

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090424\
 Data File : VN083638.D
 Acq On : 04 Sep 2024 10:19
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Sep 05 01:49:47 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N083024W.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 31 00:48:10 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.218	168	183430	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	318789	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	276368	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	137762	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	142241	55.485	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 110.960%	
35) Dibromofluoromethane	8.165	113	105148	54.801	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 109.600%	
50) Toluene-d8	10.565	98	393067	52.489	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 104.980%	
62) 4-Bromofluorobenzene	12.847	95	153044	55.292	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 110.580%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	100186	51.607	ug/l	98
3) Chloromethane	2.359	50	102250	45.214	ug/l	97
4) Vinyl Chloride	2.518	62	109246	48.269	ug/l	99
5) Bromomethane	2.900	94	56579	47.554	ug/l	97
6) Chloroethane	3.071	64	72285	48.876	ug/l	92
7) Trichlorofluoromethane	3.471	101	185450	49.757	ug/l	96
8) Diethyl Ether	3.953	74	66107	49.615	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.359	101	103457	51.184	ug/l	100
10) Methyl Iodide	4.577	142	136485	49.917	ug/l	91
11) Tert butyl alcohol	5.536	59	100251	250.807	ug/l	98
12) 1,1-Dichloroethene	4.324	96	97074	48.308	ug/l	94
13) Acrolein	4.171	56	78041	206.371	ug/l	99
14) Allyl chloride	5.006	41	173410	48.400	ug/l	98
15) Acrylonitrile	5.718	53	242878	246.388	ug/l	99
16) Acetone	4.424	43	277962	271.894	ug/l	95
17) Carbon Disulfide	4.700	76	251582	42.962	ug/l	100
18) Methyl Acetate	5.018	43	124570	45.818	ug/l	99
19) Methyl tert-butyl Ether	5.794	73	361089	50.658	ug/l	100
20) Methylene Chloride	5.265	84	106231	47.055	ug/l	91
21) trans-1,2-Dichloroethene	5.777	96	100765	48.139	ug/l	93
22) Diisopropyl ether	6.671	45	357963	50.669	ug/l	99
23) Vinyl Acetate	6.600	43	1355234	258.855	ug/l	100
24) 1,1-Dichloroethane	6.565	63	200490	49.764	ug/l	99
25) 2-Butanone	7.477	43	359083	257.977	ug/l	100
26) 2,2-Dichloropropane	7.488	77	195802	52.201	ug/l	98
27) cis-1,2-Dichloroethene	7.482	96	124314	49.770	ug/l	99
28) Bromochloromethane	7.806	49	91508	48.640	ug/l	99
29) Tetrahydrofuran	7.835	42	211556	245.034	ug/l	99
30) Chloroform	7.959	83	214197	50.464	ug/l	97
31) Cyclohexane	8.253	56	178811	45.091	ug/l	97
32) 1,1,1-Trichloroethane	8.165	97	201582	52.520	ug/l	99
36) 1,1-Dichloropropene	8.365	75	147904	50.537	ug/l	100
37) Ethyl Acetate	7.559	43	142610	48.962	ug/l	99
38) Carbon Tetrachloride	8.359	117	174507	52.260	ug/l	95
39) Methylcyclohexane	9.600	83	182992	52.106	ug/l	98
40) Benzene	8.606	78	450944	50.088	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	81914	49.283	ug/l	98
42) 1,2-Dichloroethane	8.671	62	167967	50.331	ug/l	100
43) Isopropyl Acetate	8.688	43	270639	46.214	ug/l	99
44) Trichloroethene	9.353	130	105602	48.761	ug/l	97
45) 1,2-Dichloropropane	9.618	63	108174	51.579	ug/l	100
46) Dibromomethane	9.706	93	79410	51.324	ug/l	99
47) Bromodichloromethane	9.888	83	172871	52.487	ug/l	99
48) Methyl methacrylate	9.676	41	120891	50.603	ug/l	97
49) 1,4-Dioxane	9.694	88	39007	996.459	ug/l #	100
51) 4-Methyl-2-Pentanone	10.447	43	701883	259.201	ug/l	99
52) Toluene	10.629	92	281583	50.009	ug/l	96
53) t-1,3-Dichloropropene	10.835	75	178541	52.364	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	186313	52.060	ug/l	96
55) 1,1,2-Trichloroethane	11.018	97	102866	51.185	ug/l	98
56) Ethyl methacrylate	10.876	69	180518	54.297	ug/l	99
57) 1,3-Dichloropropane	11.159	76	180572	50.751	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.159	63	375321	259.806	ug/l	99
59) 2-Hexanone	11.194	43	539827	265.638	ug/l	99
60) Dibromochloromethane	11.359	129	125224	53.775	ug/l	99
61) 1,2-Dibromoethane	11.465	107	107468	52.341	ug/l	99
64) Tetrachloroethene	11.100	164	89868	49.471	ug/l	99
65) Chlorobenzene	11.888	112	300448	48.475	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.959	131	109257	52.211	ug/l	100
67) Ethyl Benzene	11.965	91	563986	50.977	ug/l	99
68) m/p-Xylenes	12.070	106	417230	100.108	ug/l	100
69) o-Xylene	12.394	106	202600	50.295	ug/l	99
70) Styrene	12.412	104	341674	50.446	ug/l	98
71) Bromoform	12.576	173	80429	53.961	ug/l #	98
73) Isopropylbenzene	12.694	105	544992	48.878	ug/l	100
74) N-amyl acetate	12.494	43	237200	49.012	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.935	83	150053	47.404	ug/l	97
76) 1,2,3-Trichloropropane	12.994	75	203172	73.047	ug/l	63
77) Bromobenzene	12.982	156	120883	46.210	ug/l	100
78) n-propylbenzene	13.035	91	631144	48.958	ug/l	99
79) 2-Chlorotoluene	13.123	91	389648	46.644	ug/l	99
80) 1,3,5-Trimethylbenzene	13.170	105	456391	48.588	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	58079	49.250	ug/l	97
82) 4-Chlorotoluene	13.223	91	393576	46.377	ug/l	99
83) tert-Butylbenzene	13.435	119	407941	48.849	ug/l	100
84) 1,2,4-Trimethylbenzene	13.482	105	468847	49.589	ug/l	99
85) sec-Butylbenzene	13.617	105	553718	49.885	ug/l	99
86) p-Isopropyltoluene	13.729	119	466801	50.351	ug/l	100
87) 1,3-Dichlorobenzene	13.735	146	233063	45.896	ug/l	99
88) 1,4-Dichlorobenzene	13.811	146	234274	44.899	ug/l	100
89) n-Butylbenzene	14.053	91	414711	50.854	ug/l	99
90) Hexachloroethane	14.335	117	87568	48.525	ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	229354	46.901	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.717	75	33296	48.500	ug/l	100
93) 1,2,4-Trichlorobenzene	15.394	180	125511	45.260	ug/l	99
94) Hexachlorobutadiene	15.500	225	52573	47.340	ug/l	98
95) Naphthalene	15.641	128	418479	46.969	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	120572	43.525	ug/l	99

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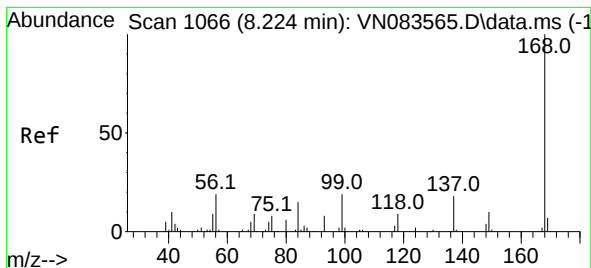
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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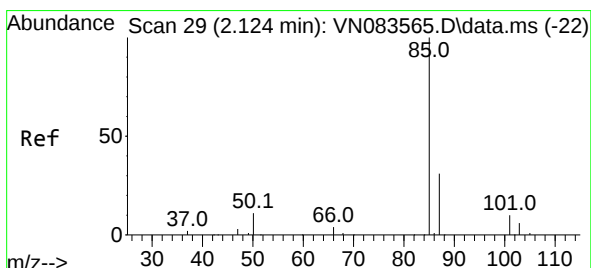
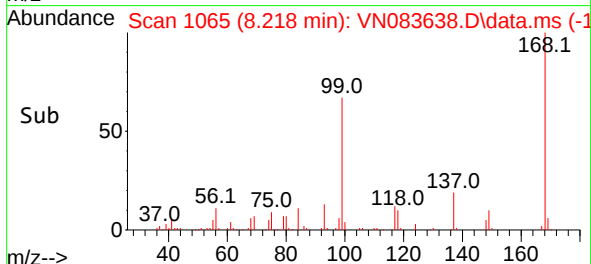
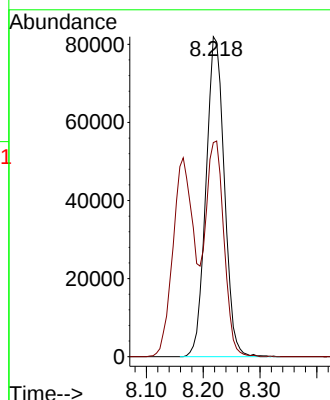
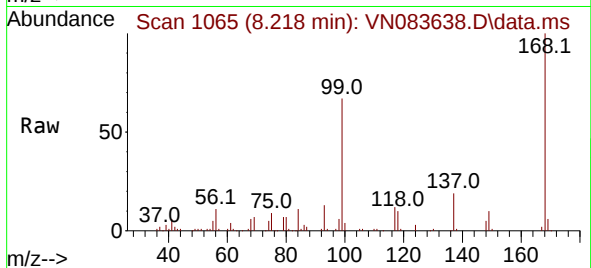




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.006 min
Lab File: VN083638.D
Acq: 04 Sep 2024 10:19

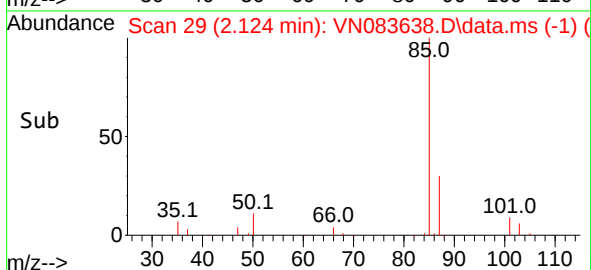
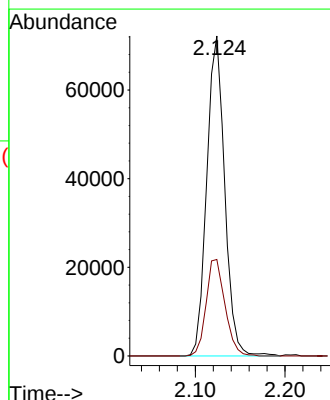
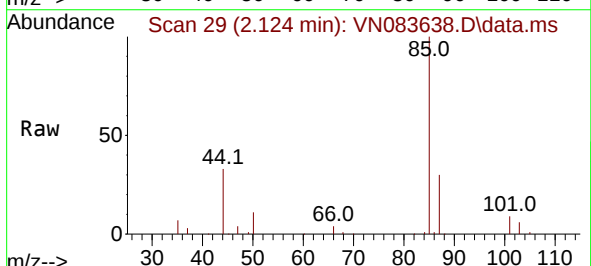
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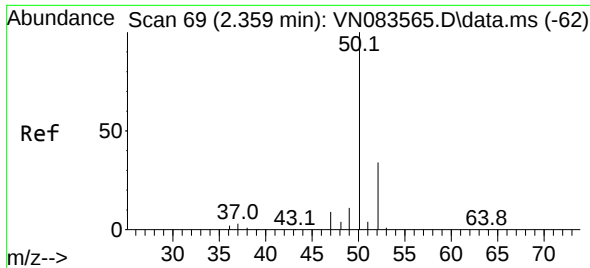
Tgt Ion:168 Resp: 183430
Ion Ratio Lower Upper
168 100
99 66.9 54.2 81.2



#2
Dichlorodifluoromethane
Concen: 51.607 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN083638.D
Acq: 04 Sep 2024 10:19

Tgt Ion: 85 Resp: 100186
Ion Ratio Lower Upper
85 100
87 30.1 15.7 47.0

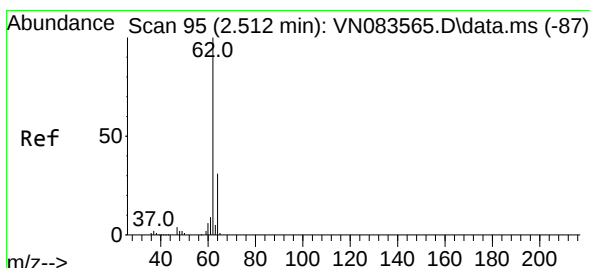
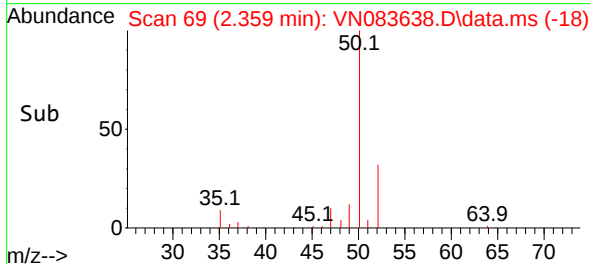
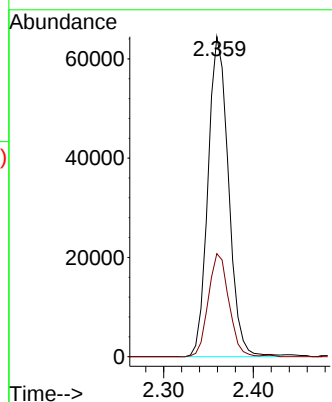
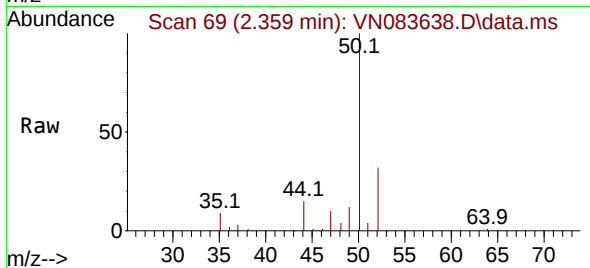




#3
 Chloromethane
 Concen: 45.214 ug/l
 RT: 2.359 min Scan# 69
 Delta R.T. -0.000 min
 Lab File: VN083638.D
 Acq: 04 Sep 2024 10:19

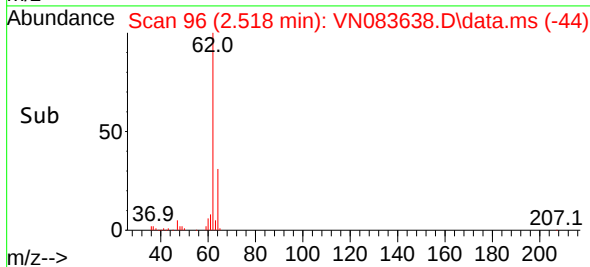
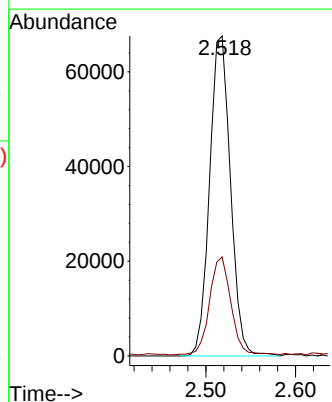
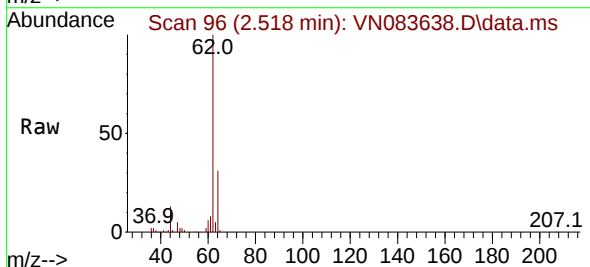
Instrument :
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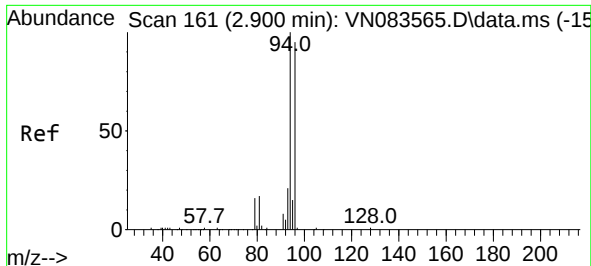
Tgt Ion: 50 Resp: 102250
 Ion Ratio Lower Upper
 50 100
 52 32.2 27.2 40.8



#4
 Vinyl Chloride
 Concen: 48.269 ug/l
 RT: 2.518 min Scan# 96
 Delta R.T. 0.006 min
 Lab File: VN083638.D
 Acq: 04 Sep 2024 10:19

Tgt Ion: 62 Resp: 109246
 Ion Ratio Lower Upper
 62 100
 64 30.5 24.7 37.1

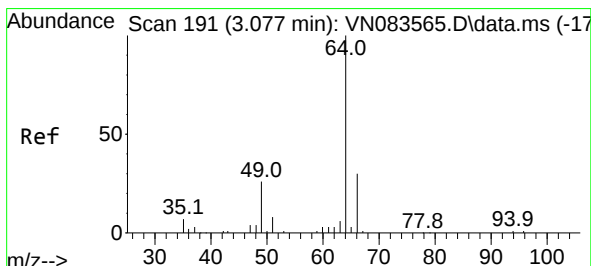
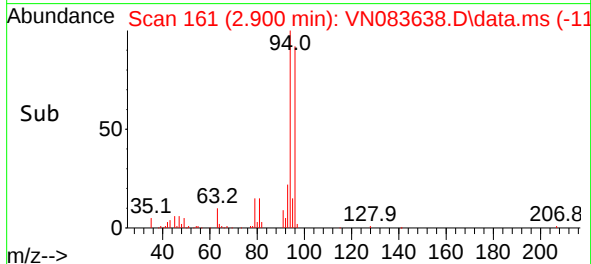
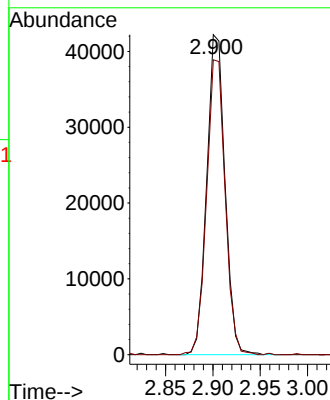
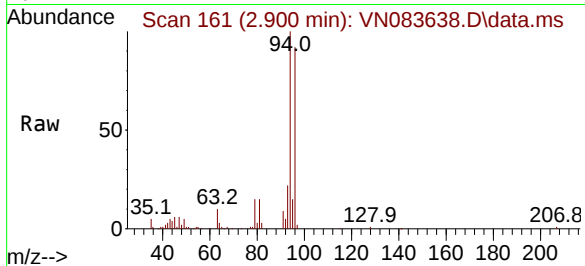




#5
Bromomethane
Concen: 47.554 ug/l
RT: 2.900 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN083638.D
Acq: 04 Sep 2024 10:19

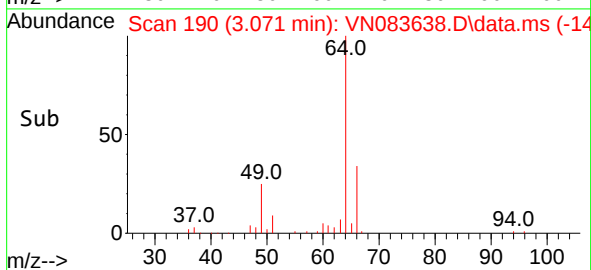
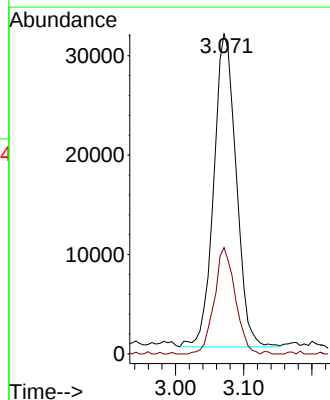
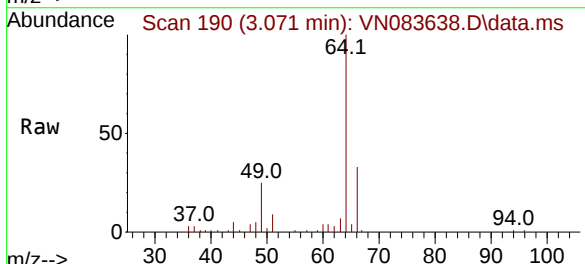
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ClientSampleId :

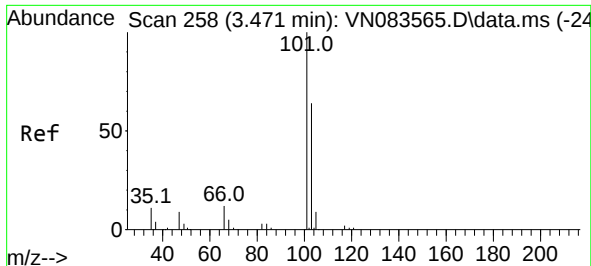
Tgt Ion: 94 Resp: 56579
Ion Ratio Lower Upper
94 100
96 92.2 76.0 114.0



#6
Chloroethane
Concen: 48.876 ug/l
RT: 3.071 min Scan# 190
Delta R.T. -0.006 min
Lab File: VN083638.D
Acq: 04 Sep 2024 10:19

Tgt Ion: 64 Resp: 72285
Ion Ratio Lower Upper
64 100
66 34.0 23.9 35.9

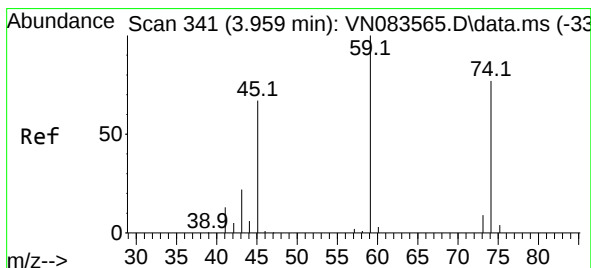
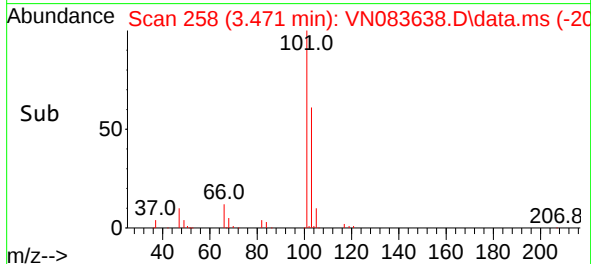
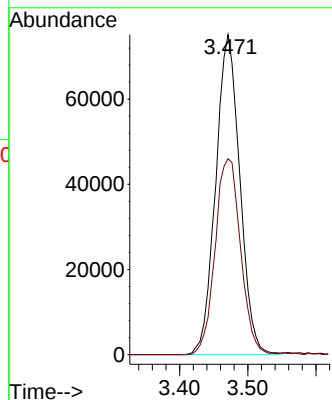
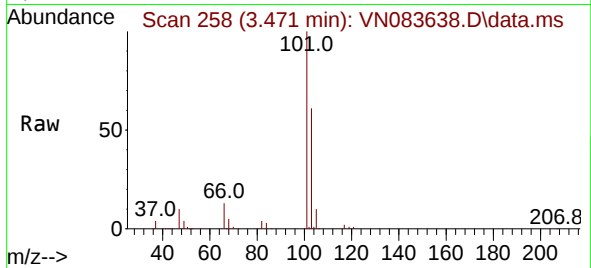




#7
 Trichlorofluoromethane
 Concen: 49.757 ug/l
 RT: 3.471 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VN083638.D
 Acq: 04 Sep 2024 10:19

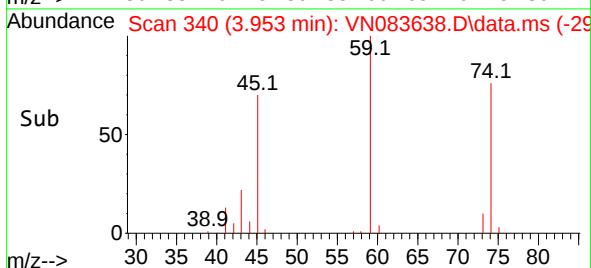
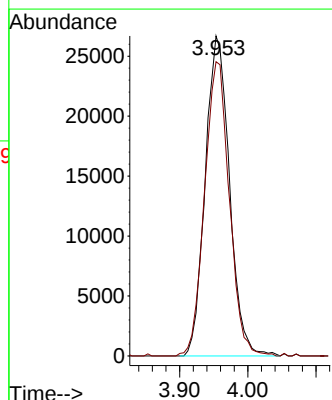
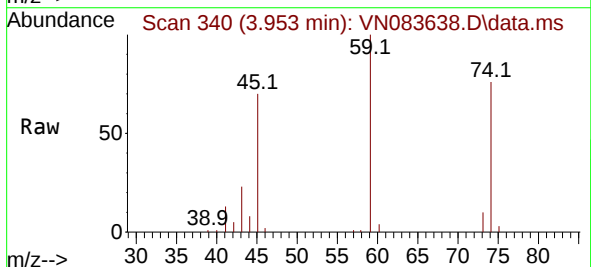
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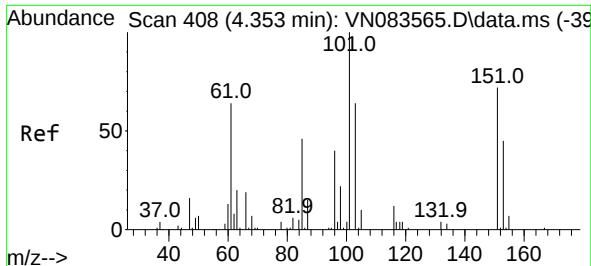
Tgt Ion:101 Resp: 185450
 Ion Ratio Lower Upper
 101 100
 103 61.2 51.4 77.0



#8
 Diethyl Ether
 Concen: 49.615 ug/l
 RT: 3.953 min Scan# 340
 Delta R.T. -0.006 min
 Lab File: VN083638.D
 Acq: 04 Sep 2024 10:19

Tgt Ion: 74 Resp: 66107
 Ion Ratio Lower Upper
 74 100
 45 93.6 46.7 140.1

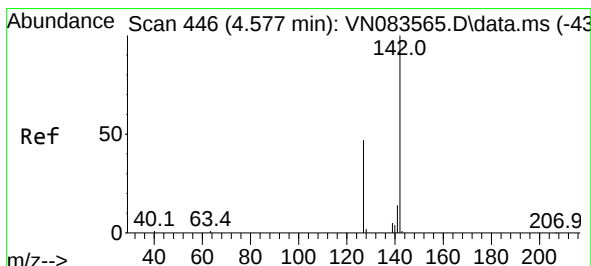
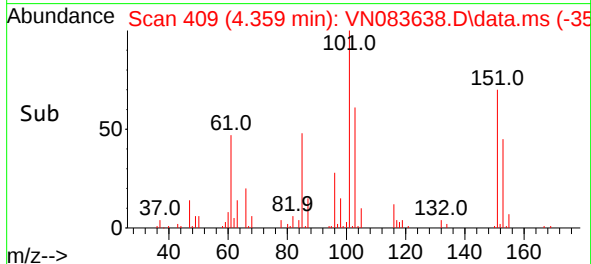
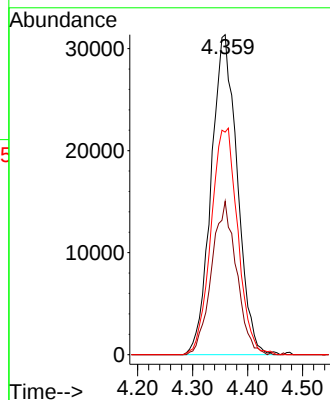
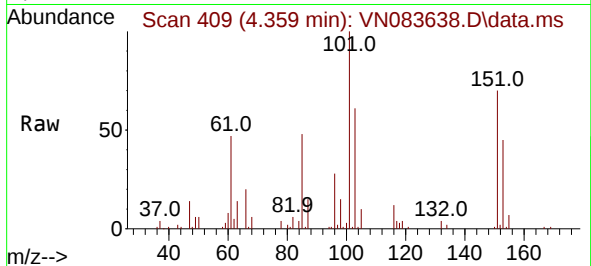




#9
1,1,2-Trichlorotrifluoroethane
Concen: 51.184 ug/l
RT: 4.359 min Scan# 408
Delta R.T. 0.006 min
Lab File: VN083638.D
Acq: 04 Sep 2024 10:19

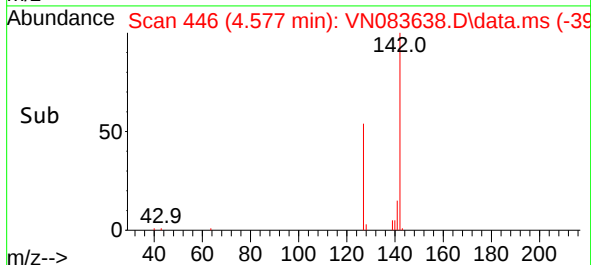
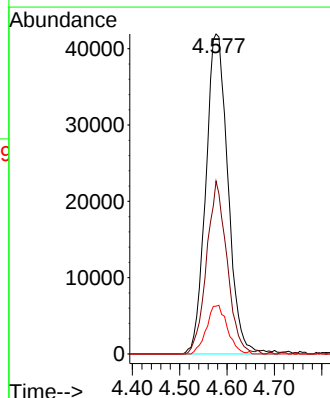
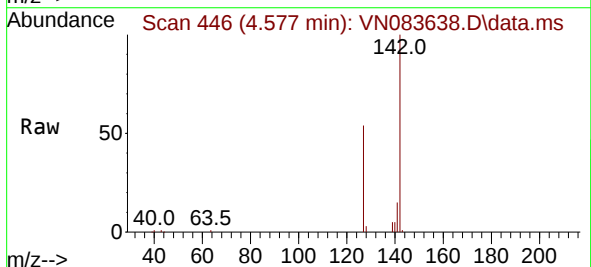
Instrument :
MSVOA_N
ClientSampleId :

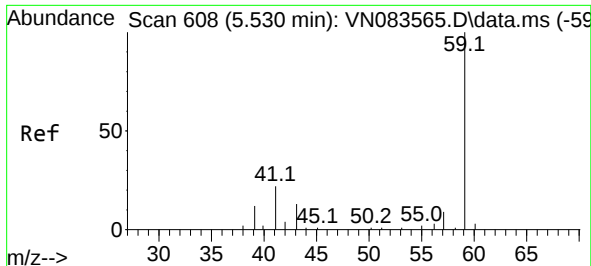
Tgt Ion:101 Resp: 103457
Ion Ratio Lower Upper
101 100
85 45.8 36.2 54.4
151 72.4 57.7 86.5



#10
Methyl Iodide
Concen: 49.917 ug/l
RT: 4.577 min Scan# 446
Delta R.T. -0.000 min
Lab File: VN083638.D
Acq: 04 Sep 2024 10:19

Tgt Ion:142 Resp: 136485
Ion Ratio Lower Upper
142 100
127 54.0 37.5 56.3
141 14.9 11.0 16.4

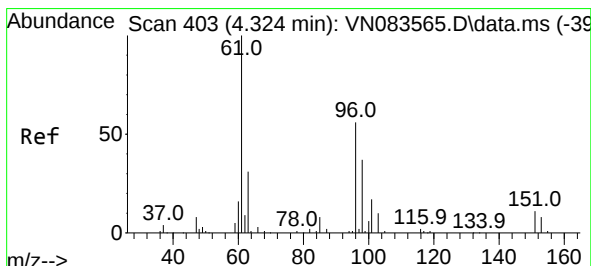
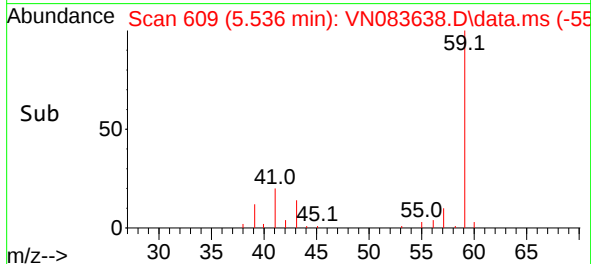
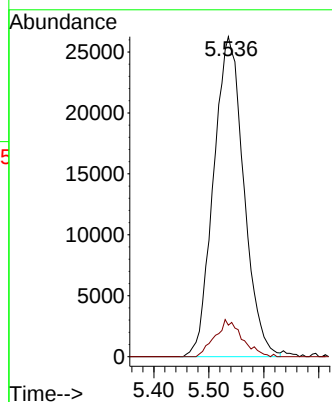
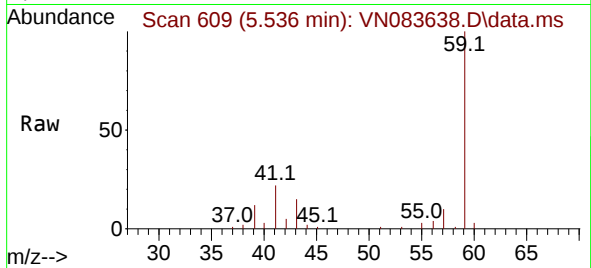




#11
Tert butyl alcohol
Concen: 250.807 ug/l
RT: 5.536 min Scan# 608
Delta R.T. 0.006 min
Lab File: VN083638.D
Acq: 04 Sep 2024 10:19

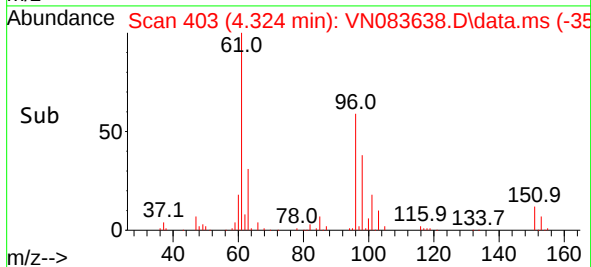
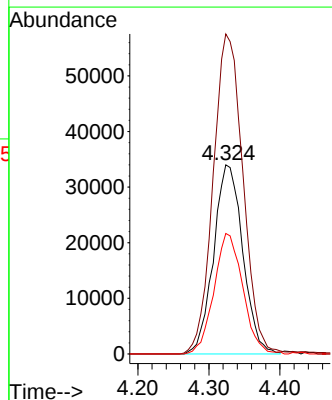
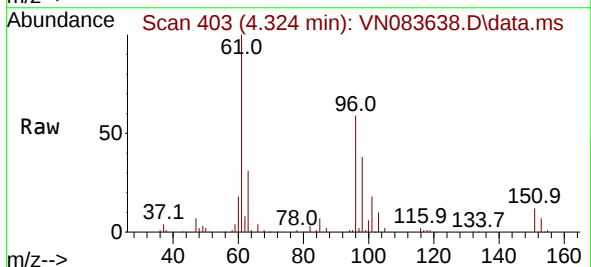
Instrument :
MSVOA_N
ClientSampleId :

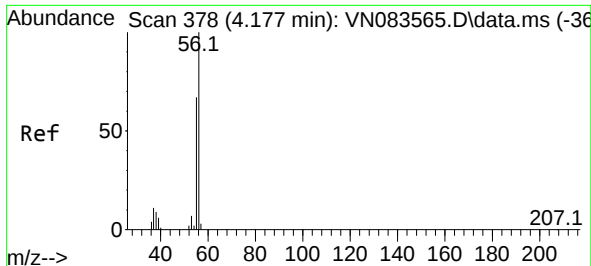
Tgt Ion: 59 Resp: 100251
Ion Ratio Lower Upper
59 100
57 10.3 8.7 13.1



#12
1,1-Dichloroethene
Concen: 48.308 ug/l
RT: 4.324 min Scan# 403
Delta R.T. -0.000 min
Lab File: VN083638.D
Acq: 04 Sep 2024 10:19

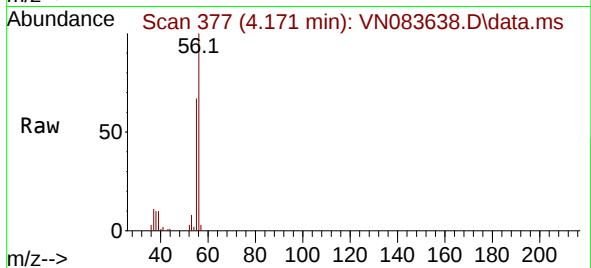
Tgt Ion: 96 Resp: 97074
Ion Ratio Lower Upper
96 100
61 169.2 143.4 215.0
98 63.7 52.7 79.1



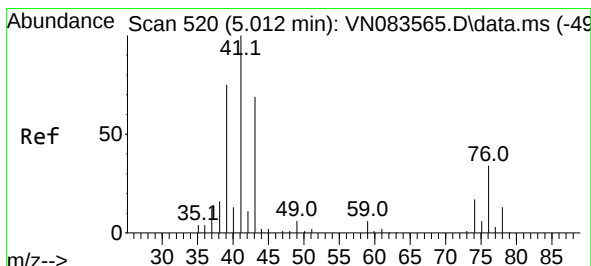
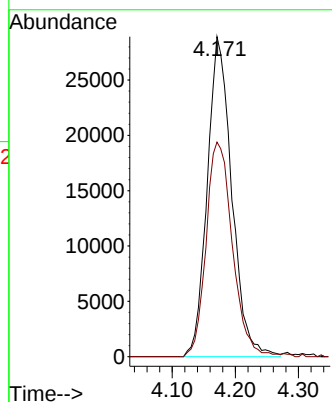
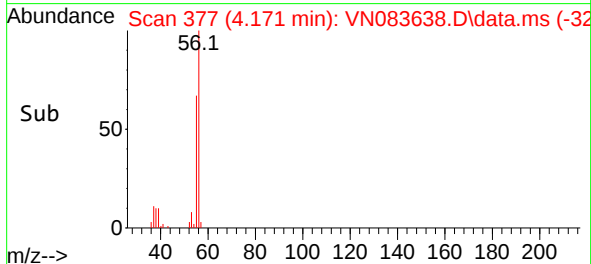


#13
Acrolein
Concen: 206.371 ug/l
RT: 4.171 min Scan# 31
Delta R.T. -0.006 min
Lab File: VN083638.D
Acq: 04 Sep 2024 10:19

Instrument :
MSVOA_N
ClientSampleId :

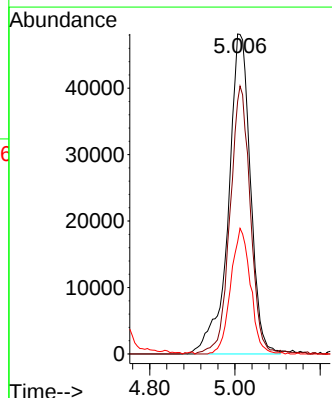
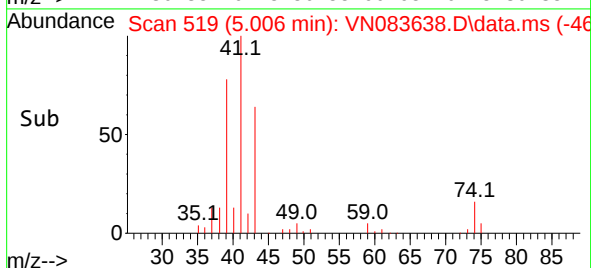
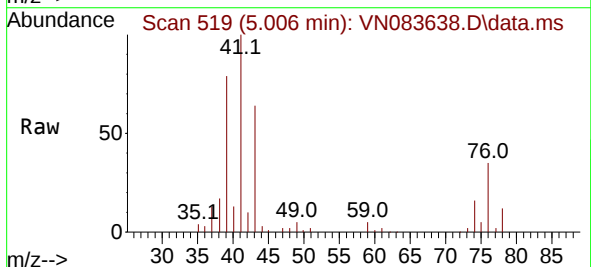


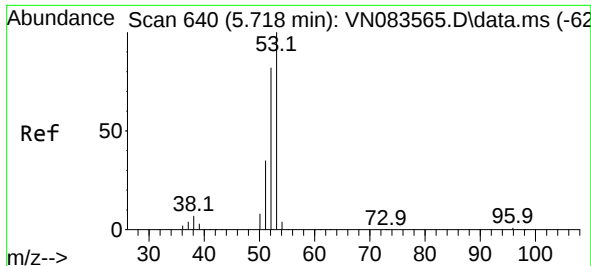
Tgt Ion: 56 Resp: 78041
Ion Ratio Lower Upper
56 100
55 71.7 58.2 87.2



#14
Allyl chloride
Concen: 48.400 ug/l
RT: 5.006 min Scan# 519
Delta R.T. -0.006 min
Lab File: VN083638.D
Acq: 04 Sep 2024 10:19

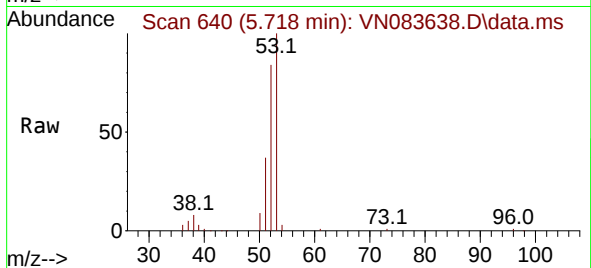
Tgt Ion: 41 Resp: 173410
Ion Ratio Lower Upper
41 100
39 76.4 59.3 88.9
76 35.2 27.7 41.5



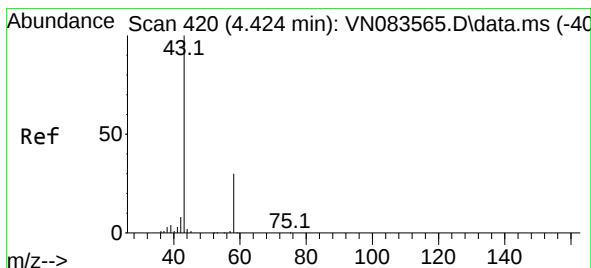
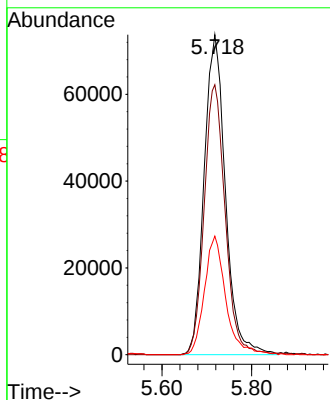
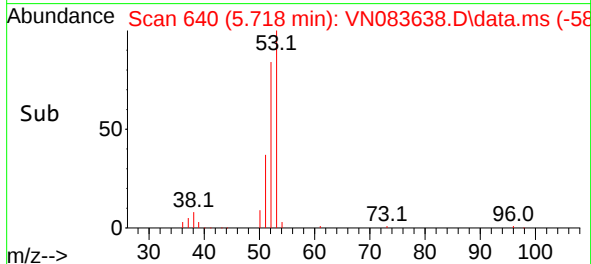


#15
Acrylonitrile
Concen: 246.388 ug/l
RT: 5.718 min Scan# 640
Delta R.T. -0.000 min
Lab File: VN083638.D
Acq: 04 Sep 2024 10:19

Instrument :
MSVOA_N
ClientSampleId :

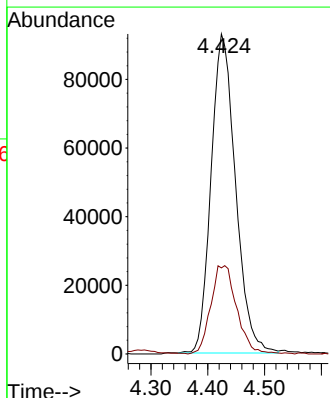
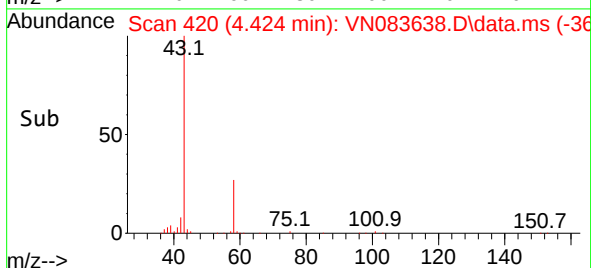
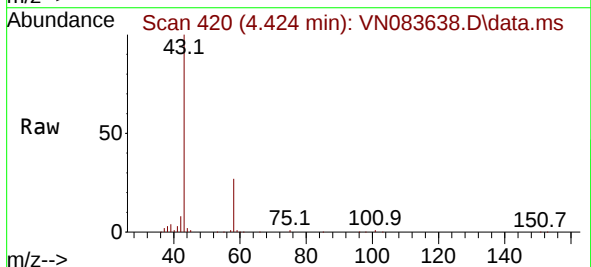


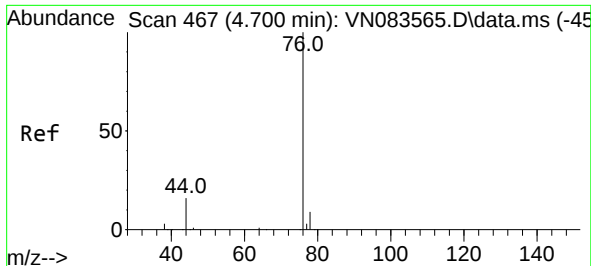
Tgt Ion: 53 Resp: 242878
Ion Ratio Lower Upper
53 100
52 83.6 66.1 99.1
51 37.2 29.6 44.4



#16
Acetone
Concen: 271.894 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN083638.D
Acq: 04 Sep 2024 10:19

Tgt Ion: 43 Resp: 277962
Ion Ratio Lower Upper
43 100
58 26.8 23.7 35.5

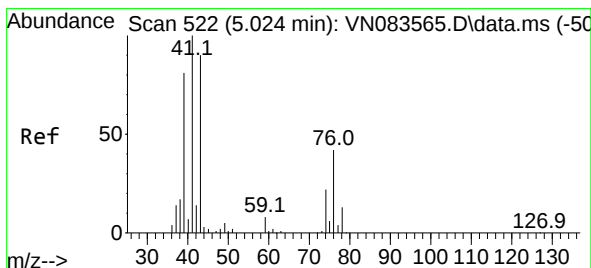
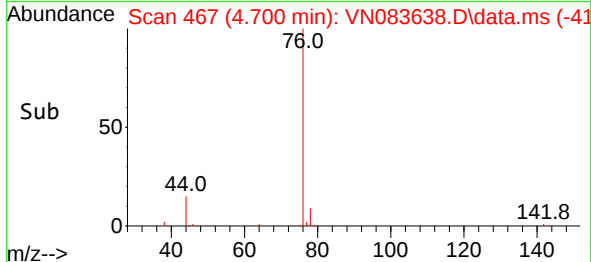
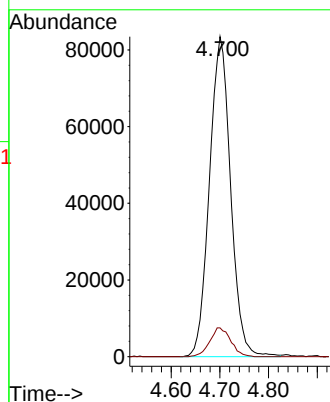
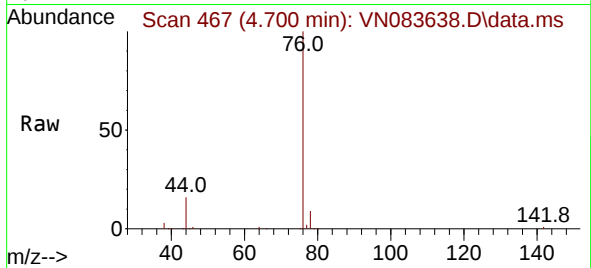




#17
Carbon Disulfide
Concen: 42.962 ug/l
RT: 4.700 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN083638.D
Acq: 04 Sep 2024 10:19

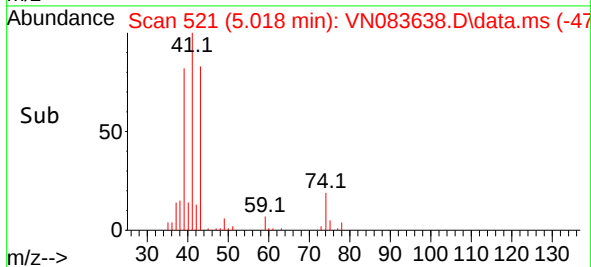
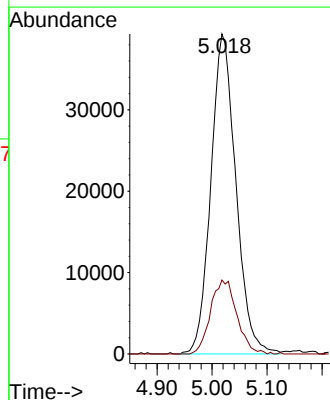
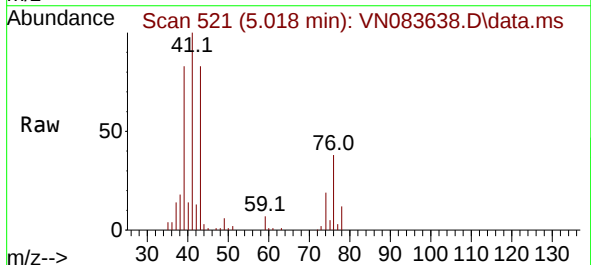
Instrument :
MSVOA_N
ClientSampleId :

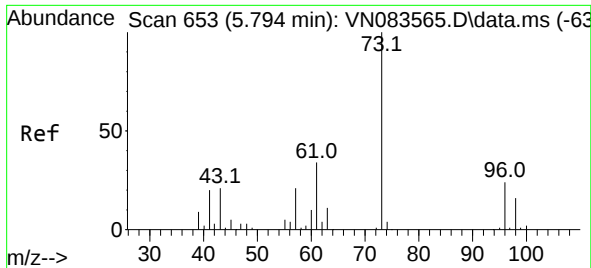
Tgt Ion: 76 Resp: 251582
Ion Ratio Lower Upper
76 100
78 9.0 7.1 10.7



#18
Methyl Acetate
Concen: 45.818 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.006 min
Lab File: VN083638.D
Acq: 04 Sep 2024 10:19

Tgt Ion: 43 Resp: 124570
Ion Ratio Lower Upper
43 100
74 24.2 19.0 28.4

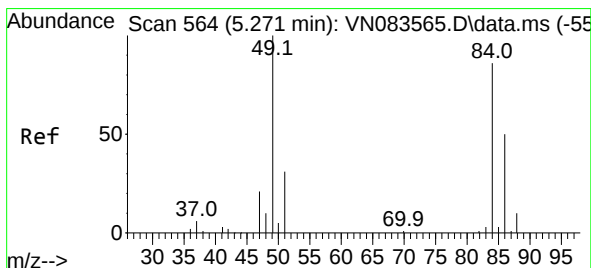
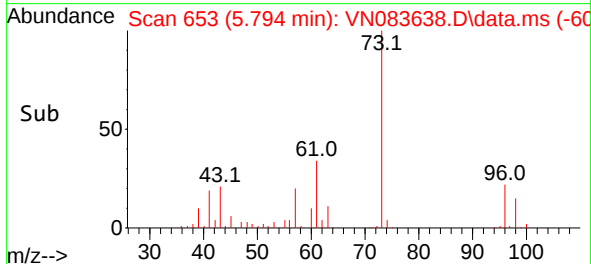
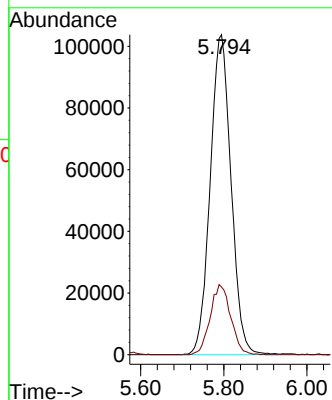
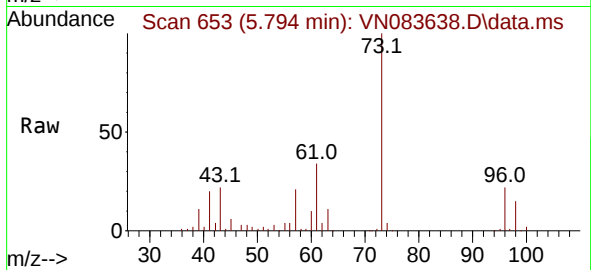




#19
Methyl tert-butyl Ether
Concen: 50.658 ug/l
RT: 5.794 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN083638.D
Acq: 04 Sep 2024 10:19

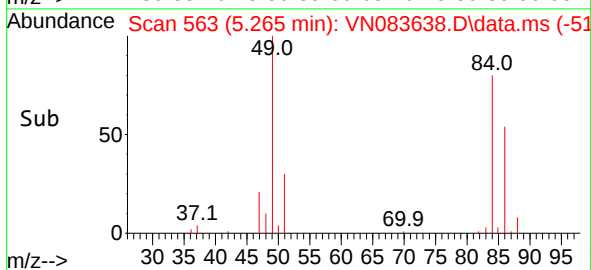
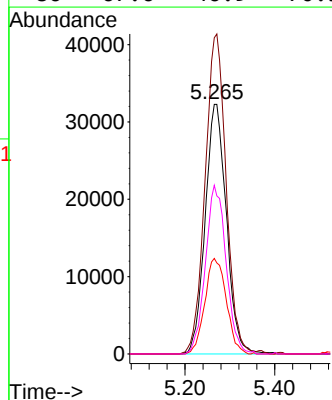
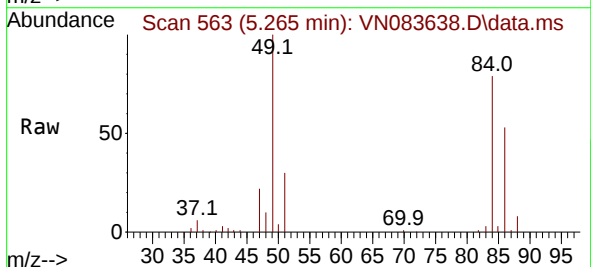
Instrument :
MSVOA_N
ClientSampleId :

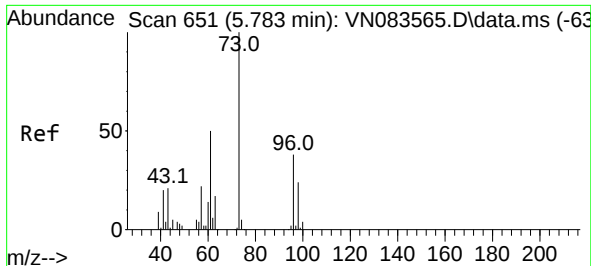
Tgt Ion: 73 Resp: 361089
Ion Ratio Lower Upper
73 100
57 21.1 17.0 25.6



#20
Methylene Chloride
Concen: 47.055 ug/l
RT: 5.265 min Scan# 563
Delta R.T. -0.006 min
Lab File: VN083638.D
Acq: 04 Sep 2024 10:19

Tgt Ion: 84 Resp: 106231
Ion Ratio Lower Upper
84 100
49 126.7 93.4 140.0
51 38.2 29.2 43.8
86 67.6 46.9 70.3

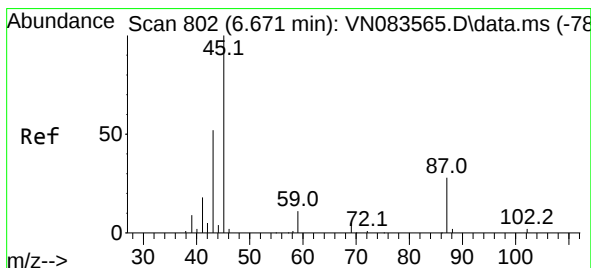
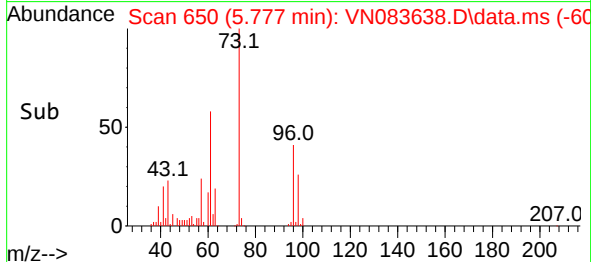
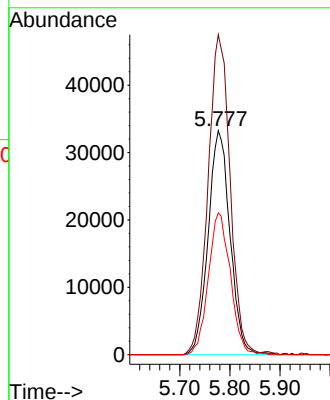
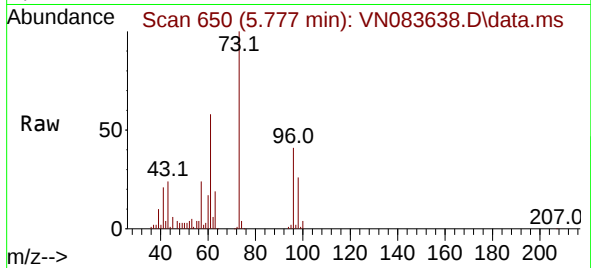




#21
trans-1,2-Dichloroethene
Concen: 48.139 ug/l
RT: 5.777 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN083638.D
Acq: 04 Sep 2024 10:19

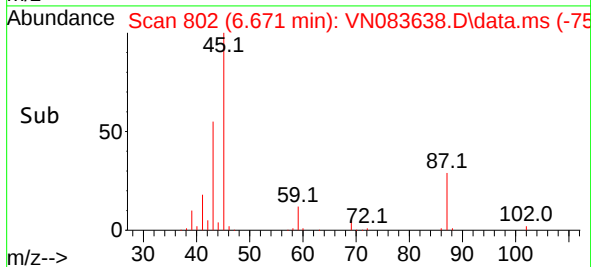
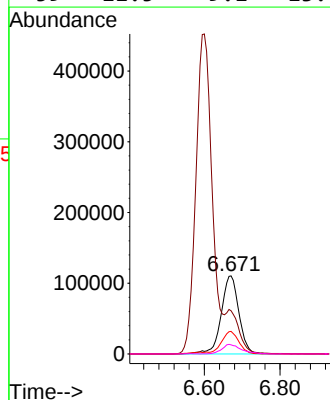
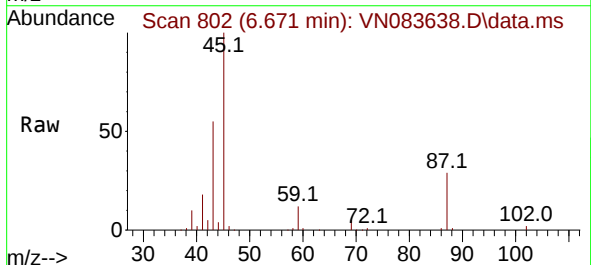
Instrument :
MSVOA_N
ClientSampleId :

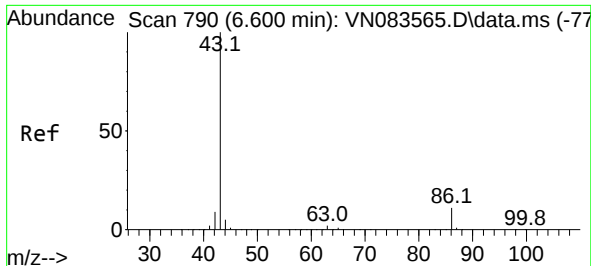
Tgt Ion: 96 Resp: 100765
Ion Ratio Lower Upper
96 100
61 142.9 106.0 159.0
98 63.3 52.2 78.2



#22
Diisopropyl ether
Concen: 50.669 ug/l
RT: 6.671 min Scan# 802
Delta R.T. -0.000 min
Lab File: VN083638.D
Acq: 04 Sep 2024 10:19

Tgt Ion: 45 Resp: 357963
Ion Ratio Lower Upper
45 100
43 54.8 43.4 65.0
87 28.9 22.6 33.8
59 11.5 9.1 13.7

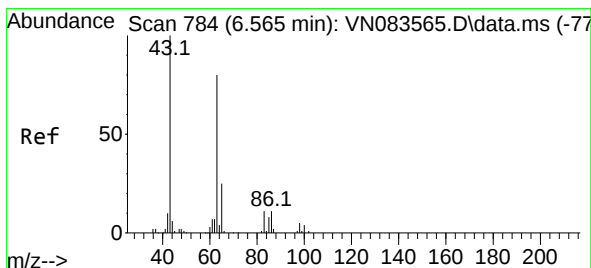
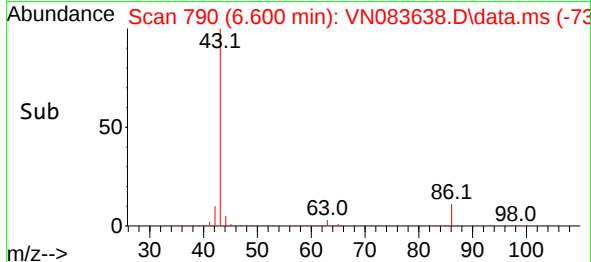
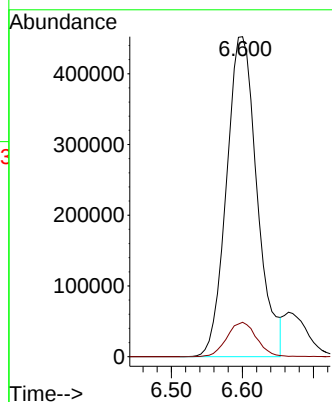
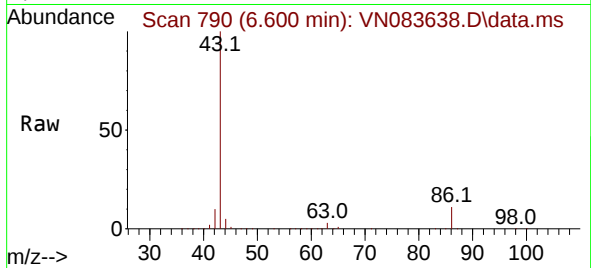




#23
 Vinyl Acetate
 Concen: 258.855 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. -0.000 min
 Lab File: VN083638.D
 Acq: 04 Sep 2024 10:19

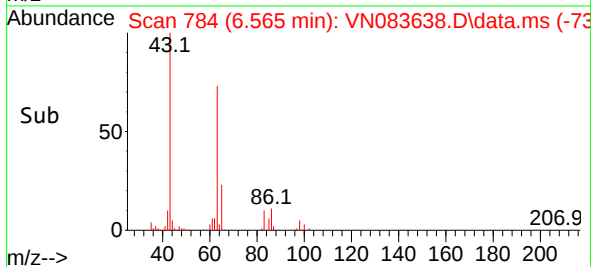
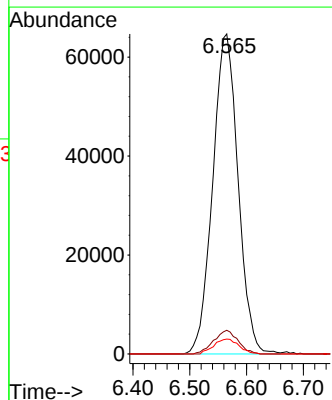
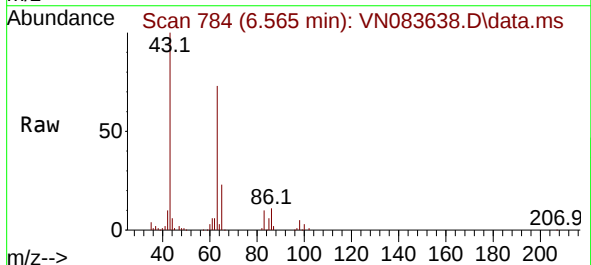
Instrument :
 MSVOA_N
 ClientSampleId :

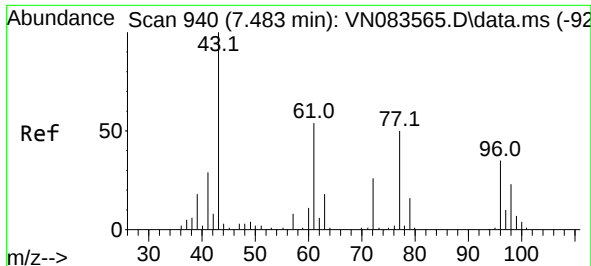
Tgt Ion: 43 Resp: 1355234
 Ion Ratio Lower Upper
 43 100
 86 10.7 8.7 13.1



#24
 1,1-Dichloroethane
 Concen: 49.764 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. -0.000 min
 Lab File: VN083638.D
 Acq: 04 Sep 2024 10:19

Tgt Ion: 63 Resp: 200490
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.5 10.4
 100 4.6 2.5 7.5

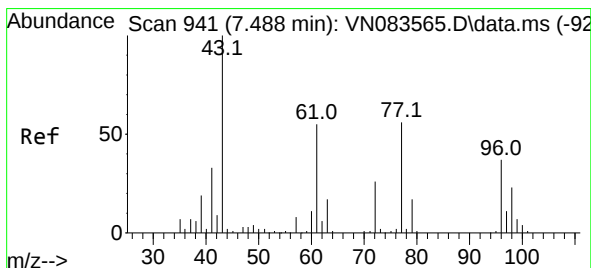
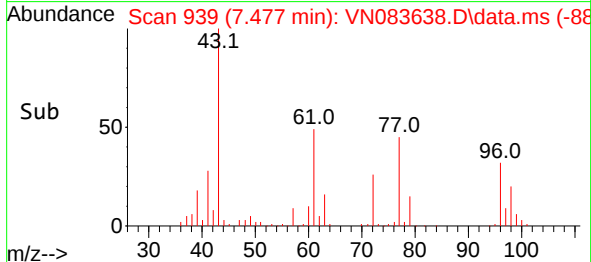
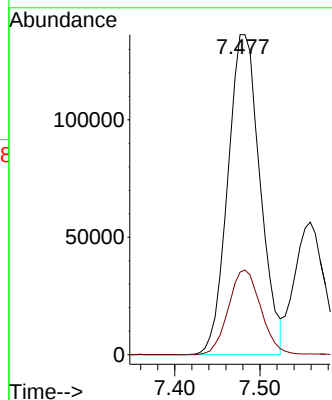
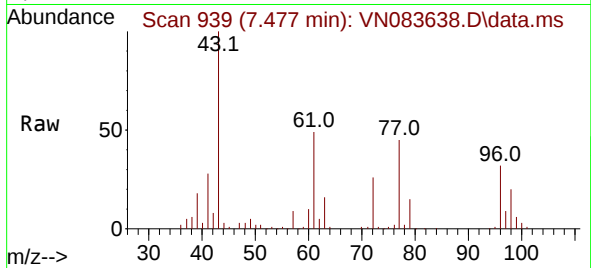




#25
2-Butanone
Concen: 257.977 ug/l
RT: 7.477 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN083638.D
Acq: 04 Sep 2024 10:19

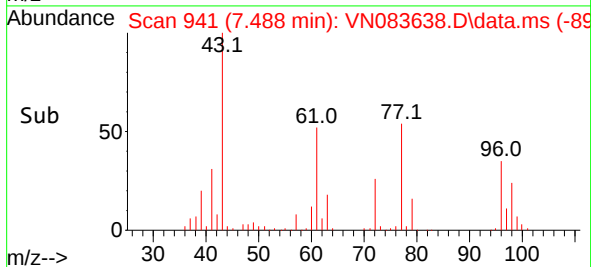
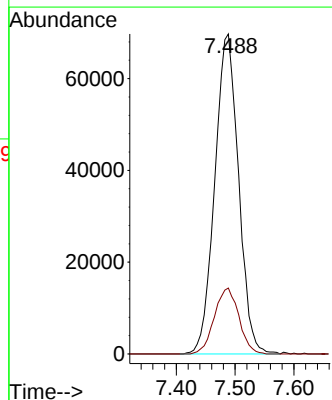
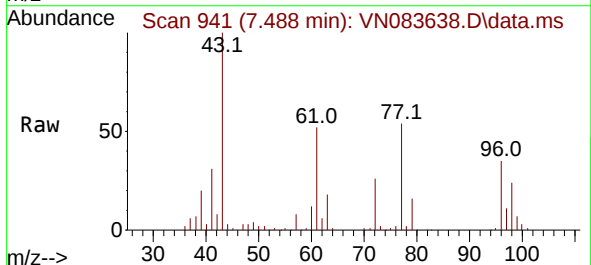
Instrument :
MSVOA_N
ClientSampleId :

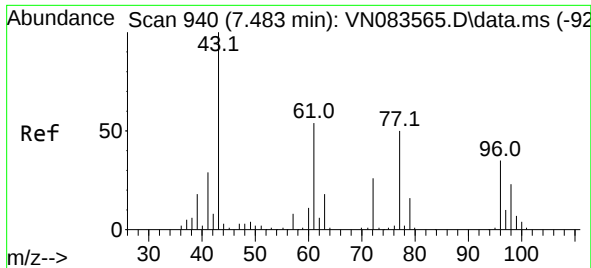
Tgt Ion: 43 Resp: 359083
Ion Ratio Lower Upper
43 100
72 25.8 20.8 31.2



#26
2,2-Dichloropropane
Concen: 52.201 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.000 min
Lab File: VN083638.D
Acq: 04 Sep 2024 10:19

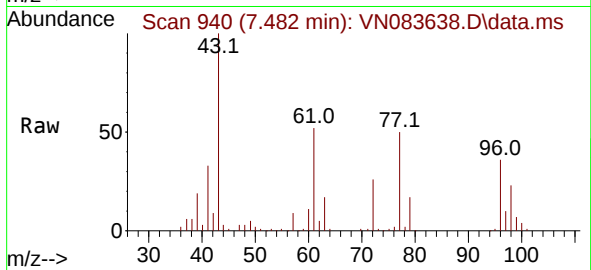
Tgt Ion: 77 Resp: 195802
Ion Ratio Lower Upper
77 100
97 21.2 10.2 30.4





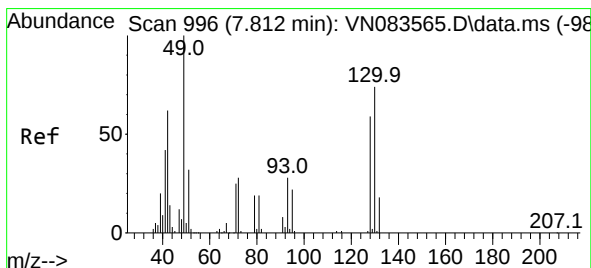
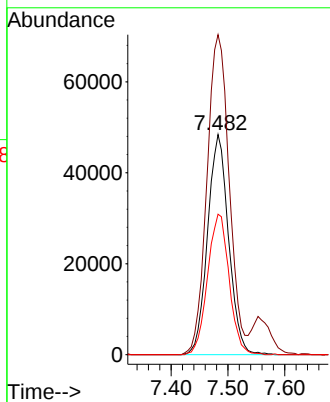
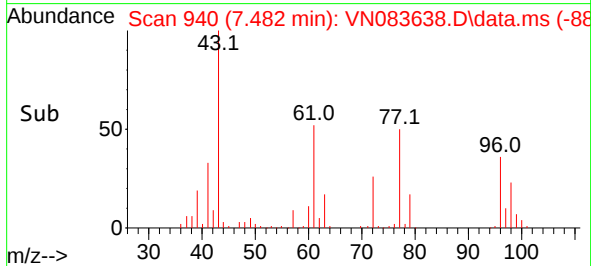
#27
 cis-1,2-Dichloroethene
 Concen: 49.770 ug/l
 RT: 7.482 min Scan# 940
 Delta R.T. -0.000 min
 Lab File: VN083638.D
 Acq: 04 Sep 2024 10:19

Instrument :
 MSVOA_N
 ClientSampleId :

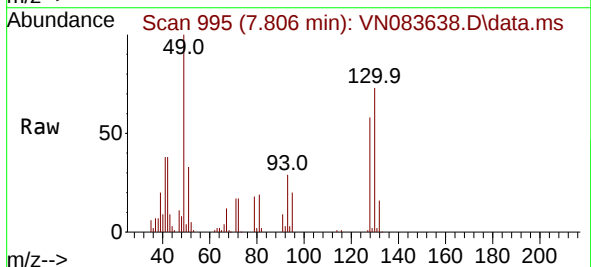


Tgt Ion: 96 Resp: 124314

Ion	Ratio	Lower	Upper
96	100		
61	154.4	0.0	306.2
98	65.5	0.0	128.6

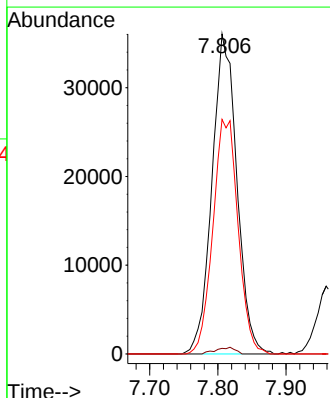
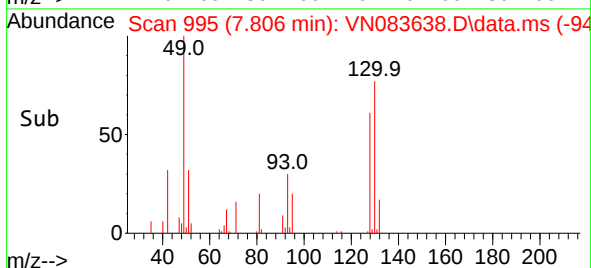


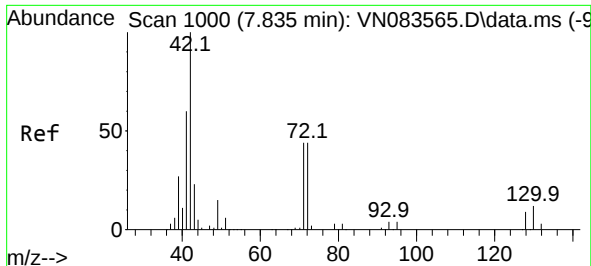
#28
 Bromochloromethane
 Concen: 48.640 ug/l
 RT: 7.806 min Scan# 995
 Delta R.T. -0.006 min
 Lab File: VN083638.D
 Acq: 04 Sep 2024 10:19



Tgt Ion: 49 Resp: 91508

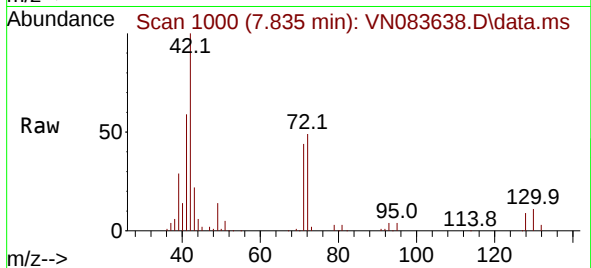
Ion	Ratio	Lower	Upper
49	100		
129	1.6	0.0	3.4
130	74.2	60.2	90.2



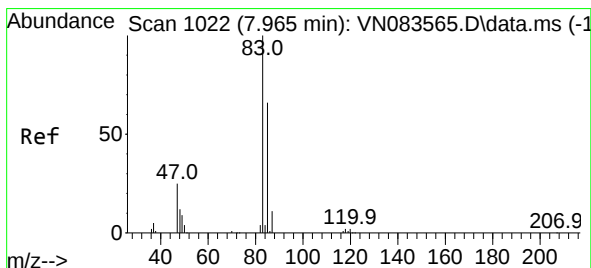
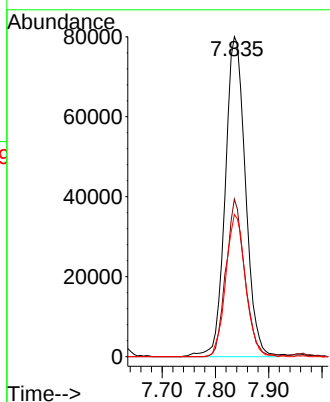
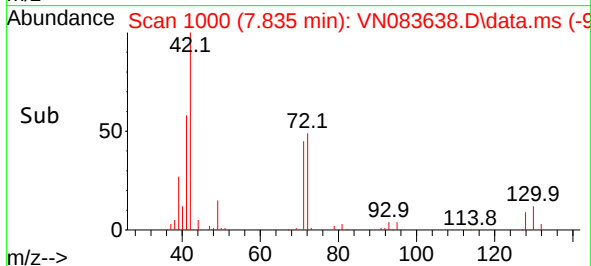


#29
Tetrahydrofuran
Concen: 245.034 ug/l
RT: 7.835 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VN083638.D
Acq: 04 Sep 2024 10:19

Instrument :
MSVOA_N
ClientSampleId :

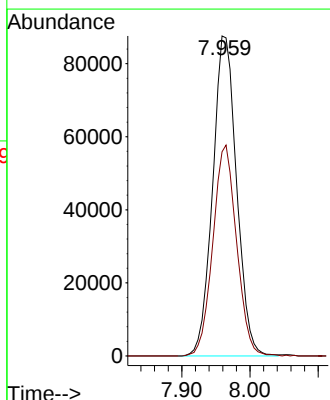
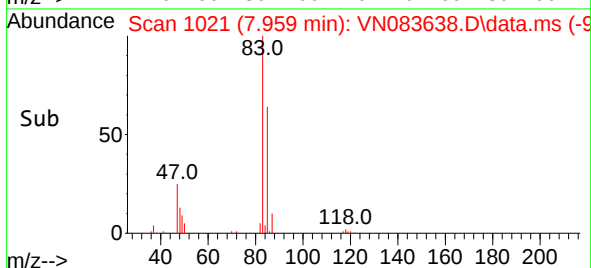
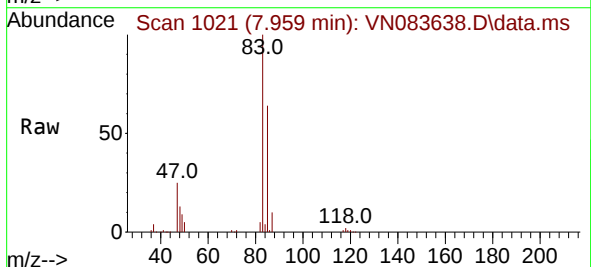


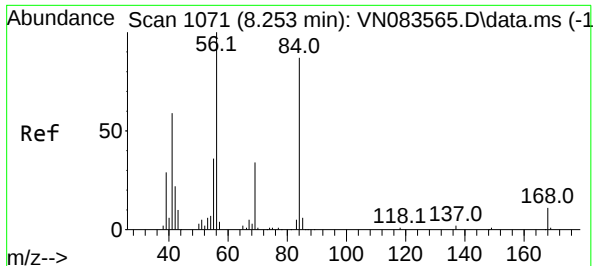
Tgt Ion: 42 Resp: 211556
Ion Ratio Lower Upper
42 100
72 45.8 35.9 53.9
71 43.3 33.9 50.9



#30
Chloroform
Concen: 50.464 ug/l
RT: 7.959 min Scan# 1021
Delta R.T. -0.006 min
Lab File: VN083638.D
Acq: 04 Sep 2024 10:19

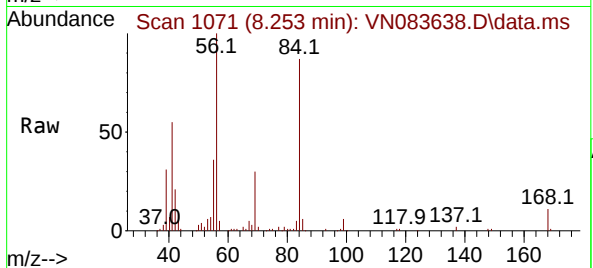
Tgt Ion: 83 Resp: 214197
Ion Ratio Lower Upper
83 100
85 63.8 52.8 79.2



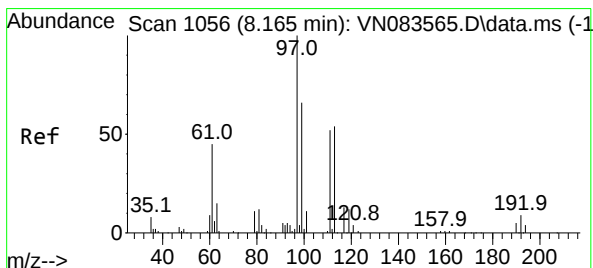
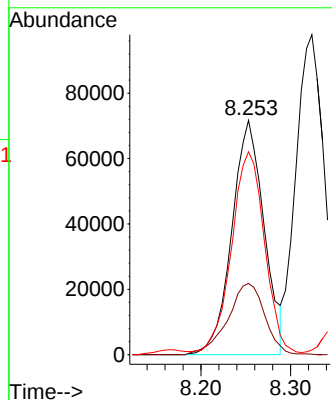
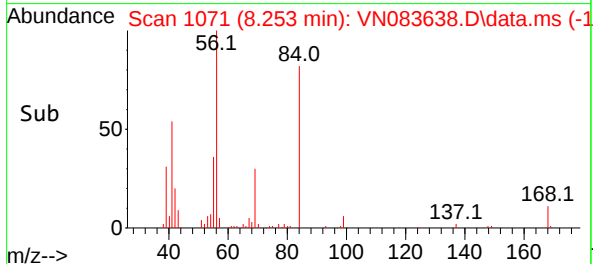


#31
Cyclohexane
Concen: 45.091 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. -0.000 min
Lab File: VN083638.D
Acq: 04 Sep 2024 10:19

Instrument :
MSVOA_N
ClientSampleId :

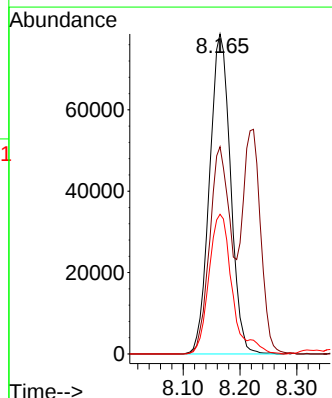
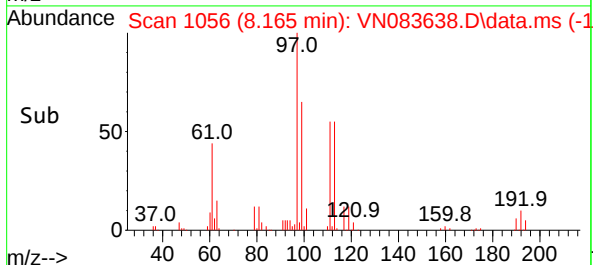
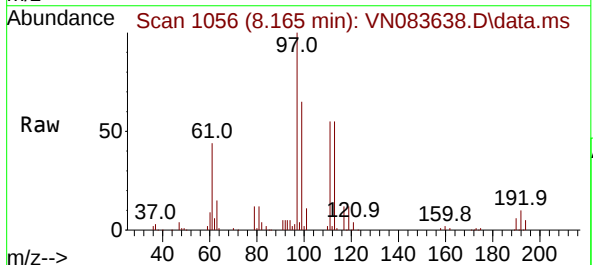


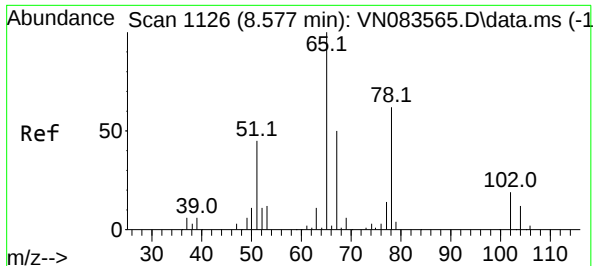
Tgt Ion: 56 Resp: 178811
Ion Ratio Lower Upper
56 100
69 30.4 26.9 40.3
84 84.9 69.2 103.8



#32
1,1,1-Trichloroethane
Concen: 52.520 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN083638.D
Acq: 04 Sep 2024 10:19

Tgt Ion: 97 Resp: 201582
Ion Ratio Lower Upper
97 100
99 65.2 52.3 78.5
61 48.4 38.2 57.2





#33

1,2-Dichloroethane-d4

Concen: 55.485 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN083638.D

Acq: 04 Sep 2024 10:19

Instrument :

MSVOA_N

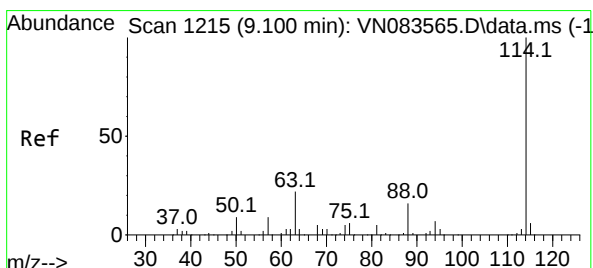
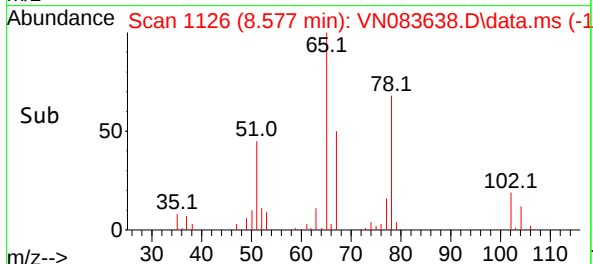
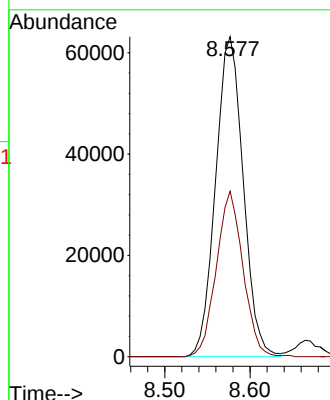
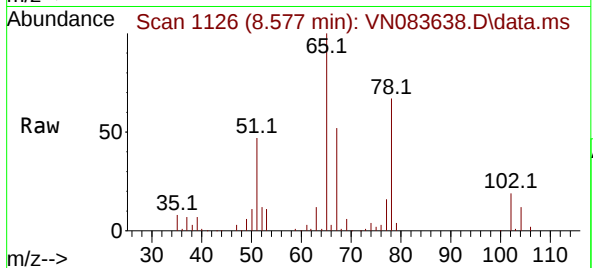
ClientSampleId :

Tgt Ion: 65 Resp: 142241

Ion Ratio Lower Upper

65 100

67 49.9 0.0 100.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.000 min

Lab File: VN083638.D

Acq: 04 Sep 2024 10:19

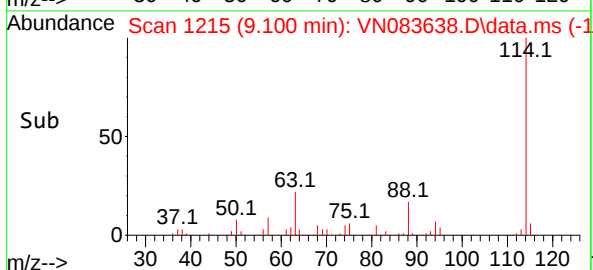
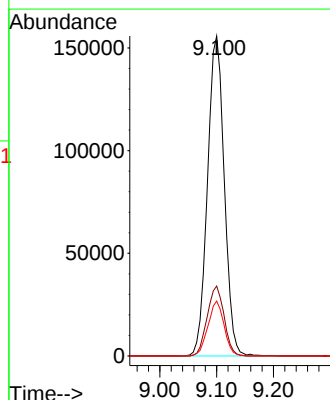
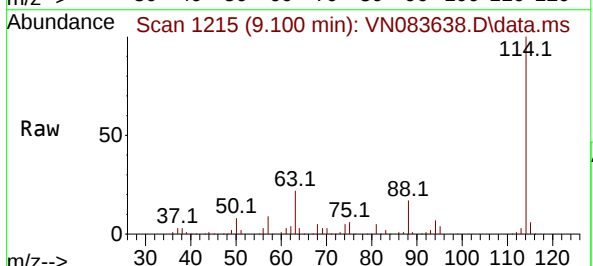
Tgt Ion: 114 Resp: 318789

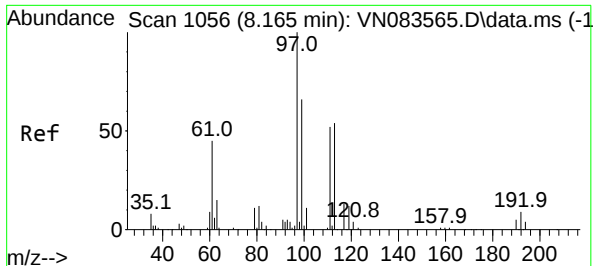
Ion Ratio Lower Upper

114 100

63 21.8 0.0 43.4

88 17.2 0.0 32.6

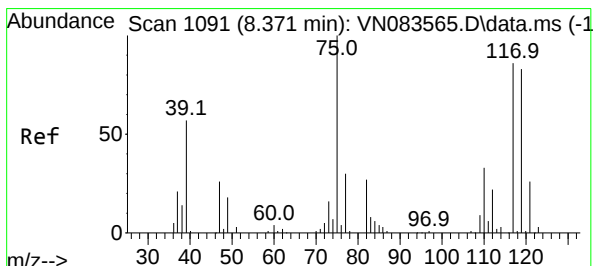
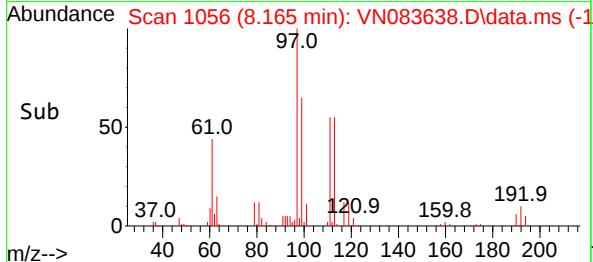
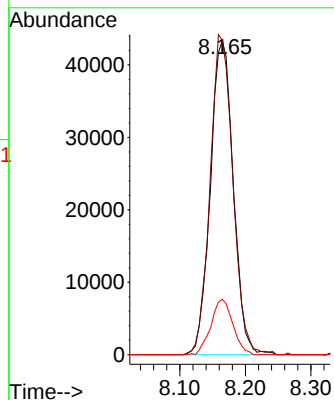
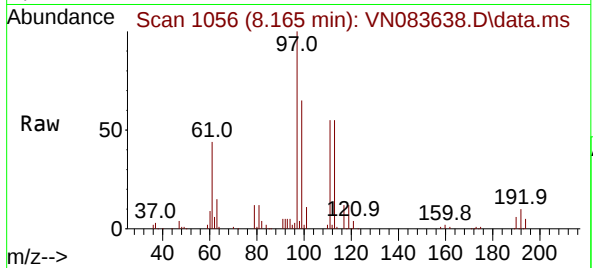




#35
Dibromofluoromethane
Concen: 54.801 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN083638.D
Acq: 04 Sep 2024 10:19

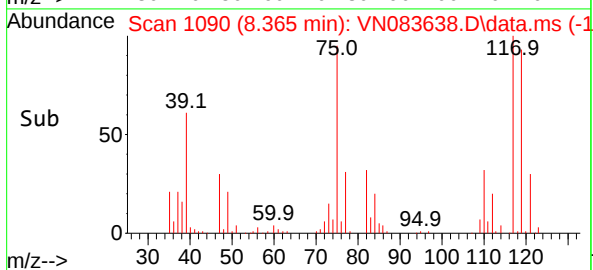
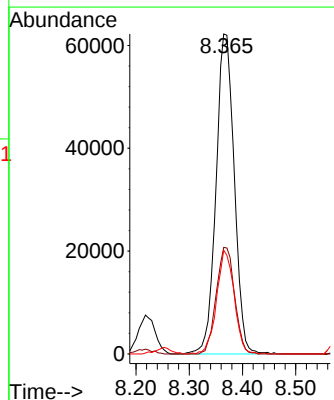
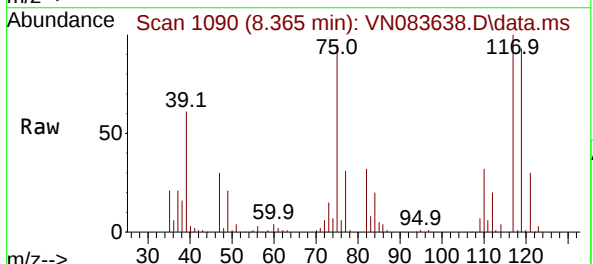
Instrument :
MSVOA_N
ClientSampleId :

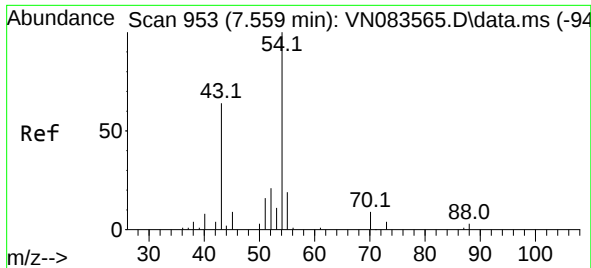
Tgt Ion:113 Resp: 105148
Ion Ratio Lower Upper
113 100
111 101.2 82.6 124.0
192 16.9 14.3 21.5



#36
1,1-Dichloropropene
Concen: 50.537 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. -0.006 min
Lab File: VN083638.D
Acq: 04 Sep 2024 10:19

Tgt Ion: 75 Resp: 147904
Ion Ratio Lower Upper
75 100
110 33.5 16.7 50.1
77 31.1 25.2 37.8

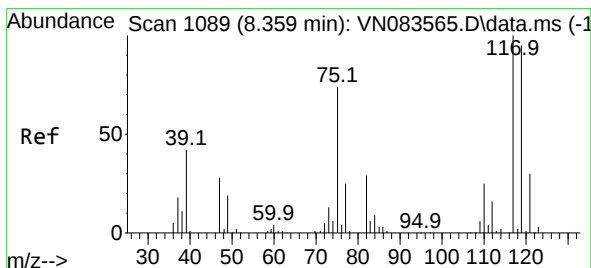
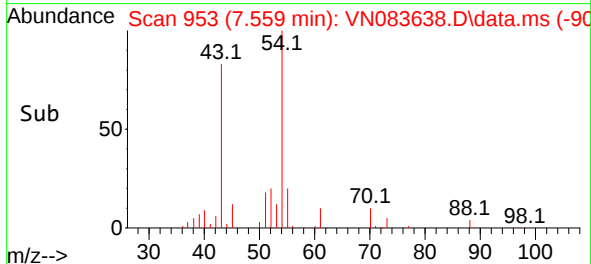
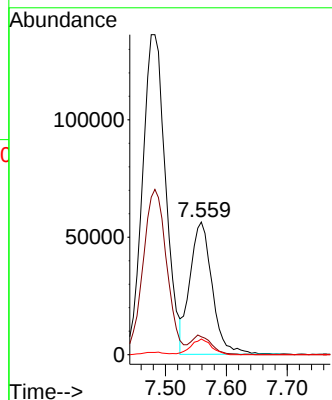
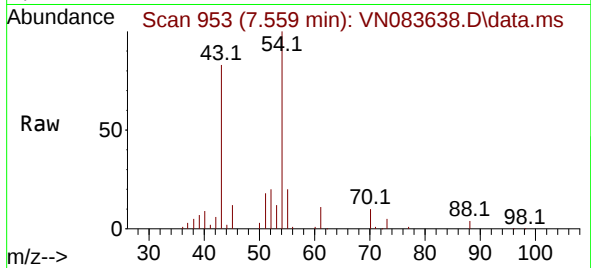




#37
Ethyl Acetate
Concen: 48.962 ug/l
RT: 7.559 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN083638.D
Acq: 04 Sep 2024 10:19

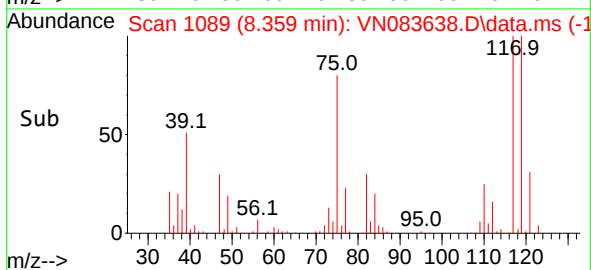
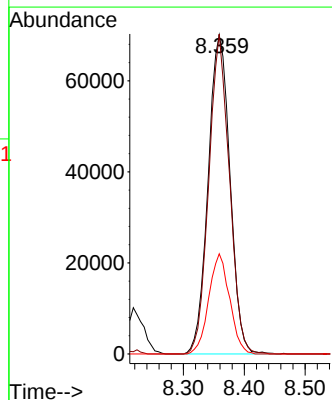
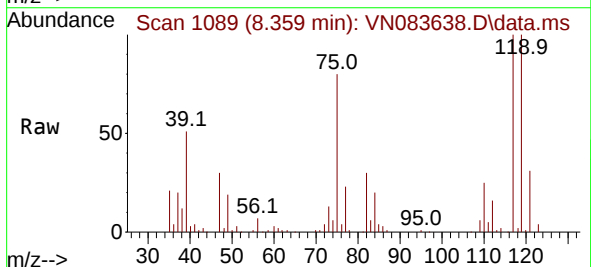
Instrument :
MSVOA_N
ClientSampleId :

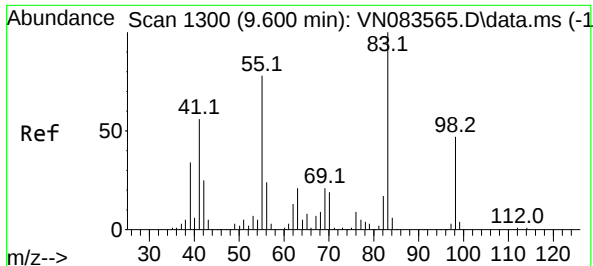
Tgt Ion: 43 Resp: 142610
Ion Ratio Lower Upper
43 100
61 13.0 11.1 16.7
70 10.8 8.8 13.2



#38
Carbon Tetrachloride
Concen: 52.260 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VN083638.D
Acq: 04 Sep 2024 10:19

Tgt Ion: 117 Resp: 174507
Ion Ratio Lower Upper
117 100
119 100.3 76.1 114.1
121 31.4 24.1 36.1





#39

Methylcyclohexane

Concen: 52.106 ug/l

RT: 9.600 min Scan# 11300

Delta R.T. -0.000 min

Lab File: VN083638.D

Acq: 04 Sep 2024 10:19

Instrument :

MSVOA_N

ClientSampleId :

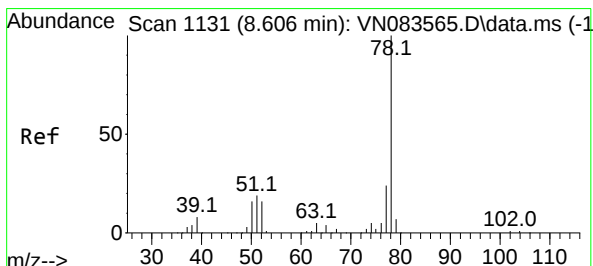
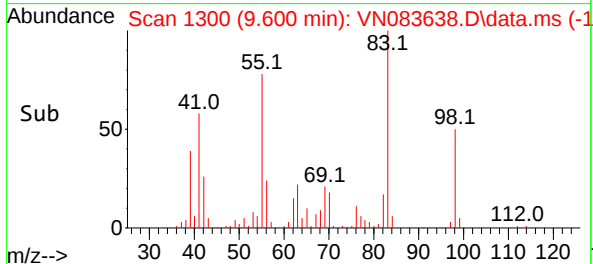
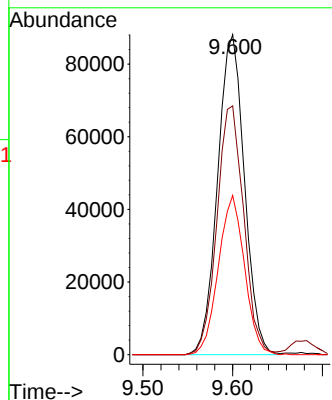
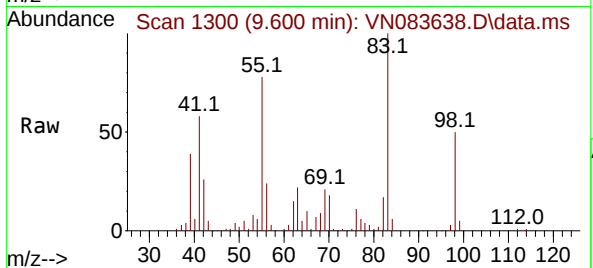
Tgt Ion: 83 Resp: 182992

Ion Ratio Lower Upper

83 100

55 77.7 62.2 93.4

98 49.8 37.6 56.4



#40

Benzene

Concen: 50.088 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VN083638.D

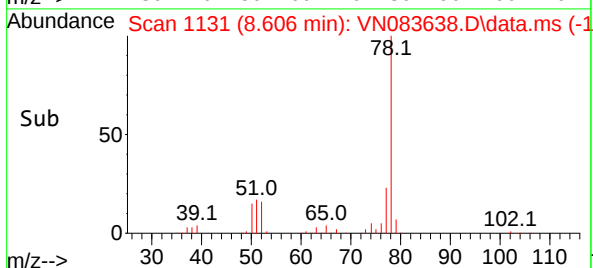
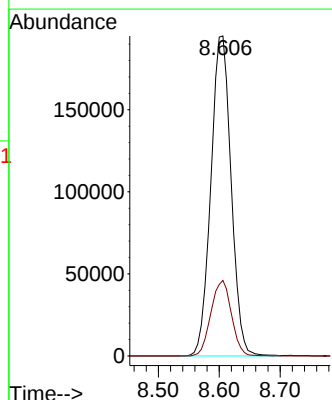
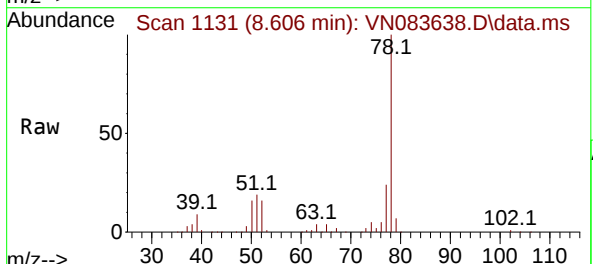
Acq: 04 Sep 2024 10:19

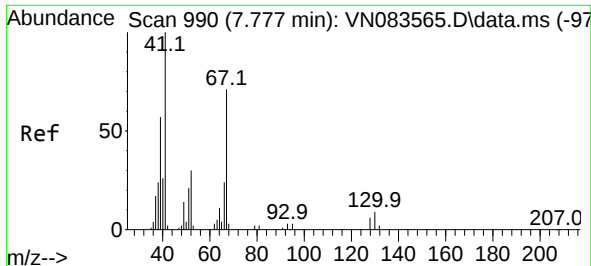
Tgt Ion: 78 Resp: 450944

Ion Ratio Lower Upper

78 100

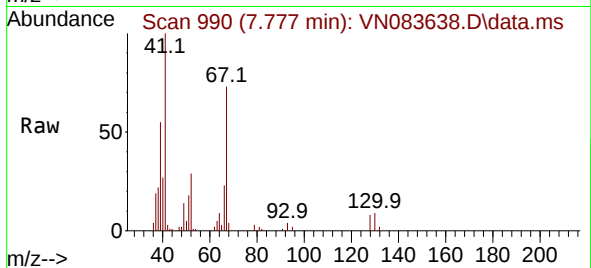
77 23.6 19.0 28.6



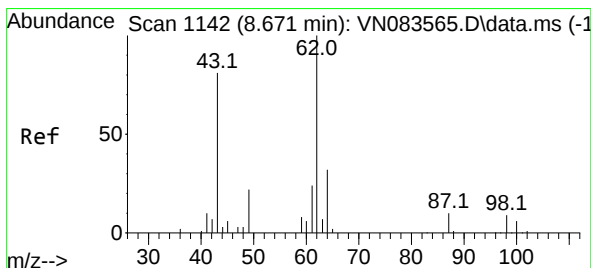
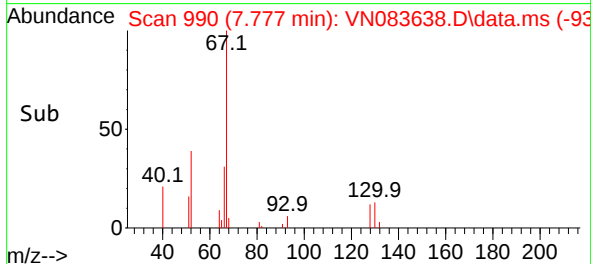
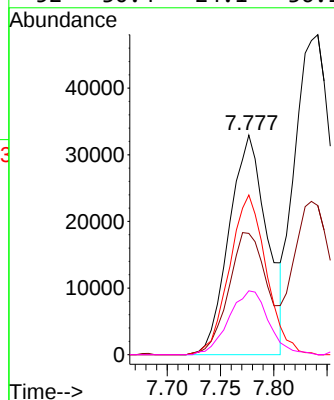


#41
Methacrylonitrile
Concen: 49.283 ug/l
RT: 7.777 min Scan# 990
Delta R.T. -0.000 min
Lab File: VN083638.D
Acq: 04 Sep 2024 10:19

Instrument :
MSVOA_N
ClientSampleId :

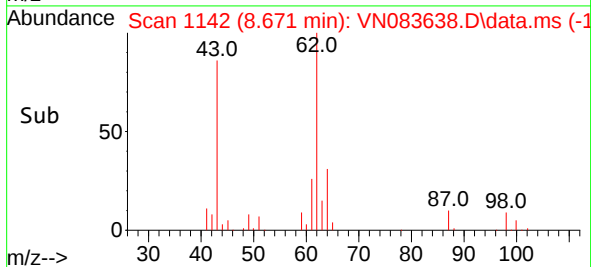
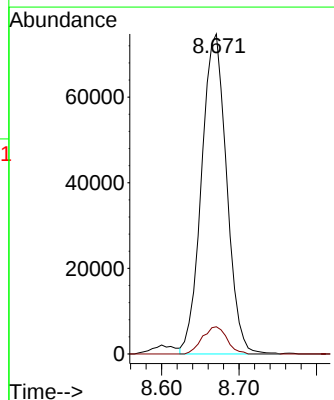
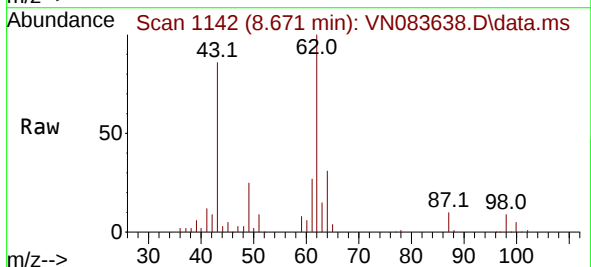


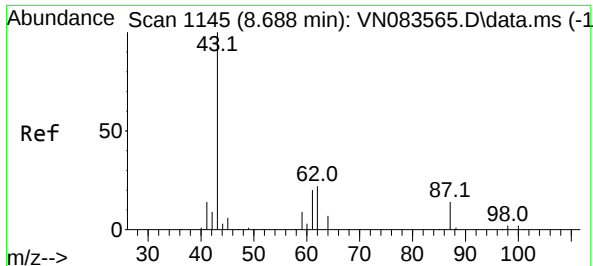
Tgt Ion:	41	Resp:	81914
Ion	Ratio	Lower	Upper
41	100		
39	53.9	45.4	68.2
67	70.3	55.9	83.9
52	30.4	24.1	36.1



#42
1,2-Dichloroethane
Concen: 50.331 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN083638.D
Acq: 04 Sep 2024 10:19

Tgt Ion:	62	Resp:	167967
Ion	Ratio	Lower	Upper
62	100		
98	8.3	0.0	16.6





#43

Isopropyl Acetate

Concen: 46.214 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. 0.000 min

Lab File: VN083638.D

Acq: 04 Sep 2024 10:19

Instrument :

MSVOA_N

ClientSampleId :

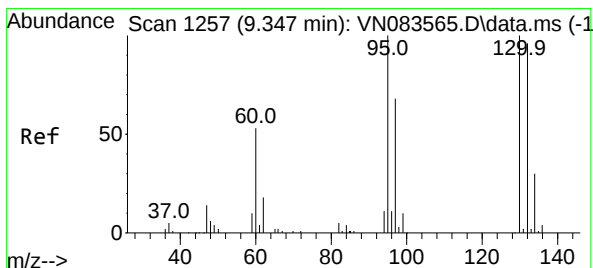
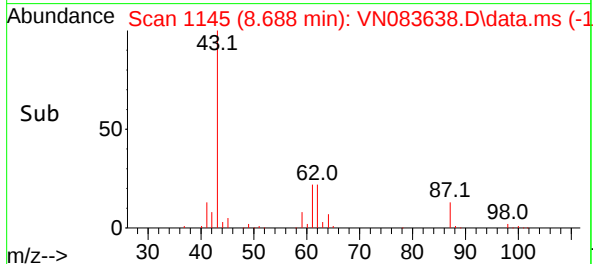
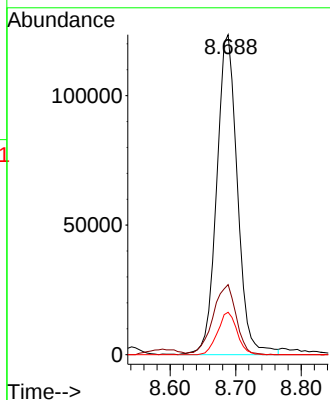
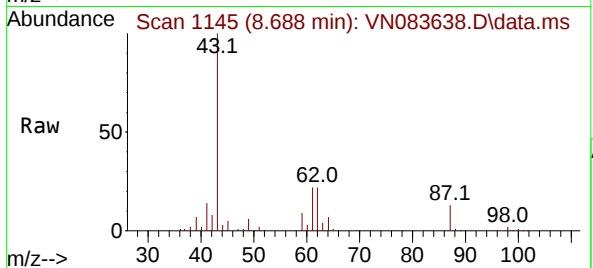
Tgt Ion: 43 Resp: 270639

Ion Ratio Lower Upper

43 100

61 24.5 19.4 29.0

87 12.4 9.8 14.6



#44

Trichloroethene

Concen: 48.761 ug/l

RT: 9.353 min Scan# 1258

Delta R.T. 0.006 min

Lab File: VN083638.D

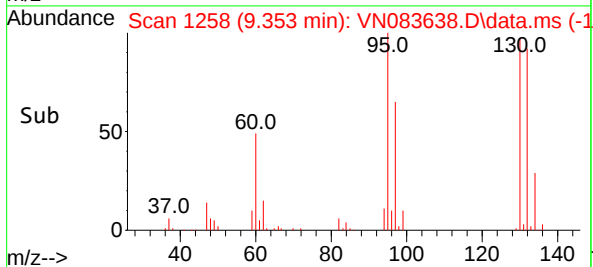
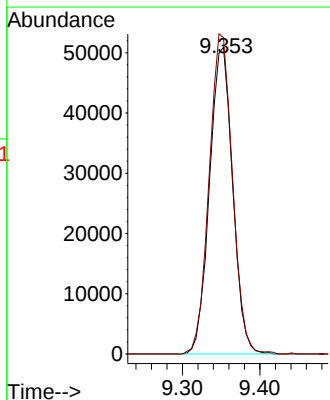
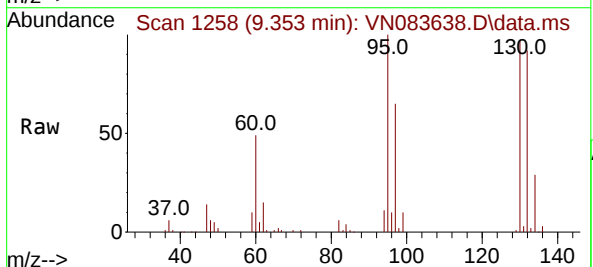
Acq: 04 Sep 2024 10:19

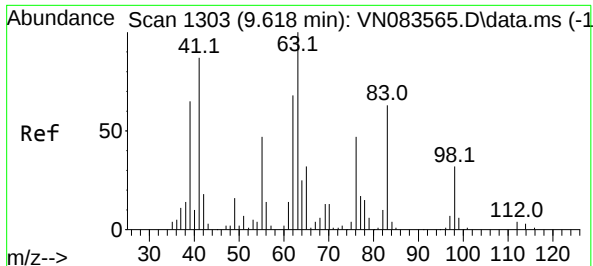
Tgt Ion:130 Resp: 105602

Ion Ratio Lower Upper

130 100

95 103.1 0.0 200.4





#45

1,2-Dichloropropane

Concen: 51.579 ug/l

RT: 9.618 min Scan# 1303

Delta R.T. -0.000 min

Lab File: VN083638.D

Acq: 04 Sep 2024 10:19

Instrument :

MSVOA_N

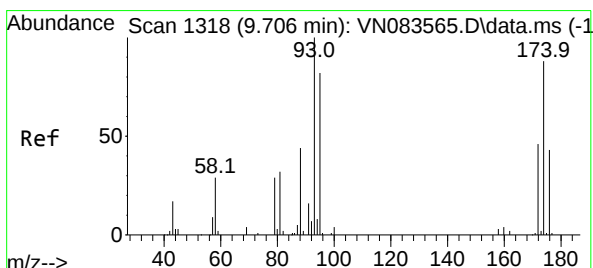
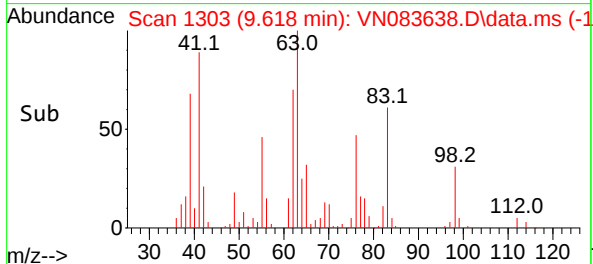
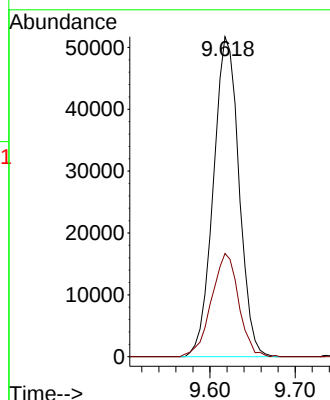
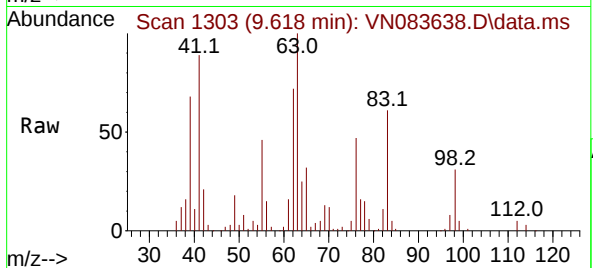
ClientSampleId :

Tgt Ion: 63 Resp: 108174

Ion Ratio Lower Upper

63 100

65 32.2 25.9 38.9



#46

Dibromomethane

Concen: 51.324 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. -0.000 min

Lab File: VN083638.D

Acq: 04 Sep 2024 10:19

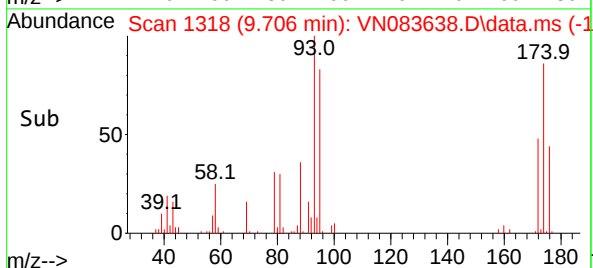
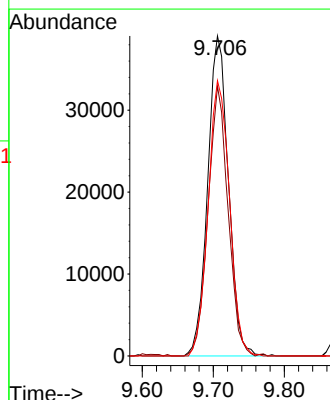
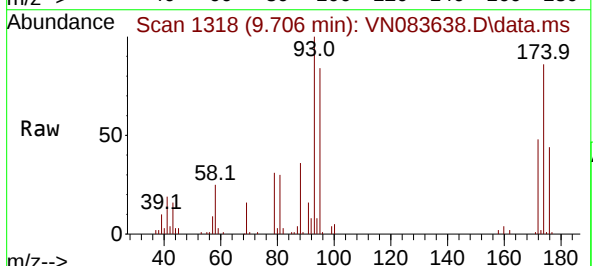
Tgt Ion: 93 Resp: 79410

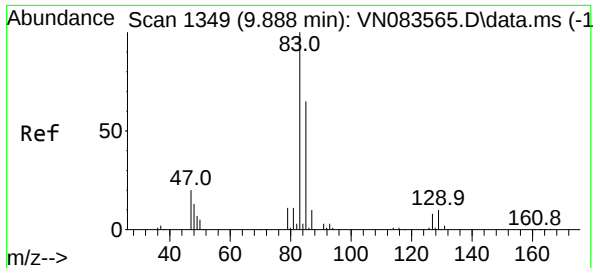
Ion Ratio Lower Upper

93 100

95 81.0 65.3 97.9

174 88.3 71.0 106.4

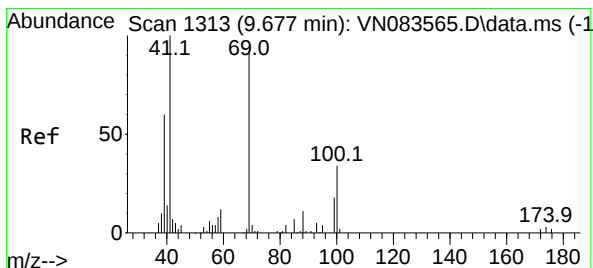
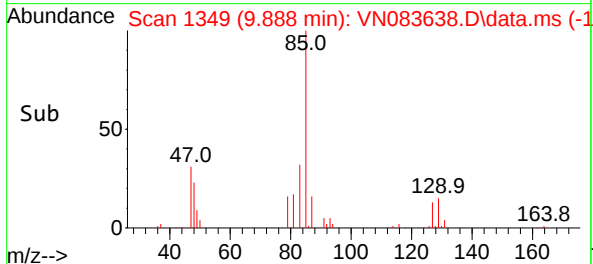
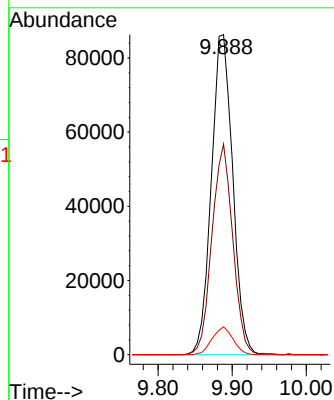
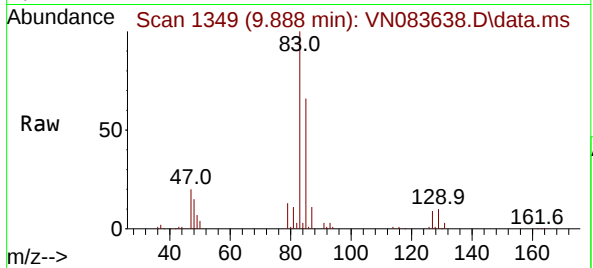




#47
Bromodichloromethane
Concen: 52.487 ug/l
RT: 9.888 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN083638.D
Acq: 04 Sep 2024 10:19

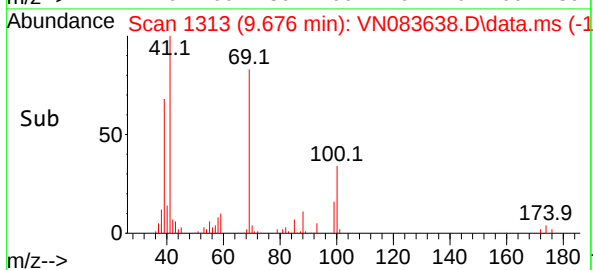
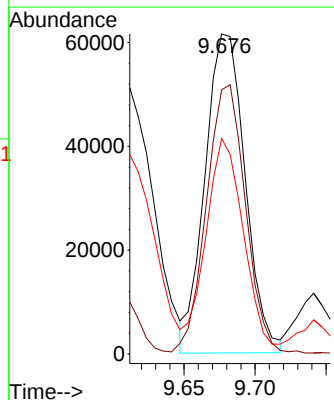
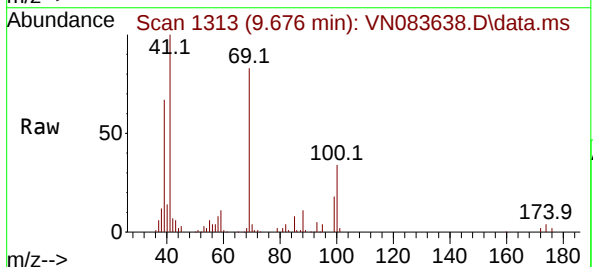
Instrument :
MSVOA_N
ClientSampleId :

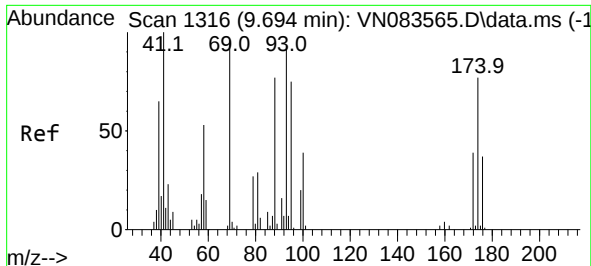
Tgt Ion: 83 Resp: 172871
Ion Ratio Lower Upper
83 100
85 65.8 51.8 77.8
127 8.7 6.6 9.8



#48
Methyl methacrylate
Concen: 50.603 ug/l
RT: 9.676 min Scan# 1313
Delta R.T. -0.000 min
Lab File: VN083638.D
Acq: 04 Sep 2024 10:19

Tgt Ion: 41 Resp: 120891
Ion Ratio Lower Upper
41 100
69 82.6 64.3 96.5
39 64.3 48.9 73.3





#49

1,4-Dioxane

Concen: 996.459 ug/l

RT: 9.694 min Scan# 1316

Delta R.T. -0.000 min

Lab File: VN083638.D

Acq: 04 Sep 2024 10:19

Instrument :

MSVOA_N

ClientSampleId :

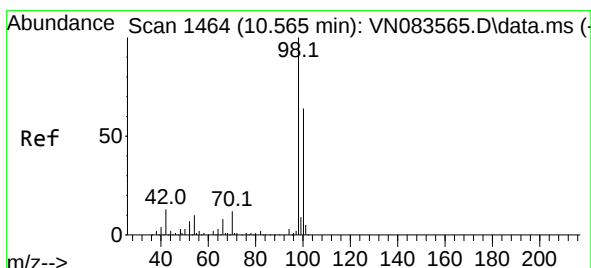
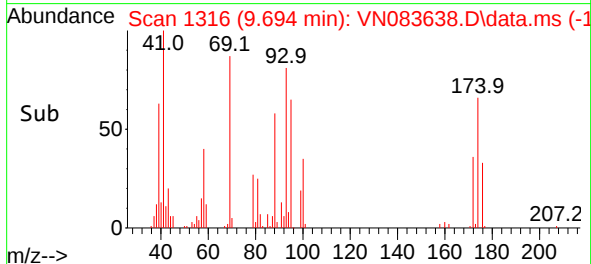
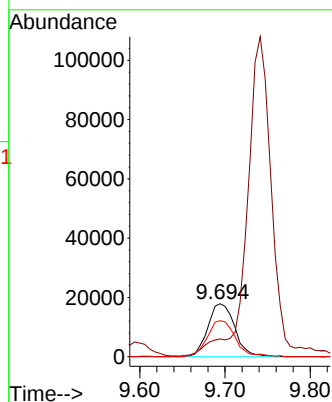
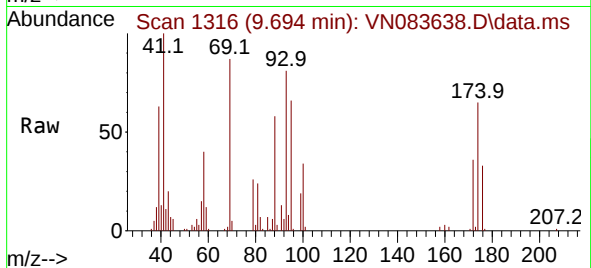
Tgt Ion: 88 Resp: 39007

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

58 71.3 57.1 85.7



#50

Toluene-d8

Concen: 52.489 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN083638.D

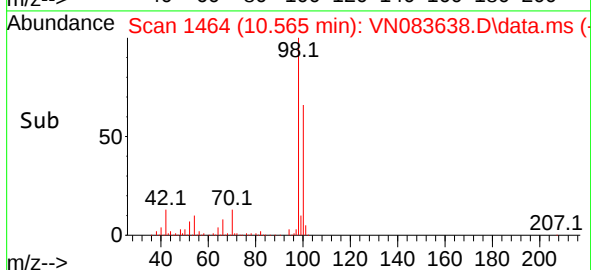
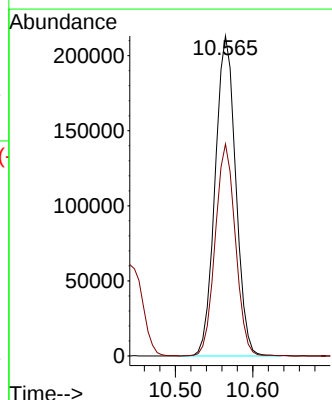
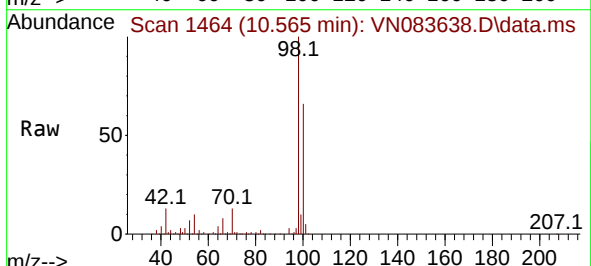
Acq: 04 Sep 2024 10:19

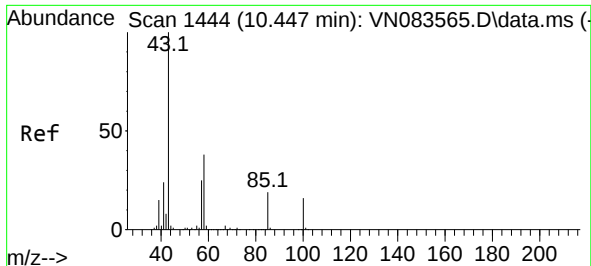
Tgt Ion: 98 Resp: 393067

Ion Ratio Lower Upper

98 100

100 64.9 52.0 78.0

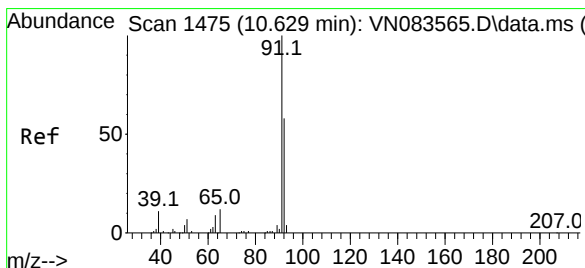
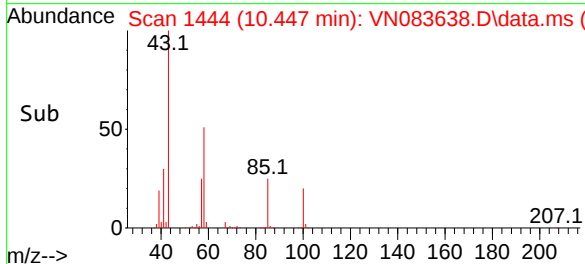
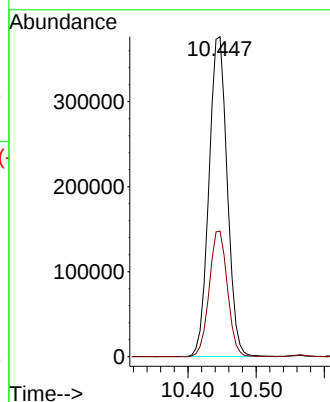
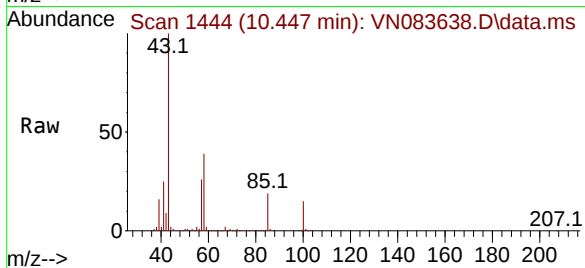




#51
4-Methyl-2-Pentanone
Concen: 259.201 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN083638.D
Acq: 04 Sep 2024 10:19

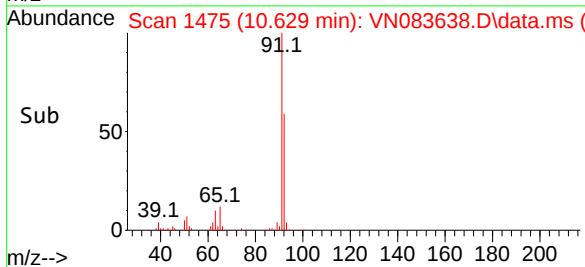
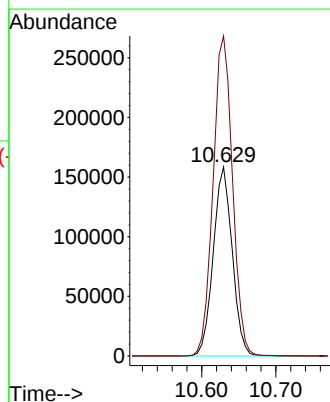
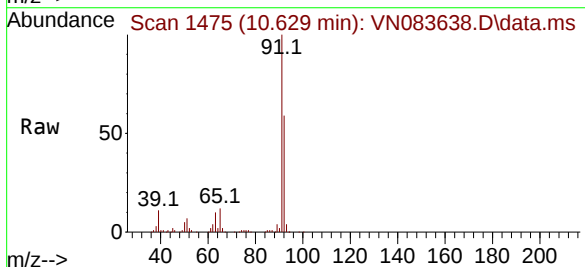
Instrument :
MSVOA_N
ClientSampleId :

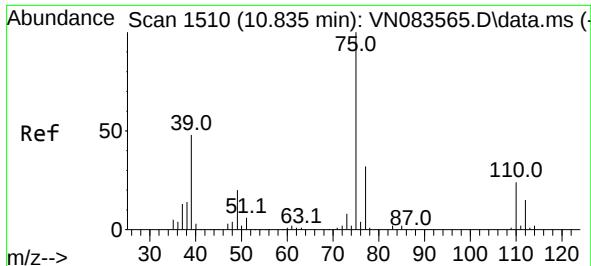
Tgt Ion: 43 Resp: 701883
Ion Ratio Lower Upper
43 100
58 39.2 31.6 47.4



#52
Toluene
Concen: 50.009 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN083638.D
Acq: 04 Sep 2024 10:19

Tgt Ion: 92 Resp: 281583
Ion Ratio Lower Upper
92 100
91 173.8 134.7 202.1





#53

t-1,3-Dichloropropene

Concen: 52.364 ug/l

RT: 10.835 min Scan# 1510

Delta R.T. -0.000 min

Lab File: VN083638.D

Acq: 04 Sep 2024 10:19

Instrument :

MSVOA_N

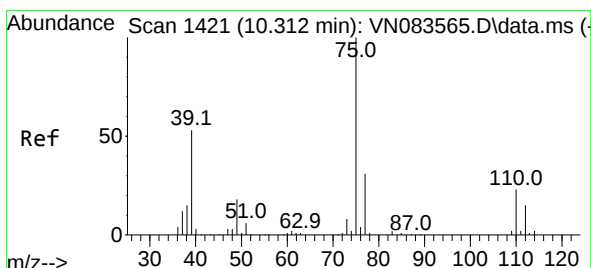
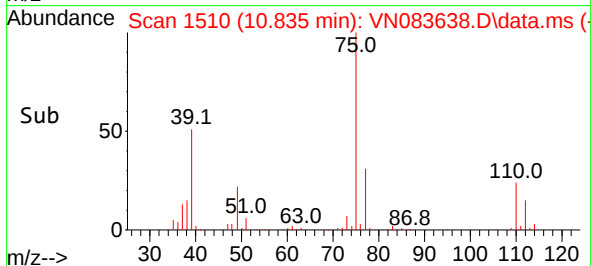
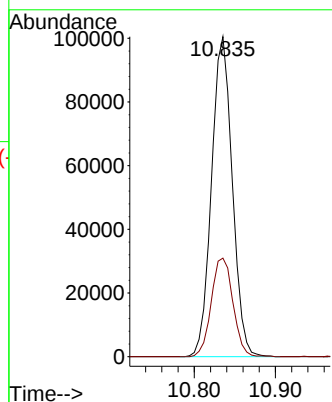
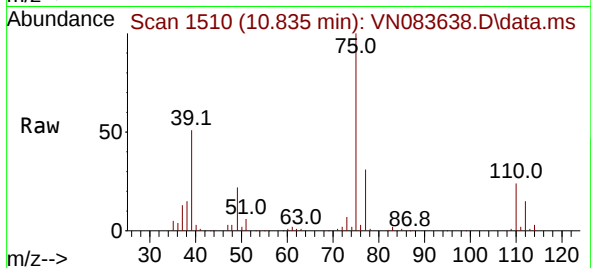
ClientSampleId :

Tgt Ion: 75 Resp: 178541

Ion Ratio Lower Upper

75 100

77 30.8 25.8 38.6



#54

cis-1,3-Dichloropropene

Concen: 52.060 ug/l

RT: 10.312 min Scan# 1421

Delta R.T. -0.000 min

Lab File: VN083638.D

Acq: 04 Sep 2024 10:19

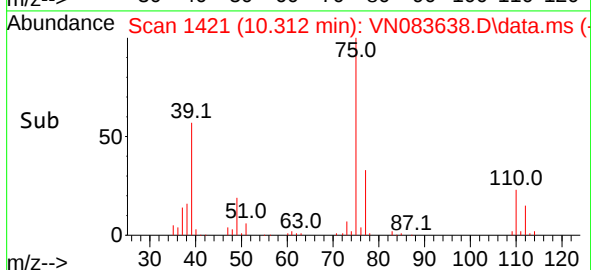
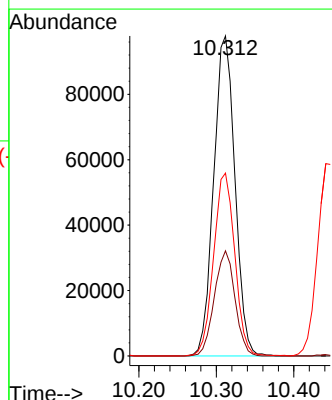
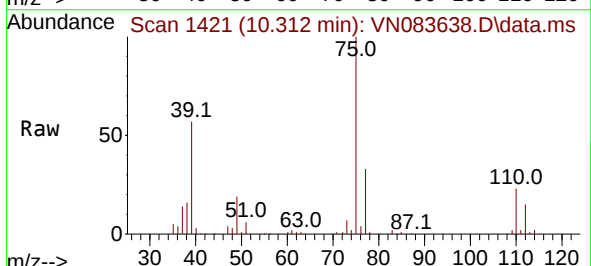
Tgt Ion: 75 Resp: 186313

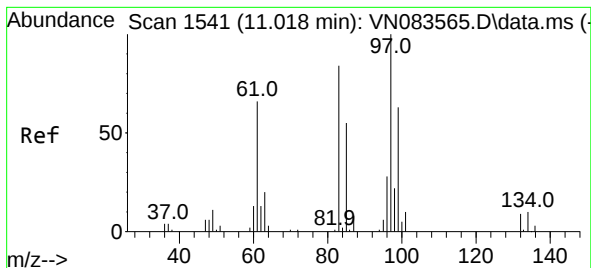
Ion Ratio Lower Upper

75 100

77 32.9 25.0 37.6

39 57.1 42.6 64.0





#55

1,1,2-Trichloroethane

Concen: 51.185 ug/l

RT: 11.018 min Scan# 1541

Delta R.T. -0.000 min

Lab File: VN083638.D

Acq: 04 Sep 2024 10:19

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion: 97 Resp: 102866

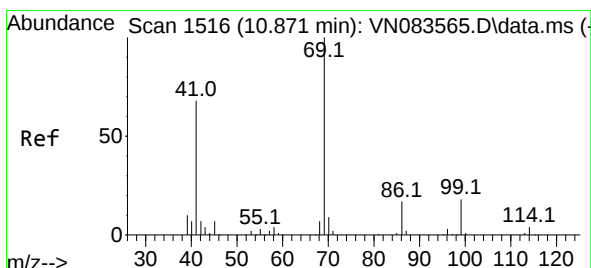
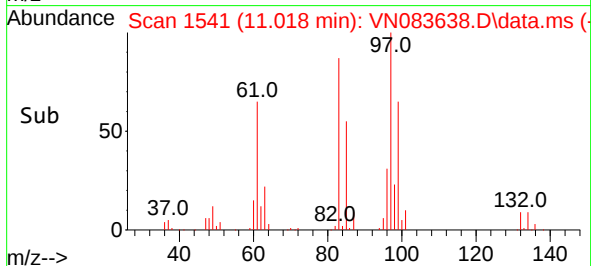
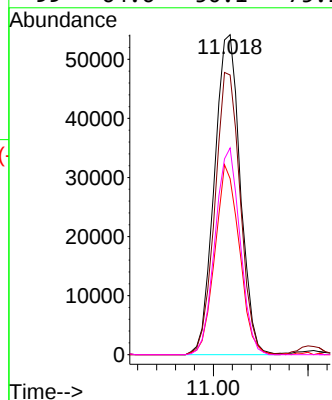
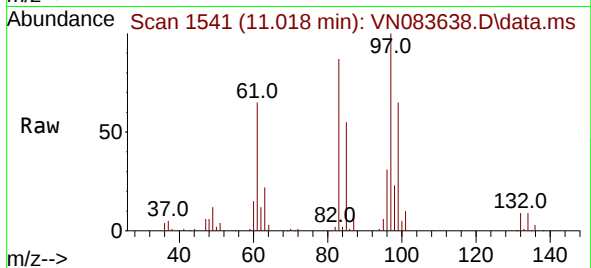
Ion Ratio Lower Upper

97 100

83 87.4 67.5 101.3

85 55.0 44.2 66.2

99 64.6 50.1 75.1



#56

Ethyl methacrylate

Concen: 54.297 ug/l

RT: 10.876 min Scan# 1517

Delta R.T. 0.006 min

Lab File: VN083638.D

Acq: 04 Sep 2024 10:19

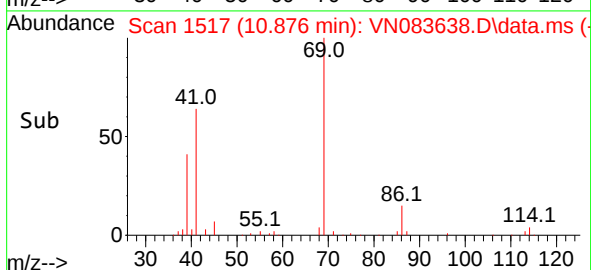
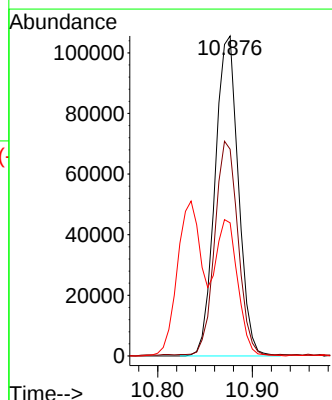
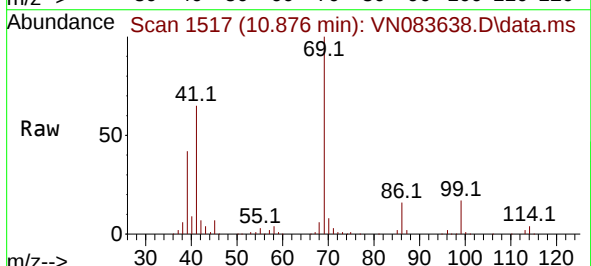
Tgt Ion: 69 Resp: 180518

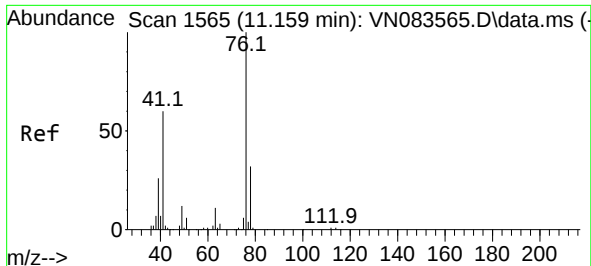
Ion Ratio Lower Upper

69 100

41 66.3 53.9 80.9

39 41.3 32.6 48.8

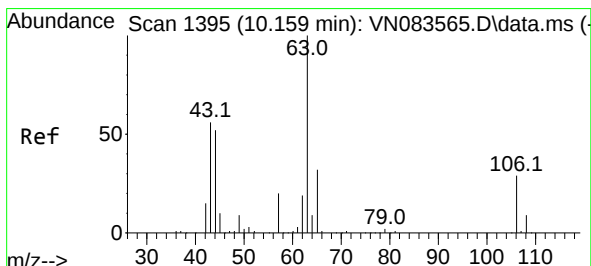
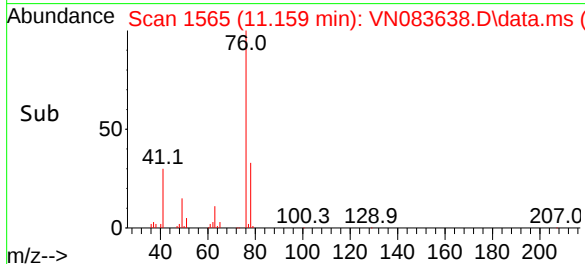
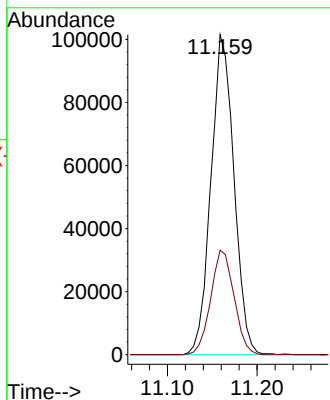
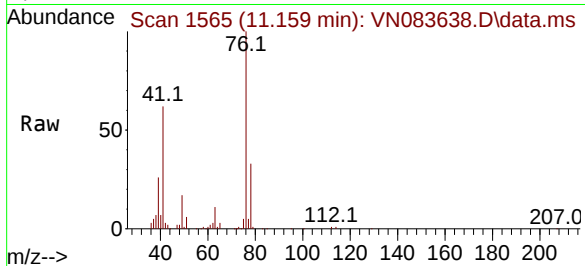




#57
1,3-Dichloropropane
Concen: 50.751 ug/l
RT: 11.159 min Scan# 1565
Delta R.T. -0.000 min
Lab File: VN083638.D
Acq: 04 Sep 2024 10:19

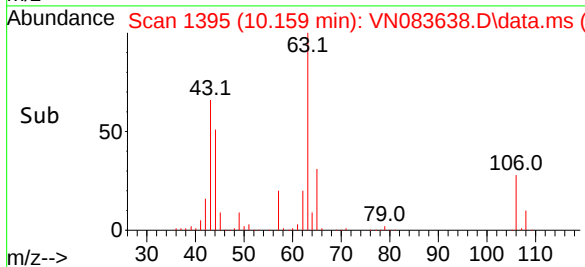
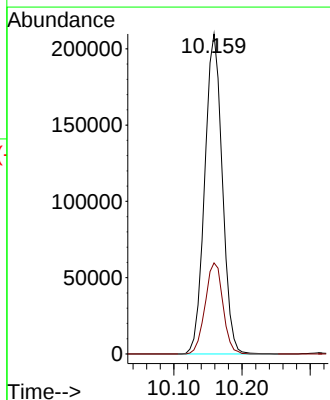
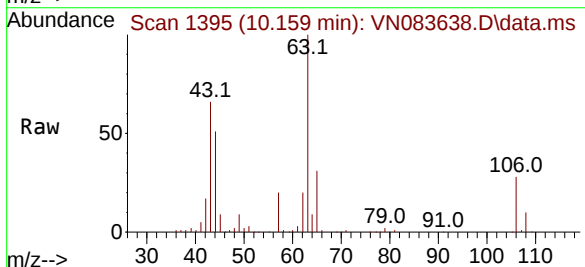
Instrument :
MSVOA_N
ClientSampleId :

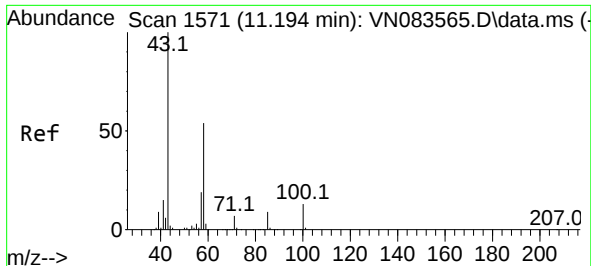
Tgt Ion: 76 Resp: 180572
Ion Ratio Lower Upper
76 100
78 33.1 25.8 38.6



#58
2-Chloroethyl Vinyl ether
Concen: 259.806 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VN083638.D
Acq: 04 Sep 2024 10:19

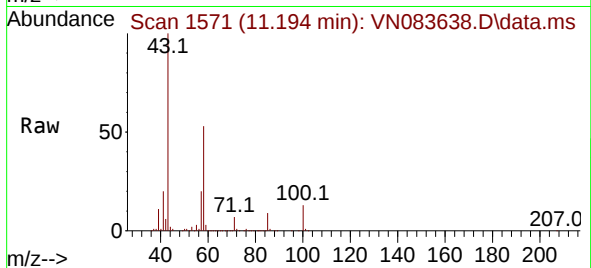
Tgt Ion: 63 Resp: 375321
Ion Ratio Lower Upper
63 100
106 28.7 23.3 34.9



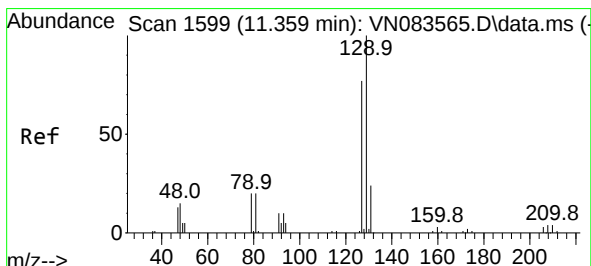
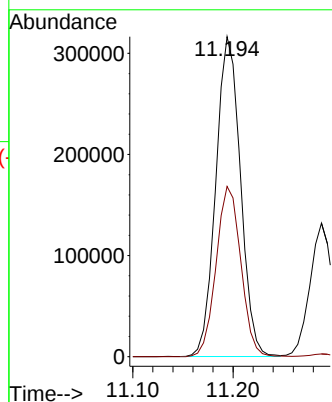
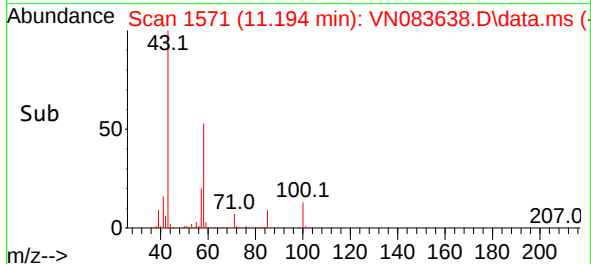


#59
2-Hexanone
Concen: 265.638 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VN083638.D
Acq: 04 Sep 2024 10:19

Instrument :
MSVOA_N
ClientSampleId :

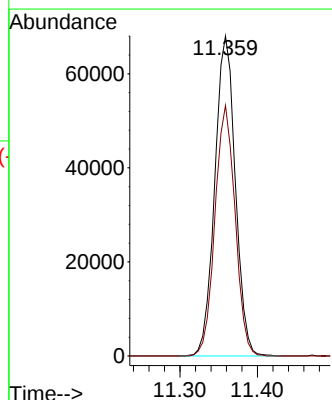
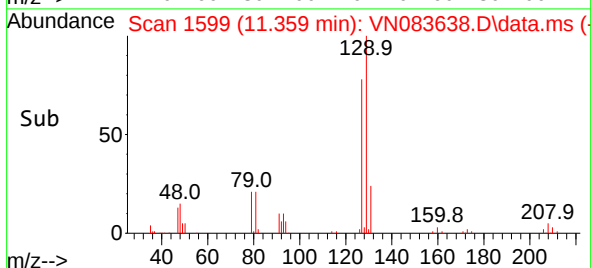
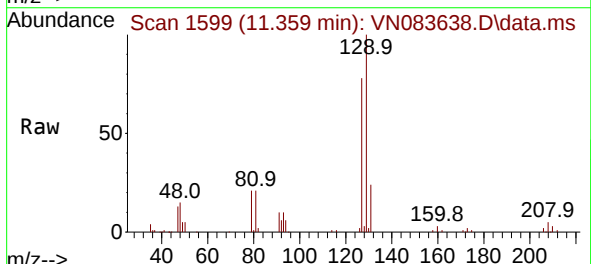


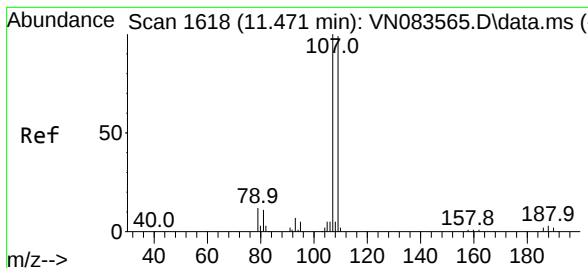
Tgt Ion: 43 Resp: 539827
Ion Ratio Lower Upper
43 100
58 53.4 27.2 81.5



#60
Dibromochloromethane
Concen: 53.775 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN083638.D
Acq: 04 Sep 2024 10:19

Tgt Ion: 129 Resp: 125224
Ion Ratio Lower Upper
129 100
127 76.8 39.0 116.9

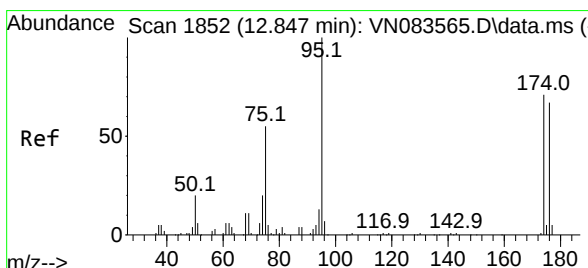
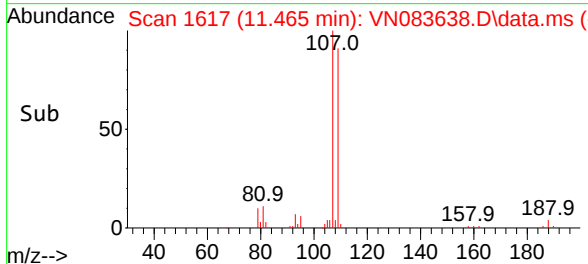
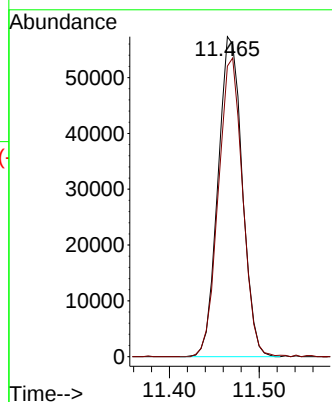
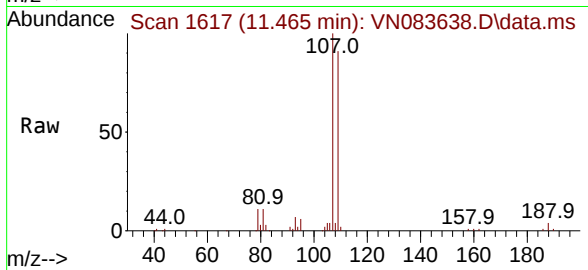




#61
1,2-Dibromoethane
Concen: 52.341 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. -0.006 min
Lab File: VN083638.D
Acq: 04 Sep 2024 10:19

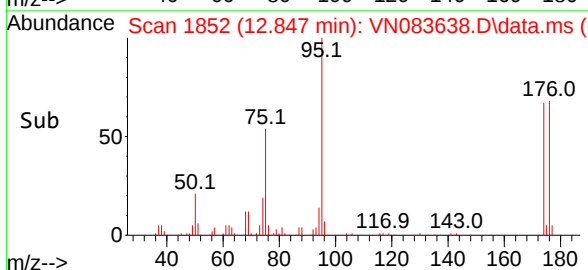
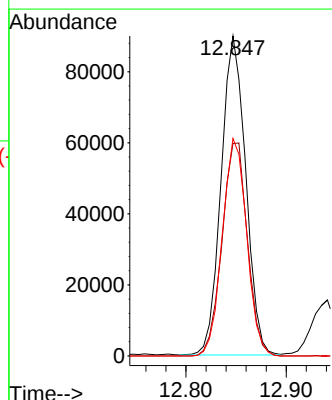
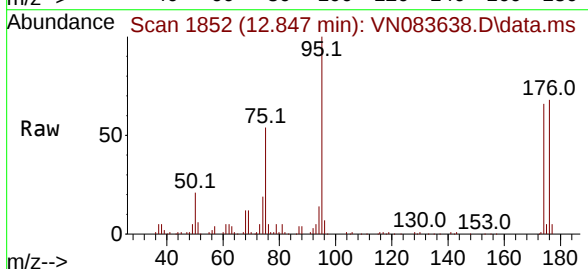
Instrument :
MSVOA_N
ClientSampleId :

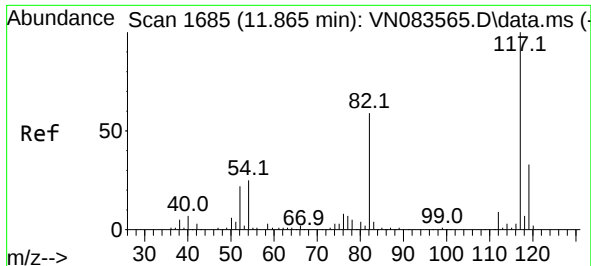
Tgt Ion:107 Resp: 107468
Ion Ratio Lower Upper
107 100
109 93.5 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 55.292 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN083638.D
Acq: 04 Sep 2024 10:19

Tgt Ion: 95 Resp: 153044
Ion Ratio Lower Upper
95 100
174 68.8 0.0 139.8
176 67.5 0.0 131.4

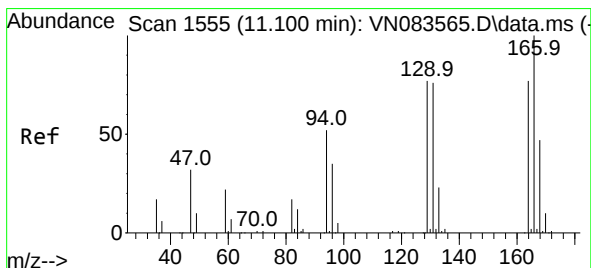
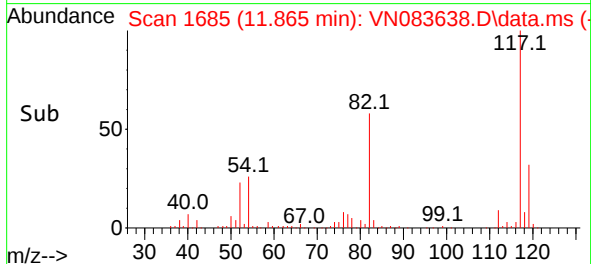
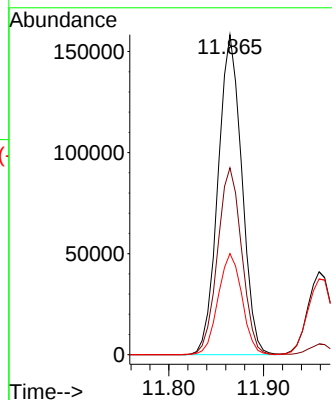
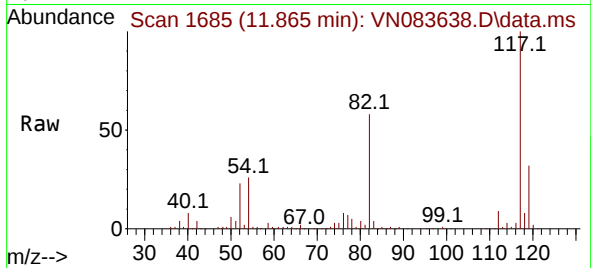




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN083638.D
Acq: 04 Sep 2024 10:19

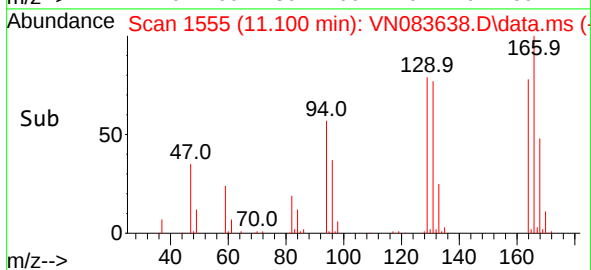
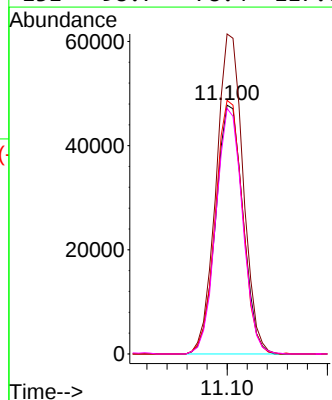
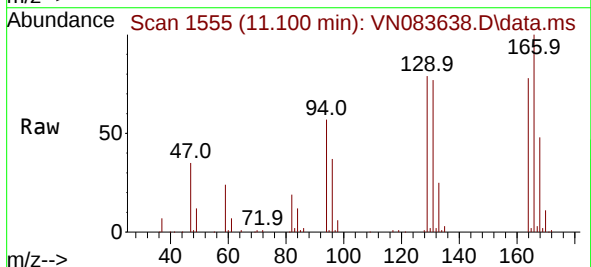
Instrument :
MSVOA_N
ClientSampleId :

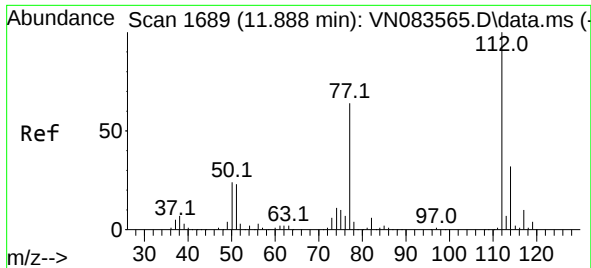
Tgt Ion:117 Resp: 276368
Ion Ratio Lower Upper
117 100
82 58.4 47.4 71.0
119 31.6 26.3 39.5



#64
Tetrachloroethene
Concen: 49.471 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VN083638.D
Acq: 04 Sep 2024 10:19

Tgt Ion:164 Resp: 89868
Ion Ratio Lower Upper
164 100
166 128.6 103.7 155.5
129 101.9 79.9 119.9
131 98.7 78.4 117.6

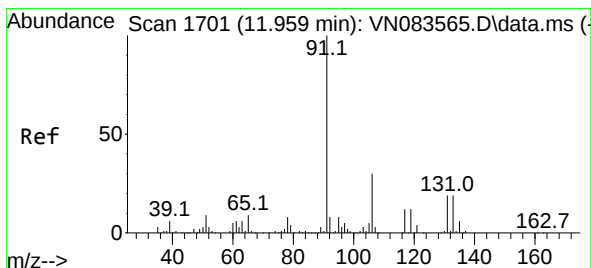
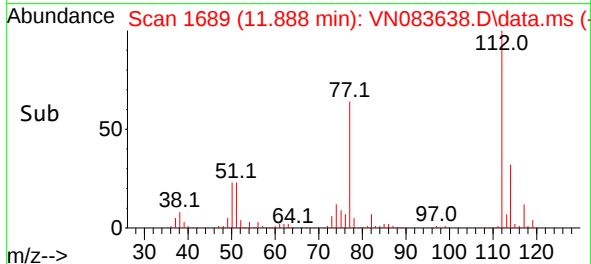
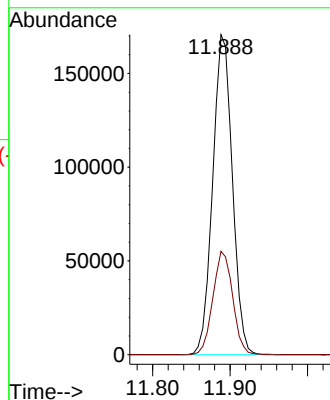
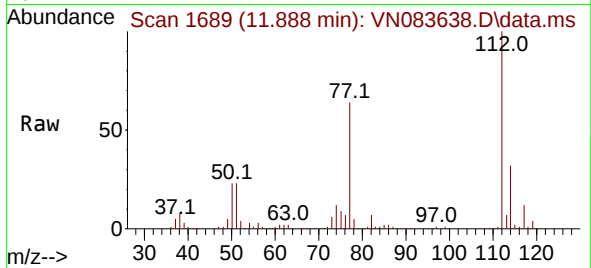




#65
Chlorobenzene
Concen: 48.475 ug/l
RT: 11.888 min Scan# 112
Delta R.T. -0.000 min
Lab File: VN083638.D
Acq: 04 Sep 2024 10:19

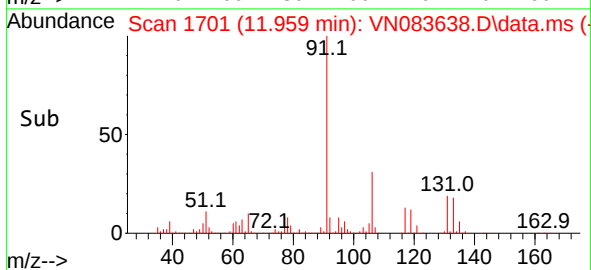
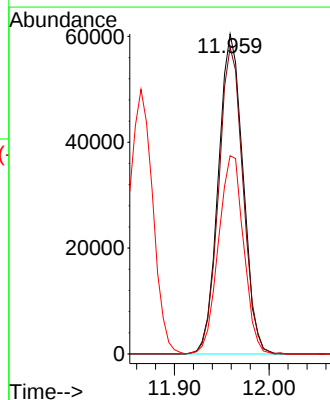
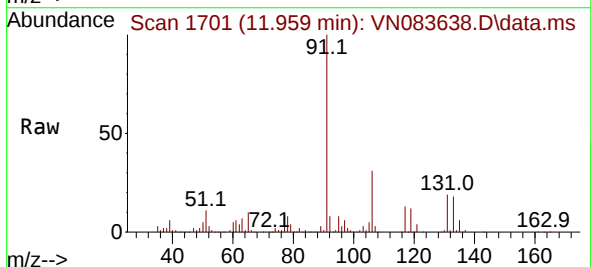
Instrument :
MSVOA_N
ClientSampleId :

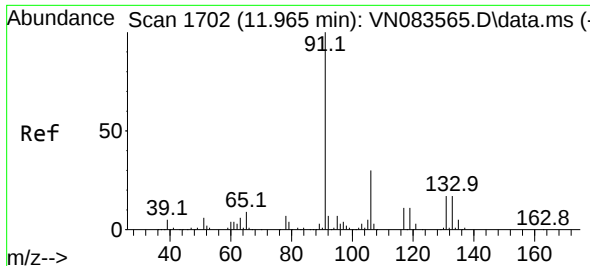
Tgt Ion:112 Resp: 300448
Ion Ratio Lower Upper
112 100
114 32.3 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 52.211 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN083638.D
Acq: 04 Sep 2024 10:19

Tgt Ion:131 Resp: 109257
Ion Ratio Lower Upper
131 100
133 95.0 47.5 142.6
119 63.5 31.6 94.8

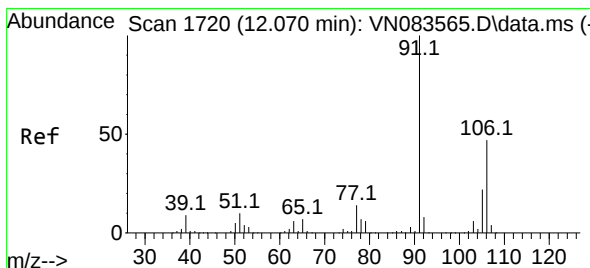
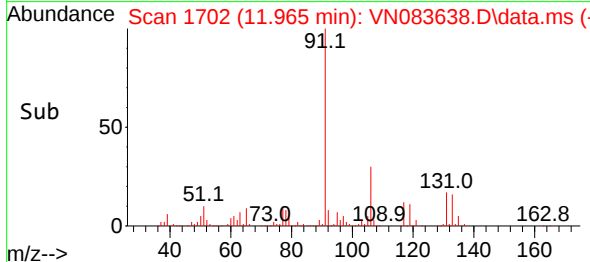
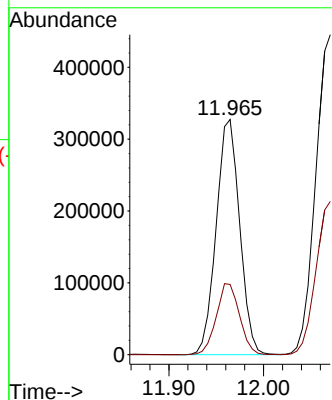
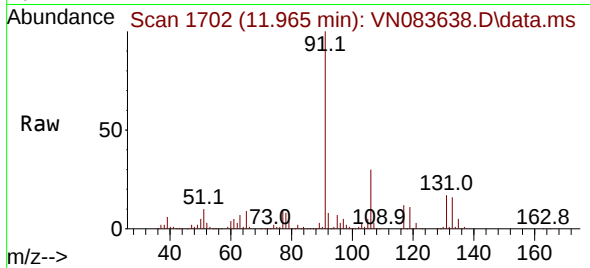




#67
Ethyl Benzene
Concen: 50.977 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN083638.D
Acq: 04 Sep 2024 10:19

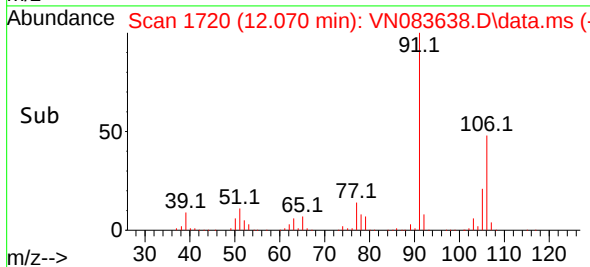
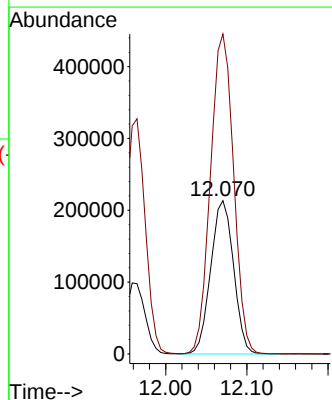
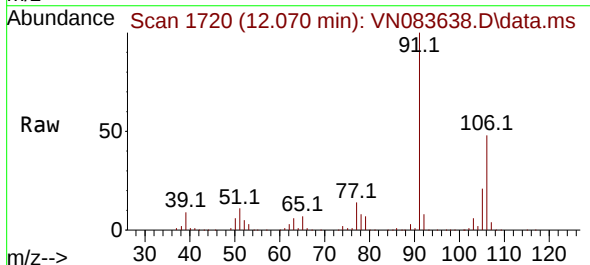
Instrument :
MSVOA_N
ClientSampleId :

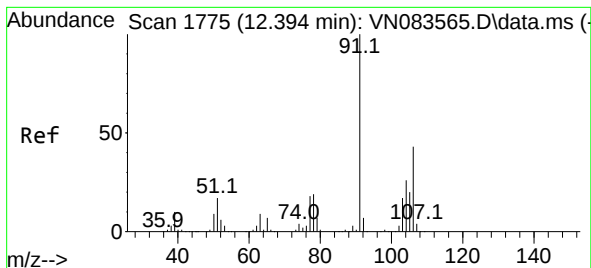
Tgt Ion: 91 Resp: 563986
Ion Ratio Lower Upper
91 100
106 29.9 24.3 36.5



#68
m/p-Xylenes
Concen: 100.108 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN083638.D
Acq: 04 Sep 2024 10:19

Tgt Ion:106 Resp: 417230
Ion Ratio Lower Upper
106 100
91 211.6 169.2 253.8

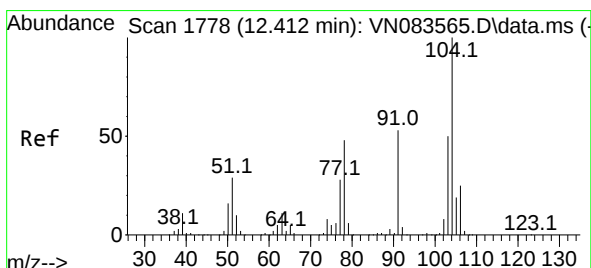
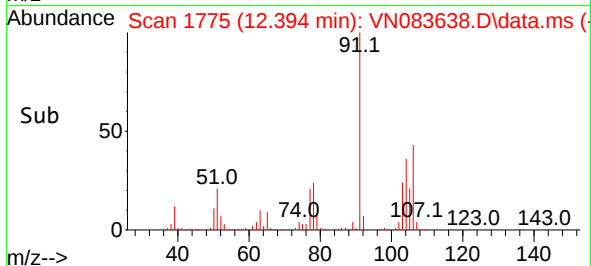
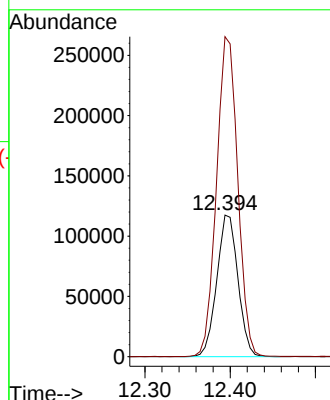
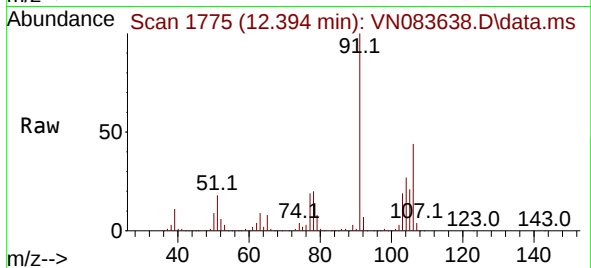




#69
o-Xylene
Concen: 50.295 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN083638.D
Acq: 04 Sep 2024 10:19

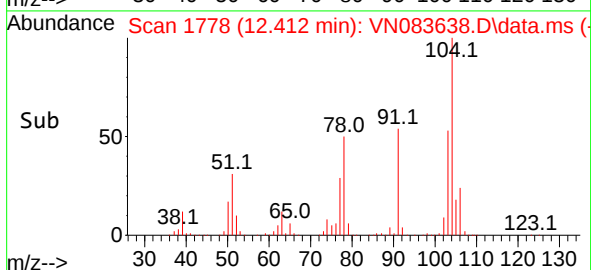
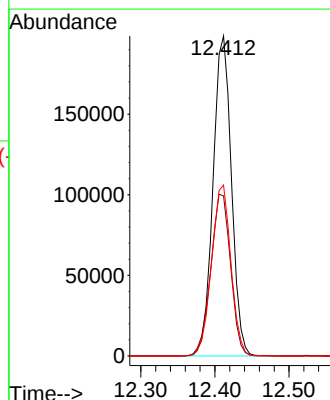
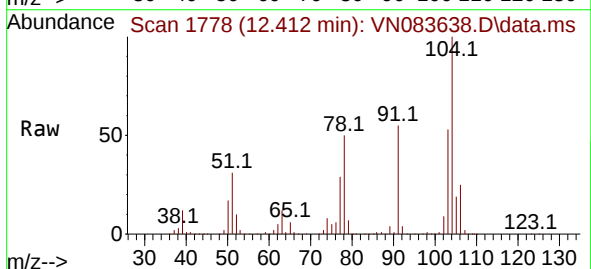
Instrument :
MSVOA_N
ClientSampleId :

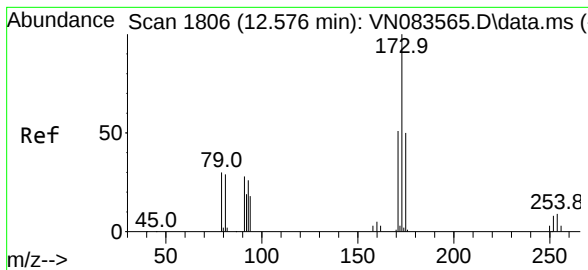
Tgt Ion:106 Resp: 202600
Ion Ratio Lower Upper
106 100
91 227.1 112.9 338.6



#70
Styrene
Concen: 50.446 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN083638.D
Acq: 04 Sep 2024 10:19

Tgt Ion:104 Resp: 341674
Ion Ratio Lower Upper
104 100
78 54.6 43.3 64.9
103 56.2 43.4 65.2

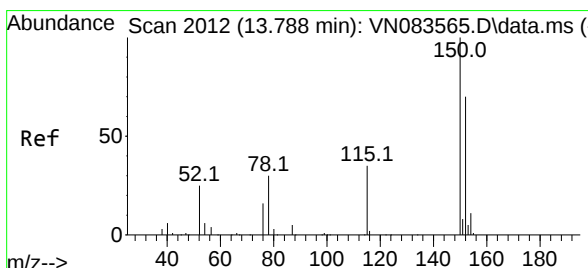
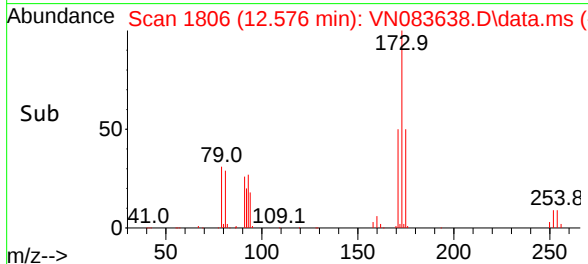
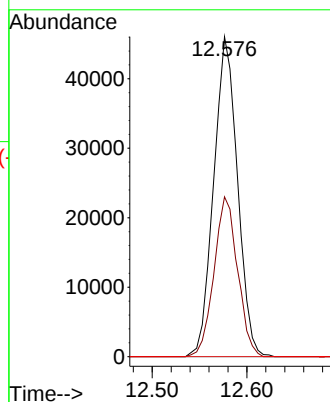
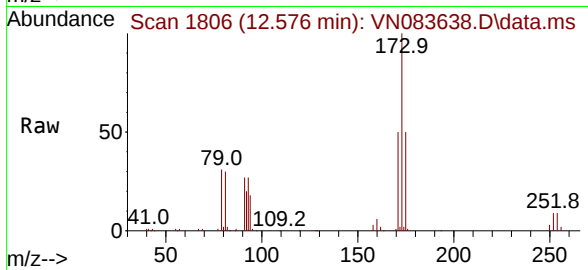




#71
Bromoform
Concen: 53.961 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VN083638.D
Acq: 04 Sep 2024 10:19

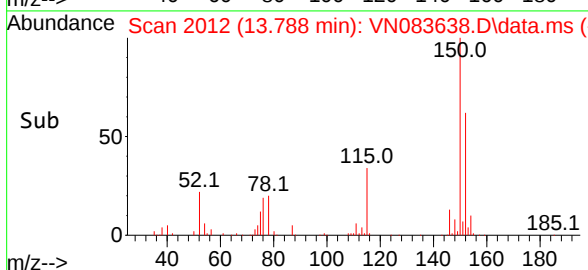
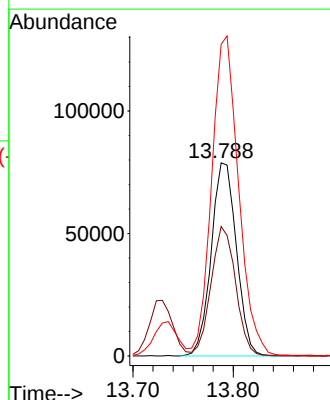
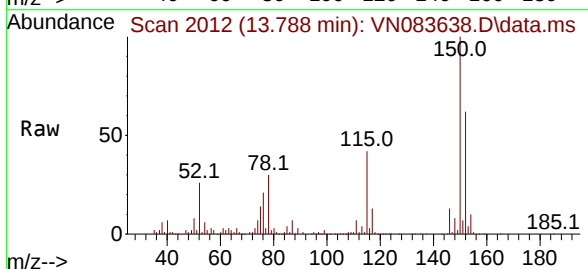
Instrument :
MSVOA_N
ClientSampleId :

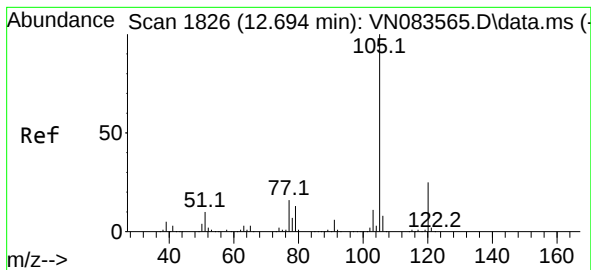
Tgt Ion:173 Resp: 80429
Ion Ratio Lower Upper
173 100
175 49.4 24.1 72.2
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN083638.D
Acq: 04 Sep 2024 10:19

Tgt Ion:152 Resp: 137762
Ion Ratio Lower Upper
152 100
115 64.6 32.2 96.6
150 177.3 0.0 348.6





#73

Isopropylbenzene

Concen: 48.878 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. -0.000 min

Lab File: VN083638.D

Acq: 04 Sep 2024 10:19

Instrument :

MSVOA_N

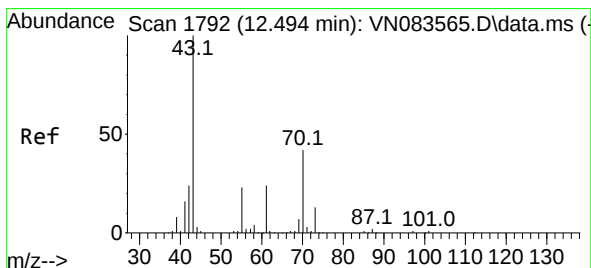
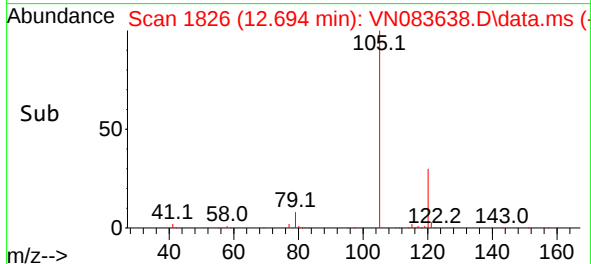
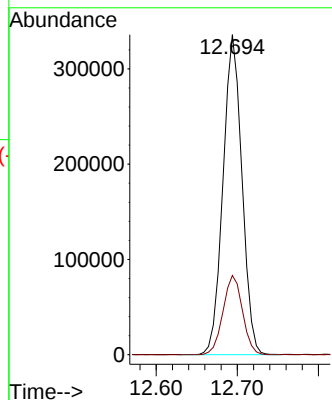
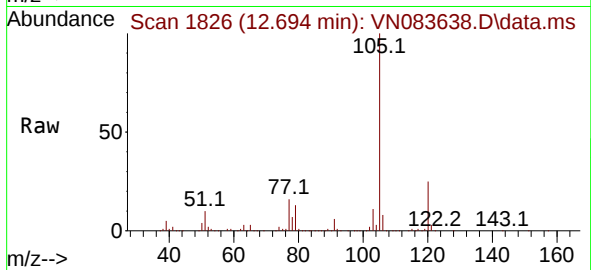
ClientSampleId :

Tgt Ion:105 Resp: 544992

Ion Ratio Lower Upper

105 100

120 25.4 12.6 37.8



#74

N-ethyl acetate

Concen: 49.012 ug/l

RT: 12.494 min Scan# 1792

Delta R.T. -0.000 min

Lab File: VN083638.D

Acq: 04 Sep 2024 10:19

Tgt Ion: 43 Resp: 237200

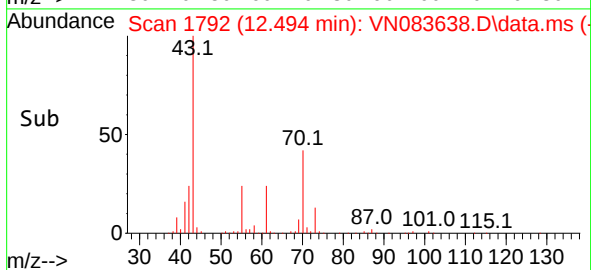
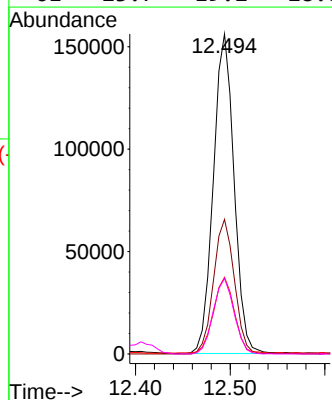
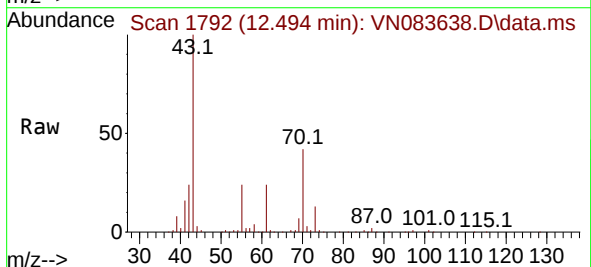
Ion Ratio Lower Upper

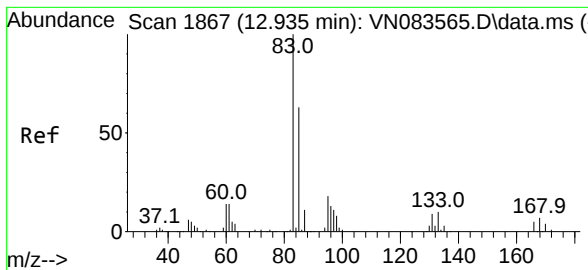
43 100

70 42.3 34.5 51.7

55 23.9 18.6 28.0

61 23.7 19.2 28.8

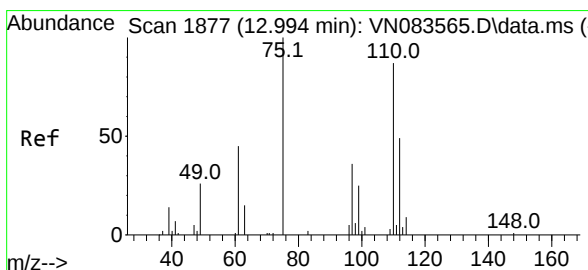
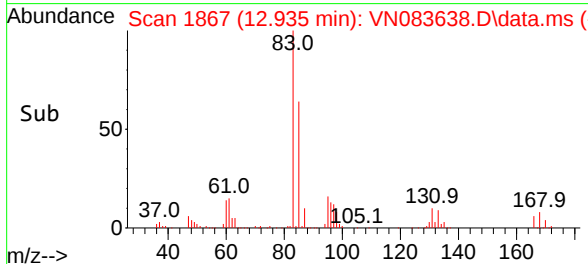
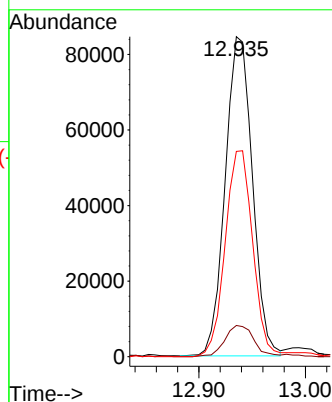
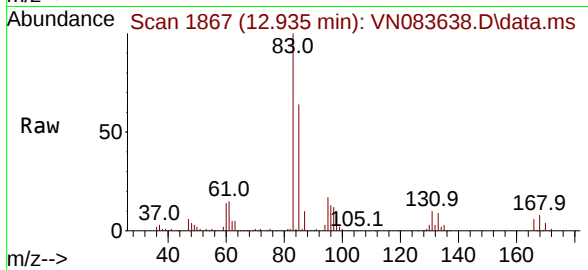




#75
1,1,2,2-Tetrachloroethane
Concen: 47.404 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VN083638.D
Acq: 04 Sep 2024 10:19

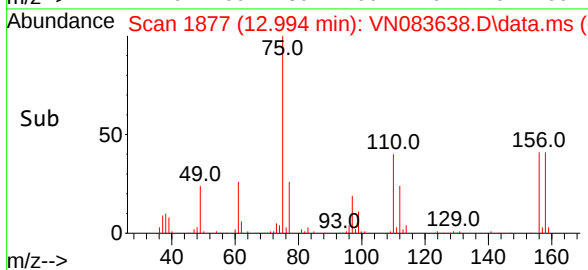
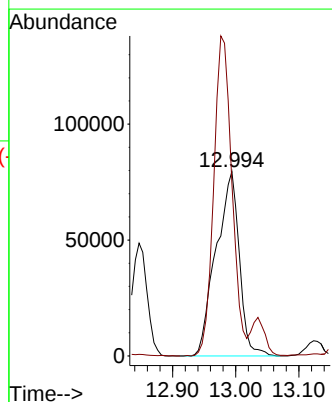
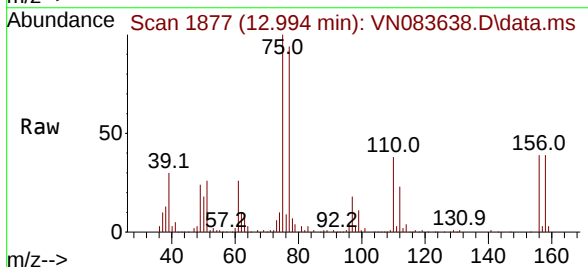
Instrument :
MSVOA_N
ClientSampleId :

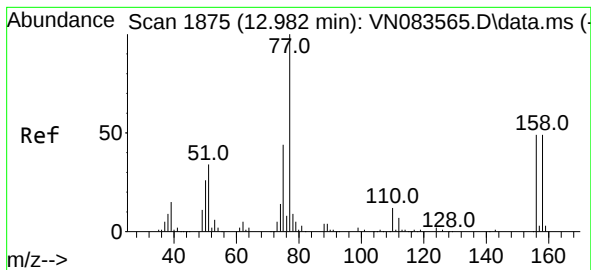
Tgt Ion: 83 Resp: 150053
Ion Ratio Lower Upper
83 100
131 10.4 5.2 15.6
85 66.5 31.9 95.9



#76
1,2,3-Trichloropropane
Concen: 73.047 ug/l
RT: 12.994 min Scan# 1877
Delta R.T. -0.000 min
Lab File: VN083638.D
Acq: 04 Sep 2024 10:19

Tgt Ion: 75 Resp: 203172
Ion Ratio Lower Upper
75 100
77 136.1 95.2 285.6





#77

Bromobenzene

Concen: 46.210 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. -0.000 min

Lab File: VN083638.D

Acq: 04 Sep 2024 10:19

Instrument :

MSVOA_N

ClientSampleId :

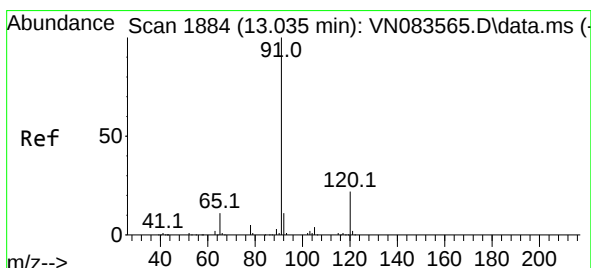
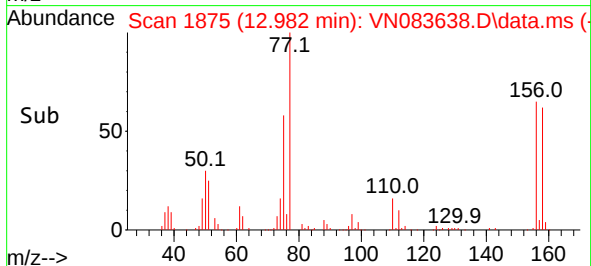
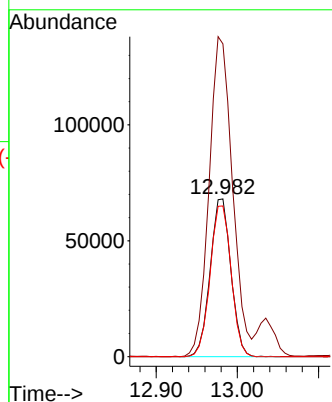
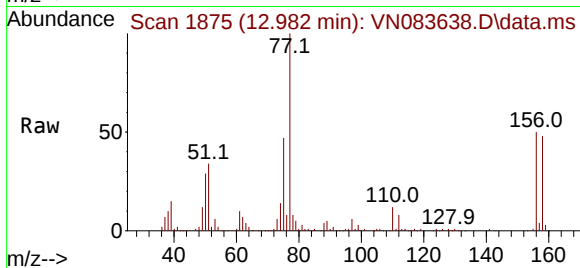
Tgt Ion:156 Resp: 120883

Ion Ratio Lower Upper

156 100

77 228.8 114.3 343.1

158 96.9 48.9 146.7



#78

n-propylbenzene

Concen: 48.958 ug/l

RT: 13.035 min Scan# 1884

Delta R.T. -0.000 min

Lab File: VN083638.D

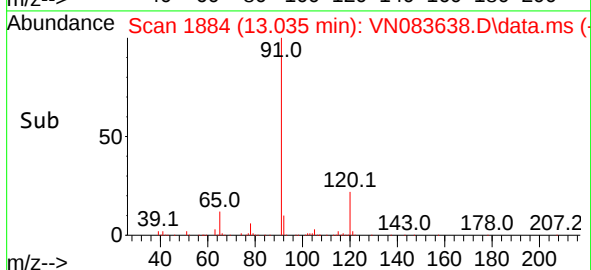
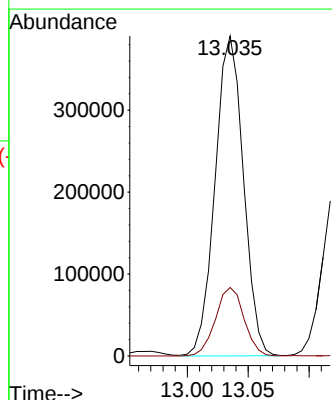
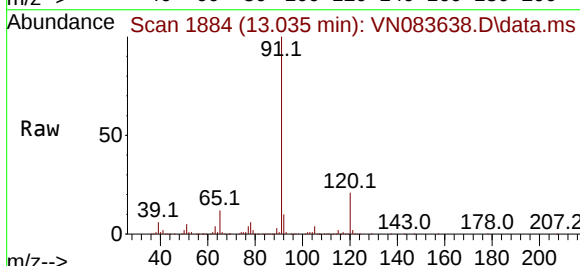
Acq: 04 Sep 2024 10:19

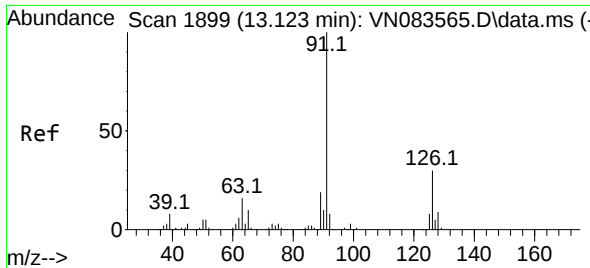
Tgt Ion: 91 Resp: 631144

Ion Ratio Lower Upper

91 100

120 21.5 11.0 33.0

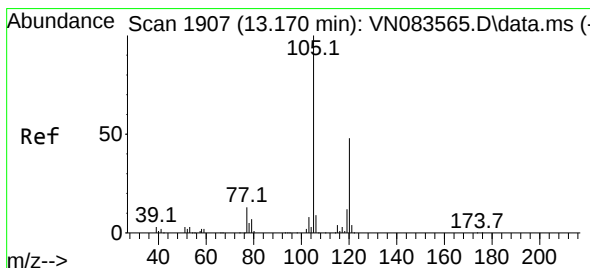
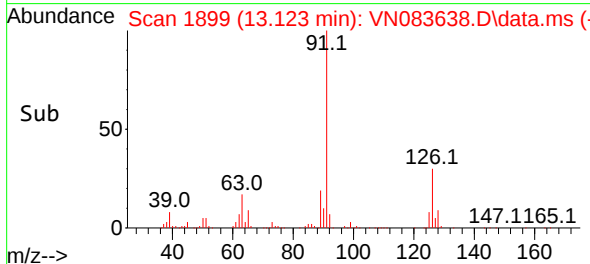
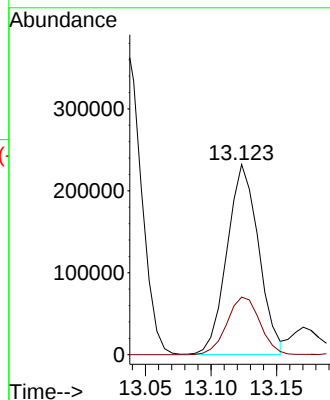
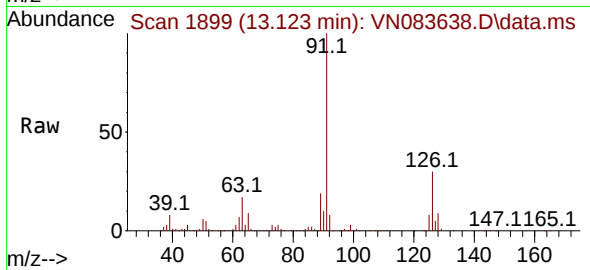




#79
2-Chlorotoluene
Concen: 46.644 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN083638.D
Acq: 04 Sep 2024 10:19

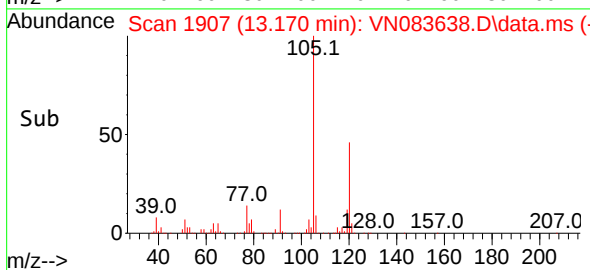
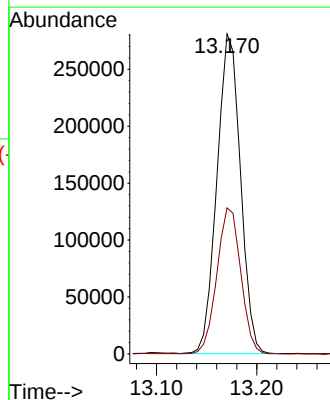
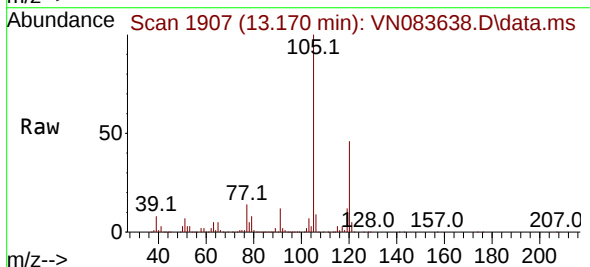
Instrument :
MSVOA_N
ClientSampleId :

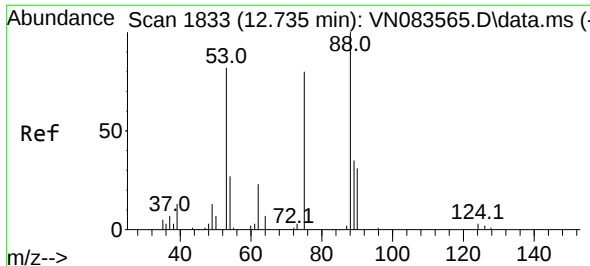
Tgt Ion: 91 Resp: 389648
Ion Ratio Lower Upper
91 100
126 31.6 15.4 46.2



#80
1,3,5-Trimethylbenzene
Concen: 48.588 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN083638.D
Acq: 04 Sep 2024 10:19

Tgt Ion:105 Resp: 456391
Ion Ratio Lower Upper
105 100
120 46.5 23.4 70.3

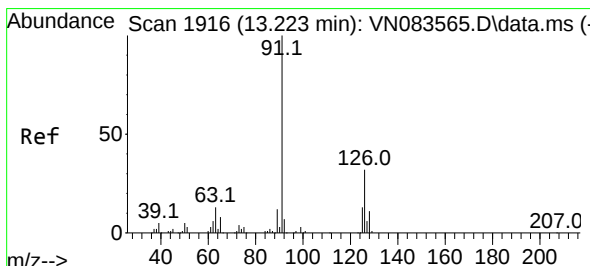
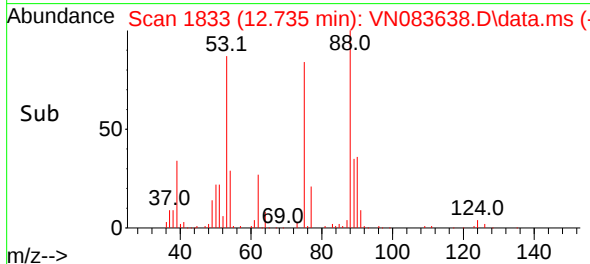
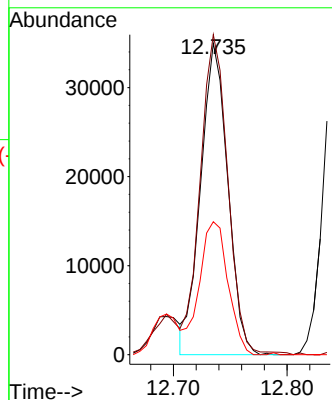
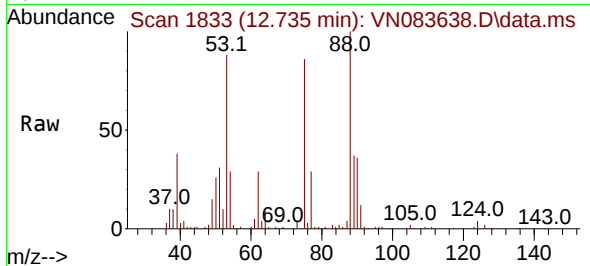




#81
trans-1,4-Dichloro-2-butene
Concen: 49.250 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN083638.D
Acq: 04 Sep 2024 10:19

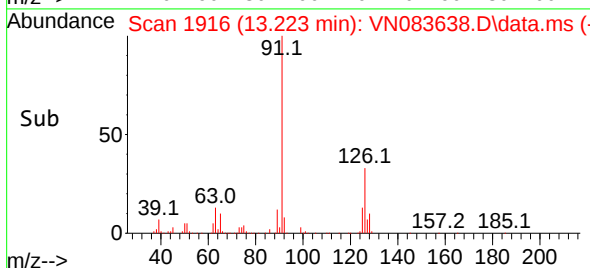
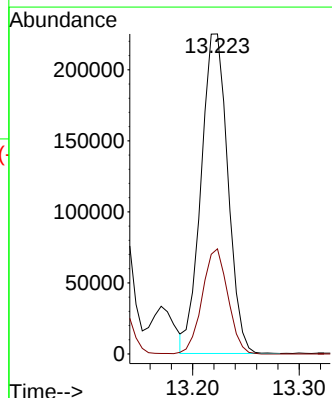
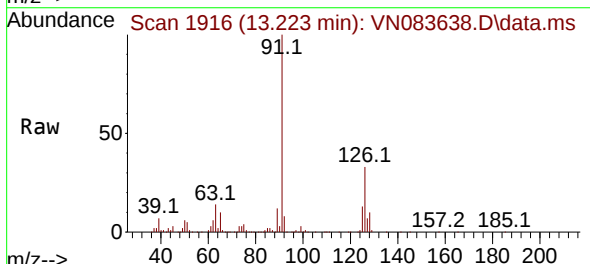
Instrument :
MSVOA_N
ClientSampleId :

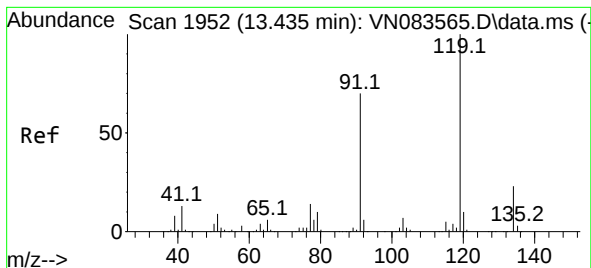
Tgt Ion: 75 Resp: 58079
Ion Ratio Lower Upper
75 100
53 104.9 81.2 121.8
89 45.5 35.7 53.5



#82
4-Chlorotoluene
Concen: 46.377 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.000 min
Lab File: VN083638.D
Acq: 04 Sep 2024 10:19

Tgt Ion: 91 Resp: 393576
Ion Ratio Lower Upper
91 100
126 31.6 15.4 46.2





#83

tert-Butylbenzene

Concen: 48.849 ug/l

RT: 13.435 min Scan# 1952

Delta R.T. -0.000 min

Lab File: VN083638.D

Acq: 04 Sep 2024 10:19

Instrument :

MSVOA_N

ClientSampleId :

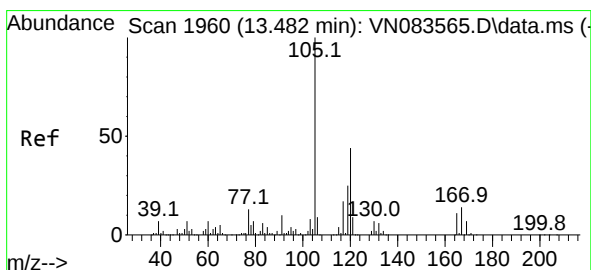
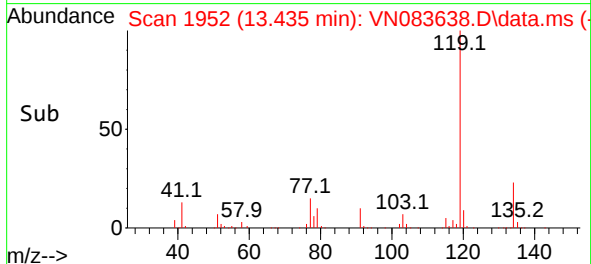
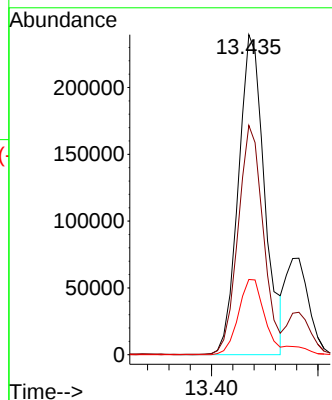
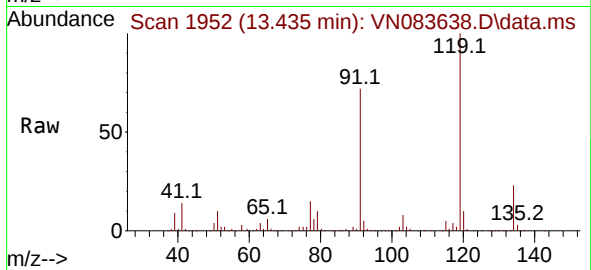
Tgt Ion:119 Resp: 407941

Ion Ratio Lower Upper

119 100

91 69.3 34.5 103.6

134 25.6 12.8 38.4



#84

1,2,4-Trimethylbenzene

Concen: 49.589 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. -0.000 min

Lab File: VN083638.D

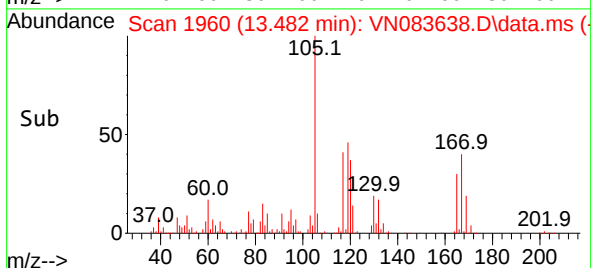
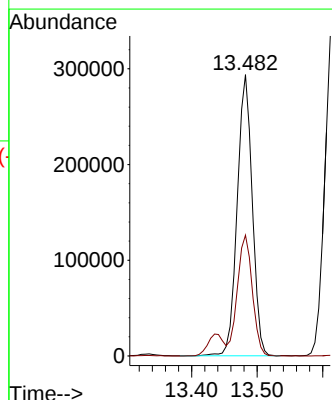
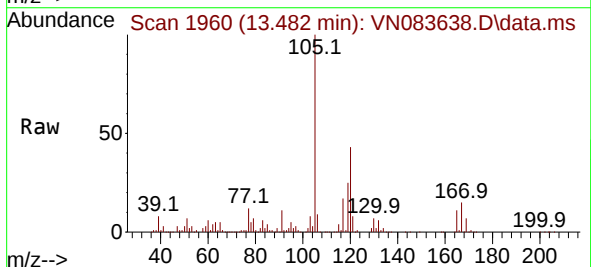
Acq: 04 Sep 2024 10:19

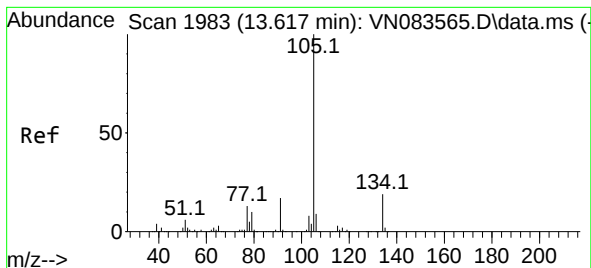
Tgt Ion:105 Resp: 468847

Ion Ratio Lower Upper

105 100

120 42.9 21.8 65.4





#85

sec-Butylbenzene

Concen: 49.885 ug/l

RT: 13.617 min Scan# 1983

Delta R.T. -0.000 min

Lab File: VN083638.D

Acq: 04 Sep 2024 10:19

Instrument :

MSVOA_N

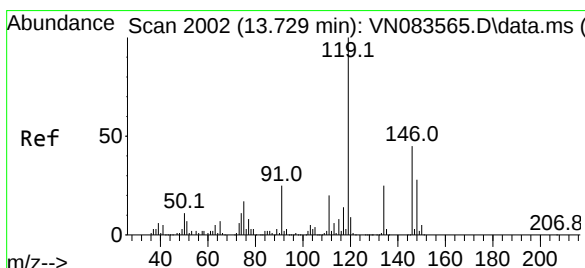
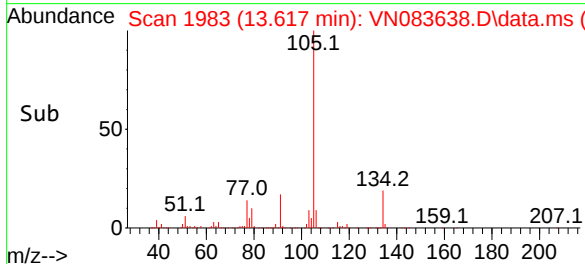
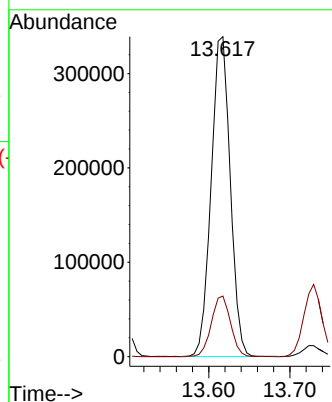
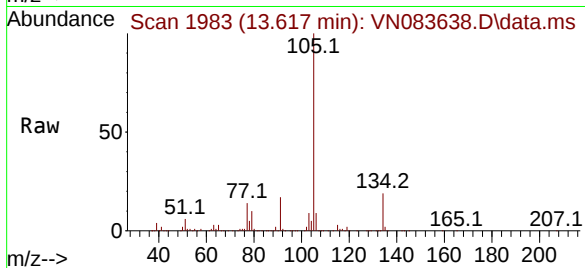
ClientSampleId :

Tgt Ion:105 Resp: 553718

Ion Ratio Lower Upper

105 100

134 19.2 9.7 29.1



#86

p-Isopropyltoluene

Concen: 50.351 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. -0.000 min

Lab File: VN083638.D

Acq: 04 Sep 2024 10:19

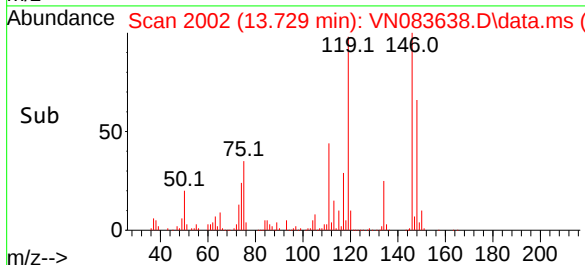
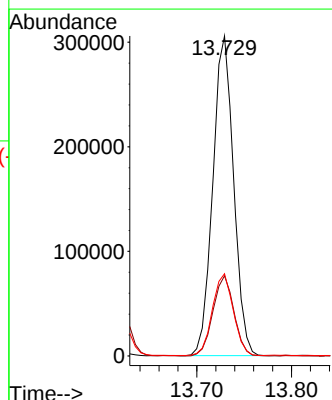
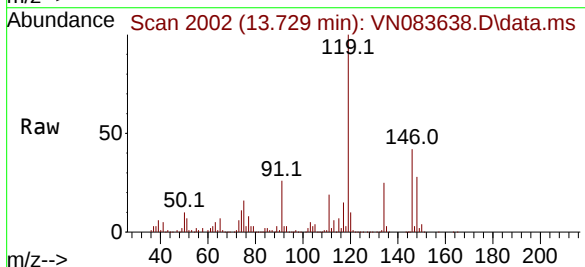
Tgt Ion:119 Resp: 466801

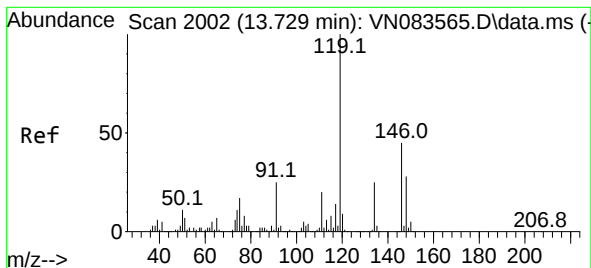
Ion Ratio Lower Upper

119 100

134 25.3 12.8 38.3

91 25.6 12.9 38.7





#87

1,3-Dichlorobenzene

Concen: 45.896 ug/l

RT: 13.735 min Scan# 2002

Delta R.T. 0.006 min

Lab File: VN083638.D

Acq: 04 Sep 2024 10:19

Instrument :

MSVOA_N

ClientSampleId :

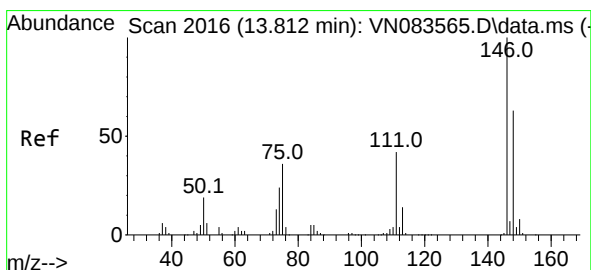
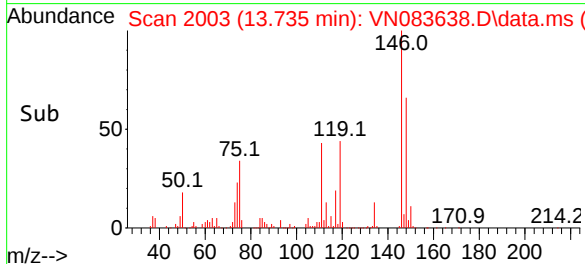
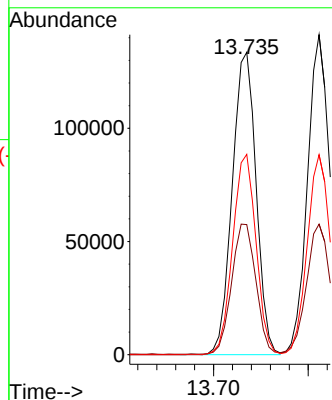
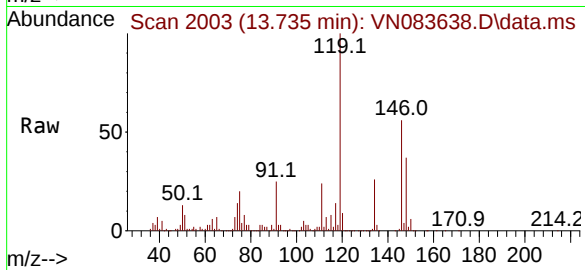
Tgt Ion:146 Resp: 233063

Ion Ratio Lower Upper

146 100

111 43.7 21.7 65.1

148 64.9 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 44.899 ug/l

RT: 13.811 min Scan# 2016

Delta R.T. -0.000 min

Lab File: VN083638.D

Acq: 04 Sep 2024 10:19

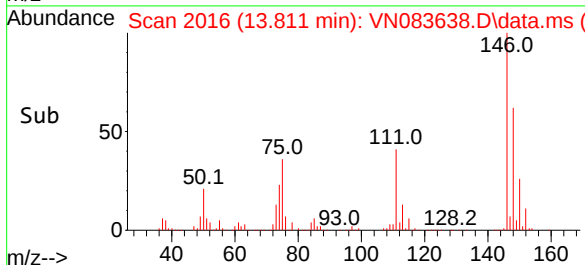
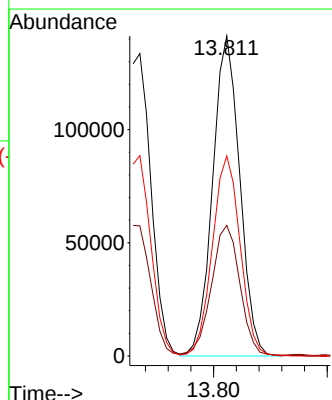
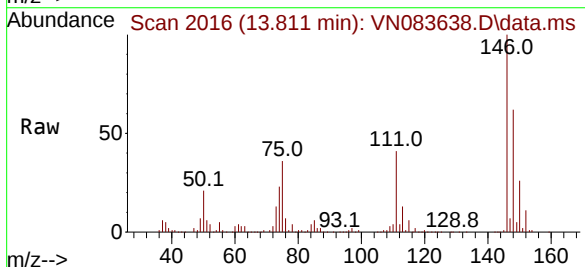
Tgt Ion:146 Resp: 234274

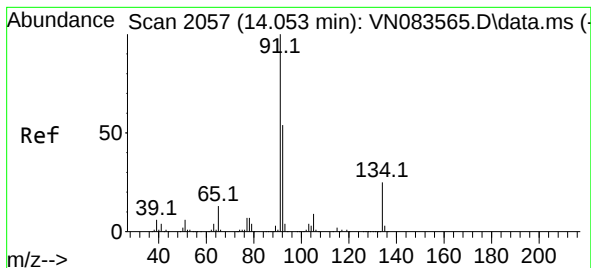
Ion Ratio Lower Upper

146 100

111 42.3 21.3 64.0

148 64.0 32.0 96.2





#89

n-Butylbenzene

Concen: 50.854 ug/l

RT: 14.053 min Scan# 2057

Delta R.T. -0.000 min

Lab File: VN083638.D

Acq: 04 Sep 2024 10:19

Instrument :

MSVOA_N

ClientSampleId :

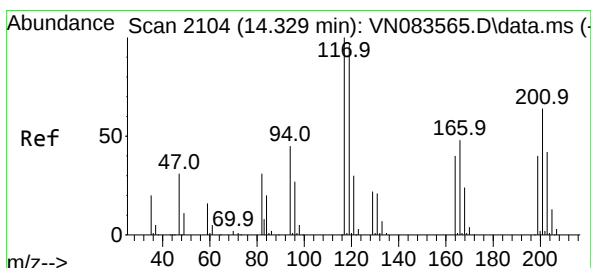
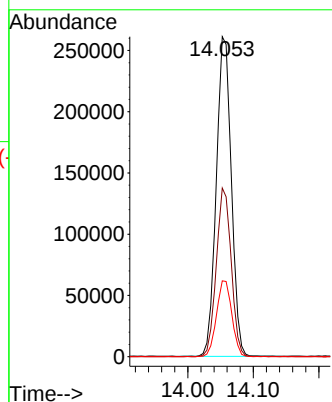
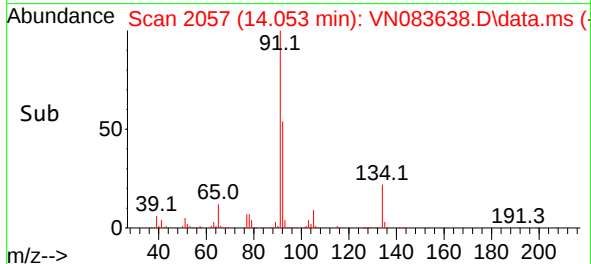
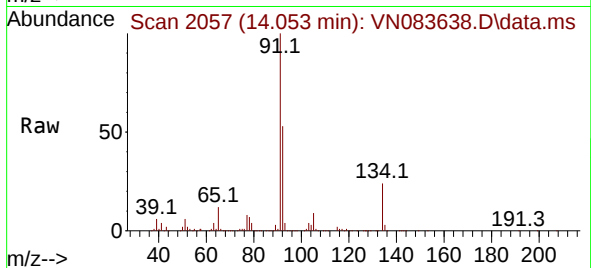
Tgt Ion: 91 Resp: 414711

Ion Ratio Lower Upper

91 100

92 52.2 26.7 80.1

134 24.2 12.2 36.4



#90

Hexachloroethane

Concen: 48.525 ug/l

RT: 14.335 min Scan# 2105

Delta R.T. 0.006 min

Lab File: VN083638.D

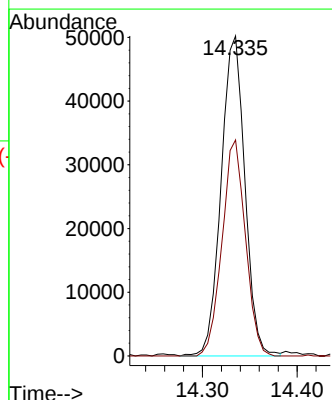
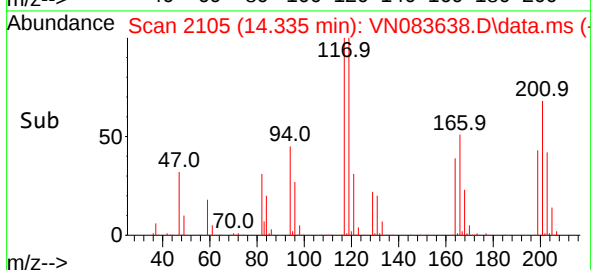
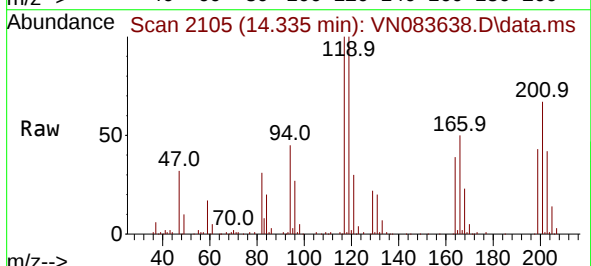
Acq: 04 Sep 2024 10:19

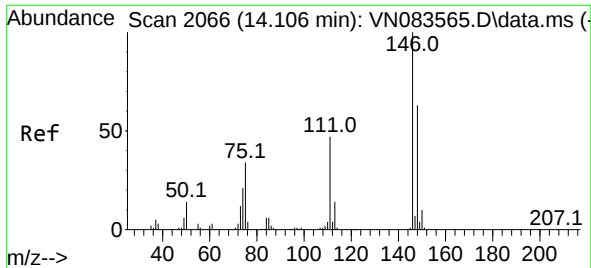
Tgt Ion: 117 Resp: 87568

Ion Ratio Lower Upper

117 100

201 66.3 32.8 98.3

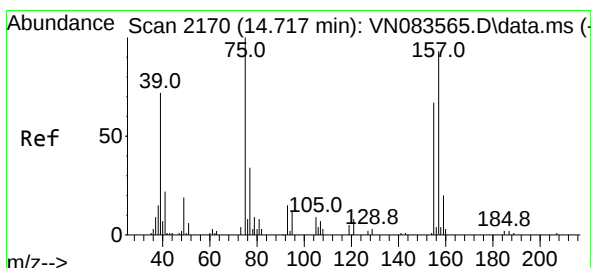
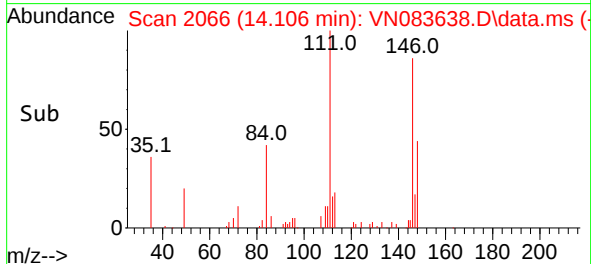
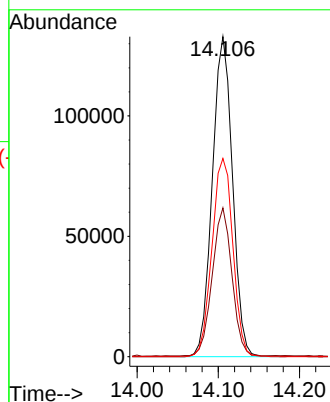
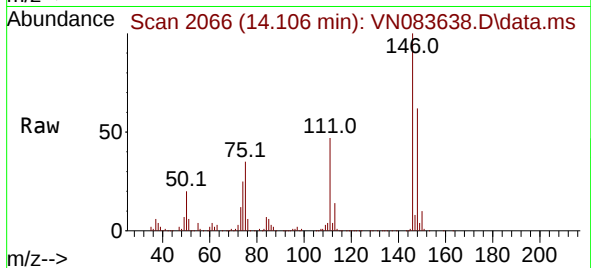




#91
1,2-Dichlorobenzene
Concen: 46.901 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN083638.D
Acq: 04 Sep 2024 10:19

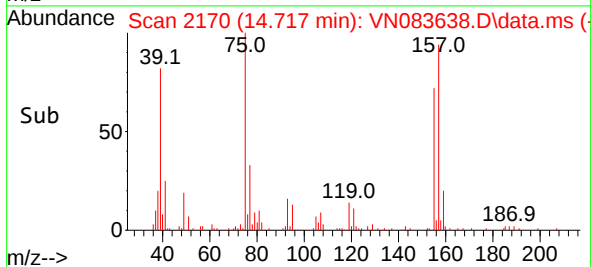
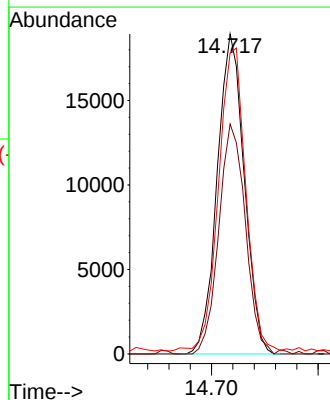
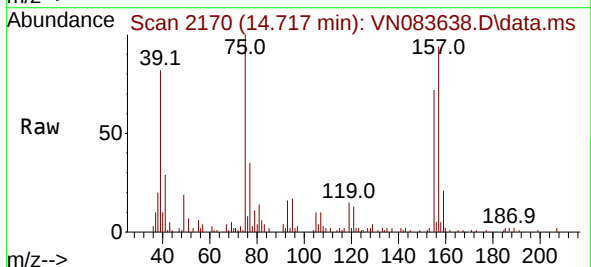
Instrument :
MSVOA_N
ClientSampleId :

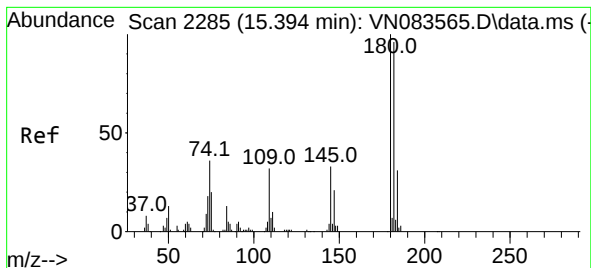
Tgt Ion:146 Resp: 229354
Ion Ratio Lower Upper
146 100
111 44.9 22.8 68.3
148 64.2 32.1 96.5



#92
1,2-Dibromo-3-Chloropropane
Concen: 48.500 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.000 min
Lab File: VN083638.D
Acq: 04 Sep 2024 10:19

Tgt Ion: 75 Resp: 33296
Ion Ratio Lower Upper
75 100
155 71.4 35.9 107.7
157 95.4 47.5 142.5





#93

1,2,4-Trichlorobenzene

Concen: 45.260 ug/l

RT: 15.394 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN083638.D

Acq: 04 Sep 2024 10:19

Instrument :

MSVOA_N

ClientSampleId :

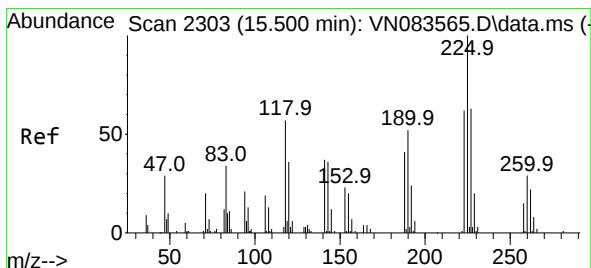
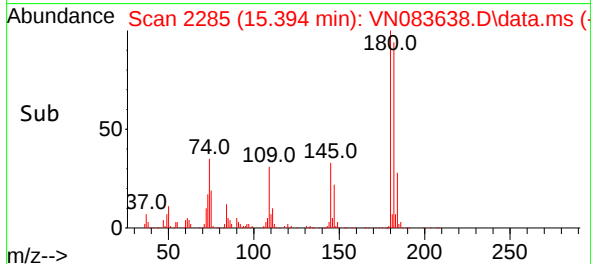
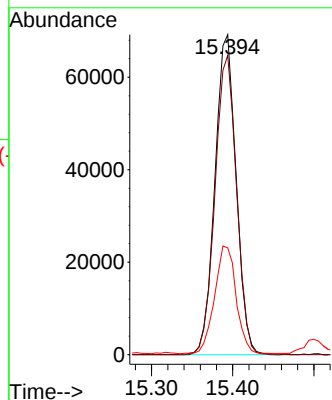
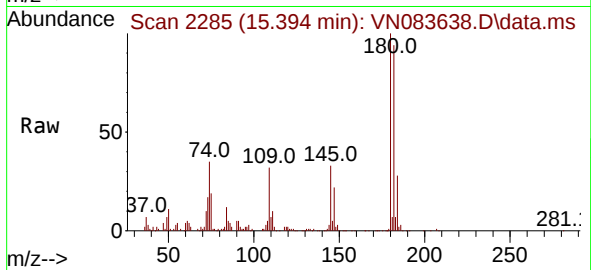
Tgt Ion:180 Resp: 125511

Ion Ratio Lower Upper

180 100

182 94.8 48.1 144.3

145 34.7 16.9 50.7



#94

Hexachlorobutadiene

Concen: 47.340 ug/l

RT: 15.500 min Scan# 2303

Delta R.T. -0.000 min

Lab File: VN083638.D

Acq: 04 Sep 2024 10:19

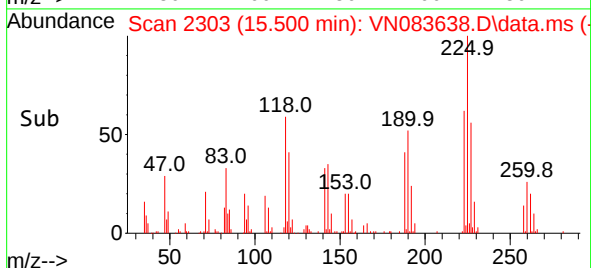
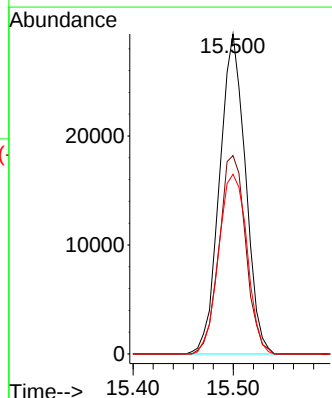
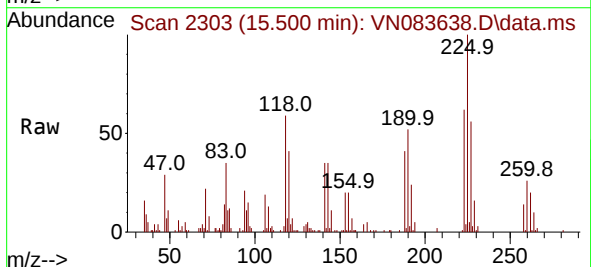
Tgt Ion:225 Resp: 52573

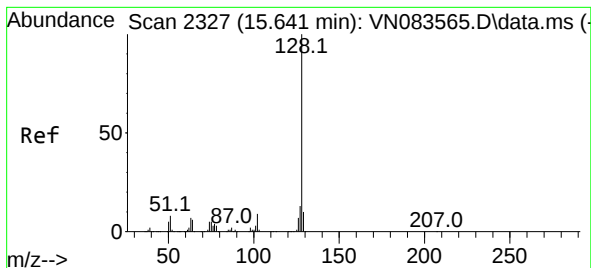
Ion Ratio Lower Upper

225 100

223 63.9 31.9 95.5

227 61.7 32.0 96.2





#95

Naphthalene

Concen: 46.969 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. -0.000 min

Lab File: VN083638.D

Acq: 04 Sep 2024 10:19

Instrument :

MSVOA_N

ClientSampleId :

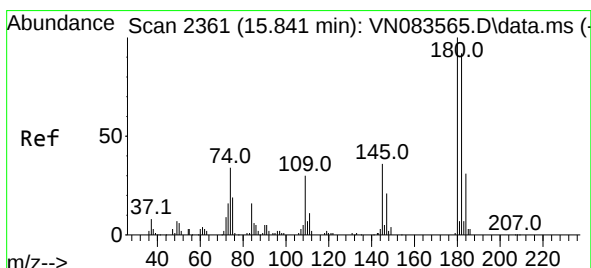
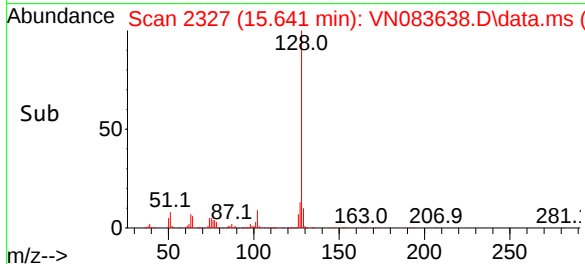
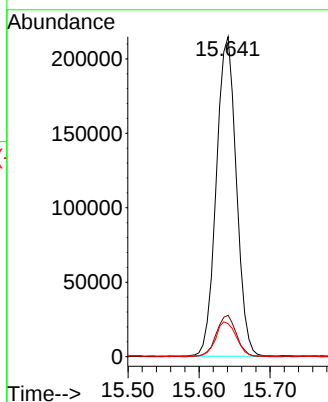
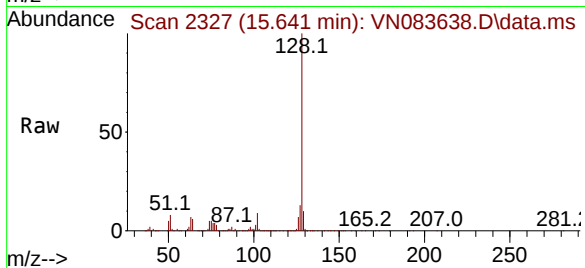
Tgt Ion:128 Resp: 418479

Ion Ratio Lower Upper

128 100

127 13.1 10.2 15.2

129 11.2 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 43.525 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. -0.000 min

Lab File: VN083638.D

Acq: 04 Sep 2024 10:19

Tgt Ion:180 Resp: 120572

Ion Ratio Lower Upper

180 100

182 95.6 47.1 141.4

145 36.2 17.8 53.5

