

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122024\
 Data File : VN085273.D
 Acq On : 20 Dec 2024 10:29
 Operator : JC\MD
 Sample : VSTDICCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 21 01:41:45 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N122024W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Dec 21 01:29:00 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.812	128	29576	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	153203	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	143051	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.577	65	78544	30.189	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	= 100.633%	
60) 4-Bromofluorobenzene	12.847	95	69746	30.099	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	= 100.333%	
63) Toluene-d8	10.565	98	215956	30.916	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	= 103.067%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.124	85	52267	21.135	ug/l	100
3) Chloromethane	2.359	50	51713	20.711	ug/l	100
4) Vinyl Chloride	2.512	62	51594	20.351	ug/l	100
5) Bromomethane	2.959	94	29293	19.765	ug/l	100
6) Chloroethane	3.118	64	33189	20.738	ug/l	100
7) Trichlorofluoromethane	3.500	101	71742	20.598	ug/l	100
8) Diethyl Ether	3.959	74	23223	19.360	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.371	101	41211	20.605	ug/l	100
10) 1,1-Dichloroethene	4.342	96	36049	19.730	ug/l	100
11) Methyl Iodide	4.589	142	42072	19.213	ug/l	100
12) Methyl Acetate	5.024	43	55461	20.341	ug/l	100
13) Acrolein	4.183	56	21739	89.245	ug/l	100
14) Acrylonitrile	5.718	53	105856	100.305	ug/l	100
15) Acetone	4.430	58	27144	101.962	ug/l	100
16) Carbon Disulfide	4.712	76	112335	20.226	ug/l	100
17) Allyl chloride	5.024	41	57914	19.594	ug/l	100
18) Methylene Chloride	5.271	84	44276	20.336	ug/l	100
19) trans-1,2-Dichloroethene	5.783	96	37932	19.960	ug/l	100
20) Diisopropyl ether	6.671	45	138751	20.483	ug/l	100
21) 1,1-Dichloroethane	6.565	63	80659	20.368	ug/l	100
22) cis-1,2-Dichloroethene	7.482	96	45052	19.908	ug/l	100
23) tert-Butyl Alcohol	5.518	59	33206	95.473	ug/l	# 100
24) Methyl tert-Butyl Ether	5.800	73	118809	19.811	ug/l	100
25) Chloroform	7.965	83	82672	20.595	ug/l	100
26) Cyclohexane	8.253	56	59501	19.707	ug/l	# 100
29) 1,1-Dichloropropene	8.371	75	53883	20.257	ug/l	100
30) 2-Butanone	7.477	43	143077	101.902	ug/l	100
31) 2,2-Dichloropropane	7.488	77	69250	20.546	ug/l	100
32) 1,1,1-Trichloroethane	8.165	97	71008	20.535	ug/l	100
33) Carbon Tetrachloride	8.359	117	61840	20.430	ug/l	100
34) Benzene	8.606	78	173626	20.650	ug/l	100
35) Methacrylonitrile	7.771	41	31344	20.166	ug/l	100
36) 1,2-Dichloroethane	8.665	62	62275	20.482	ug/l	100
37) Trichloroethene	9.347	130	37633	20.343	ug/l	100
38) Methylcyclohexane	9.600	83	51030	18.539	ug/l	100
39) 1,2-Dichloropropane	9.618	63	44023	20.579	ug/l	100
40) Dibromomethane	9.706	93	30578	20.502	ug/l	100
41) Bromodichloromethane	9.882	83	64696	20.756	ug/l	100
42) Vinyl Acetate	6.600	43	492149	99.300	ug/l	100

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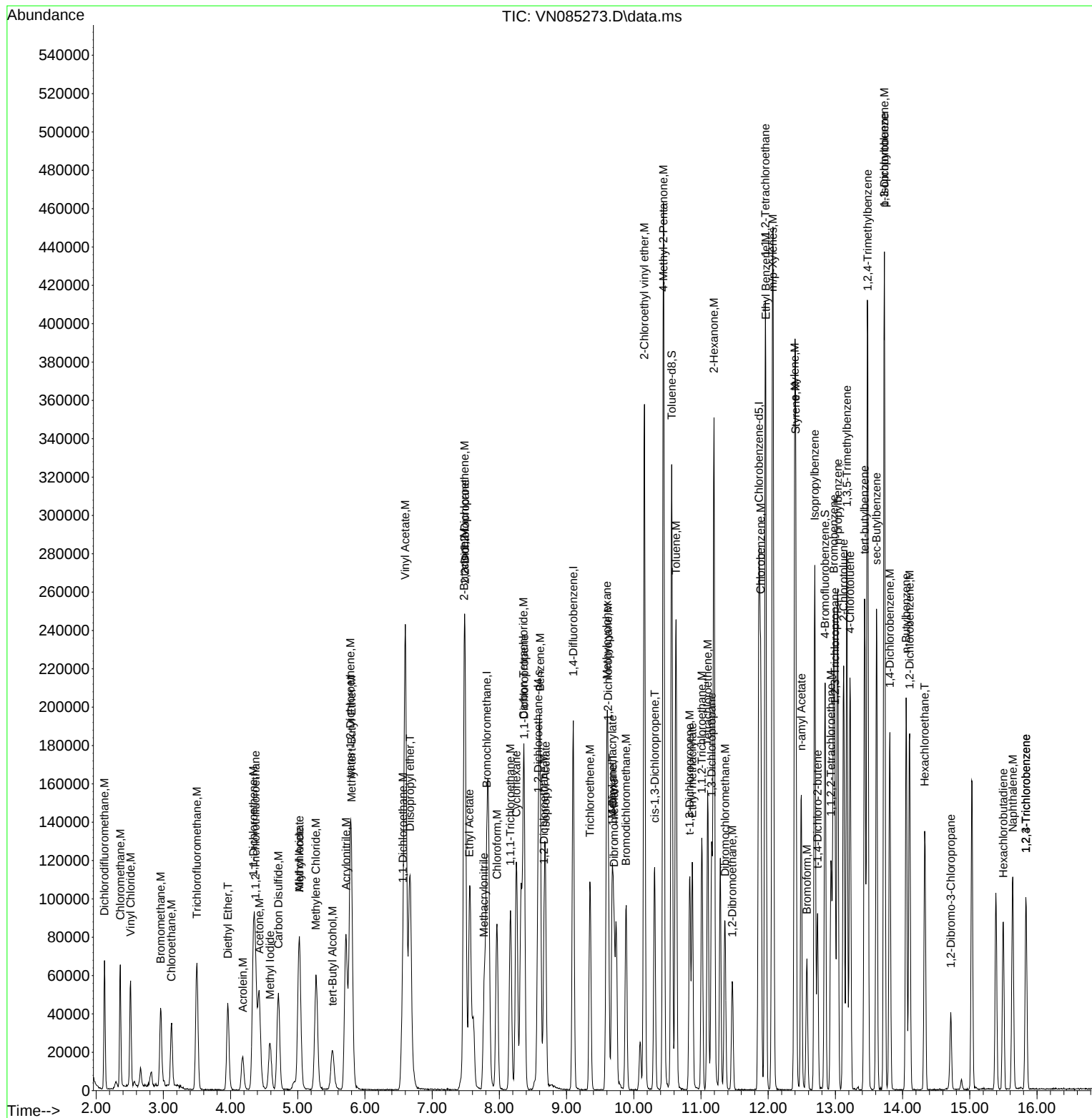
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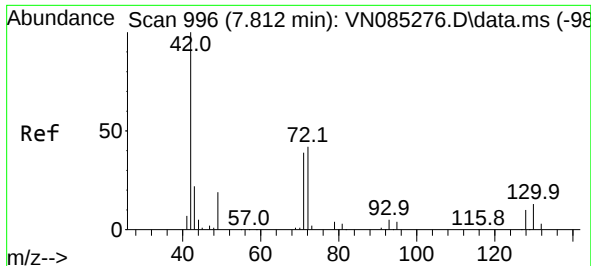
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.553	43	56967	19.619	ug/l	100
44) Isopropyl Acetate	8.688	43	97067	20.124	ug/l	100
45) 1,4-Dioxane	9.688	88	15163	404.160	ug/l	100
46) Methyl methacrylate	9.682	41	44997	20.097	ug/l	100
47) n-amyl Acetate	12.494	43	80353	19.555	ug/l	100
48) t-1,3-Dichloropropene	10.829	75	60723	19.723	ug/l	100
49) cis-1,3-Dichloropropene	10.312	75	65832	19.889	ug/l	100
50) 1,1,2-Trichloroethane	11.012	97	41047	21.044	ug/l	100
51) Ethyl methacrylate	10.871	69	56707	19.221	ug/l	100
52) 1,3-Dichloropropane	11.159	76	70899	20.823	ug/l	100
53) Dibromochloromethane	11.359	129	47574	20.815	ug/l	100
54) 1,2-Dibromoethane	11.465	107	38439	20.363	ug/l	100
55) 2-Chloroethyl vinyl ether	10.159	63	149446	98.342	ug/l	100
56) Bromoform	12.576	173	30002	20.122	ug/l	100
58) 4-Methyl-2-Pentanone	10.441	43	303556	104.675	ug/l	100
59) 2-Hexanone	11.194	43	219043	103.973	ug/l	100
61) Tetrachloroethene	11.100	164	32838	20.563	ug/l	100
62) Toluene	10.629	91	181570	20.660	ug/l	100
64) Chlorobenzene	11.888	112	107869	20.351	ug/l	100
65) 1,1,1,2-Tetrachloroethane	11.959	131	40031	20.825	ug/l	100
66) Ethyl Benzene	11.965	91	183288	19.821	ug/l	100
67) m/p-Xylenes	12.070	106	143364	41.324	ug/l	100
68) o-Xylene	12.394	106	66310	20.067	ug/l	100
69) Styrene	12.412	104	113798	20.377	ug/l	100
70) Isopropylbenzene	12.694	105	165058	19.892	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.935	83	59675	20.277	ug/l	100
72) 1,2,3-Trichloropropane	12.994	75	76017	28.824	ug/l	77
73) Bromobenzene	12.976	156	42355	20.662	ug/l	100
74) n-propylbenzene	13.035	91	207704	20.092	ug/l	100
75) 2-Chlorotoluene	13.123	91	125363	20.131	ug/l	100
76) 1,3,5-Trimethylbenzene	13.170	105	144488	20.407	ug/l	100
77) t-1,4-Dichloro-2-butene	12.735	75	19212	18.768	ug/l	100
78) 4-Chlorotoluene	13.217	91	126859	20.036	ug/l	100
79) tert-butylbenzene	13.435	119	111921	19.329	ug/l	100
80) 1,2,4-Trimethylbenzene	13.482	105	142514	20.230	ug/l	100
81) sec-Butylbenzene	13.611	105	163388	19.545	ug/l	100
82) p-Isopropyltoluene	13.729	119	131247	19.064	ug/l	100
83) 1,3-Dichlorobenzene	13.729	146	78045	20.415	ug/l	100
84) 1,4-Dichlorobenzene	13.811	146	71930	19.448	ug/l	100
85) n-Butylbenzene	14.053	91	109530	18.428	ug/l	100
86) Hexachloroethane	14.329	117	30284	20.490	ug/l	100
87) 1,2-Dichlorobenzene	14.106	146	73249	20.167	ug/l	100
88) 1,2-Dibromo-3-Chloropr...	14.717	75	10690	19.898	ug/l	100
89) 1,2,4-Trichlorobenzene	15.835	180	32846	19.089	ug/l	100
90) Hexachlorobutadiene	15.500	225	17028	19.853	ug/l	100
91) Naphthalene	15.641	128	99596	18.015	ug/l	100
92) 1,2,3-Trichlorobenzene	15.835	180	32846	19.089	ug/l	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

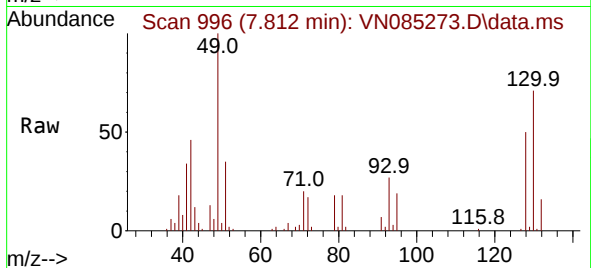
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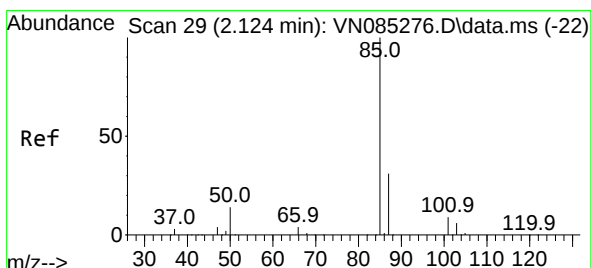
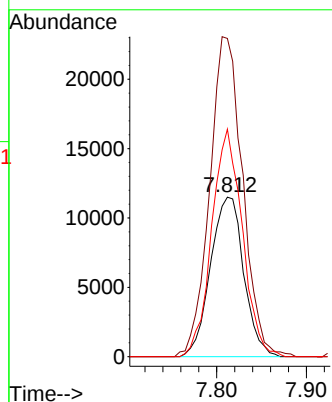
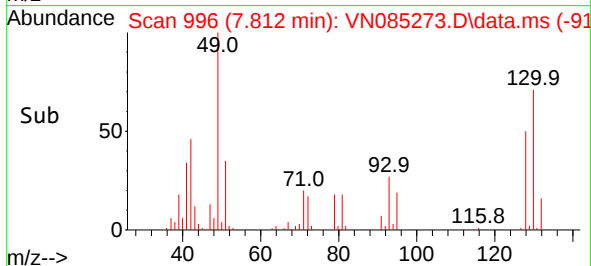


#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.812 min Scan# 996
Delta R.T. -0.000 min
Lab File: VN085273.D
Acq: 20 Dec 2024 10:29

Instrument :
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ClientSampleId :

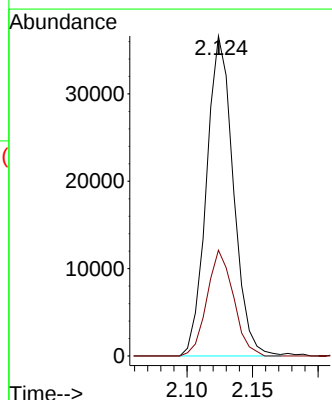
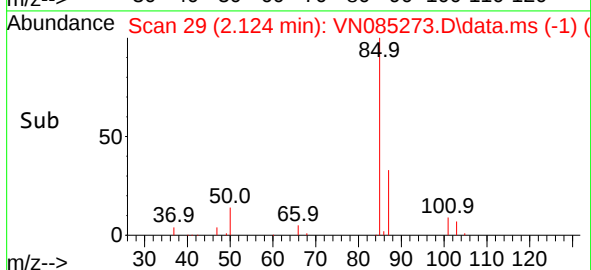
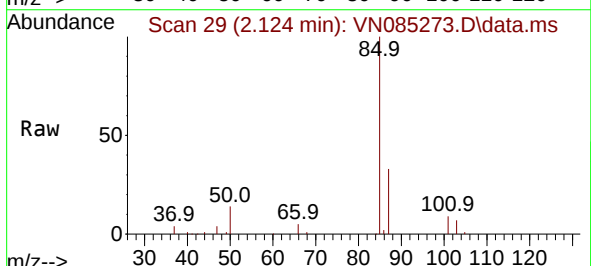


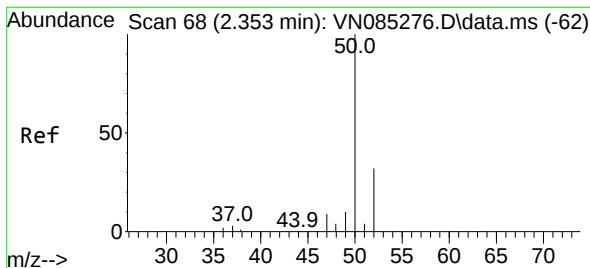
Tgt Ion:128 Resp: 29576
Ion Ratio Lower Upper
128 100
49 199.1 0.0 497.8
130 131.4 0.0 328.5



#2
Dichlorodifluoromethane
Concen: 21.135 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN085273.D
Acq: 20 Dec 2024 10:29

Tgt Ion: 85 Resp: 52267
Ion Ratio Lower Upper
85 100
87 33.0 16.5 49.5





#3

Chloromethane

Concen: 20.711 ug/l

RT: 2.359 min Scan# 61

Delta R.T. 0.000 min

Lab File: VN085273.D

Acq: 20 Dec 2024 10:29

Instrument :

MSVOA_N

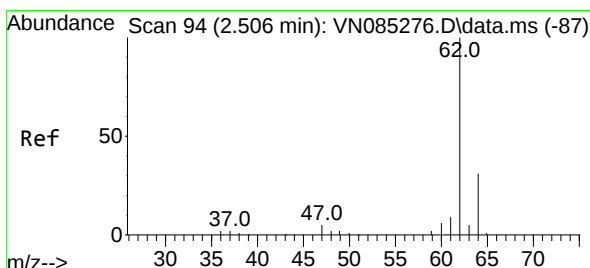
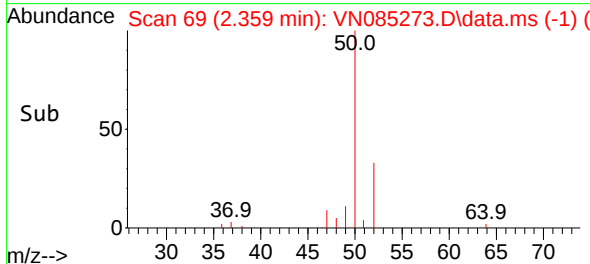
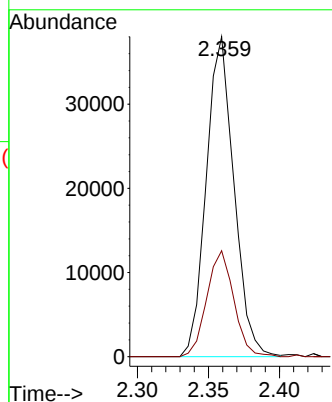
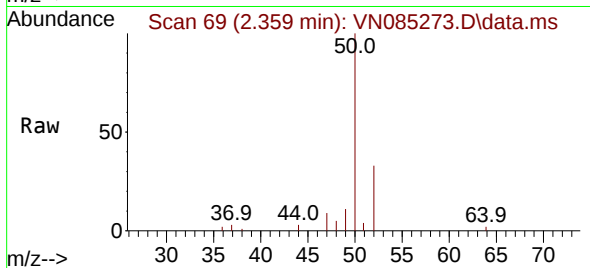
ClientSampleId :

Tgt Ion: 50 Resp: 51713

Ion Ratio Lower Upper

50 100

52 33.1 26.5 39.7



#4

Vinyl Chloride

Concen: 20.351 ug/l

RT: 2.512 min Scan# 95

Delta R.T. 0.000 min

Lab File: VN085273.D

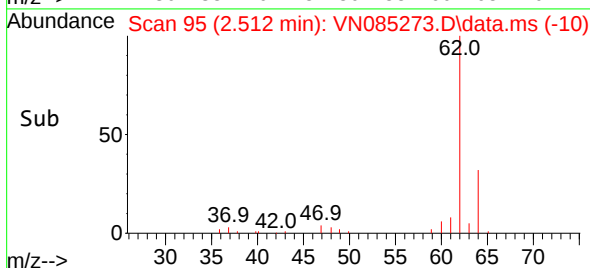
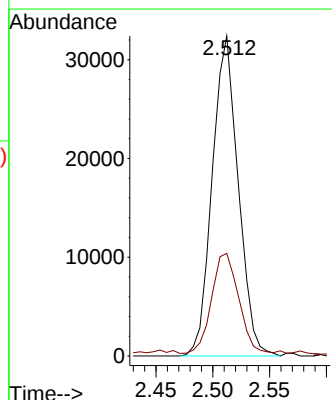
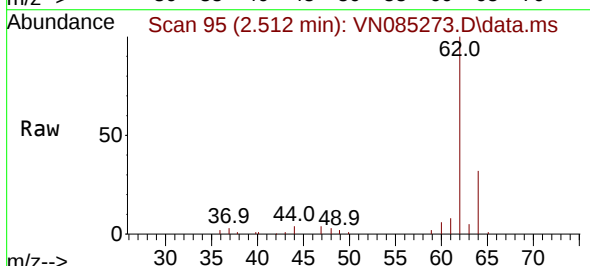
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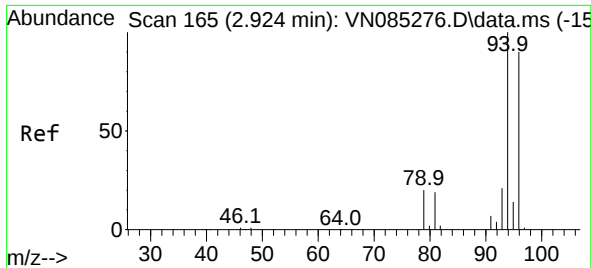
Tgt Ion: 62 Resp: 51594

Ion Ratio Lower Upper

62 100

64 31.2 25.0 37.4

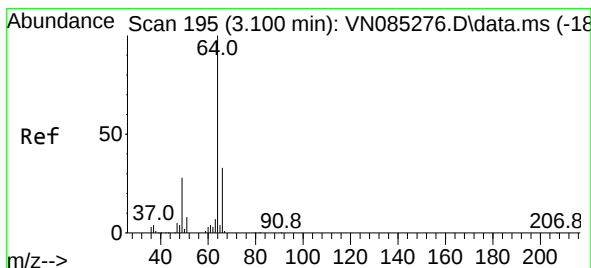
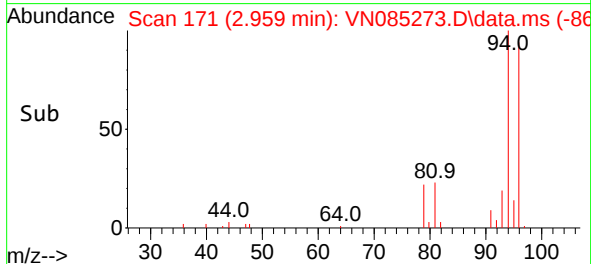
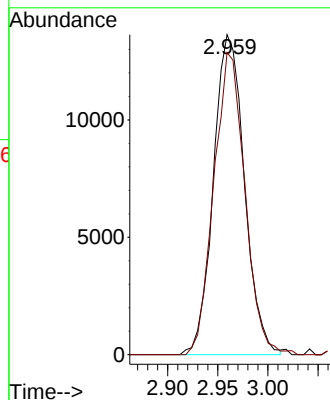
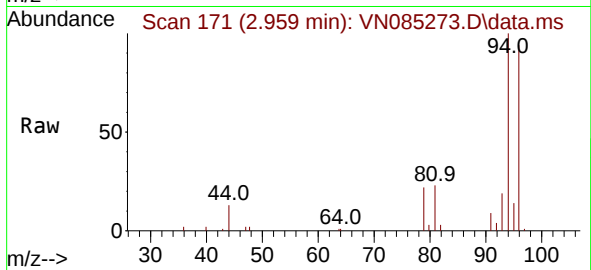




#5
Bromomethane
Concen: 19.765 ug/l
RT: 2.959 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN085273.D
Acq: 20 Dec 2024 10:29

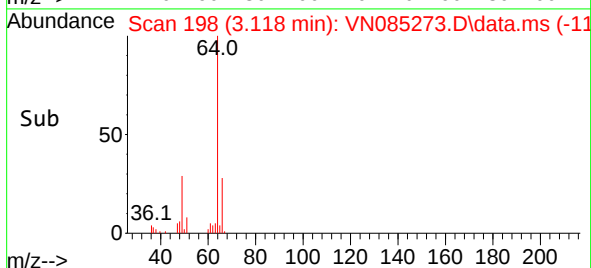
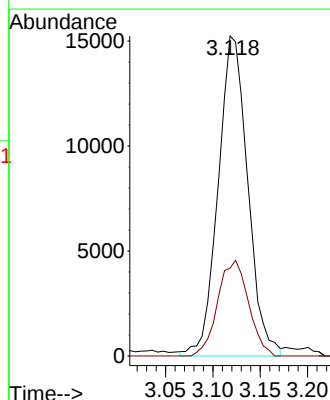
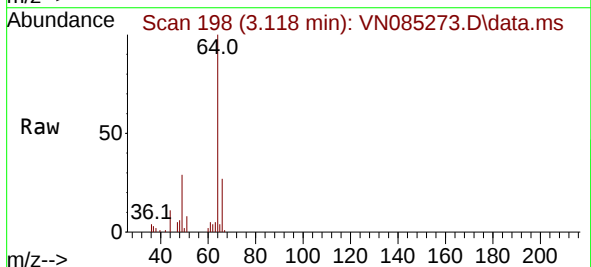
Instrument :
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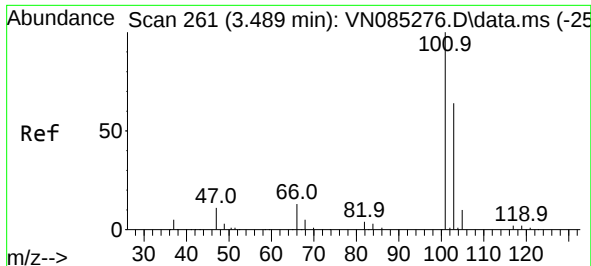
Tgt Ion: 94 Resp: 29293
Ion Ratio Lower Upper
94 100
96 94.5 75.6 113.4



#6
Chloroethane
Concen: 20.738 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.000 min
Lab File: VN085273.D
Acq: 20 Dec 2024 10:29

Tgt Ion: 64 Resp: 33189
Ion Ratio Lower Upper
64 100
66 27.8 22.2 33.4

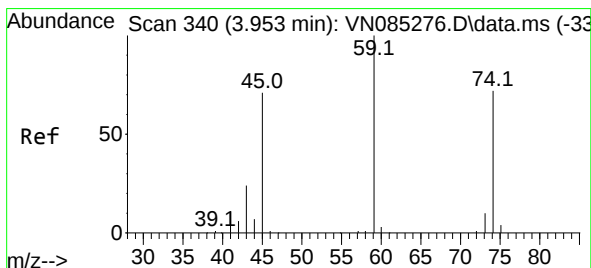
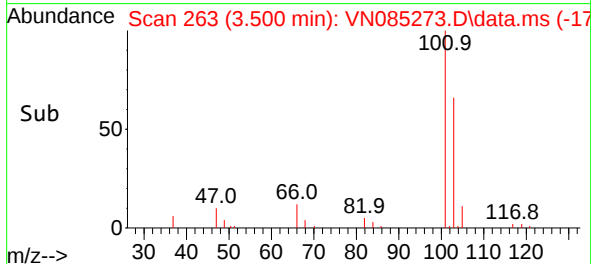
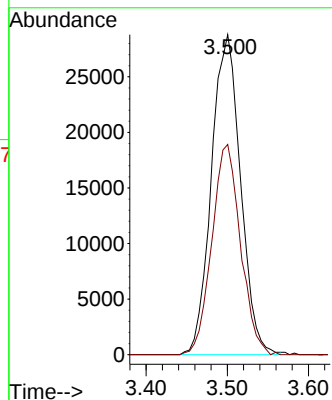
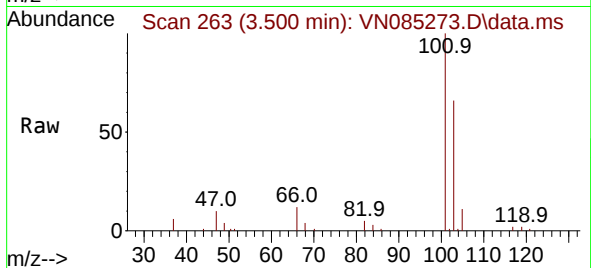




#7
Trichlorofluoromethane
Concen: 20.598 ug/l
RT: 3.500 min Scan# 20
Delta R.T. 0.000 min
Lab File: VN085273.D
Acq: 20 Dec 2024 10:29

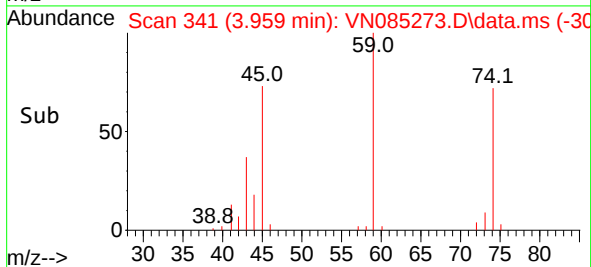
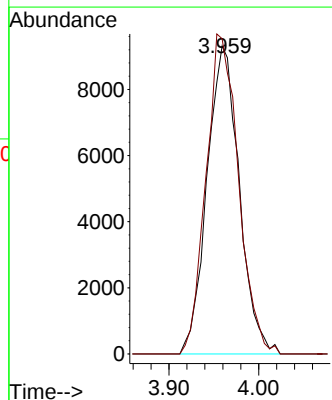
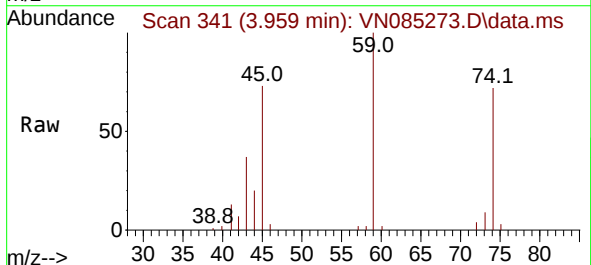
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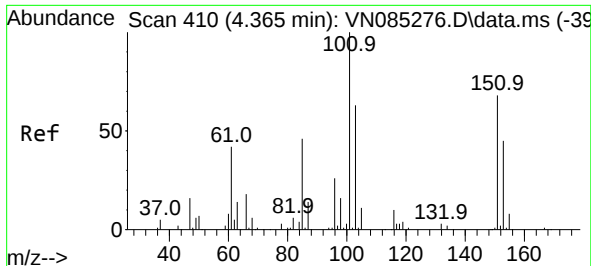
Tgt Ion:101 Resp: 71742
Ion Ratio Lower Upper
101 100
103 65.7 52.6 78.8



#8
Diethyl Ether
Concen: 19.360 ug/l
RT: 3.959 min Scan# 341
Delta R.T. 0.000 min
Lab File: VN085273.D
Acq: 20 Dec 2024 10:29

Tgt Ion: 74 Resp: 23223
Ion Ratio Lower Upper
74 100
45 104.2 20.8 187.6

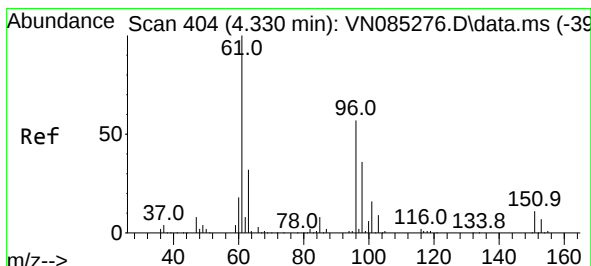
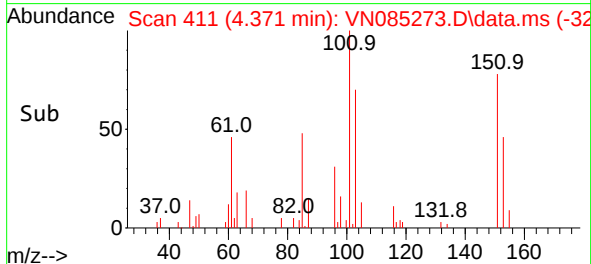
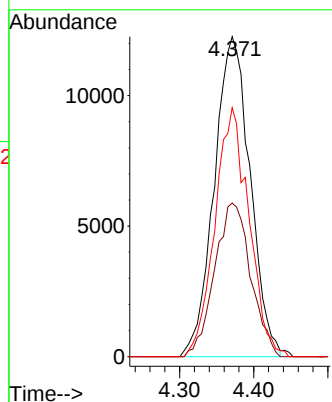
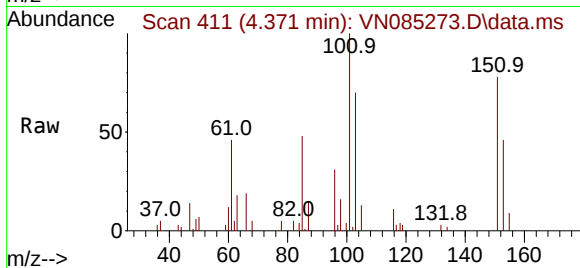




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.605 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.000 min
Lab File: VN085273.D
Acq: 20 Dec 2024 10:29

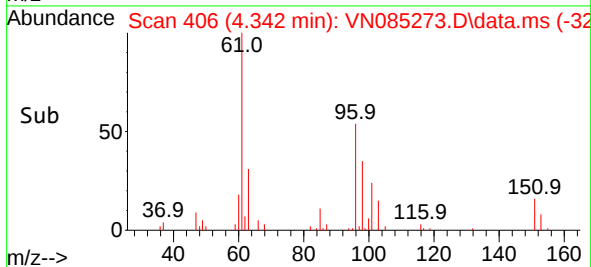
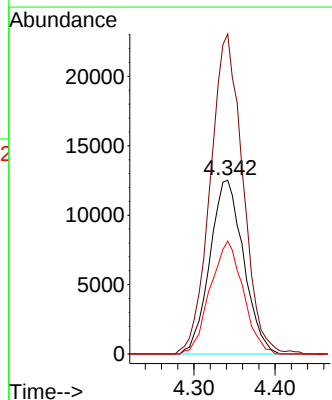
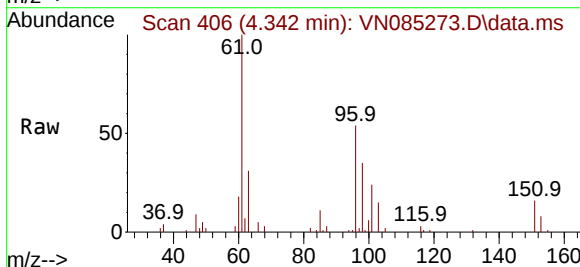
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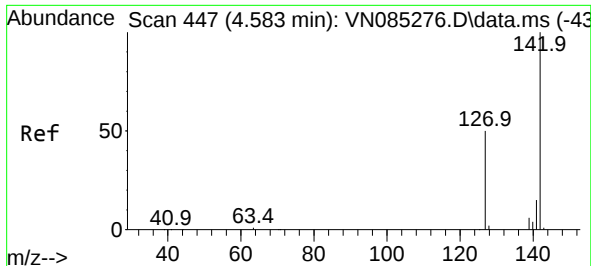
Tgt Ion:101 Resp: 41211
Ion Ratio Lower Upper
101 100
85 48.3 0.0 96.6
151 73.7 0.0 147.4



#10
1,1-Dichloroethene
Concen: 19.730 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.000 min
Lab File: VN085273.D
Acq: 20 Dec 2024 10:29

Tgt Ion: 96 Resp: 36049
Ion Ratio Lower Upper
96 100
61 182.4 145.9 218.9
98 64.9 51.9 77.9

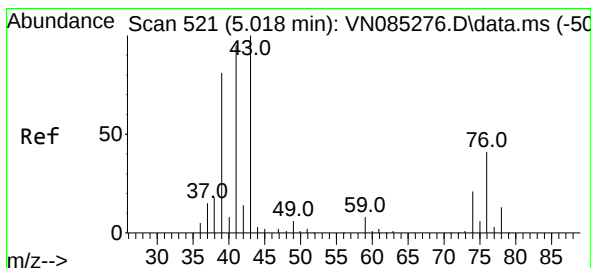
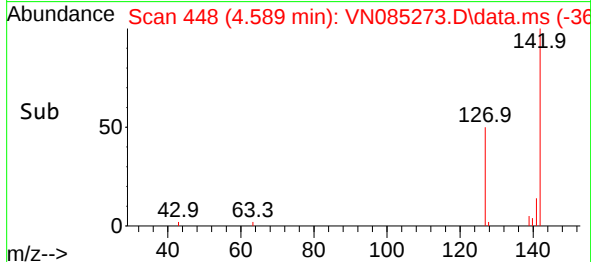
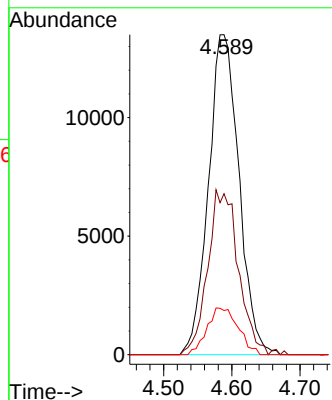
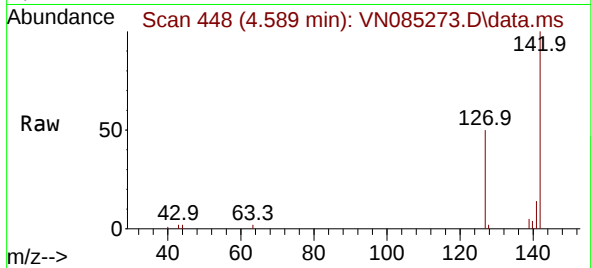




#11
Methyl Iodide
Concen: 19.213 ug/l
RT: 4.589 min Scan# 447
Delta R.T. 0.000 min
Lab File: VN085273.D
Acq: 20 Dec 2024 10:29

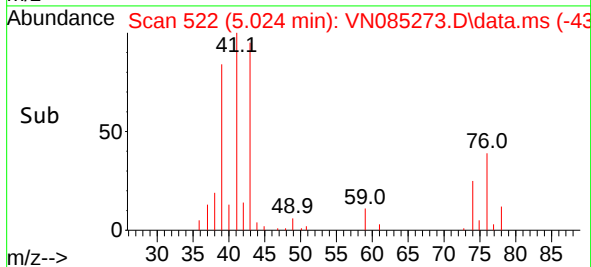
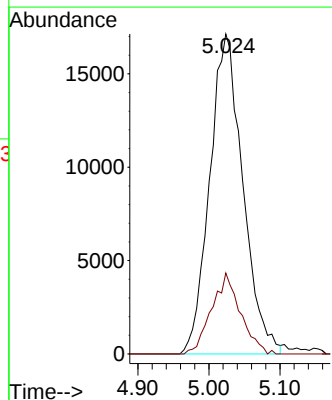
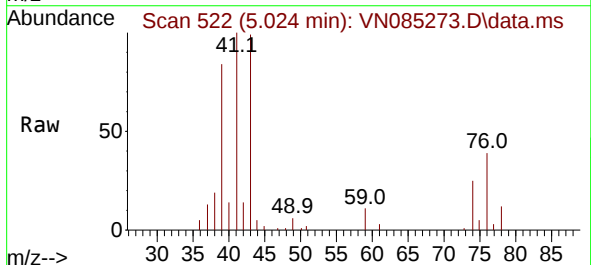
Instrument :
MSVOA_N
ClientSampleId :

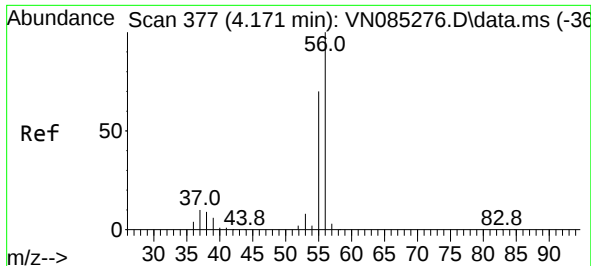
Tgt Ion:142 Resp: 42072
Ion Ratio Lower Upper
142 100
127 50.3 25.1 75.4
141 13.8 6.9 20.7



#12
Methyl Acetate
Concen: 20.341 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.000 min
Lab File: VN085273.D
Acq: 20 Dec 2024 10:29

Tgt Ion: 43 Resp: 55461
Ion Ratio Lower Upper
43 100
74 25.6 20.5 30.7





#13

Acrolein

Concen: 89.245 ug/l

RT: 4.183 min Scan# 31

Delta R.T. 0.000 min

Lab File: VN085273.D

Acq: 20 Dec 2024 10:29

Instrument :

MSVOA_N

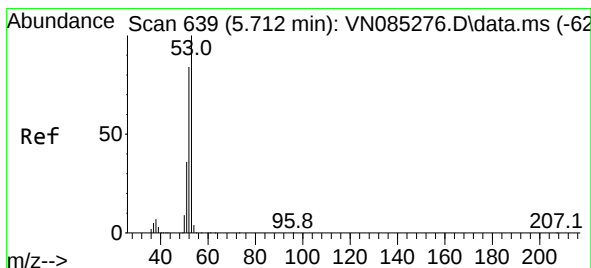
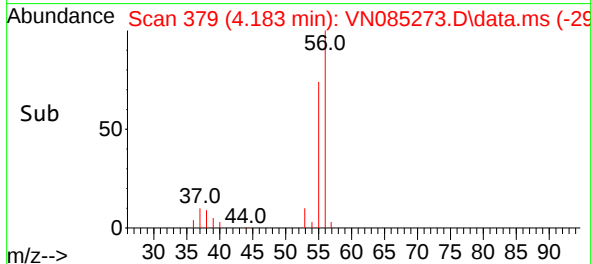
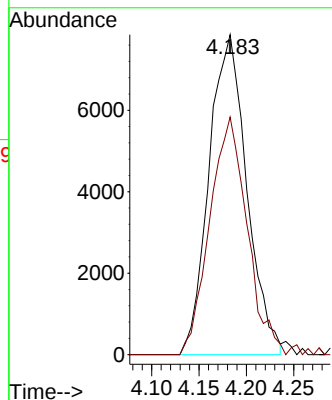
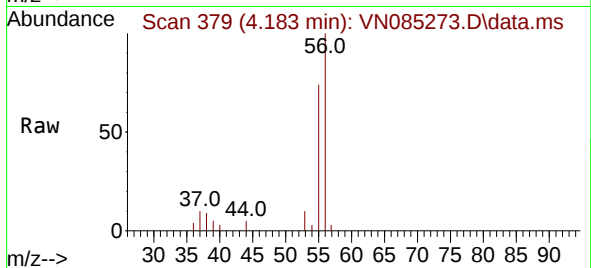
ClientSampleId :

Tgt Ion: 56 Resp: 21739

Ion Ratio Lower Upper

56 100

55 71.0 56.8 85.2



#14

Acrylonitrile

Concen: 100.305 ug/l

RT: 5.718 min Scan# 640

Delta R.T. 0.000 min

Lab File: VN085273.D

Acq: 20 Dec 2024 10:29

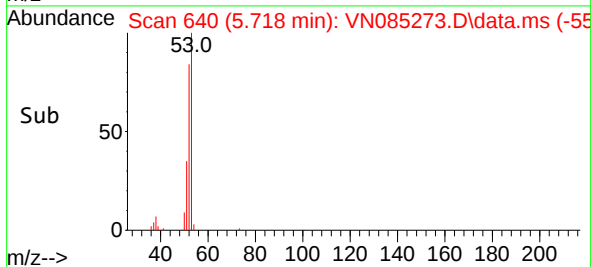
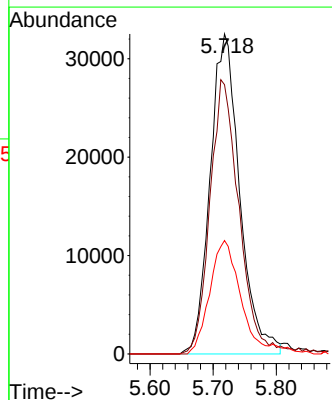
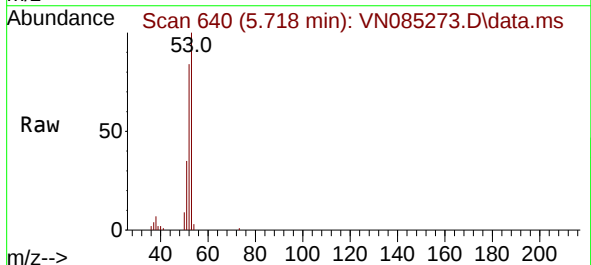
Tgt Ion: 53 Resp: 105856

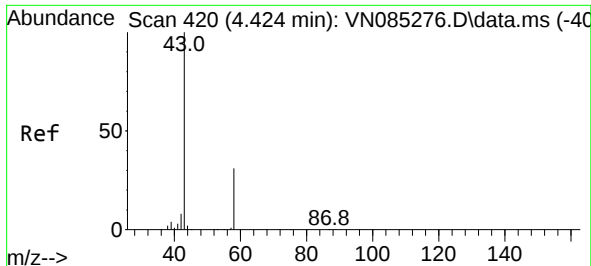
Ion Ratio Lower Upper

53 100

52 83.2 41.6 124.8

51 36.3 18.1 54.4





#15

Acetone

Concen: 101.962 ug/l

RT: 4.430 min Scan# 41

Delta R.T. 0.000 min

Lab File: VN085273.D

Acq: 20 Dec 2024 10:29

Instrument :

MSVOA_N

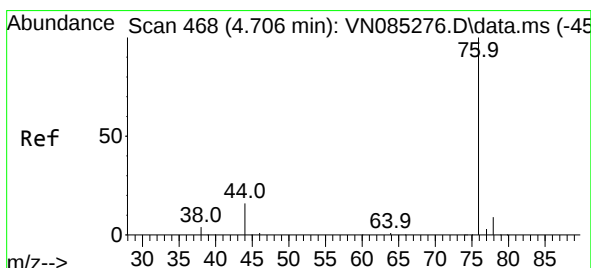
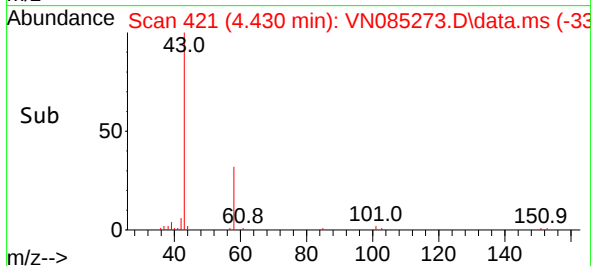
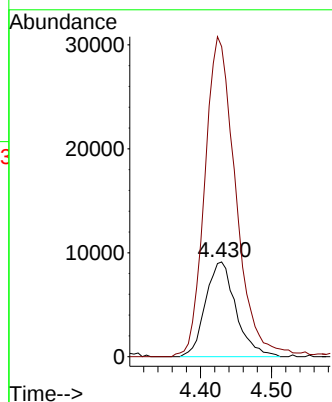
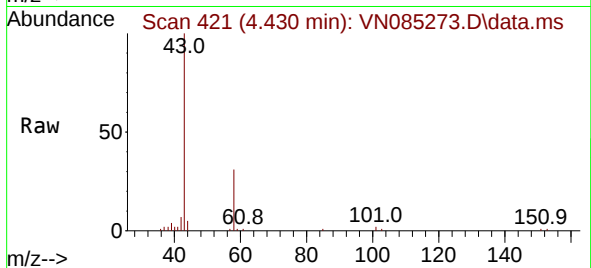
ClientSampleId :

Tgt Ion: 58 Resp: 27144

Ion Ratio Lower Upper

58 100

43 323.5 258.8 388.2



#16

Carbon Disulfide

Concen: 20.226 ug/l

RT: 4.712 min Scan# 469

Delta R.T. 0.000 min

Lab File: VN085273.D

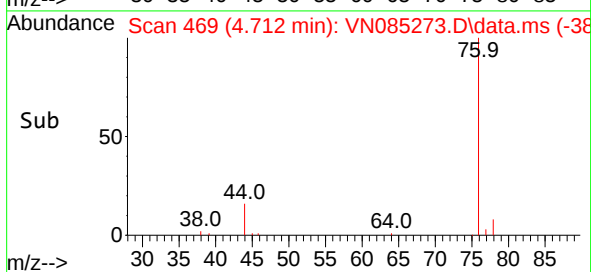
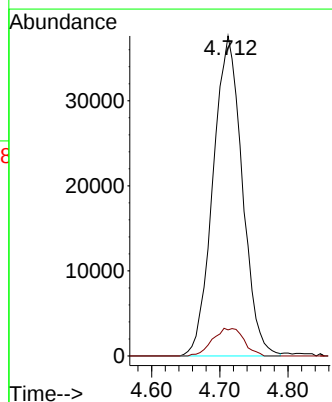
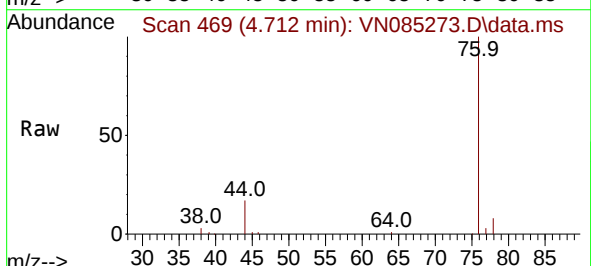
Acq: 20 Dec 2024 10:29

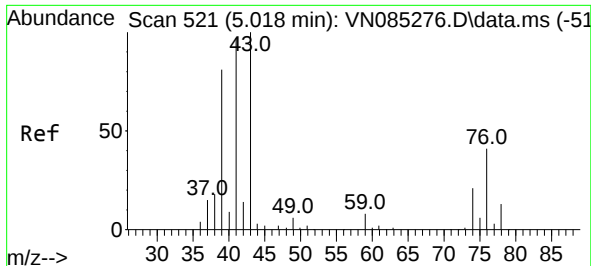
Tgt Ion: 76 Resp: 112335

Ion Ratio Lower Upper

76 100

78 8.2 6.6 9.8





#17

Allyl chloride

Concen: 19.594 ug/l

RT: 5.024 min Scan# 51

Delta R.T. 0.000 min

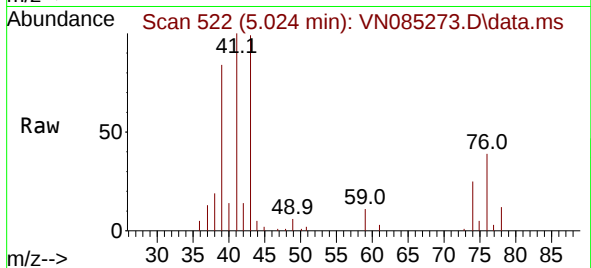
Lab File: VN085273.D

Acq: 20 Dec 2024 10:29

Instrument :

MSVOA_N

ClientSampleId :



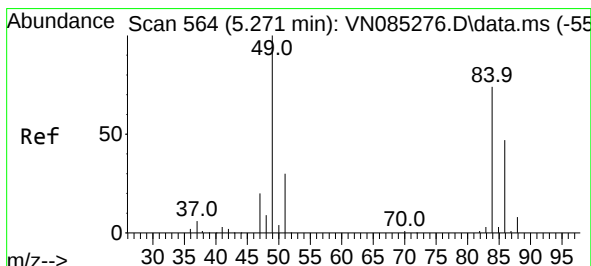
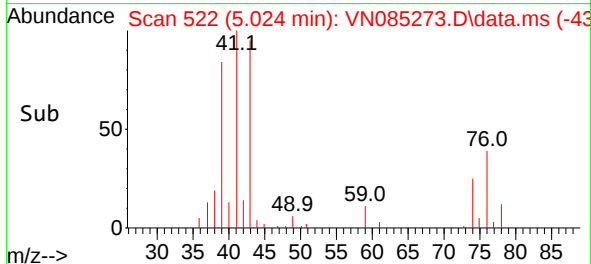
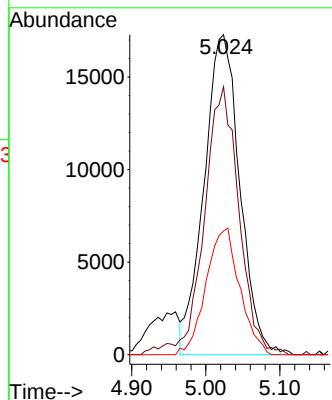
Tgt Ion: 41 Resp: 57914

Ion Ratio Lower Upper

41 100

39 82.7 41.3 124.1

76 39.0 19.5 58.5



#18

Methylene Chloride

Concen: 20.336 ug/l

RT: 5.271 min Scan# 564

Delta R.T. 0.000 min

Lab File: VN085273.D

Acq: 20 Dec 2024 10:29

Tgt Ion: 84 Resp: 44276

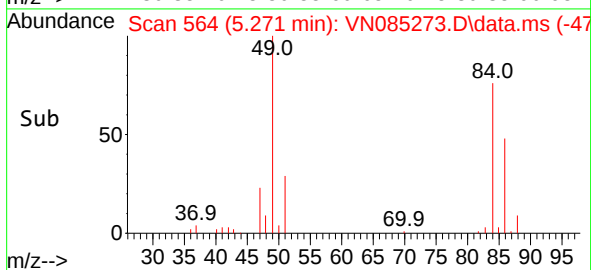
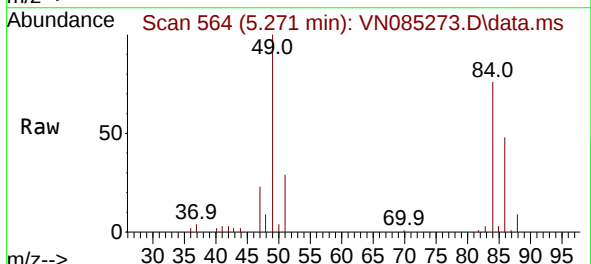
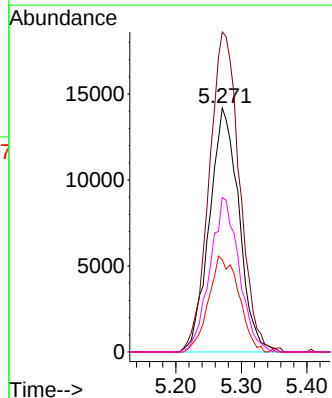
Ion Ratio Lower Upper

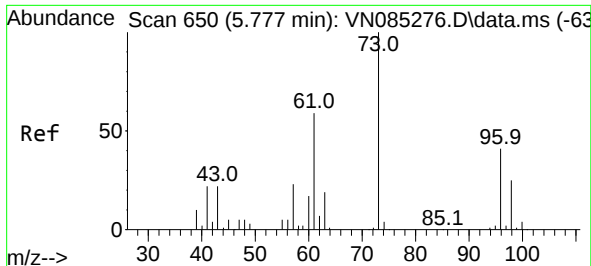
84 100

49 131.1 104.9 157.3

51 37.8 30.2 45.4

86 63.3 50.6 76.0





#19

trans-1,2-Dichloroethene

Concen: 19.960 ug/l

RT: 5.783 min Scan# 651

Delta R.T. 0.000 min

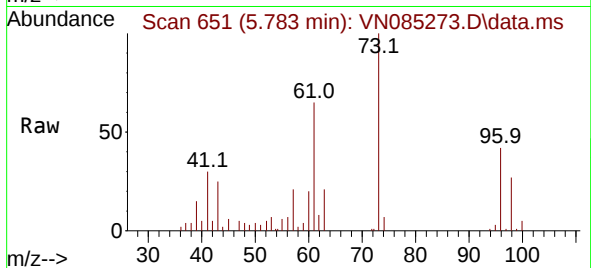
Lab File: VN085273.D

Acq: 20 Dec 2024 10:29

Instrument :

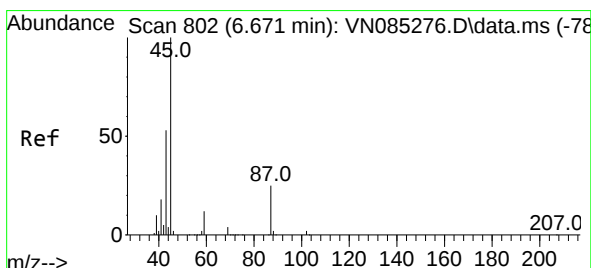
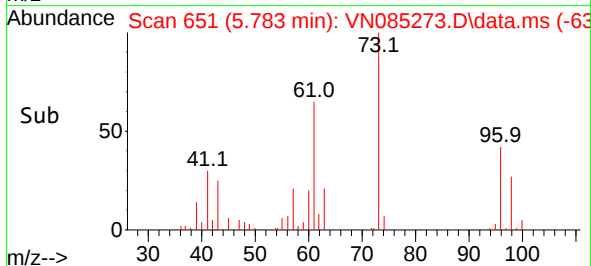
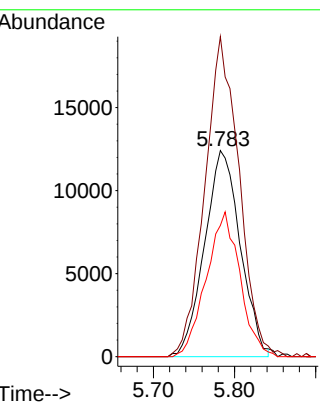
MSVOA_N

ClientSampleId :



Tgt Ion: 96 Resp: 37932

Ion	Ratio	Lower	Upper
96	100		
61	155.3	124.2	186.4
98	63.7	51.0	76.4



#20

Diisopropyl ether

Concen: 20.483 ug/l

RT: 6.671 min Scan# 802

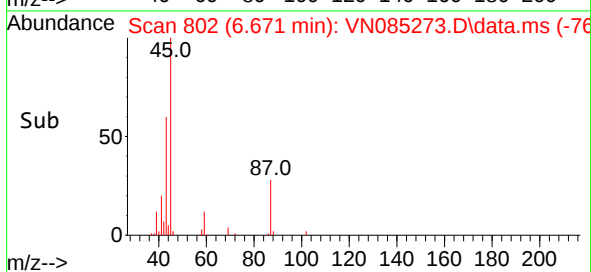
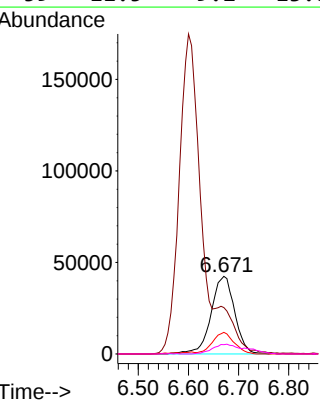
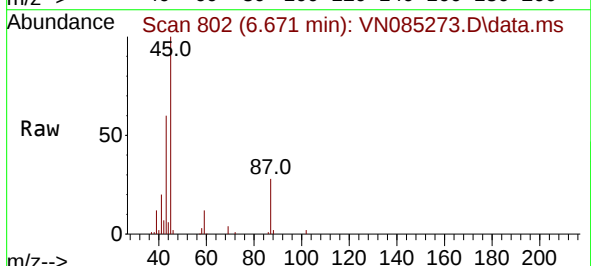
Delta R.T. 0.000 min

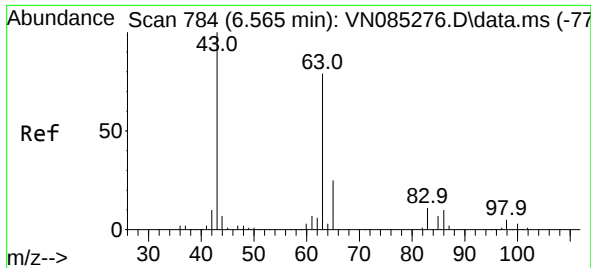
Lab File: VN085273.D

Acq: 20 Dec 2024 10:29

Tgt Ion: 45 Resp: 138751

Ion	Ratio	Lower	Upper
45	100		
43	58.2	46.6	69.8
87	27.9	22.3	33.5
59	11.5	9.2	13.8

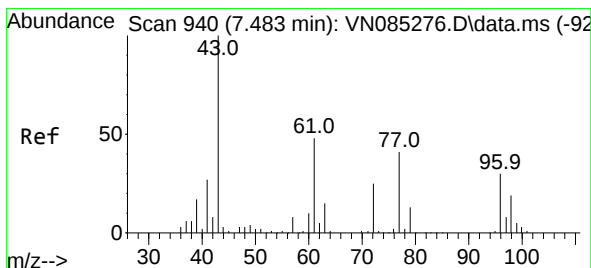
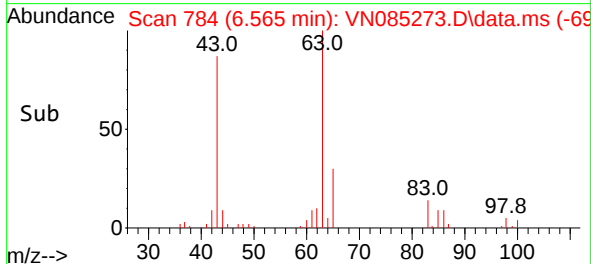
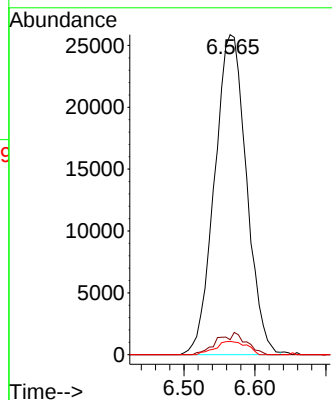
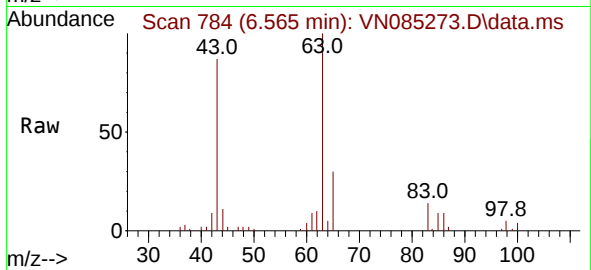




#21
1,1-Dichloroethane
Concen: 20.368 ug/l
RT: 6.565 min Scan# 784
Delta R.T. 0.000 min
Lab File: VN085273.D
Acq: 20 Dec 2024 10:29

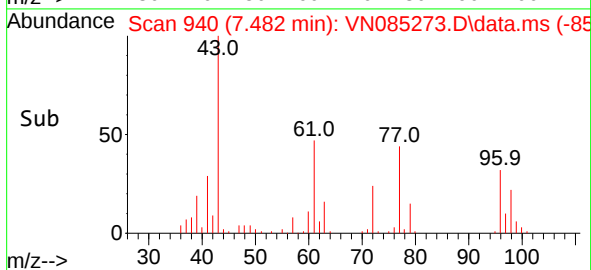
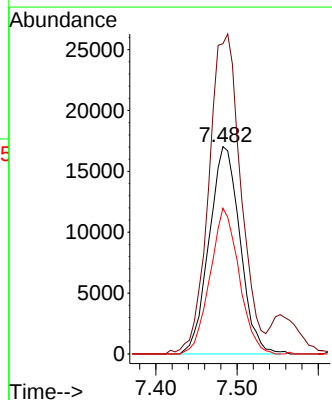
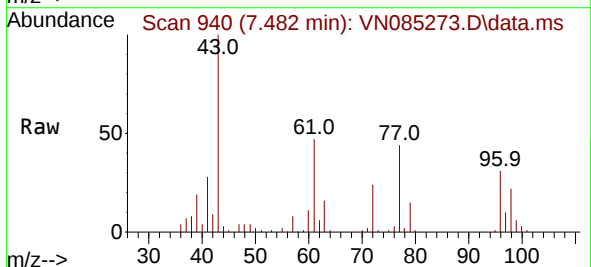
Instrument :
MSVOA_N
ClientSampleId :

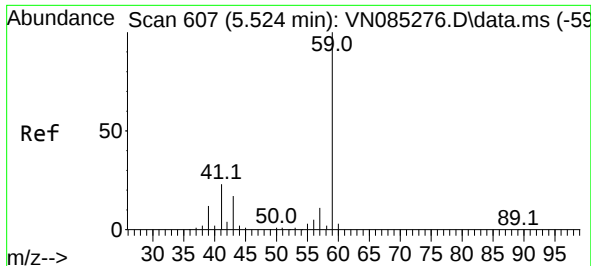
Tgt Ion: 63 Resp: 80659
Ion Ratio Lower Upper
63 100
98 4.7 2.4 7.1
100 4.2 2.1 6.3



#22
cis-1,2-Dichloroethene
Concen: 19.908 ug/l
RT: 7.482 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN085273.D
Acq: 20 Dec 2024 10:29

Tgt Ion: 96 Resp: 45052
Ion Ratio Lower Upper
96 100
61 160.1 128.1 192.1
98 65.9 52.7 79.1

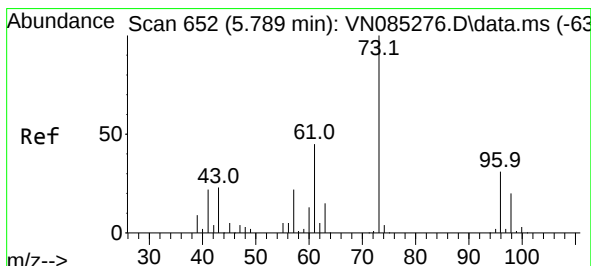
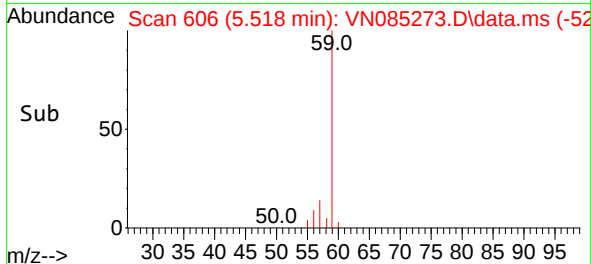
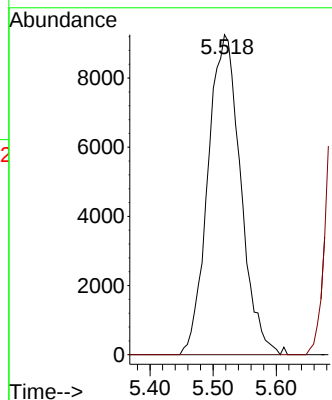
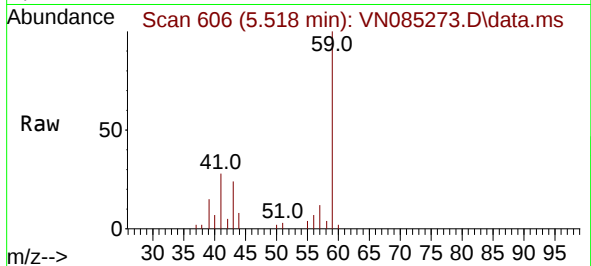




#23
tert-Butyl Alcohol
Concen: 95.473 ug/l
RT: 5.518 min Scan# 607
Delta R.T. 0.000 min
Lab File: VN085273.D
Acq: 20 Dec 2024 10:29

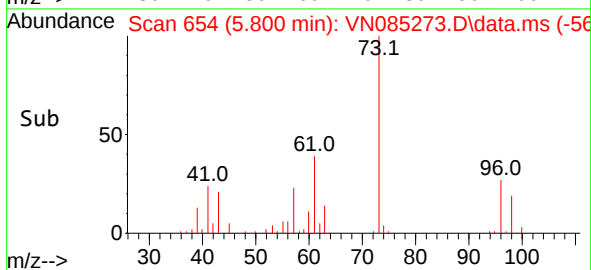
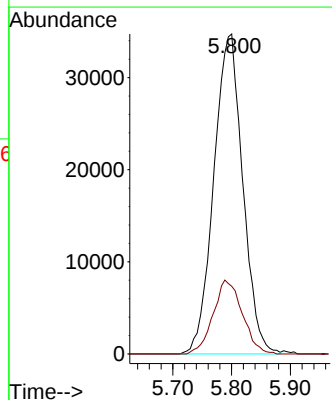
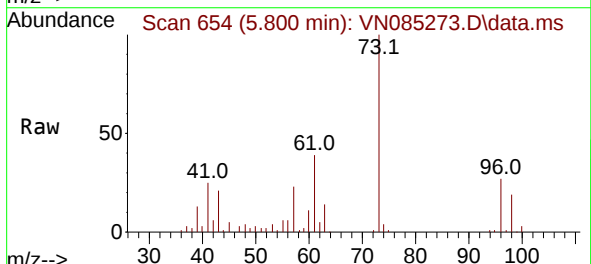
Instrument :
MSVOA_N
ClientSampleId :

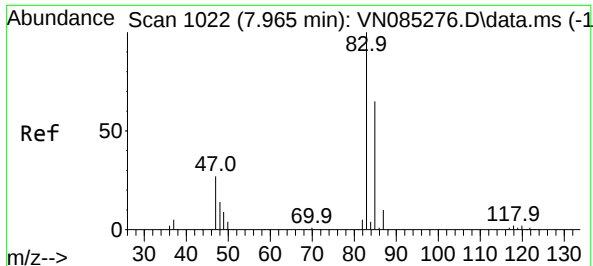
Tgt Ion: 59 Resp: 33206
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0



#24
Methyl tert-Butyl Ether
Concen: 19.811 ug/l
RT: 5.800 min Scan# 654
Delta R.T. 0.000 min
Lab File: VN085273.D
Acq: 20 Dec 2024 10:29

Tgt Ion: 73 Resp: 118809
Ion Ratio Lower Upper
73 100
43 23.2 18.6 27.8





#25

Chloroform

Concen: 20.595 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. 0.000 min

Lab File: VN085273.D

Acq: 20 Dec 2024 10:29

Instrument :

MSVOA_N

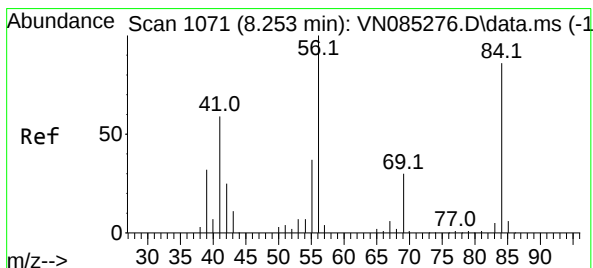
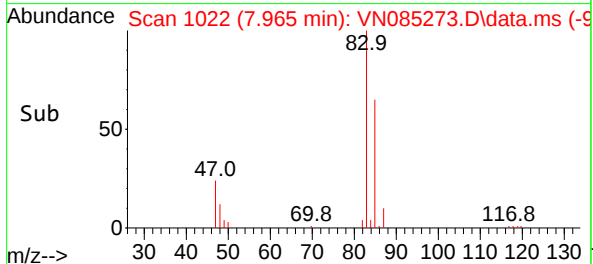
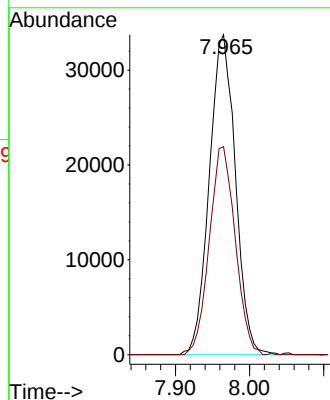
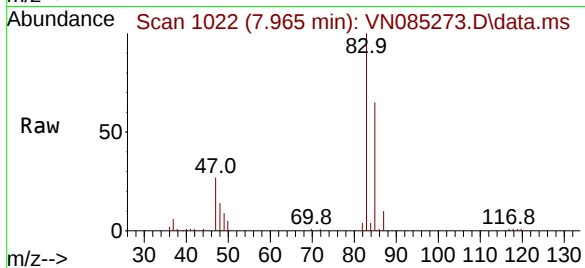
ClientSampleId :

Tgt Ion: 83 Resp: 82672

Ion Ratio Lower Upper

83 100

85 65.0 52.0 78.0



#26

Cyclohexane

Concen: 19.707 ug/l

RT: 8.253 min Scan# 1071

Delta R.T. 0.000 min

Lab File: VN085273.D

Acq: 20 Dec 2024 10:29

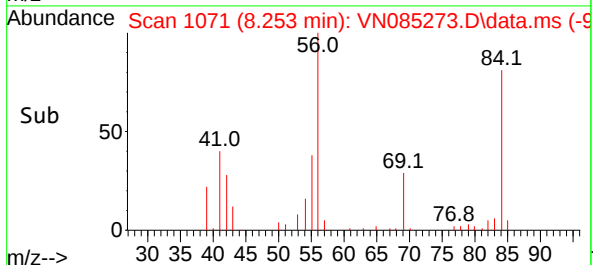
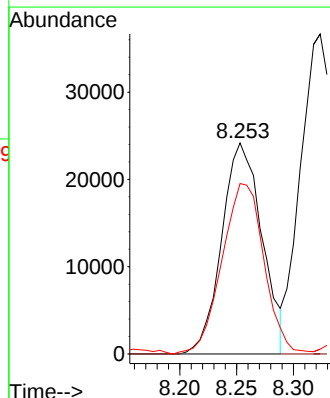
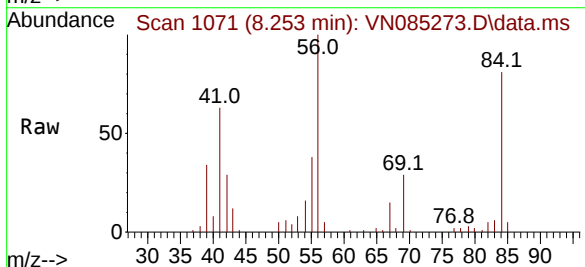
Tgt Ion: 56 Resp: 59501

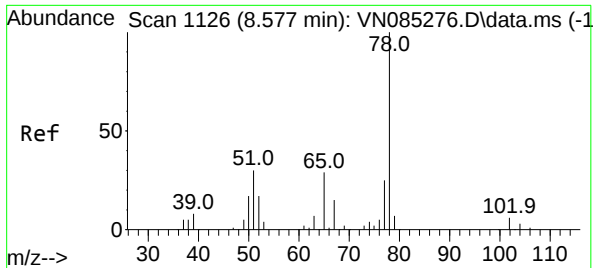
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

84 84.5 67.6 101.4

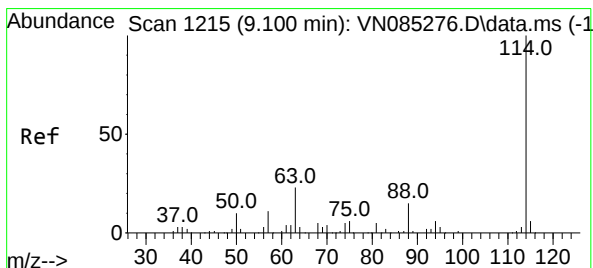
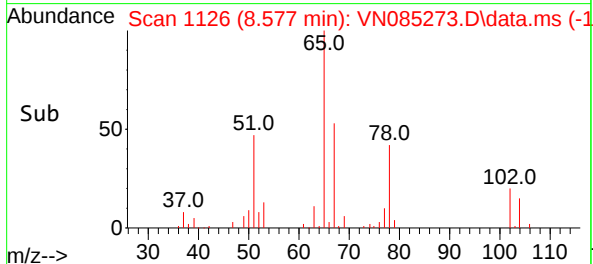
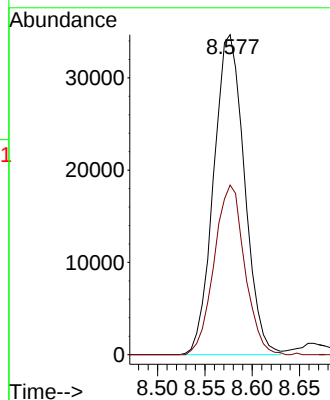
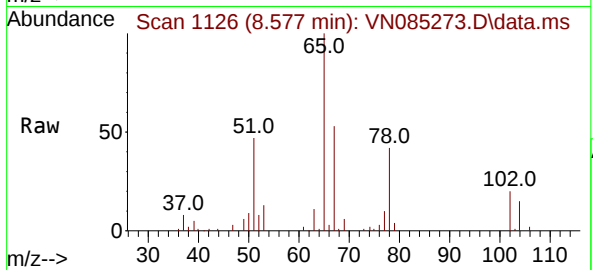




#27
1,2-Dichloroethane-d4
Concen: 30.189 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN085273.D
Acq: 20 Dec 2024 10:29

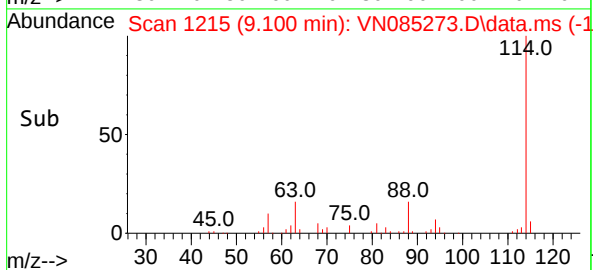
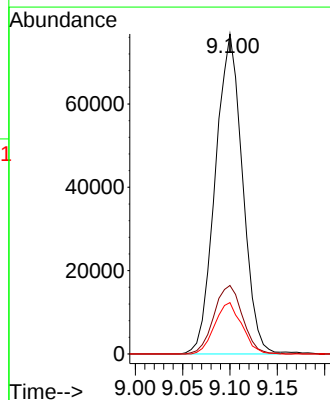
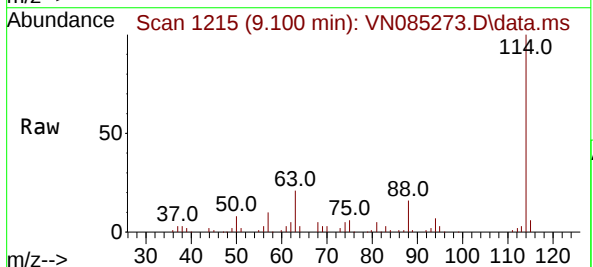
Instrument :
MSVOA_N
ClientSampleId :

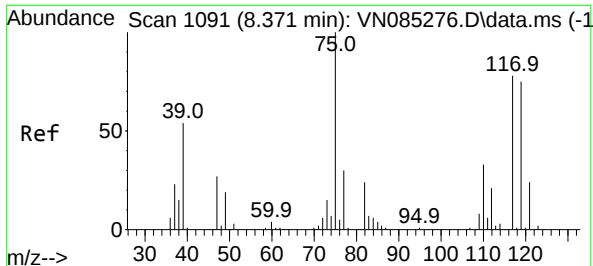
Tgt Ion: 65 Resp: 78544
Ion Ratio Lower Upper
65 100
67 52.5 42.0 63.0



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. 0.000 min
Lab File: VN085273.D
Acq: 20 Dec 2024 10:29

Tgt Ion: 114 Resp: 153203
Ion Ratio Lower Upper
114 100
63 22.5 18.0 27.0
88 16.1 12.9 19.3

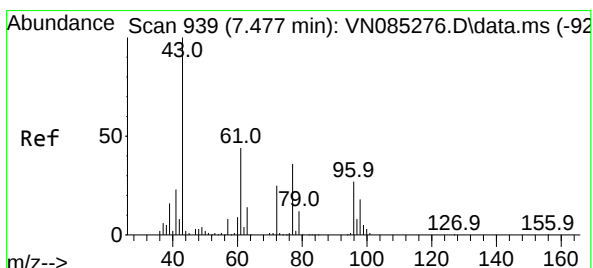
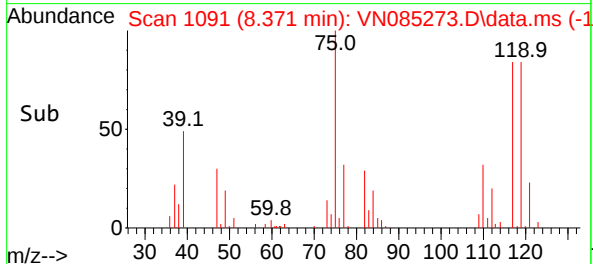
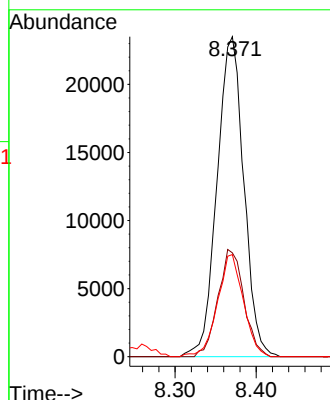
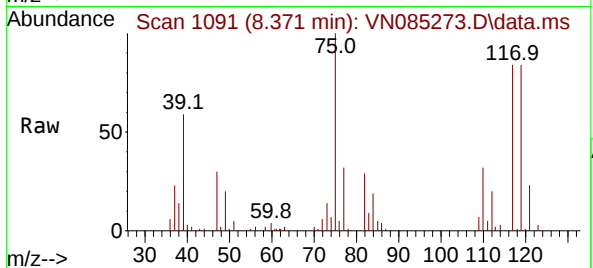




#29
1,1-Dichloropropene
Concen: 20.257 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.000 min
Lab File: VN085273.D
Acq: 20 Dec 2024 10:29

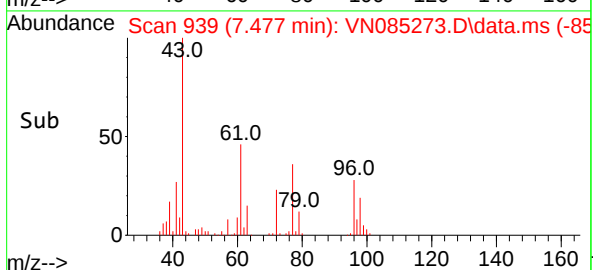
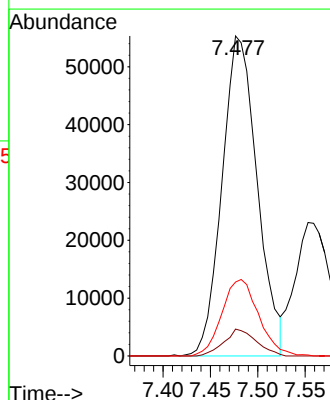
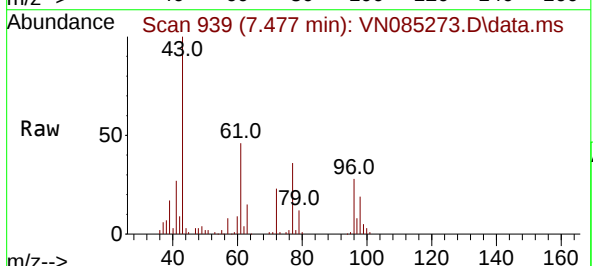
Instrument :
MSVOA_N
ClientSampleId :

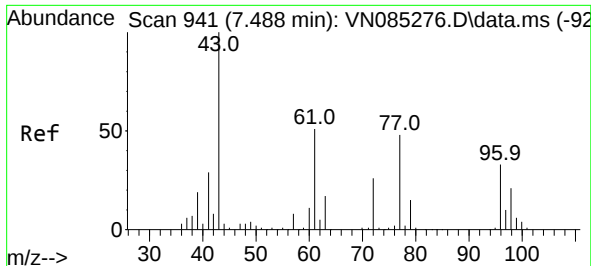
Tgt Ion: 75 Resp: 53883
Ion Ratio Lower Upper
75 100
110 32.4 0.0 64.8
77 30.4 0.0 60.8



#30
2-Butanone
Concen: 101.902 ug/l
RT: 7.477 min Scan# 939
Delta R.T. 0.000 min
Lab File: VN085273.D
Acq: 20 Dec 2024 10:29

Tgt Ion: 43 Resp: 143077
Ion Ratio Lower Upper
43 100
57 7.7 6.2 9.2
72 24.9 19.9 29.9

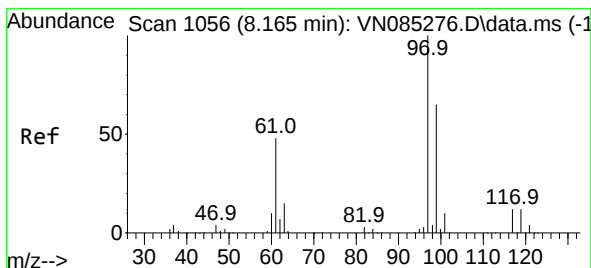
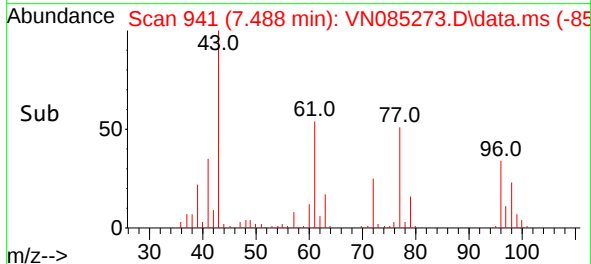
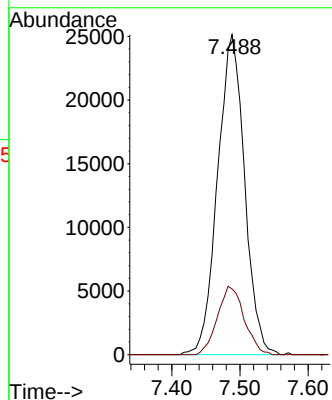
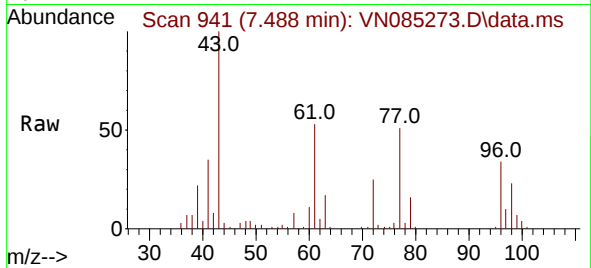




#31
2,2-Dichloropropane
Concen: 20.546 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN085273.D
Acq: 20 Dec 2024 10:29

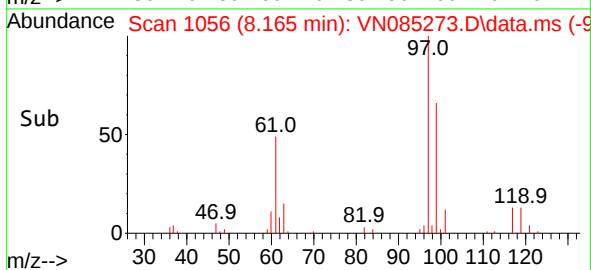
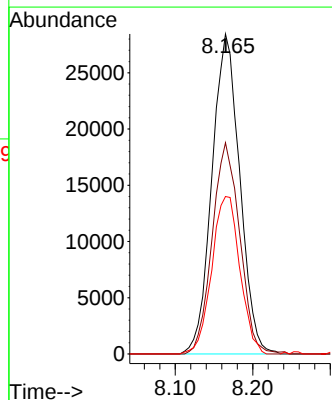
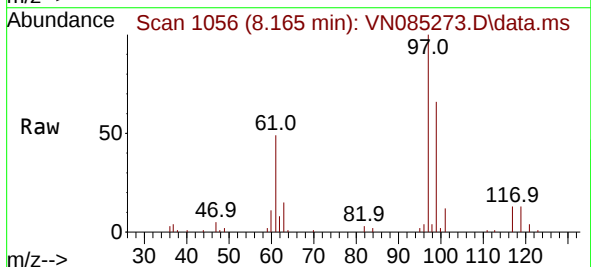
Instrument :
MSVOA_N
ClientSampleId :

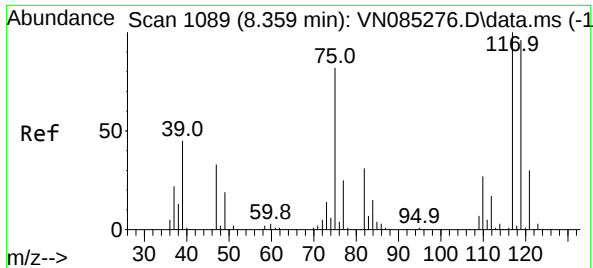
Tgt Ion: 77 Resp: 69250
Ion Ratio Lower Upper
77 100
97 21.1 16.9 25.3



#32
1,1,1-Trichloroethane
Concen: 20.535 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN085273.D
Acq: 20 Dec 2024 10:29

Tgt Ion: 97 Resp: 71008
Ion Ratio Lower Upper
97 100
99 65.2 52.2 78.2
61 49.8 39.8 59.8

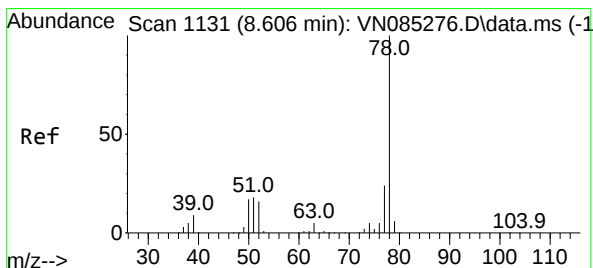
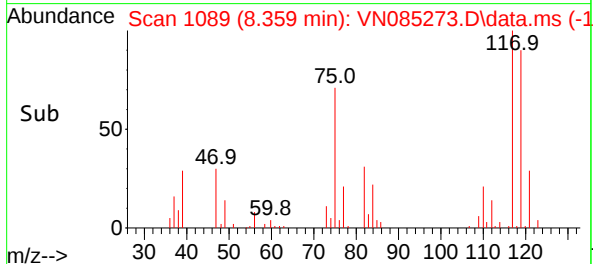
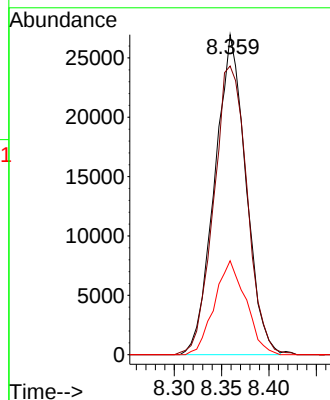
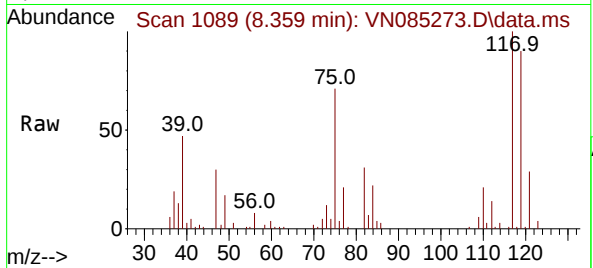




#33
Carbon Tetrachloride
Concen: 20.430 ug/l
RT: 8.359 min Scan# 1108
Delta R.T. 0.000 min
Lab File: VN085273.D
Acq: 20 Dec 2024 10:29

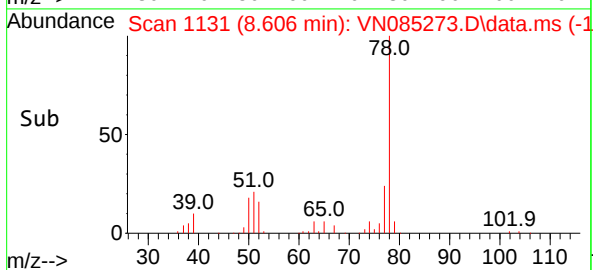
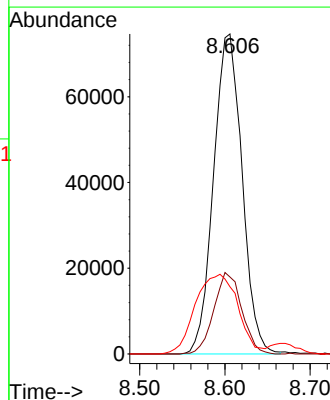
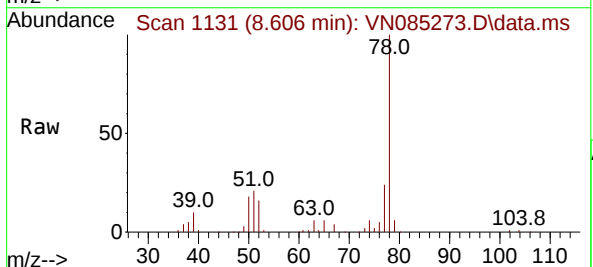
Instrument :
MSVOA_N
ClientSampleId :

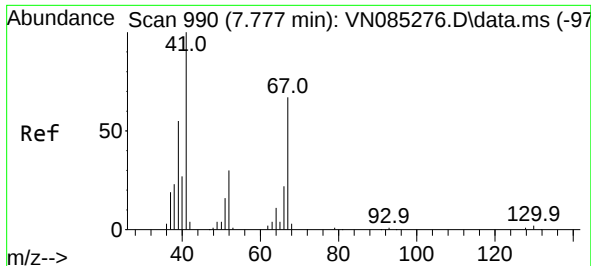
Tgt Ion:117 Resp: 61840
Ion Ratio Lower Upper
117 100
119 89.5 71.6 107.4
121 29.4 23.5 35.3



#34
Benzene
Concen: 20.650 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VN085273.D
Acq: 20 Dec 2024 10:29

Tgt Ion: 78 Resp: 173626
Ion Ratio Lower Upper
78 100
77 24.1 19.3 28.9
51 18.2 14.6 21.8



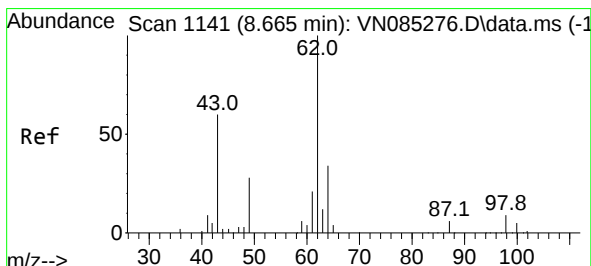
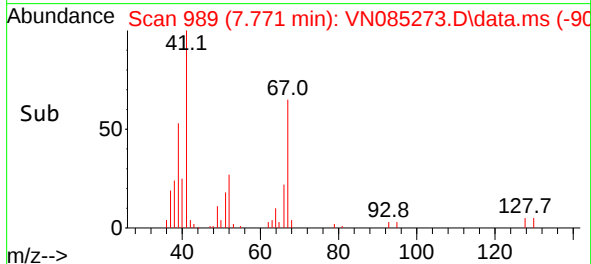
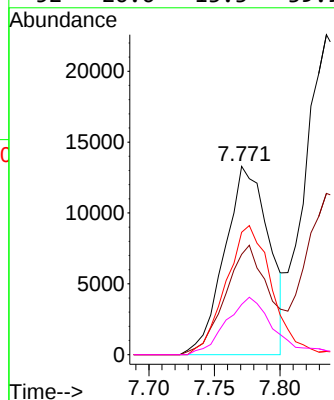
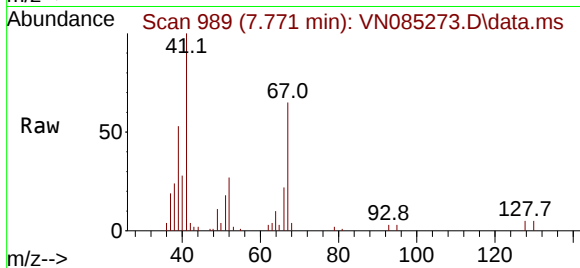


#35
Methacrylonitrile
Concen: 20.166 ug/l
RT: 7.771 min Scan# 911
Delta R.T. 0.000 min
Lab File: VN085273.D
Acq: 20 Dec 2024 10:29

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 41 Resp: 31344

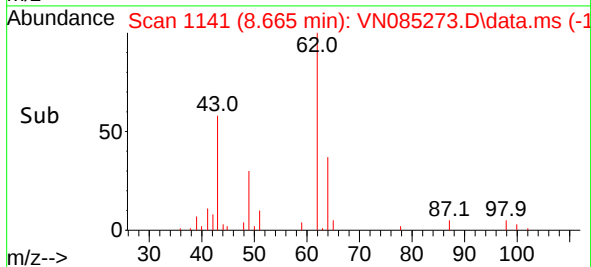
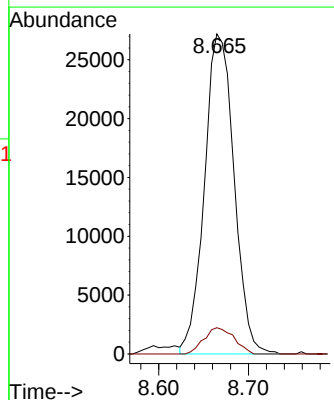
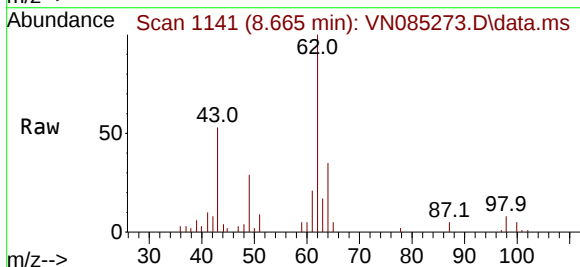
Ion	Ratio	Lower	Upper
41	100		
39	53.3	26.7	80.0
67	65.0	32.5	97.5
52	26.6	13.3	39.9

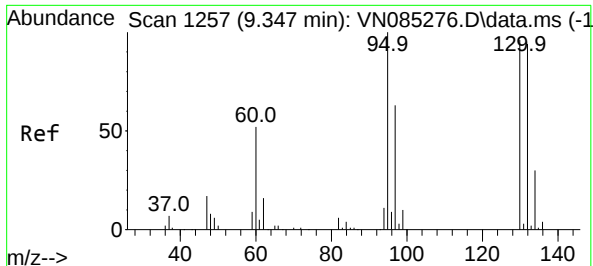


#36
1,2-Dichloroethane
Concen: 20.482 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. 0.000 min
Lab File: VN085273.D
Acq: 20 Dec 2024 10:29

Tgt Ion: 62 Resp: 62275

Ion	Ratio	Lower	Upper
62	100		
98	8.3	6.6	10.0





#37

Trichloroethene

Concen: 20.343 ug/l

RT: 9.347 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN085273.D

Acq: 20 Dec 2024 10:29

Instrument :

MSVOA_N

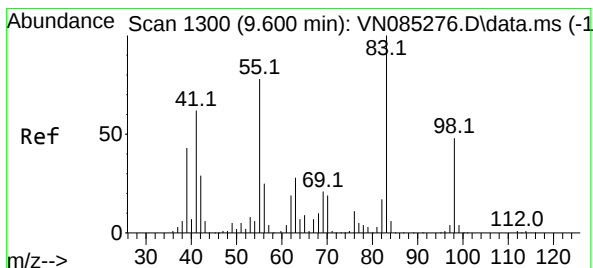
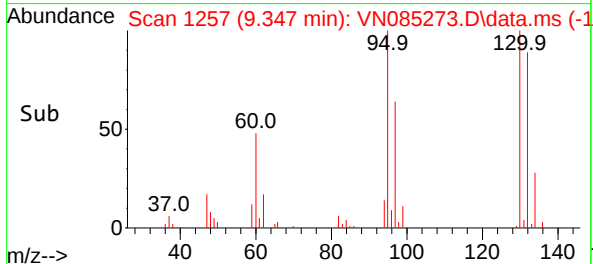
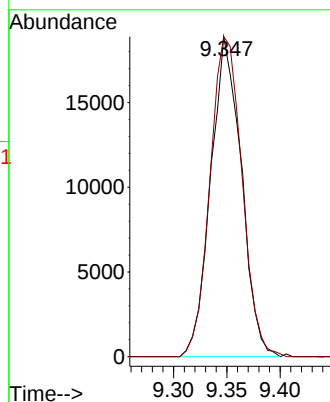
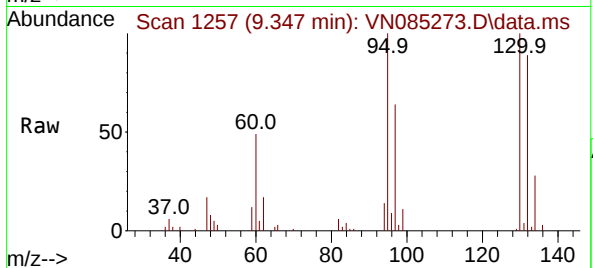
ClientSampleId :

Tgt Ion:130 Resp: 37633

Ion Ratio Lower Upper

130 100

95 100.0 80.0 120.0



#38

Methylcyclohexane

Concen: 18.539 ug/l

RT: 9.600 min Scan# 1300

Delta R.T. 0.000 min

Lab File: VN085273.D

Acq: 20 Dec 2024 10:29

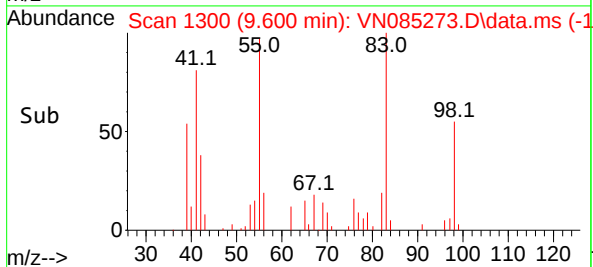
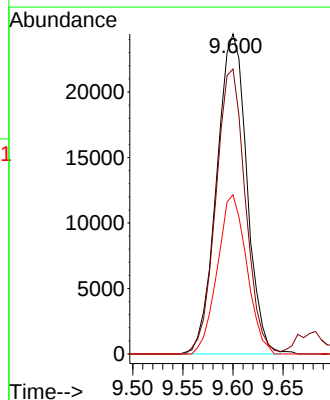
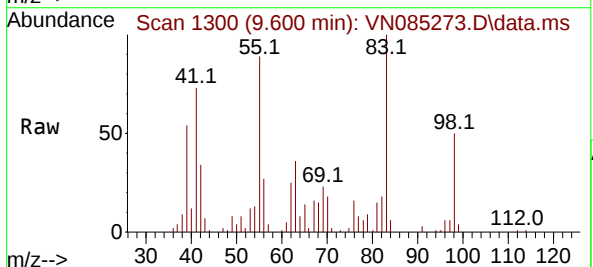
Tgt Ion: 83 Resp: 51030

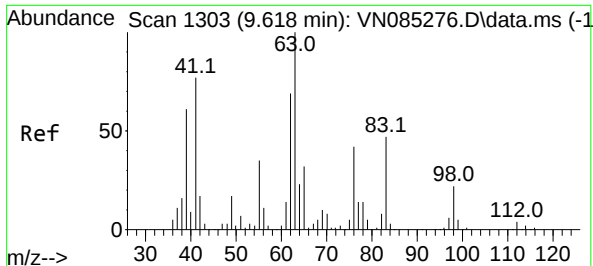
Ion Ratio Lower Upper

83 100

55 87.2 43.6 130.8

98 48.4 24.2 72.6





#39

1,2-Dichloropropane

Concen: 20.579 ug/l

RT: 9.618 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN085273.D

Acq: 20 Dec 2024 10:29

Instrument :

MSVOA_N

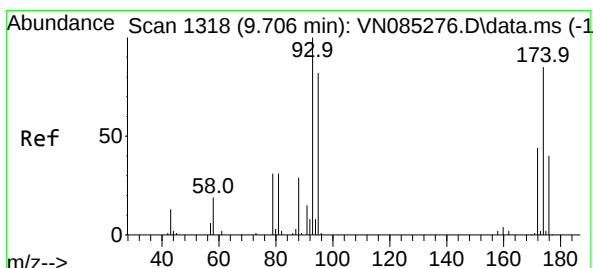
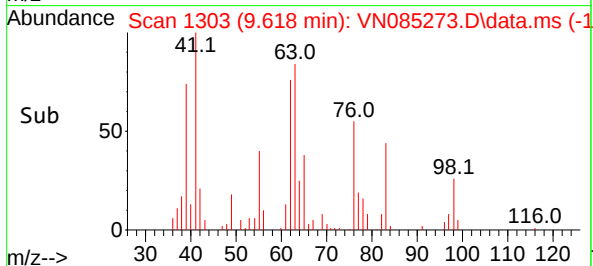
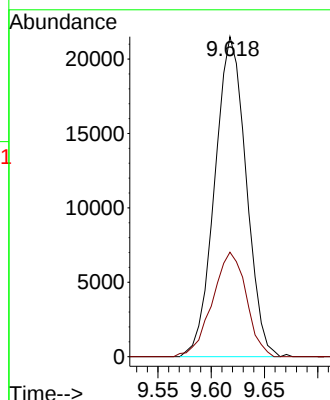
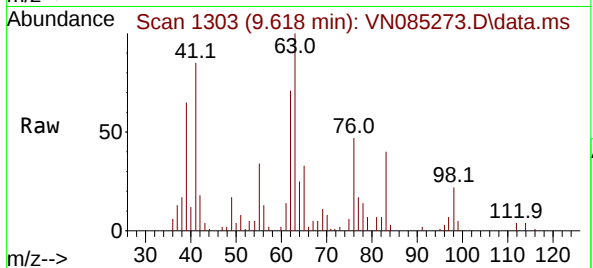
ClientSampleId :

Tgt Ion: 63 Resp: 44023

Ion Ratio Lower Upper

63 100

65 32.6 26.1 39.1



#40

Dibromomethane

Concen: 20.502 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. 0.000 min

Lab File: VN085273.D

Acq: 20 Dec 2024 10:29

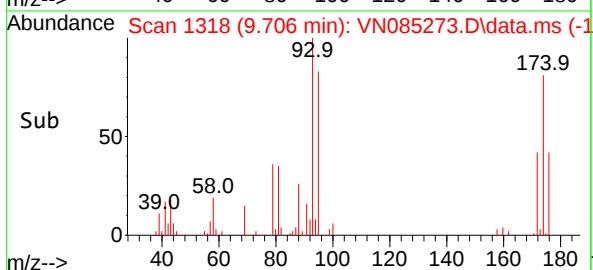
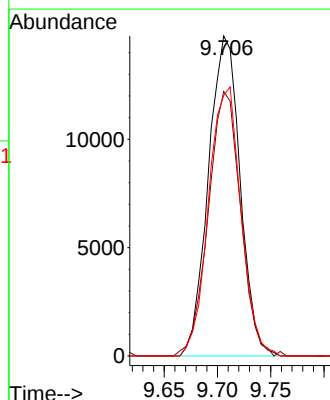
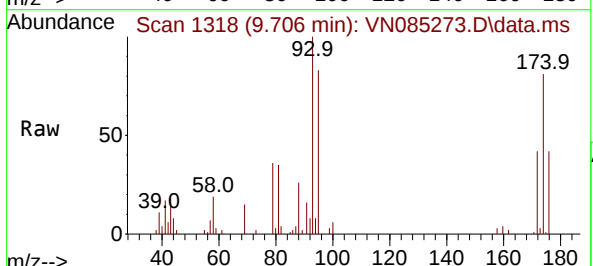
Tgt Ion: 93 Resp: 30578

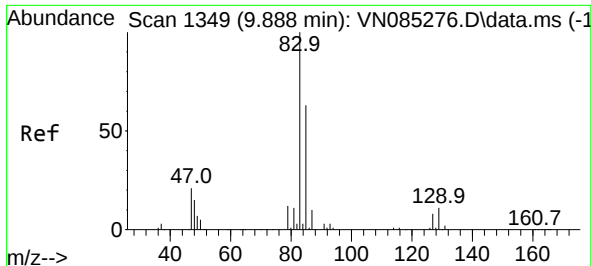
Ion Ratio Lower Upper

93 100

95 83.8 0.0 167.6

174 85.5 0.0 171.0

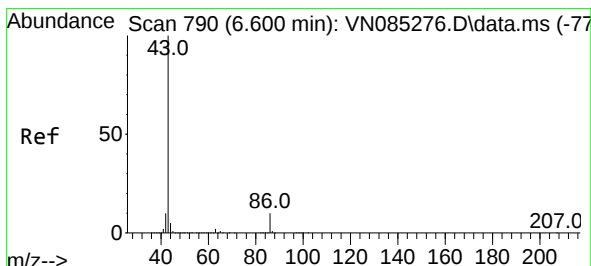
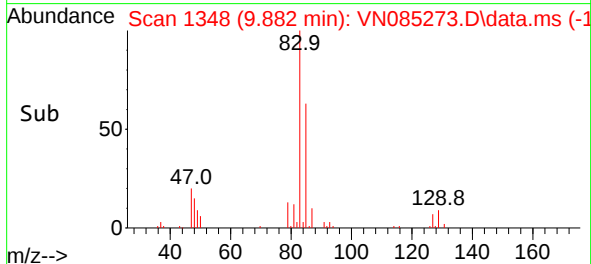
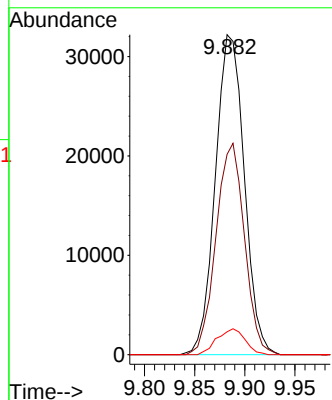
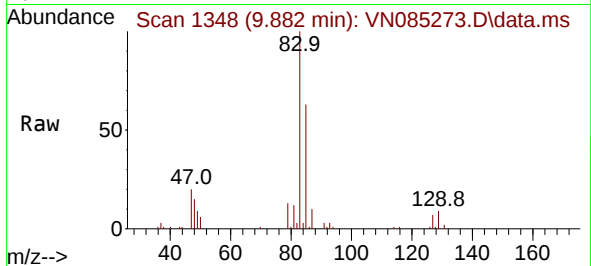




#41
Bromodichloromethane
Concen: 20.756 ug/l
RT: 9.882 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN085273.D
Acq: 20 Dec 2024 10:29

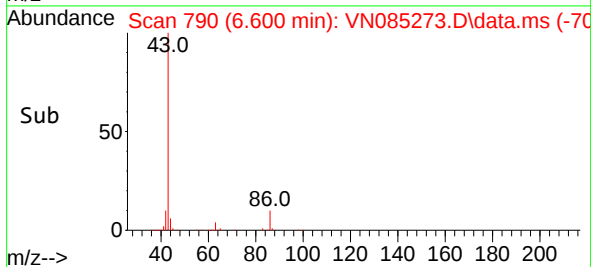
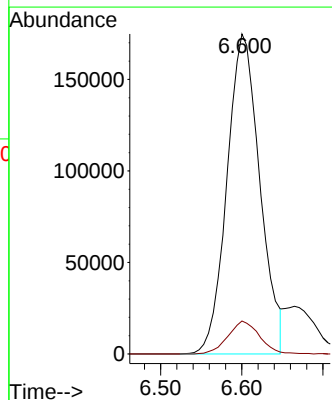
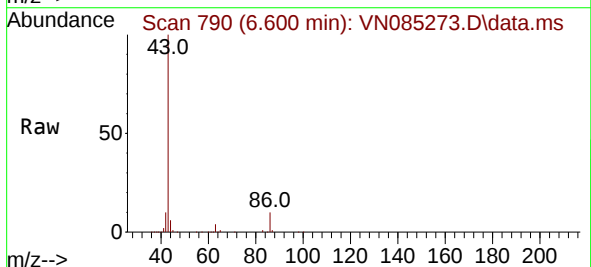
Instrument :
MSVOA_N
ClientSampleId :

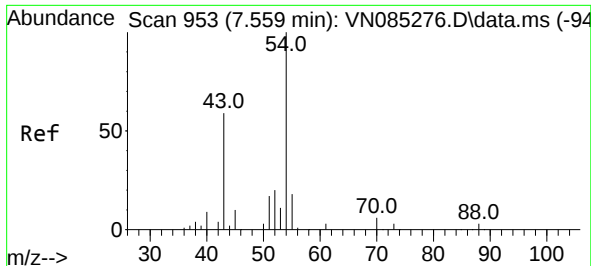
Tgt Ion: 83 Resp: 64696
Ion Ratio Lower Upper
83 100
85 62.6 50.1 75.1
127 7.2 5.8 8.6



#42
Vinyl Acetate
Concen: 99.300 ug/l
RT: 6.600 min Scan# 790
Delta R.T. 0.000 min
Lab File: VN085273.D
Acq: 20 Dec 2024 10:29

Tgt Ion: 43 Resp: 492149
Ion Ratio Lower Upper
43 100
86 9.9 7.9 11.9

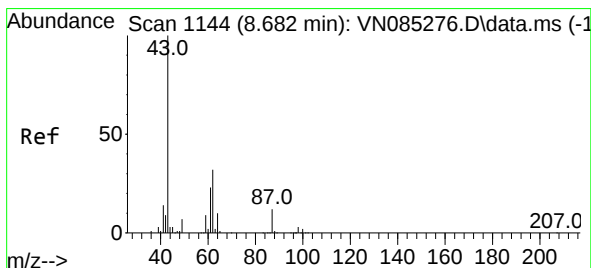
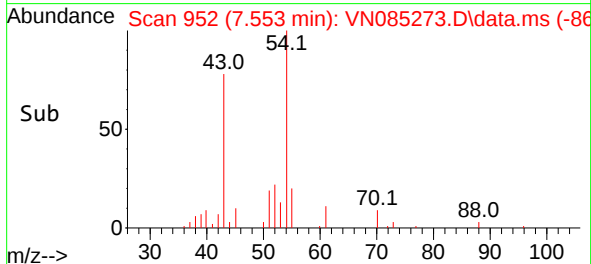
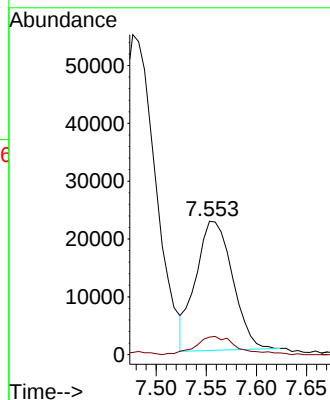
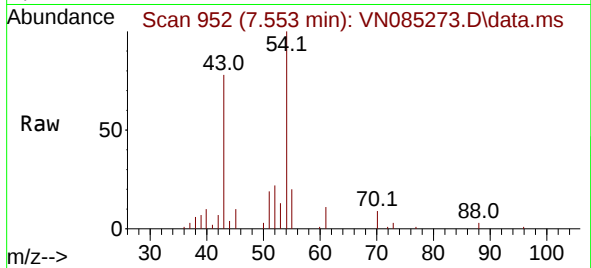




#43
Ethyl Acetate
Concen: 19.619 ug/l
RT: 7.553 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN085273.D
Acq: 20 Dec 2024 10:29

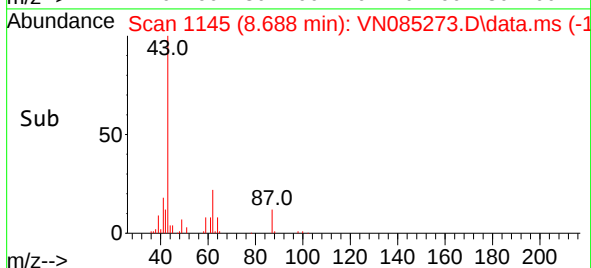
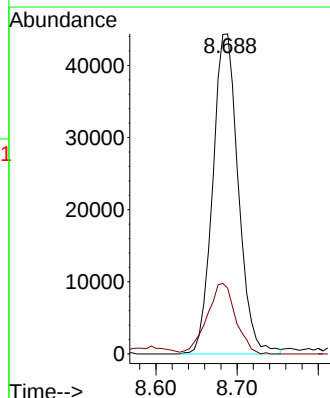
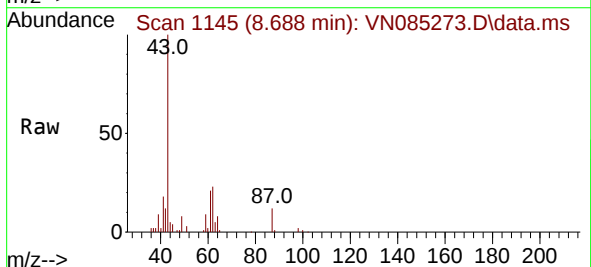
Instrument :
MSVOA_N
ClientSampleId :

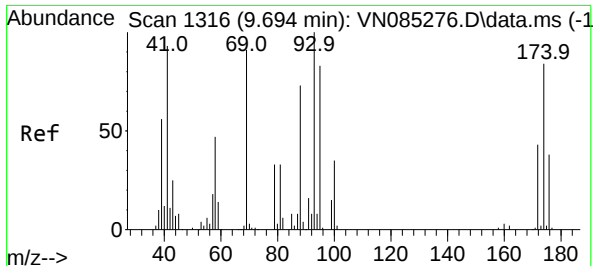
Tgt Ion: 43 Resp: 56967
Ion Ratio Lower Upper
43 100
45 14.9 11.9 17.9



#44
Isopropyl Acetate
Concen: 20.124 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN085273.D
Acq: 20 Dec 2024 10:29

Tgt Ion: 43 Resp: 97067
Ion Ratio Lower Upper
43 100
61 24.6 19.7 29.5





#45

1,4-Dioxane

Concen: 404.160 ug/l

RT: 9.688 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN085273.D

Acq: 20 Dec 2024 10:29

Instrument :

MSVOA_N

ClientSampleId :

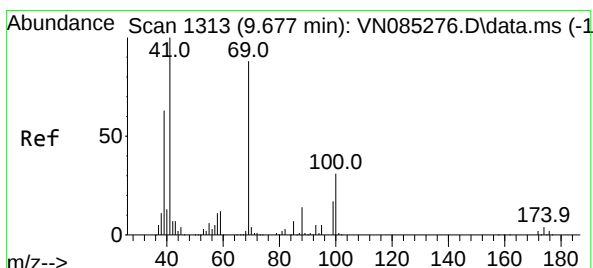
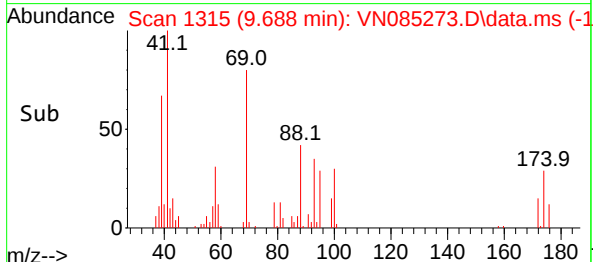
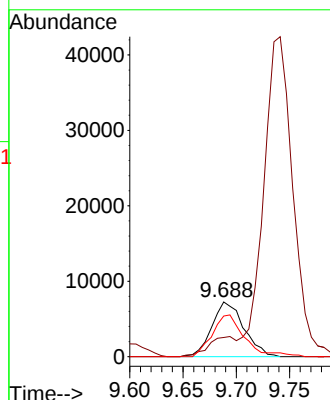
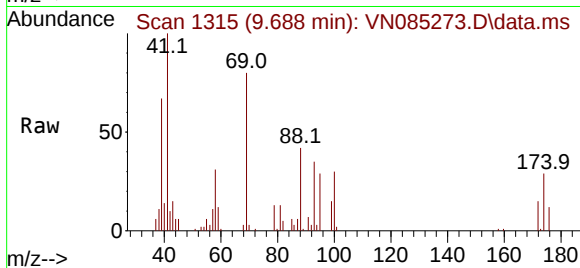
Tgt Ion: 88 Resp: 15163

Ion Ratio Lower Upper

88 100

43 31.8 25.4 38.2

58 73.1 58.5 87.7



#46

Methyl methacrylate

Concen: 20.097 ug/l

RT: 9.682 min Scan# 1314

Delta R.T. 0.000 min

Lab File: VN085273.D

Acq: 20 Dec 2024 10:29

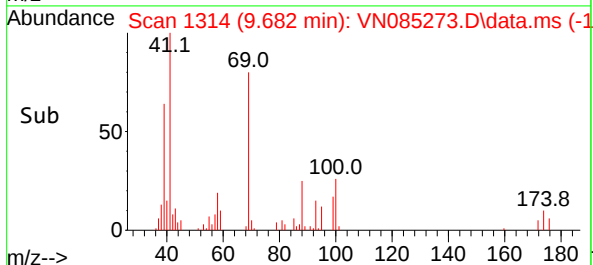
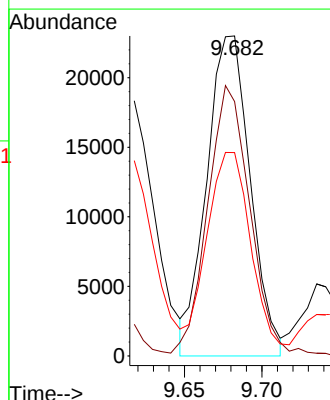
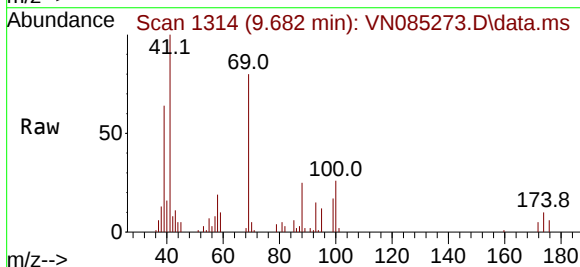
Tgt Ion: 41 Resp: 44997

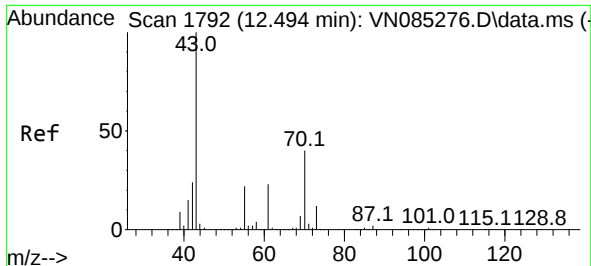
Ion Ratio Lower Upper

41 100

69 79.7 39.9 119.6

39 63.3 31.6 95.0

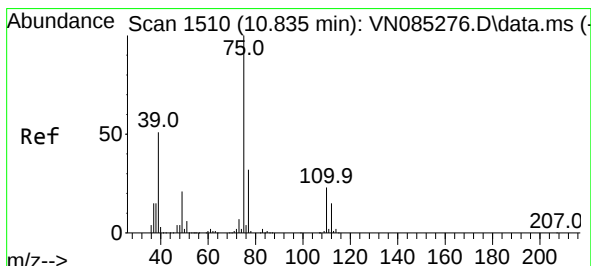
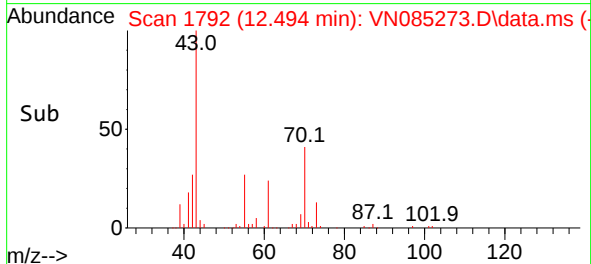
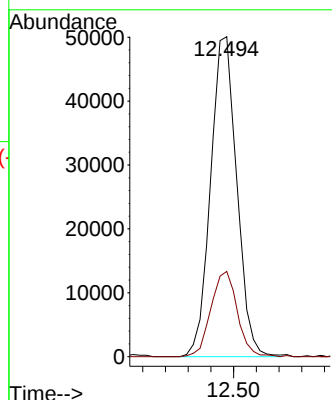
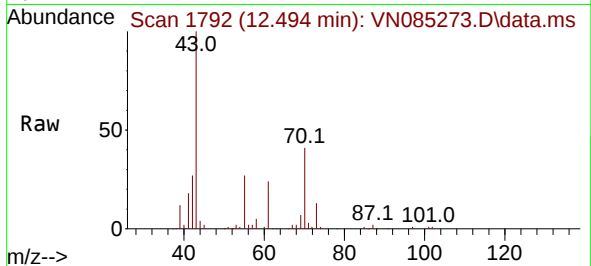




#47
n-amyl acetate
Concen: 19.555 ug/l
RT: 12.494 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN085273.D
Acq: 20 Dec 2024 10:29

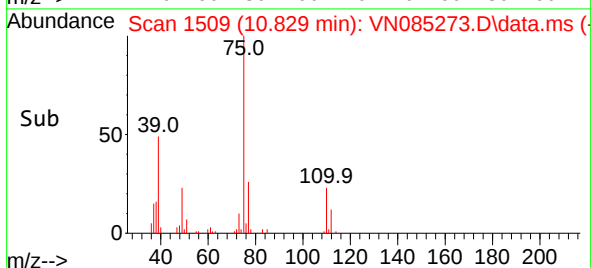
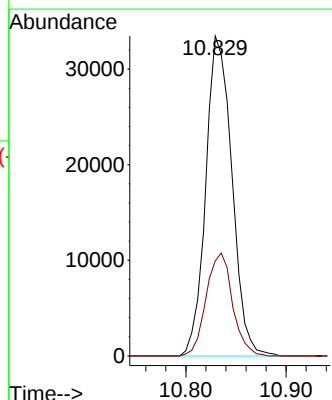
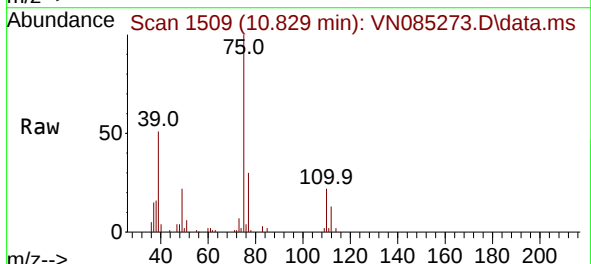
Instrument :
MSVOA_N
ClientSampleId :

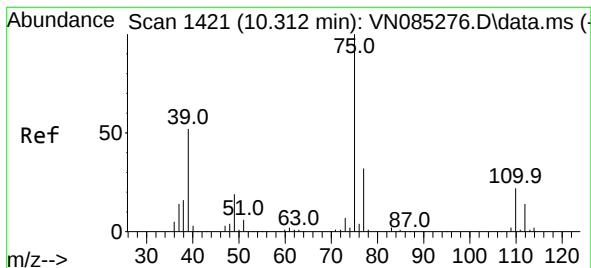
Tgt Ion: 43 Resp: 80353
Ion Ratio Lower Upper
43 100
55 26.6 21.3 31.9



#48
t-1,3-Dichloropropene
Concen: 19.723 ug/l
RT: 10.829 min Scan# 1509
Delta R.T. 0.000 min
Lab File: VN085273.D
Acq: 20 Dec 2024 10:29

Tgt Ion: 75 Resp: 60723
Ion Ratio Lower Upper
75 100
77 29.7 23.8 35.6





#49

cis-1,3-Dichloropropene

Concen: 19.889 ug/l

RT: 10.312 min Scan# 1421

Delta R.T. 0.000 min

Lab File: VN085273.D

Acq: 20 Dec 2024 10:29

Instrument :

MSVOA_N

ClientSampleId :

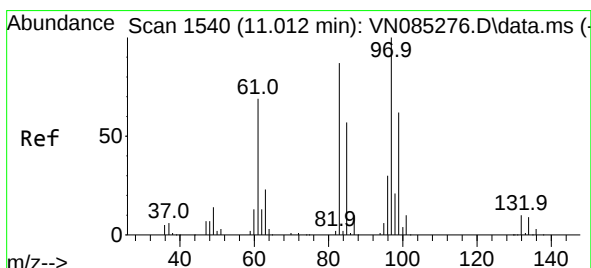
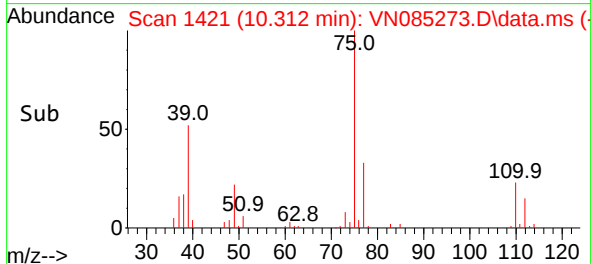
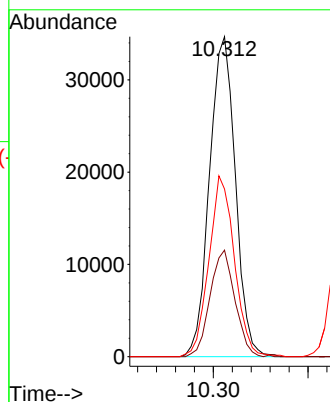
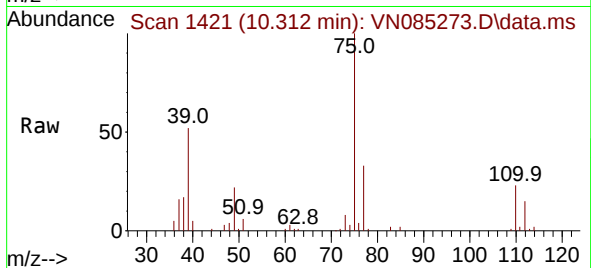
Tgt Ion: 75 Resp: 65832

Ion Ratio Lower Upper

75 100

77 33.3 26.6 40.0

39 52.4 41.9 62.9



#50

1,1,2-Trichloroethane

Concen: 21.044 ug/l

RT: 11.012 min Scan# 1540

Delta R.T. 0.000 min

Lab File: VN085273.D

Acq: 20 Dec 2024 10:29

Tgt Ion: 97 Resp: 41047

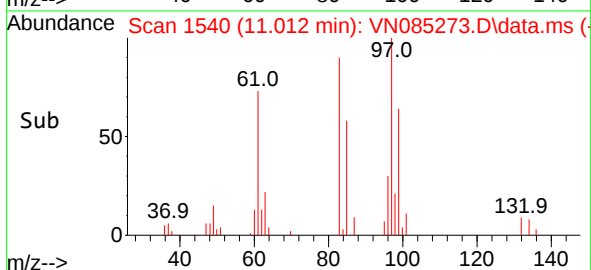
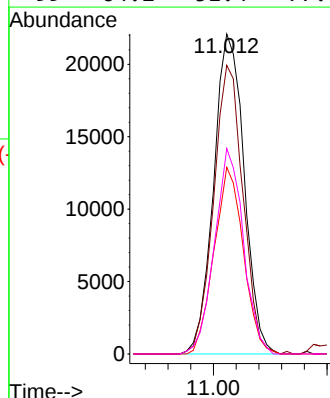
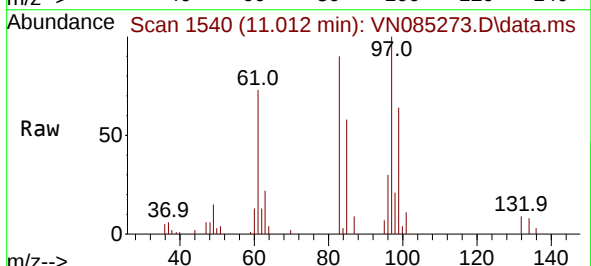
Ion Ratio Lower Upper

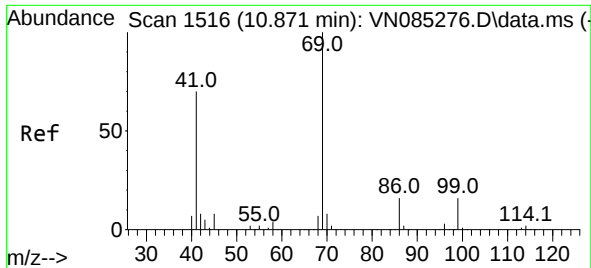
97 100

83 90.2 72.2 108.2

85 58.3 46.6 70.0

99 64.2 51.4 77.0

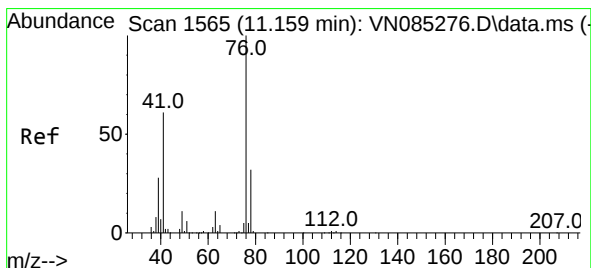
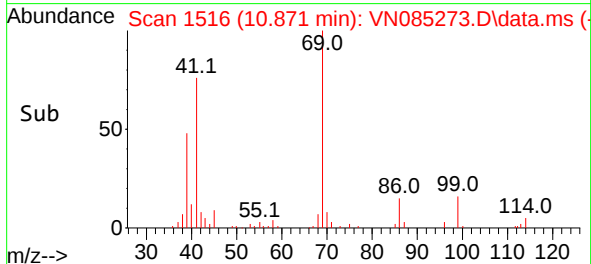
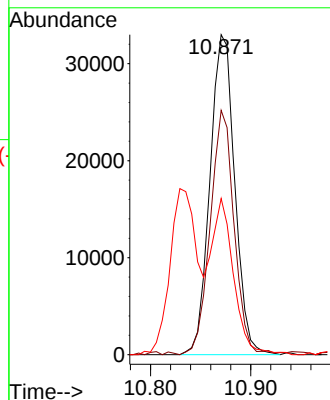
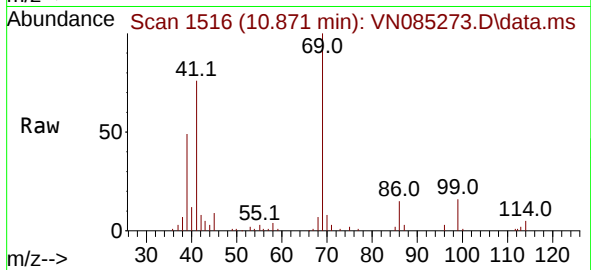




#51
Ethyl methacrylate
Concen: 19.221 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VN085273.D
Acq: 20 Dec 2024 10:29

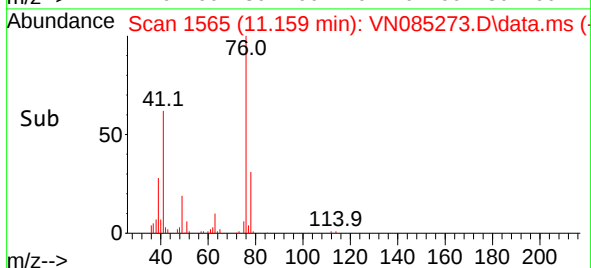
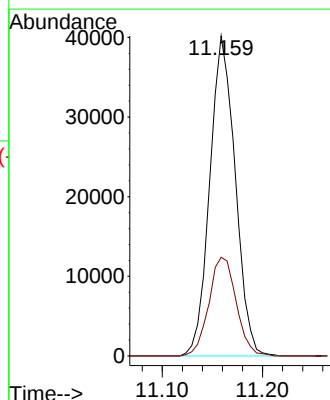
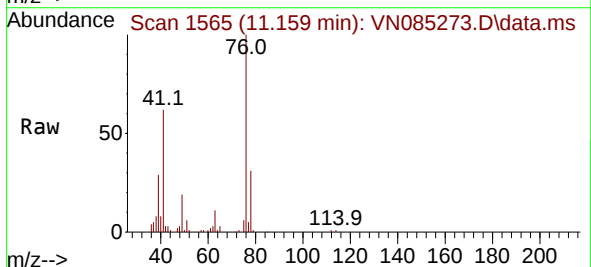
Instrument :
MSVOA_N
ClientSampleId :

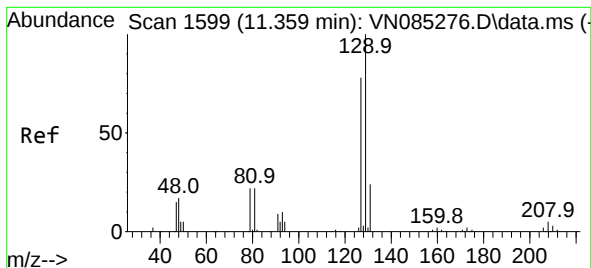
Tgt Ion: 69 Resp: 56707
Ion Ratio Lower Upper
69 100
41 76.3 38.1 114.5
39 48.1 24.1 72.2



#52
1,3-Dichloropropane
Concen: 20.823 ug/l
RT: 11.159 min Scan# 1565
Delta R.T. 0.000 min
Lab File: VN085273.D
Acq: 20 Dec 2024 10:29

Tgt Ion: 76 Resp: 70899
Ion Ratio Lower Upper
76 100
78 33.1 0.0 66.2





#53

Dibromochloromethane

Concen: 20.815 ug/l

RT: 11.359 min Scan# 1599

Delta R.T. 0.000 min

Lab File: VN085273.D

Acq: 20 Dec 2024 10:29

Instrument :

MSVOA_N

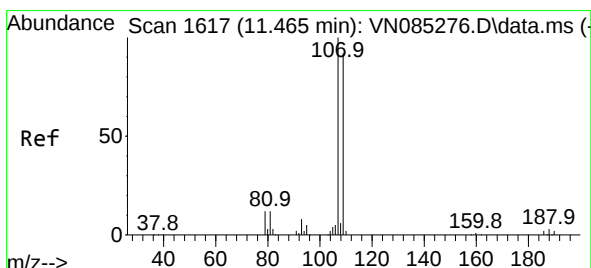
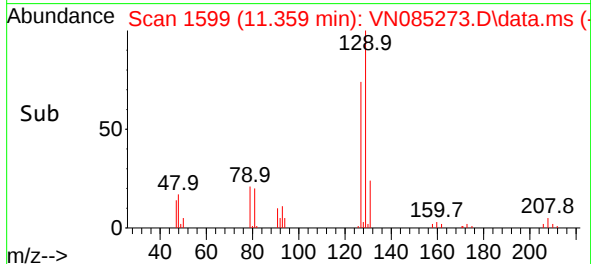
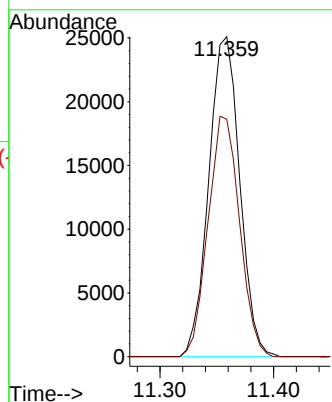
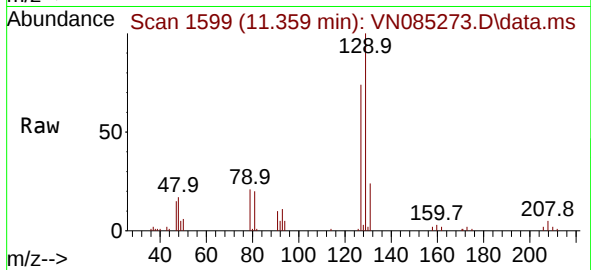
ClientSampleId :

Tgt Ion:129 Resp: 47574

Ion Ratio Lower Upper

129 100

127 76.2 38.1 114.3



#54

1,2-Dibromoethane

Concen: 20.363 ug/l

RT: 11.465 min Scan# 1617

Delta R.T. 0.000 min

Lab File: VN085273.D

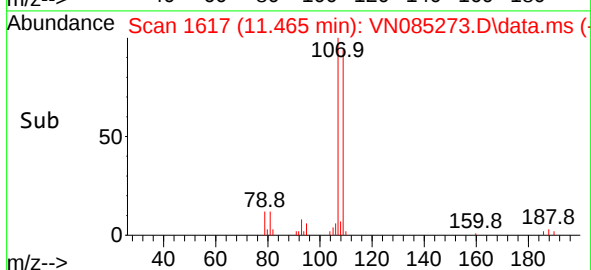
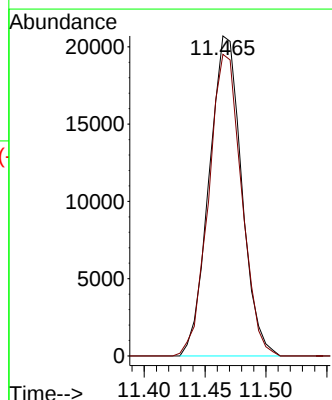
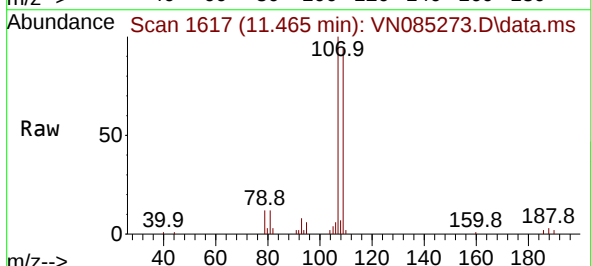
Acq: 20 Dec 2024 10:29

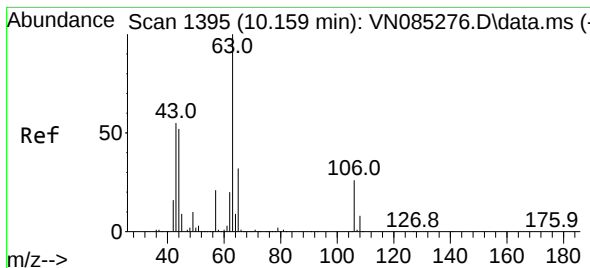
Tgt Ion:107 Resp: 38439

Ion Ratio Lower Upper

107 100

109 95.3 76.2 114.4



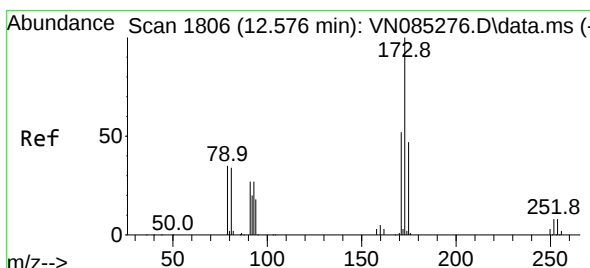
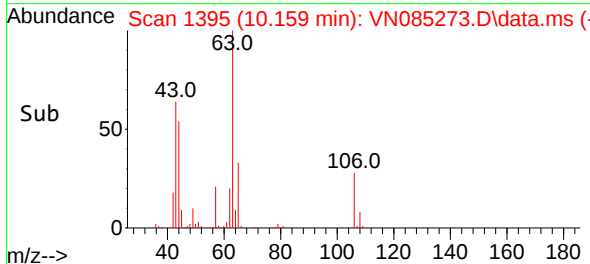
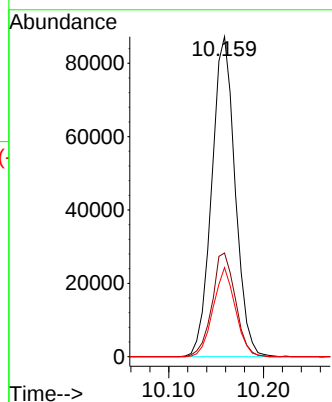
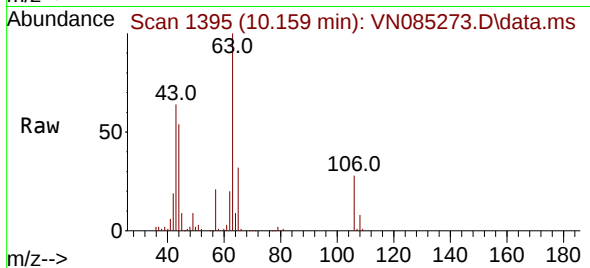


#55
 2-Chloroethyl vinyl ether
 Concen: 98.342 ug/l
 RT: 10.159 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VN085273.D
 Acq: 20 Dec 2024 10:29

Instrument :
 MSVOA_N
 ClientSampleId :

Tgt Ion: 63 Resp: 149446

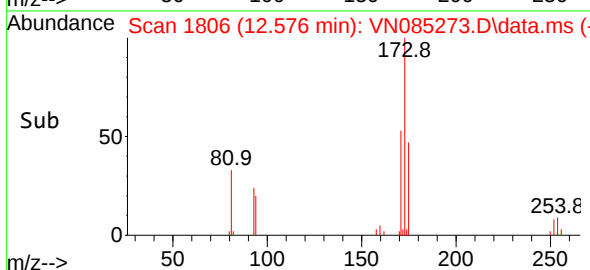
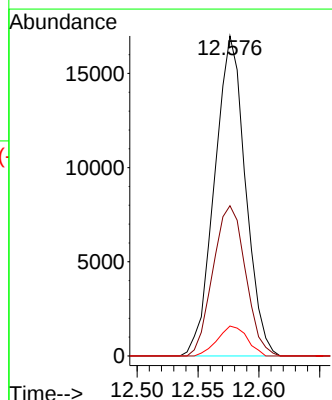
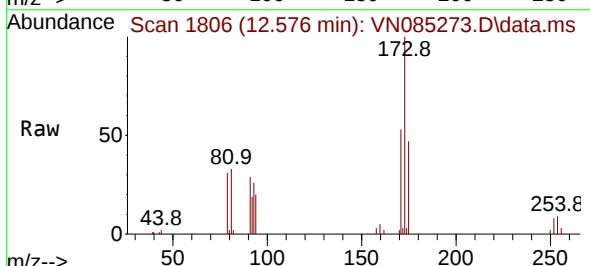
Ion	Ratio	Lower	Upper
63	100		
65	32.4	25.9	38.9
106	26.5	21.2	31.8

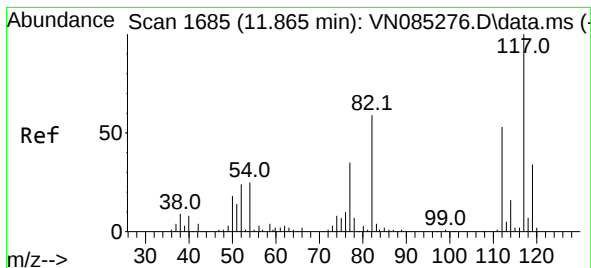


#56
 Bromoform
 Concen: 20.122 ug/l
 RT: 12.576 min Scan# 1806
 Delta R.T. 0.000 min
 Lab File: VN085273.D
 Acq: 20 Dec 2024 10:29

Tgt Ion: 173 Resp: 30002

Ion	Ratio	Lower	Upper
173	100		
175	49.3	39.4	59.2
254	9.0	7.2	10.8





#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN085273.D

Acq: 20 Dec 2024 10:29

Instrument :

MSVOA_N

ClientSampleId :

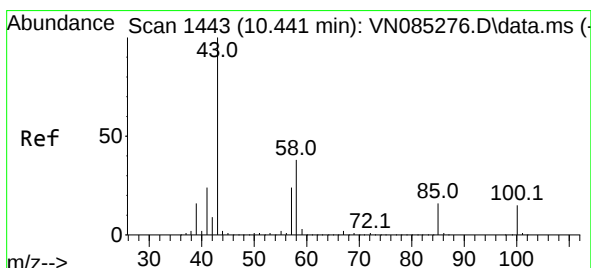
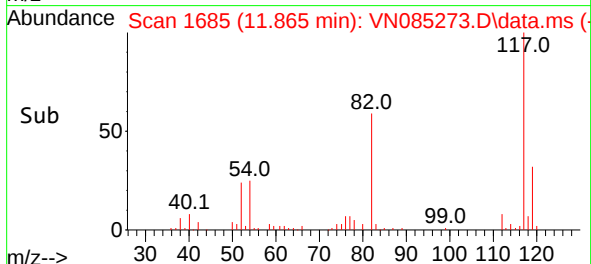
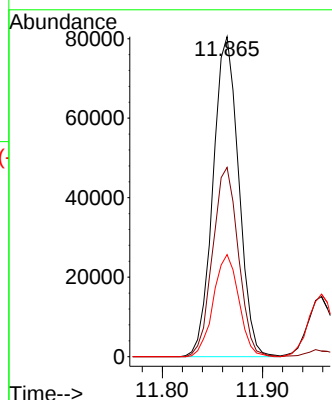
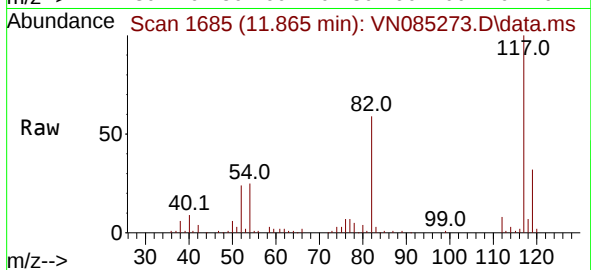
Tgt Ion:117 Resp: 143051

Ion Ratio Lower Upper

117 100

82 59.2 47.4 71.0

119 31.6 25.3 37.9



#58

4-Methyl-2-Pentanone

Concen: 104.675 ug/l

RT: 10.441 min Scan# 1443

Delta R.T. 0.000 min

Lab File: VN085273.D

Acq: 20 Dec 2024 10:29

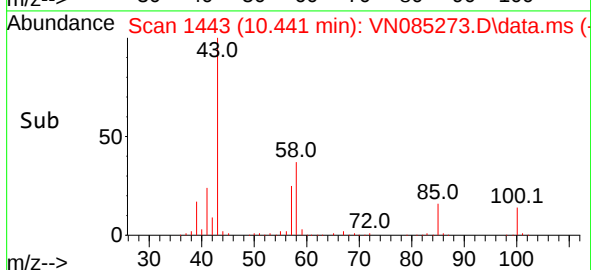
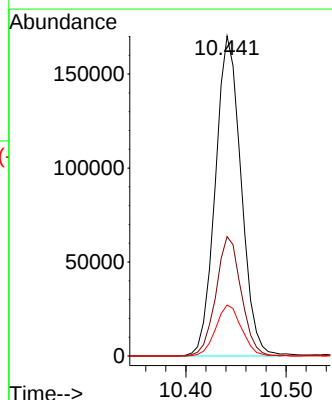
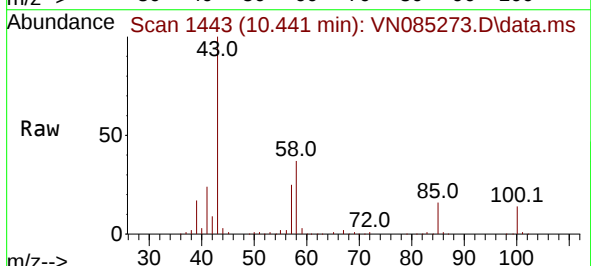
Tgt Ion: 43 Resp: 303556

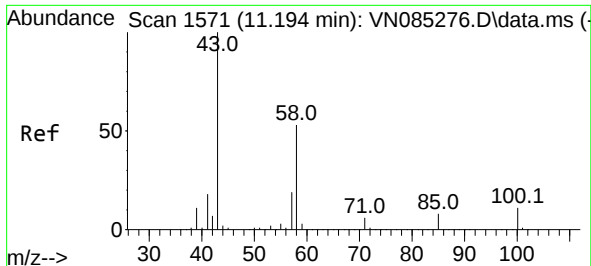
Ion Ratio Lower Upper

43 100

58 36.5 29.2 43.8

85 16.0 12.8 19.2

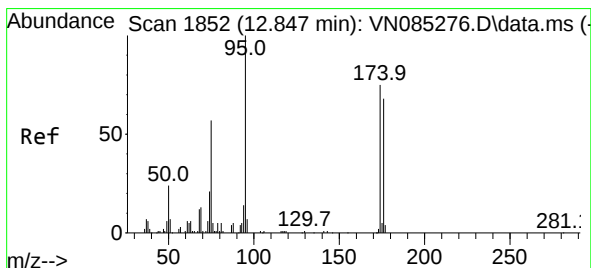
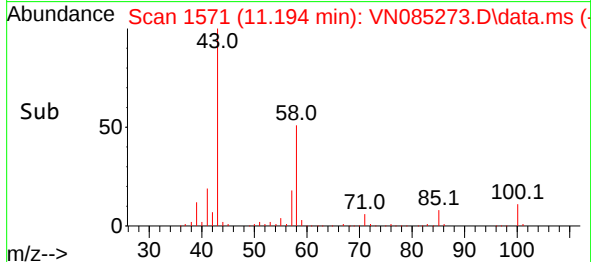
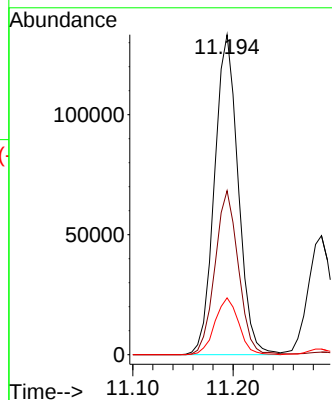
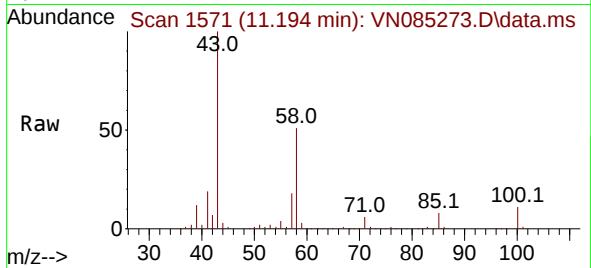




#59
2-Hexanone
Concen: 103.973 ug/l
RT: 11.194 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN085273.D
Acq: 20 Dec 2024 10:29

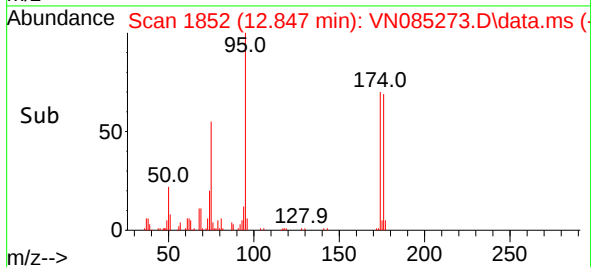
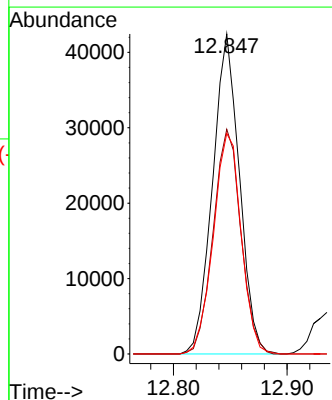
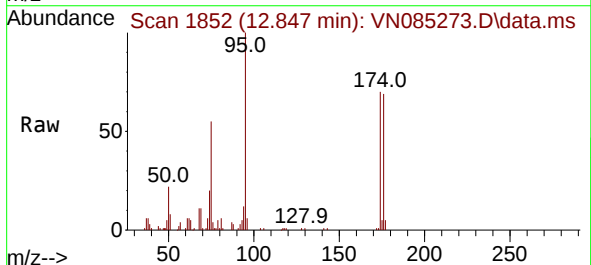
Instrument :
MSVOA_N
ClientSampleId :

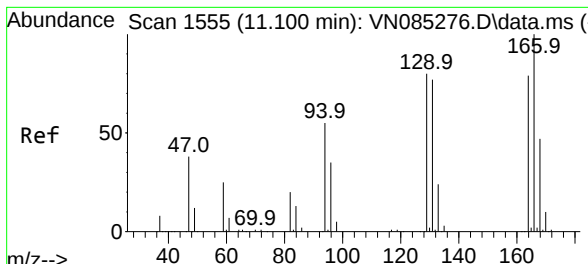
Tgt Ion: 43 Resp: 219043
Ion Ratio Lower Upper
43 100
58 50.3 40.2 60.4
57 17.8 14.2 21.4



#60
4-Bromofluorobenzene
Concen: 30.099 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN085273.D
Acq: 20 Dec 2024 10:29

Tgt Ion: 95 Resp: 69746
Ion Ratio Lower Upper
95 100
174 72.3 57.8 86.8
176 71.4 57.1 85.7



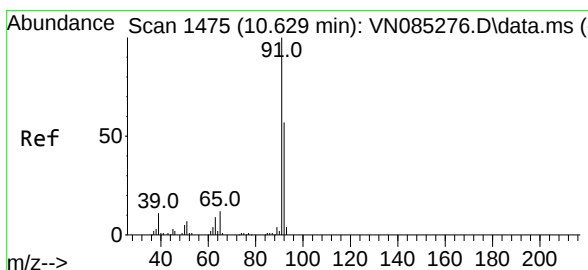
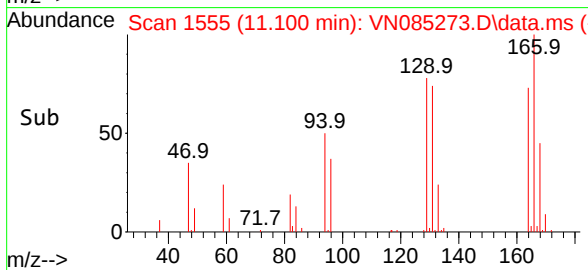
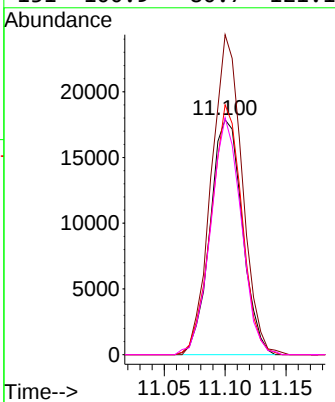
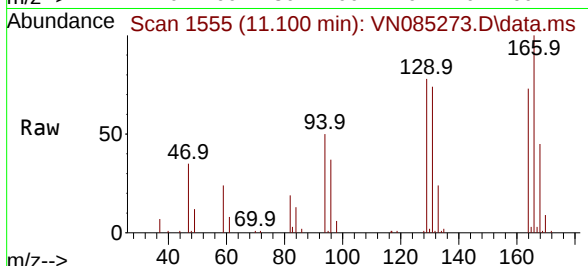


#61
Tetrachloroethene
Concen: 20.563 ug/l
RT: 11.100 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN085273.D
Acq: 20 Dec 2024 10:29

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:164 Resp: 32838

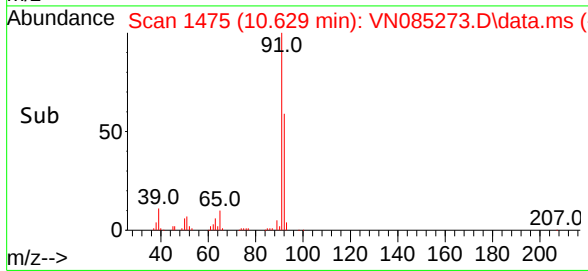
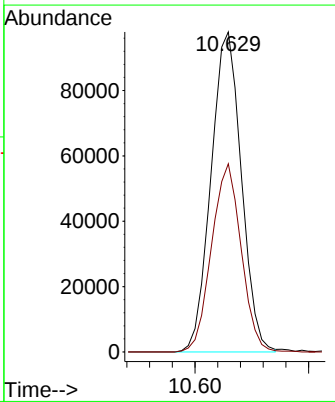
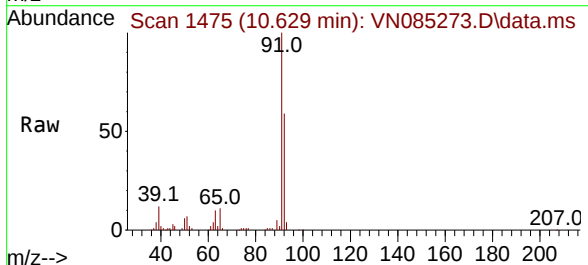
Ion	Ratio	Lower	Upper
164	100		
166	136.2	109.0	163.4
129	106.4	85.1	127.7
131	100.9	80.7	121.1

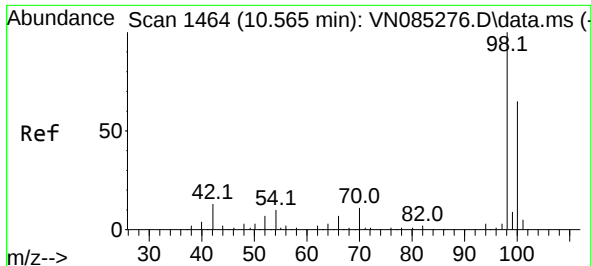


#62
Toluene
Concen: 20.660 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN085273.D
Acq: 20 Dec 2024 10:29

Tgt Ion: 91 Resp: 181570

Ion	Ratio	Lower	Upper
91	100		
92	57.4	45.9	68.9

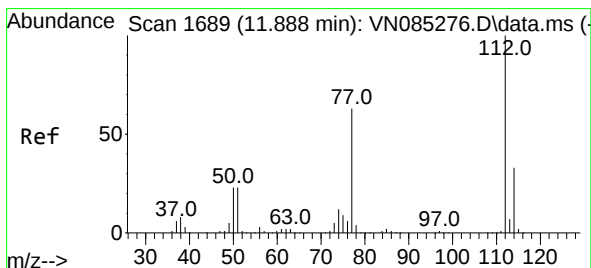
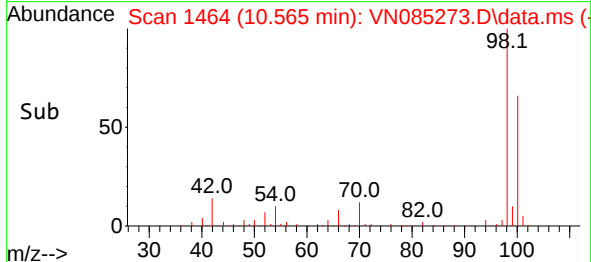
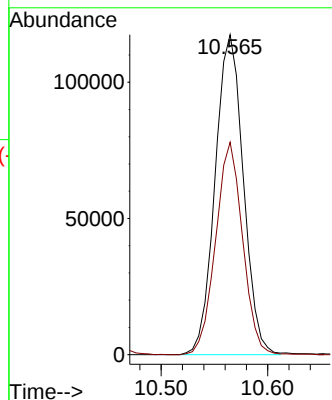
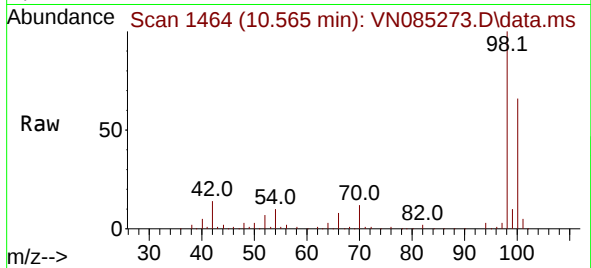




#63
Toluene-d8
Concen: 30.916 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN085273.D
Acq: 20 Dec 2024 10:29

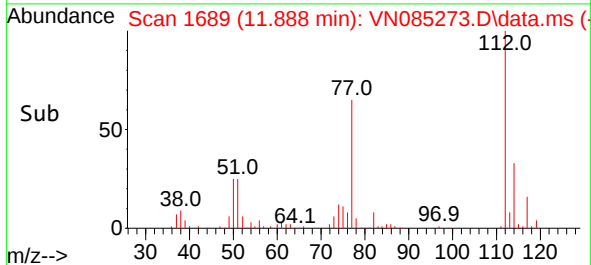
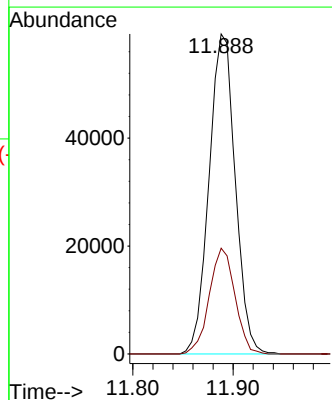
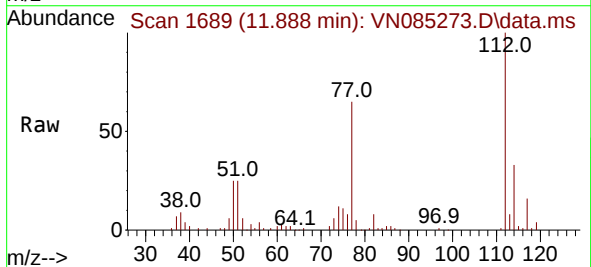
Instrument :
MSVOA_N
ClientSampleId :

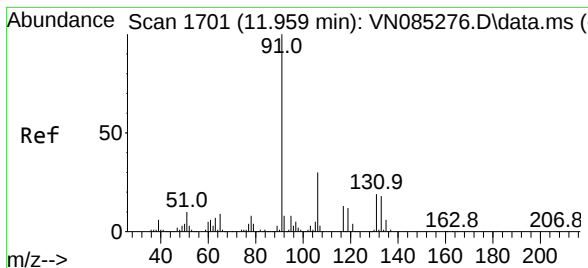
Tgt Ion: 98 Resp: 215956
Ion Ratio Lower Upper
98 100
100 63.5 50.8 76.2



#64
Chlorobenzene
Concen: 20.351 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. 0.000 min
Lab File: VN085273.D
Acq: 20 Dec 2024 10:29

Tgt Ion: 112 Resp: 107869
Ion Ratio Lower Upper
112 100
114 33.0 26.4 39.6

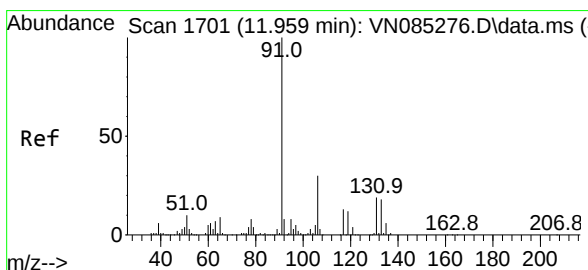
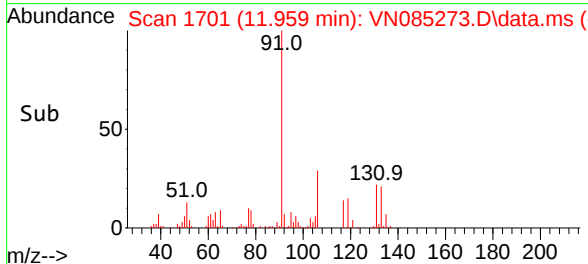
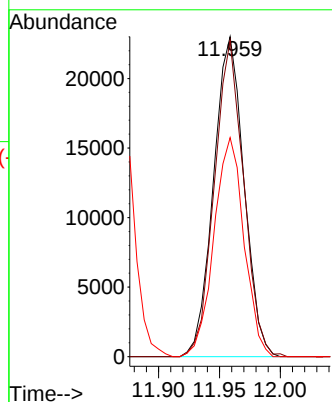
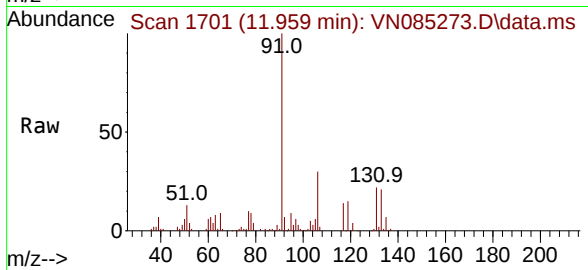




#65
1,1,1,2-Tetrachloroethane
Concen: 20.825 ug/l
RT: 11.959 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN085273.D
Acq: 20 Dec 2024 10:29

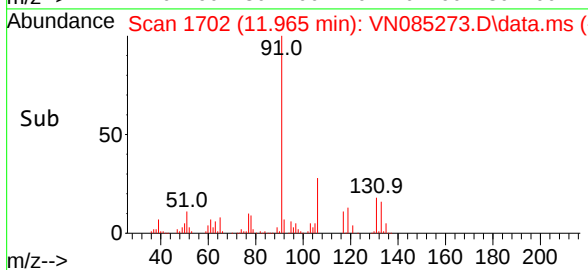
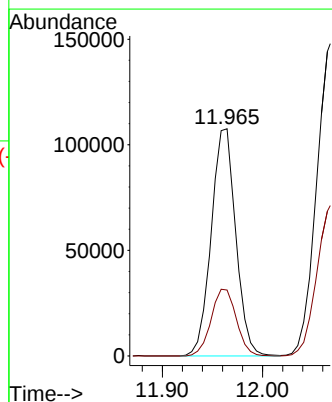
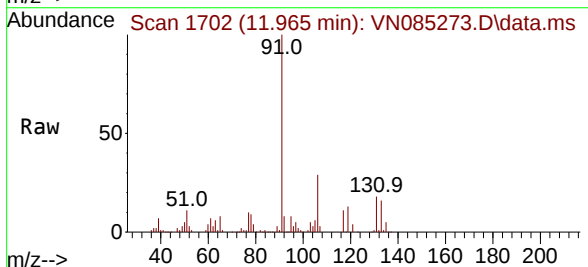
Instrument :
MSVOA_N
ClientSampleId :

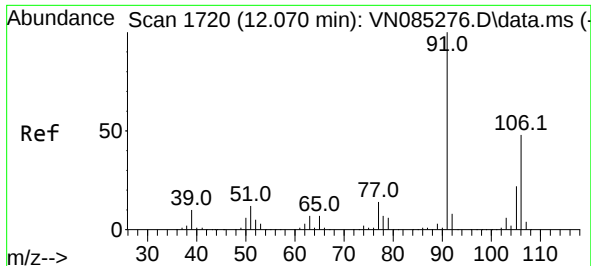
Tgt Ion:131 Resp: 40031
Ion Ratio Lower Upper
131 100
133 94.7 0.0 189.4
119 67.5 0.0 135.0



#66
Ethyl Benzene
Concen: 19.821 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN085273.D
Acq: 20 Dec 2024 10:29

Tgt Ion: 91 Resp: 183288
Ion Ratio Lower Upper
91 100
106 29.0 23.2 34.8





#67

m/p-Xylenes

Concen: 41.324 ug/l

RT: 12.070 min Scan# 1720

Delta R.T. 0.000 min

Lab File: VN085273.D

Acq: 20 Dec 2024 10:29

Instrument :

MSVOA_N

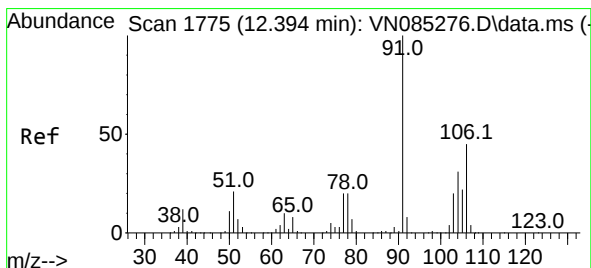
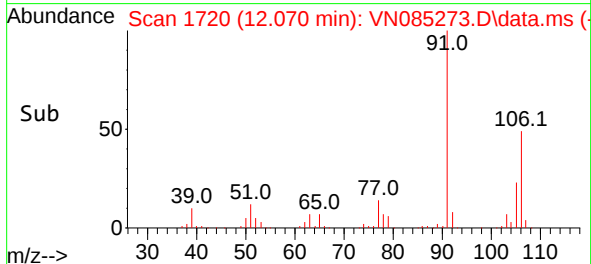
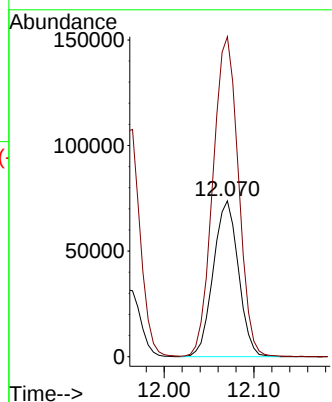
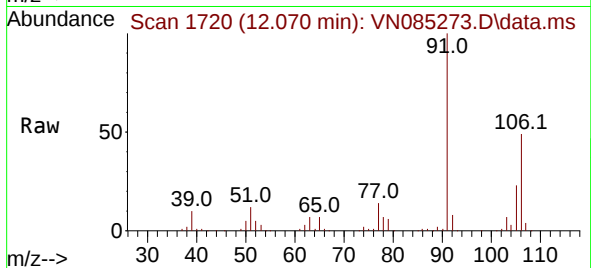
ClientSampleId :

Tgt Ion:106 Resp: 143364

Ion Ratio Lower Upper

106 100

91 208.7 167.0 250.4



#68

o-Xylene

Concen: 20.067 ug/l

RT: 12.394 min Scan# 1775

Delta R.T. 0.000 min

Lab File: VN085273.D

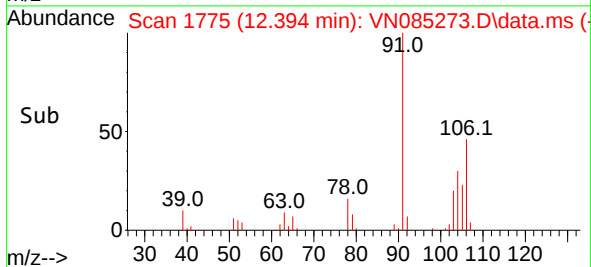
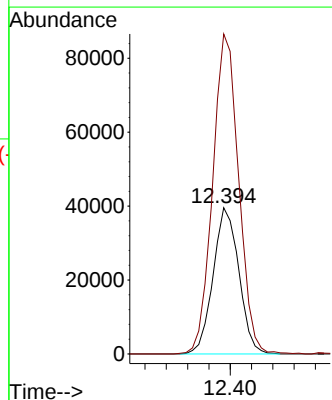
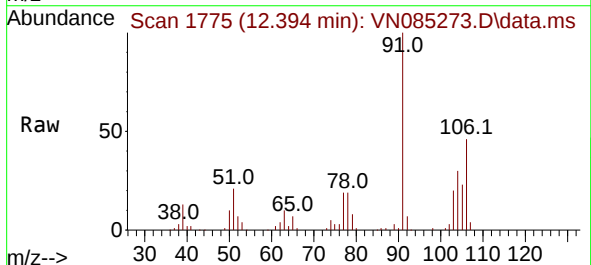
Acq: 20 Dec 2024 10:29

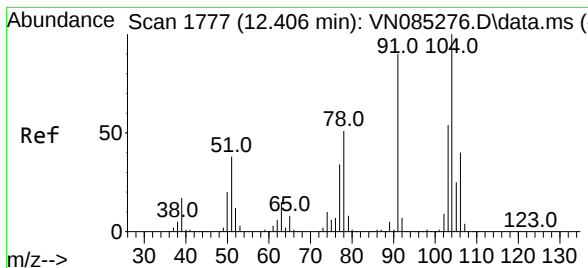
Tgt Ion:106 Resp: 66310

Ion Ratio Lower Upper

106 100

91 221.2 110.6 331.8





#69

Styrene

Concen: 20.377 ug/l

RT: 12.412 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN085273.D

Acq: 20 Dec 2024 10:29

Instrument :

MSVOA_N

ClientSampleId :

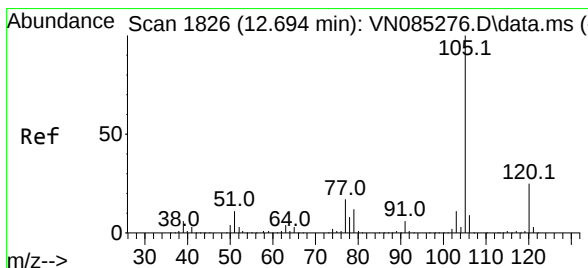
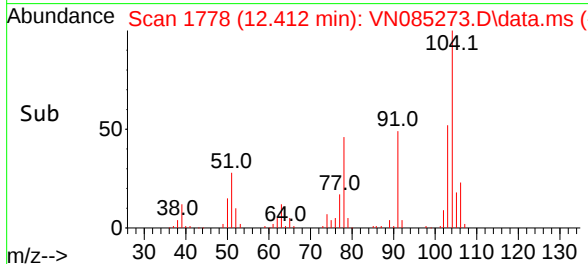
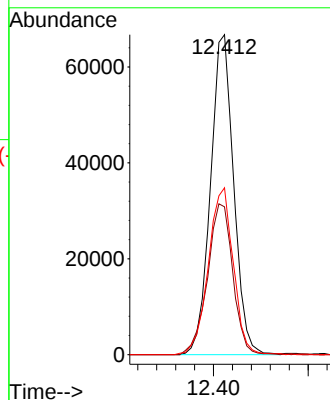
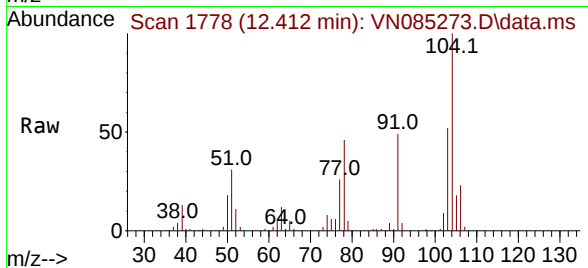
Tgt Ion:104 Resp: 113798

Ion Ratio Lower Upper

104 100

78 51.2 41.0 61.4

103 56.0 44.8 67.2



#70

Isopropylbenzene

Concen: 19.892 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. 0.000 min

Lab File: VN085273.D

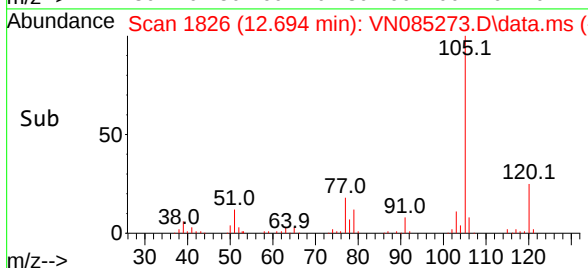
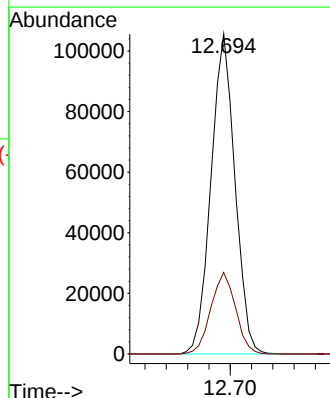
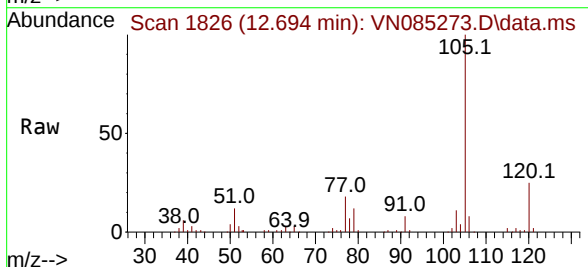
Acq: 20 Dec 2024 10:29

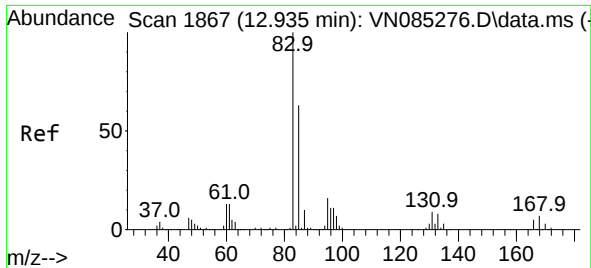
Tgt Ion:105 Resp: 165058

Ion Ratio Lower Upper

105 100

120 26.3 18.4 34.2

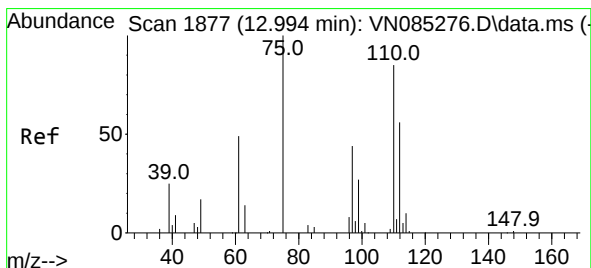
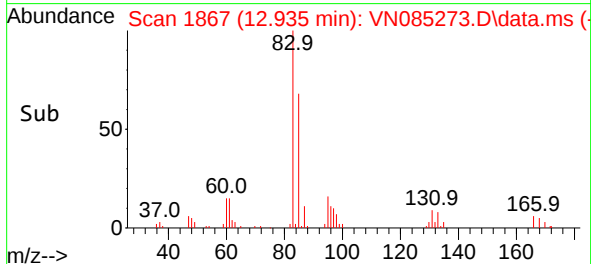
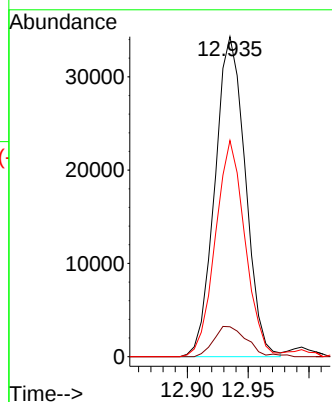
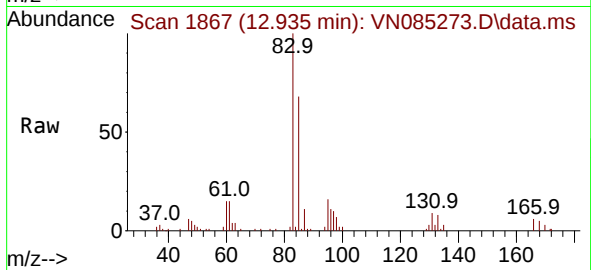




#71
 1,1,2,2-Tetrachloroethane
 Concen: 20.277 ug/l
 RT: 12.935 min Scan# 1867
 Delta R.T. 0.000 min
 Lab File: VN085273.D
 Acq: 20 Dec 2024 10:29

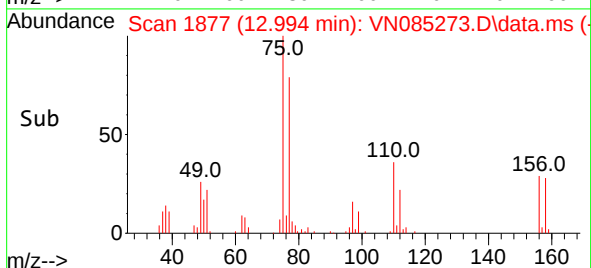
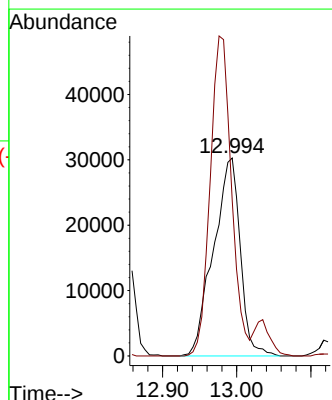
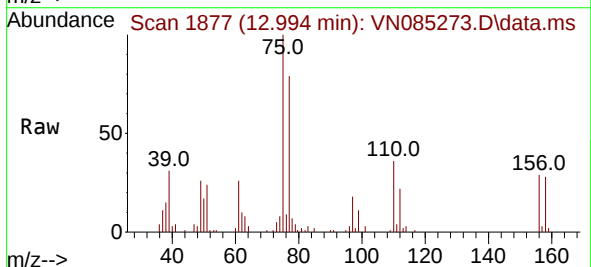
Instrument :
 MSVOA_N
 ClientSampleId :

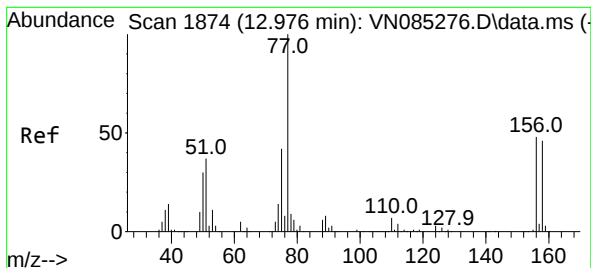
Tgt Ion: 83 Resp: 59675
 Ion Ratio Lower Upper
 83 100
 131 10.0 5.0 15.0
 85 65.9 33.0 98.9



#72
 1,2,3-Trichloropropane
 Concen: 28.824 ug/l
 RT: 12.994 min Scan# 1877
 Delta R.T. 0.000 min
 Lab File: VN085273.D
 Acq: 20 Dec 2024 10:29

Tgt Ion: 75 Resp: 76017
 Ion Ratio Lower Upper
 75 100
 77 128.9 0.0 319.6





#73

Bromobenzene

Concen: 20.662 ug/l

RT: 12.976 min Scan# 1874

Delta R.T. 0.000 min

Lab File: VN085273.D

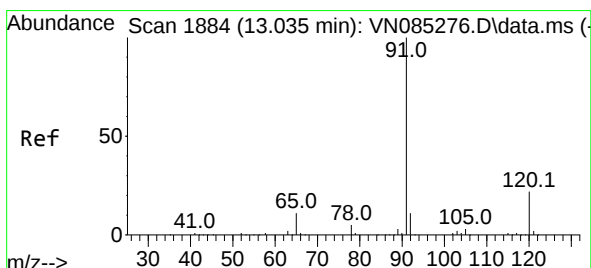
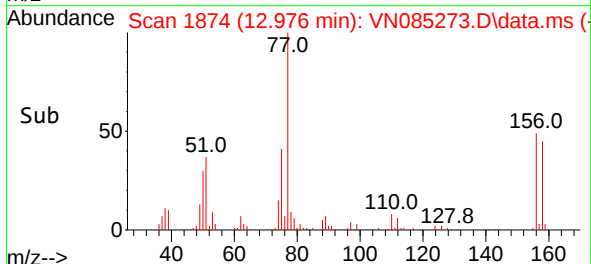
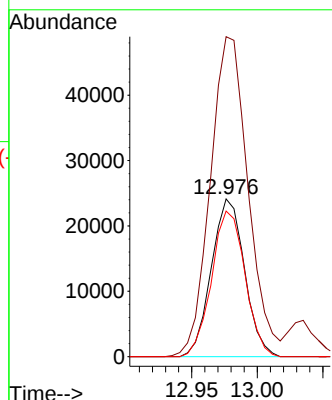
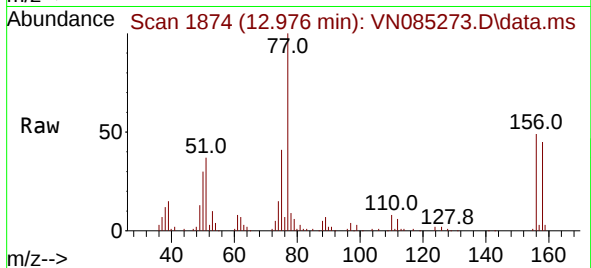
Acq: 20 Dec 2024 10:29

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:156	Resp:	42355	
Ion	Ratio	Lower	Upper
156	100		
77	231.3	0.0	462.6
158	93.2	0.0	186.4



#74

n-propylbenzene

Concen: 20.092 ug/l

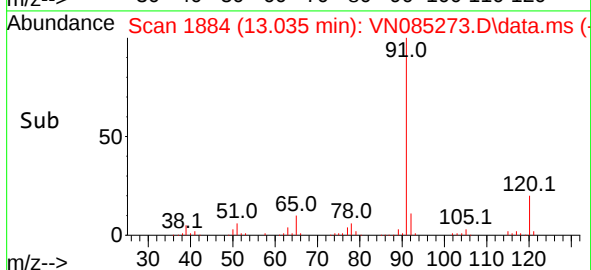
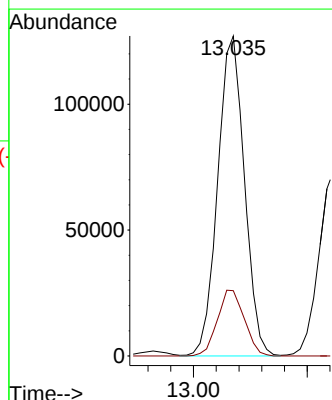
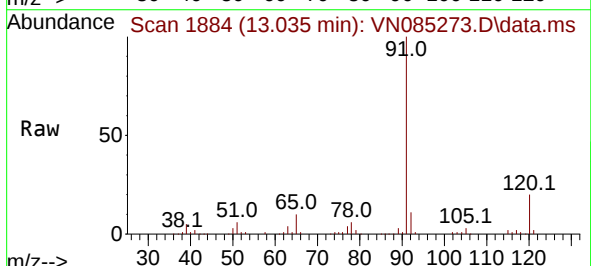
RT: 13.035 min Scan# 1884

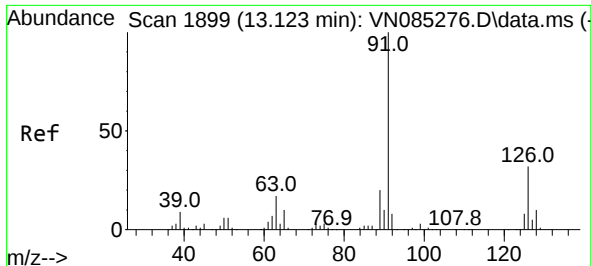
Delta R.T. 0.000 min

Lab File: VN085273.D

Acq: 20 Dec 2024 10:29

Tgt Ion: 91	Resp:	207704	
Ion	Ratio	Lower	Upper
91	100		
120	20.7	0.0	41.4

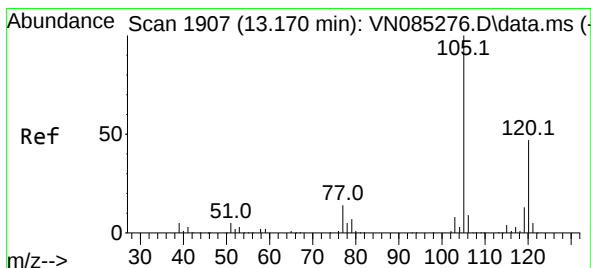
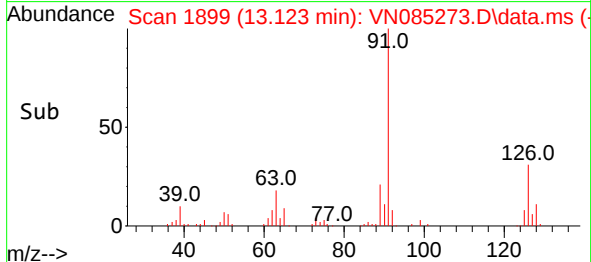
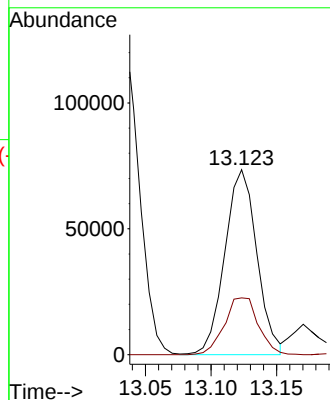
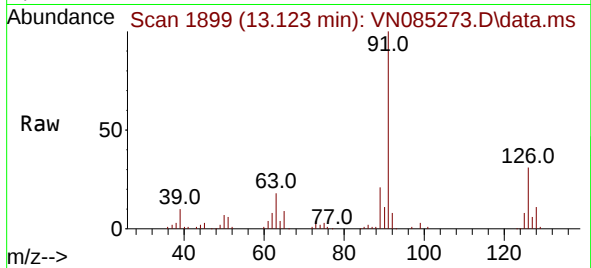




#75
2-Chlorotoluene
Concen: 20.131 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VN085273.D
Acq: 20 Dec 2024 10:29

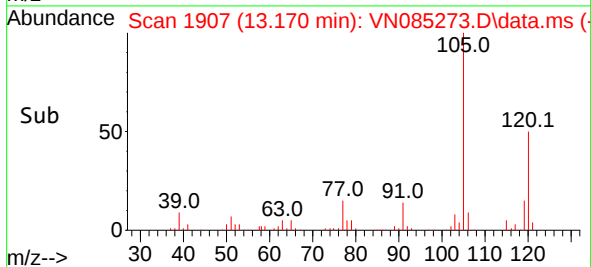
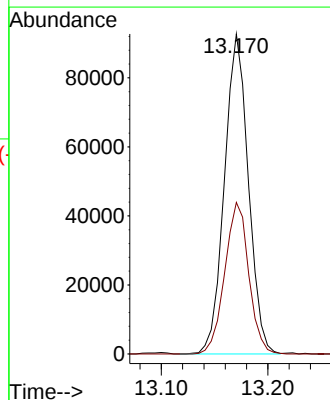
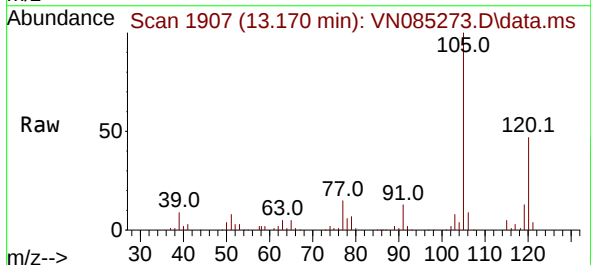
Instrument :
MSVOA_N
ClientSampleId :

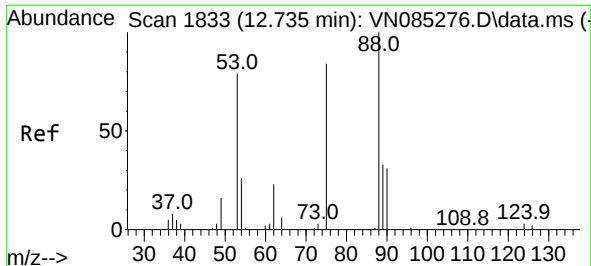
Tgt Ion: 91 Resp: 125363
Ion Ratio Lower Upper
91 100
126 32.5 0.0 65.0



#76
1,3,5-Trimethylbenzene
Concen: 20.407 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VN085273.D
Acq: 20 Dec 2024 10:29

Tgt Ion:105 Resp: 144488
Ion Ratio Lower Upper
105 100
120 47.5 0.0 95.0

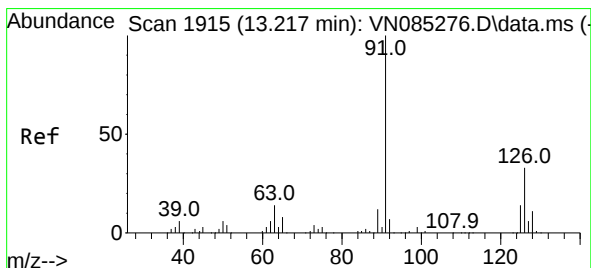
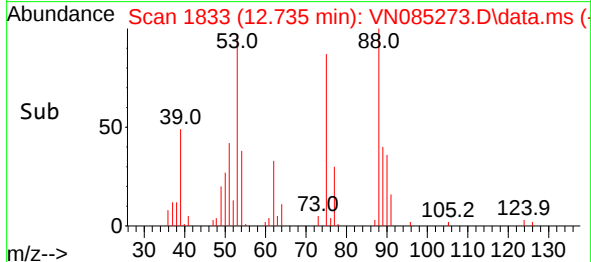
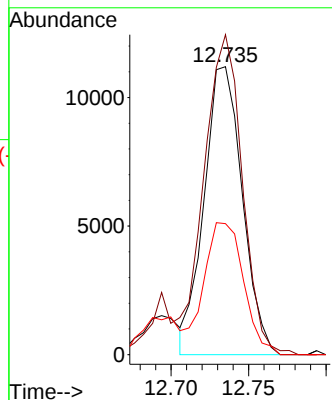
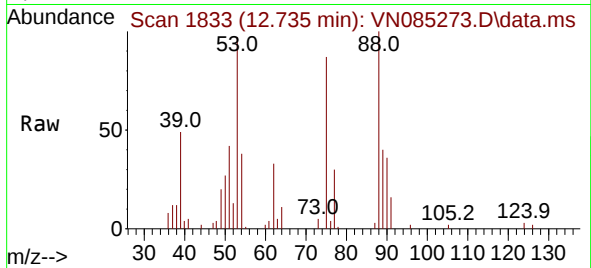




#77
t-1,4-Dichloro-2-butene
Concen: 18.768 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN085273.D
Acq: 20 Dec 2024 10:29

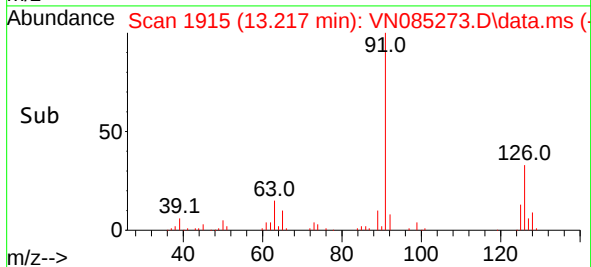
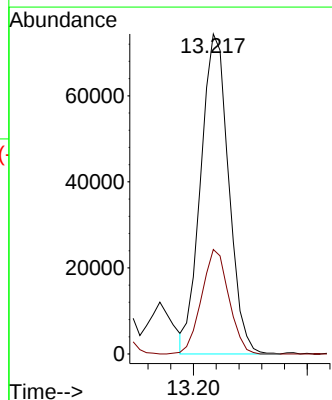
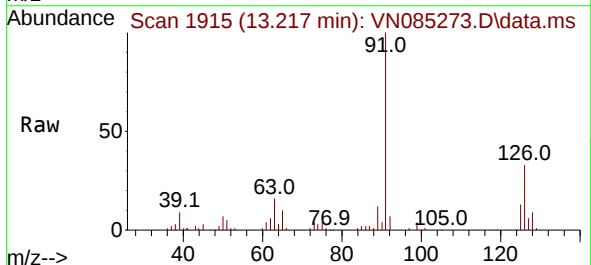
Instrument :
MSVOA_N
ClientSampleId :

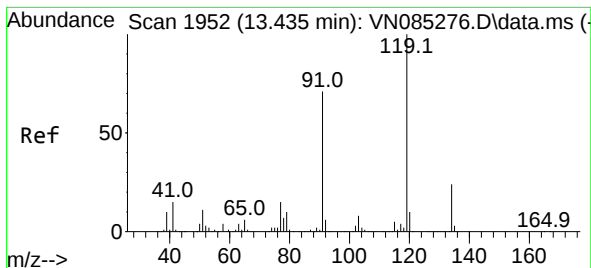
Tgt Ion: 75 Resp: 19212
Ion Ratio Lower Upper
75 100
53 109.7 54.9 164.5
89 45.5 22.8 68.3



#78
4-Chlorotoluene
Concen: 20.036 ug/l
RT: 13.217 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VN085273.D
Acq: 20 Dec 2024 10:29

Tgt Ion: 91 Resp: 126859
Ion Ratio Lower Upper
91 100
126 31.8 0.0 63.6

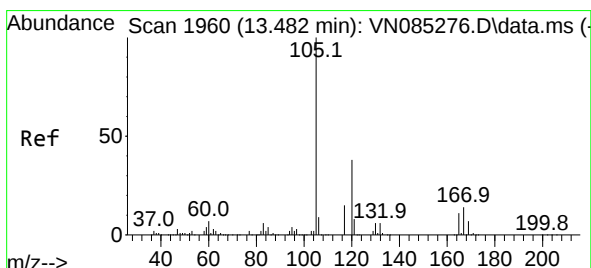
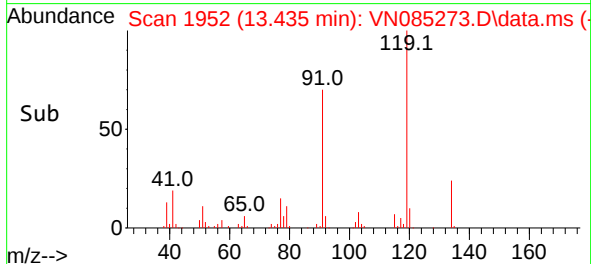
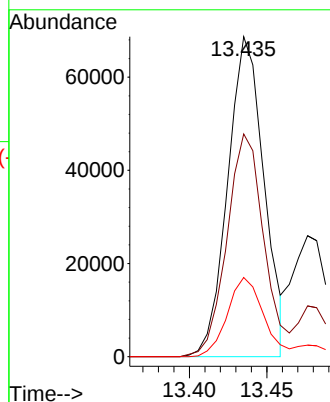
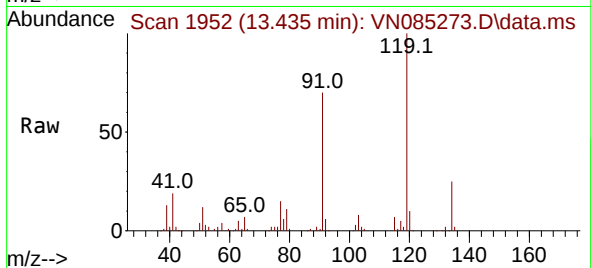




#79
tert-butylbenzene
Concen: 19.329 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. 0.000 min
Lab File: VN085273.D
Acq: 20 Dec 2024 10:29

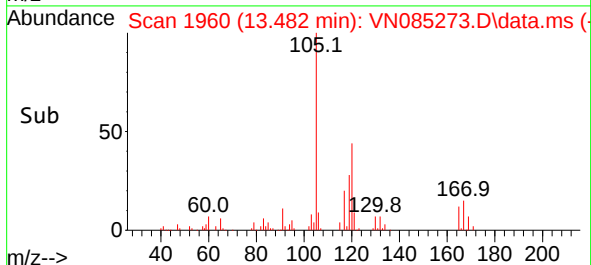
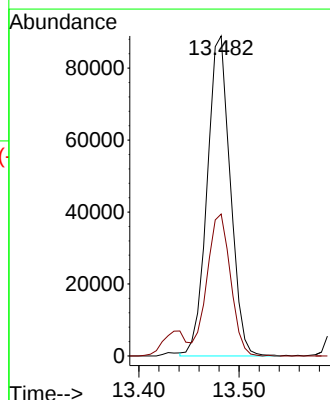
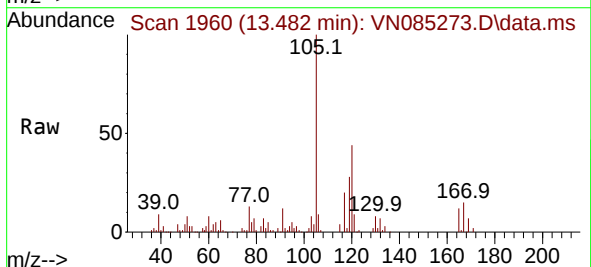
Instrument :
MSVOA_N
ClientSampleId :

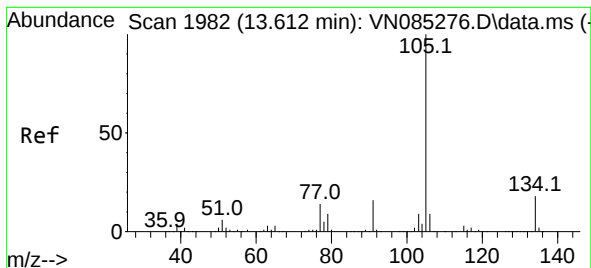
Tgt Ion:119 Resp: 111921
Ion Ratio Lower Upper
119 100
91 71.0 0.0 142.0
134 24.5 0.0 49.0



#80
1,2,4-Trimethylbenzene
Concen: 20.230 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN085273.D
Acq: 20 Dec 2024 10:29

Tgt Ion:105 Resp: 142514
Ion Ratio Lower Upper
105 100
120 44.9 0.0 89.8





#81

sec-Butylbenzene

Concen: 19.545 ug/l

RT: 13.611 min Scan# 1982

Delta R.T. 0.000 min

Lab File: VN085273.D

Acq: 20 Dec 2024 10:29

Instrument :

MSVOA_N

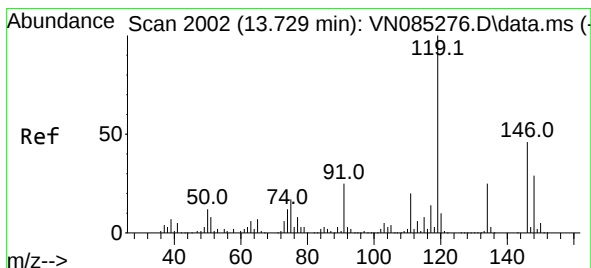
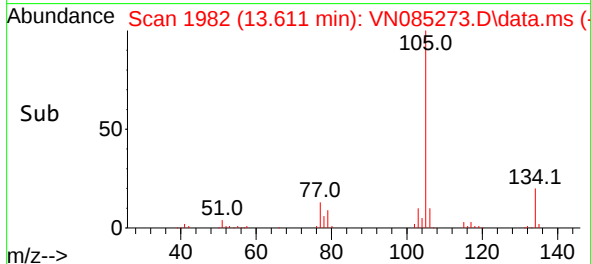
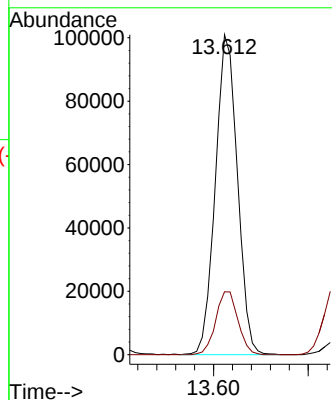
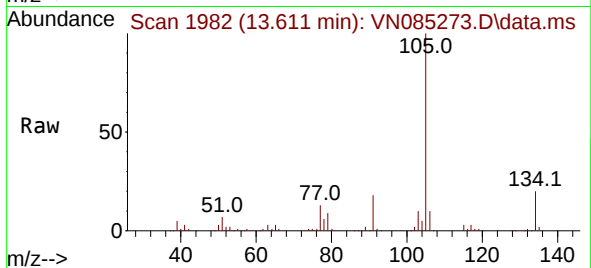
ClientSampleId :

Tgt Ion:105 Resp: 163388

Ion Ratio Lower Upper

105 100

134 19.9 0.0 39.8



#82

p-Isopropyltoluene

Concen: 19.064 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. 0.000 min

Lab File: VN085273.D

Acq: 20 Dec 2024 10:29

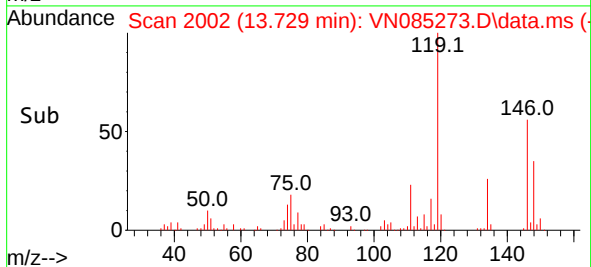
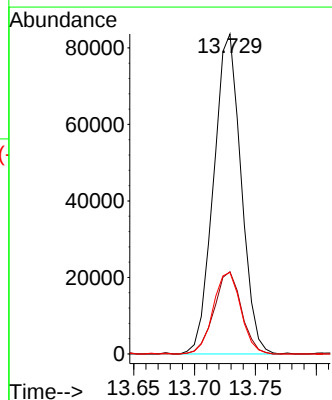
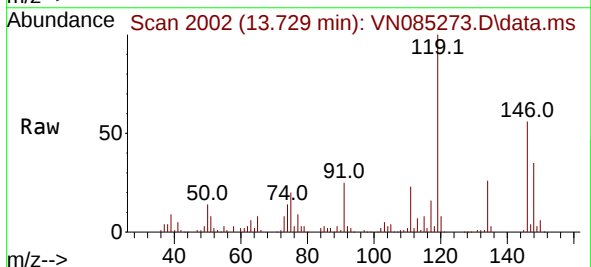
Tgt Ion:119 Resp: 131247

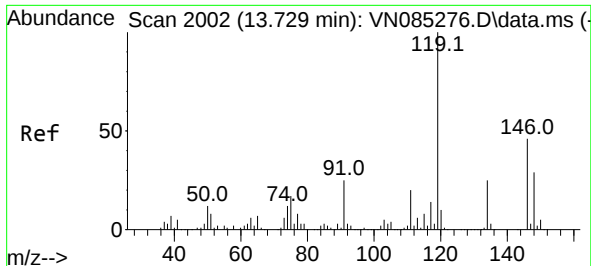
Ion Ratio Lower Upper

119 100

134 25.7 0.0 51.4

91 25.7 0.0 51.4

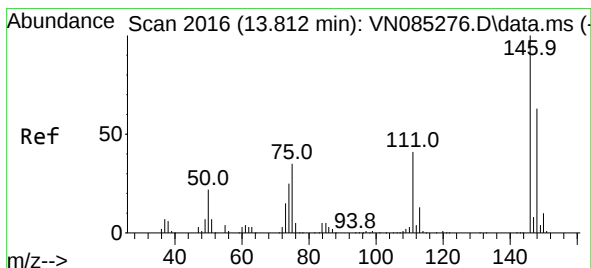
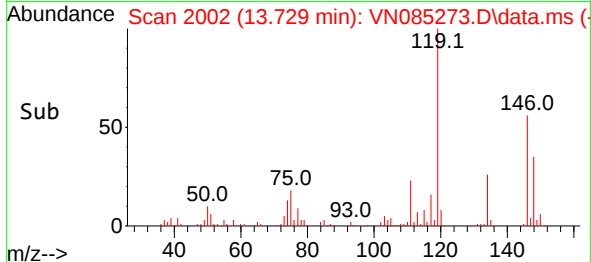
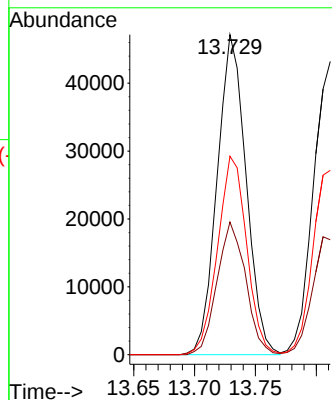
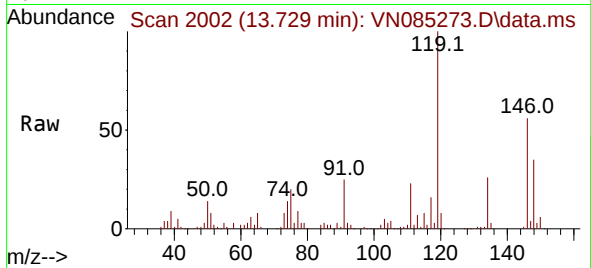




#83
 1,3-Dichlorobenzene
 Concen: 20.415 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN085273.D
 Acq: 20 Dec 2024 10:29

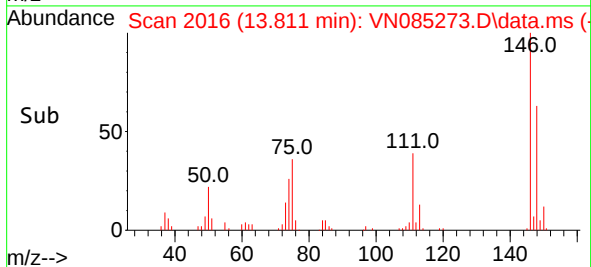
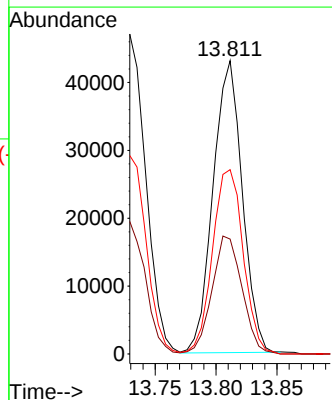
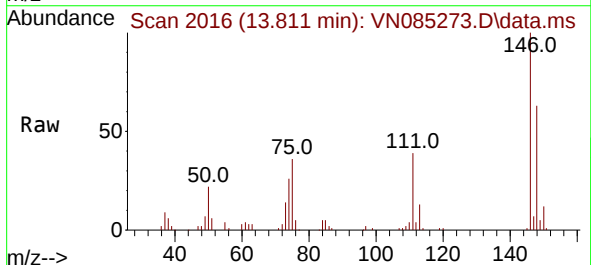
Instrument :
 MSVOA_N
 ClientSampleId :

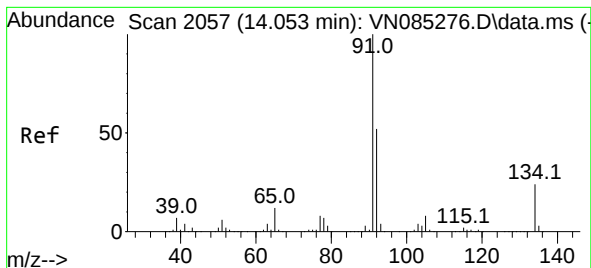
Tgt Ion:146 Resp: 78045
 Ion Ratio Lower Upper
 146 100
 111 40.9 20.4 61.3
 148 62.3 31.1 93.5



#84
 1,4-Dichlorobenzene
 Concen: 19.448 ug/l
 RT: 13.811 min Scan# 2016
 Delta R.T. 0.000 min
 Lab File: VN085273.D
 Acq: 20 Dec 2024 10:29

Tgt Ion:146 Resp: 71930
 Ion Ratio Lower Upper
 146 100
 111 41.4 20.7 62.1
 148 66.4 33.2 99.6





#85

n-Butylbenzene

Concen: 18.428 ug/l

RT: 14.053 min Scan# 2057

Delta R.T. 0.000 min

Lab File: VN085273.D

Acq: 20 Dec 2024 10:29

Instrument :

MSVOA_N

ClientSampleId :

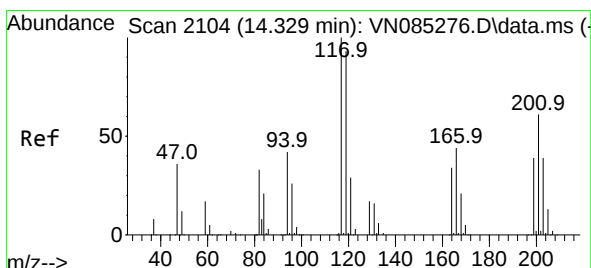
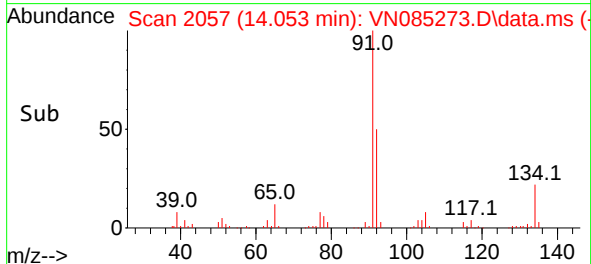
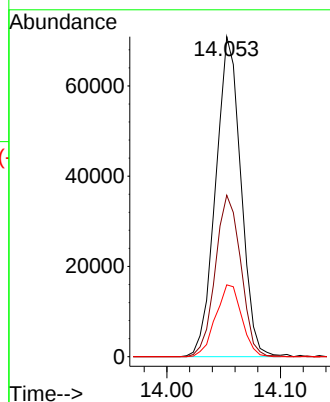
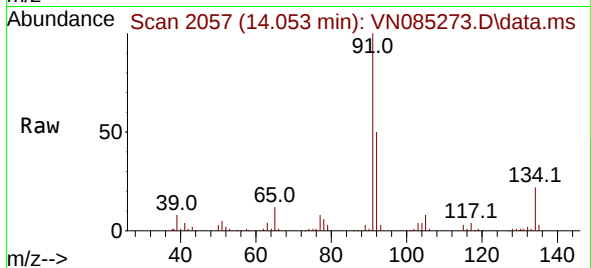
Tgt Ion: 91 Resp: 109530

Ion Ratio Lower Upper

91 100

92 51.0 0.0 102.0

134 23.2 0.0 46.4



#86

Hexachloroethane

Concen: 20.490 ug/l

RT: 14.329 min Scan# 2104

Delta R.T. 0.000 min

Lab File: VN085273.D

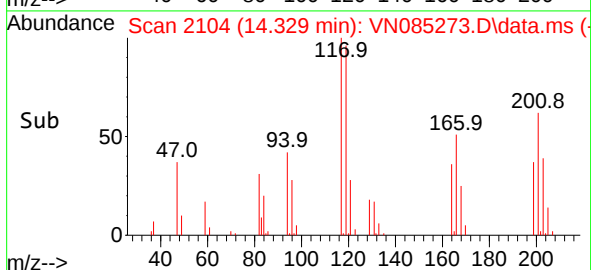
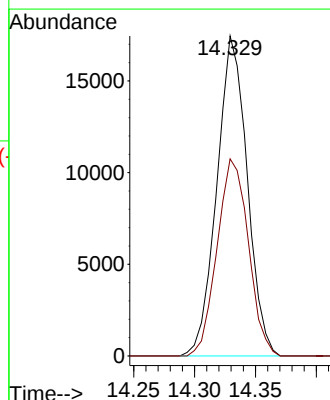
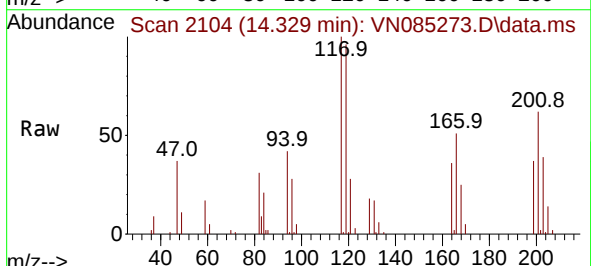
Acq: 20 Dec 2024 10:29

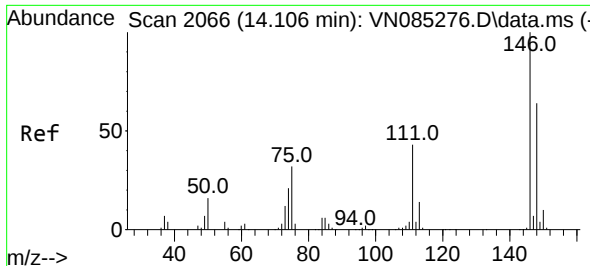
Tgt Ion: 117 Resp: 30284

Ion Ratio Lower Upper

117 100

201 63.5 31.8 95.3





#87

1,2-Dichlorobenzene

Concen: 20.167 ug/l

RT: 14.106 min Scan# 2066

Delta R.T. 0.000 min

Lab File: VN085273.D

Acq: 20 Dec 2024 10:29

Instrument :

MSVOA_N

ClientSampleId :

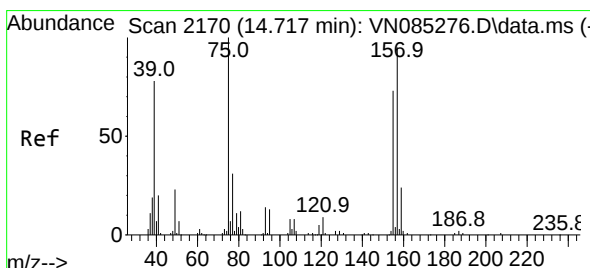
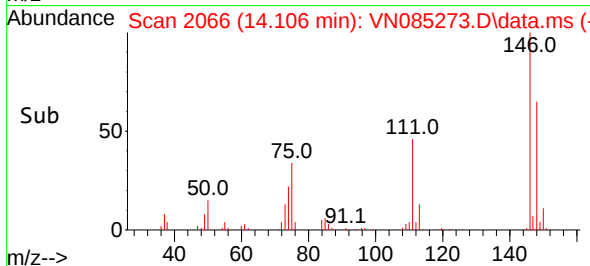
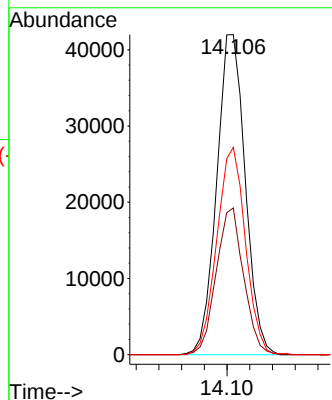
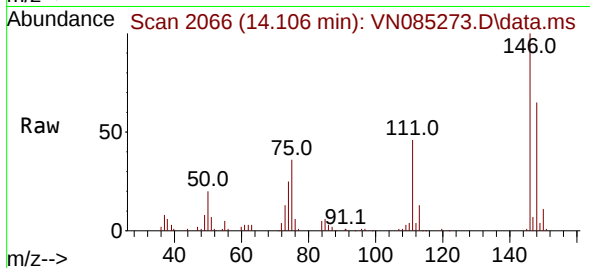
Tgt Ion:146 Resp: 73249

Ion Ratio Lower Upper

146 100

111 44.2 22.1 66.3

148 64.9 32.5 97.4



#88

1,2-Dibromo-3-Chloropropane

Concen: 19.898 ug/l

RT: 14.717 min Scan# 2170

Delta R.T. 0.000 min

Lab File: VN085273.D

Acq: 20 Dec 2024 10:29

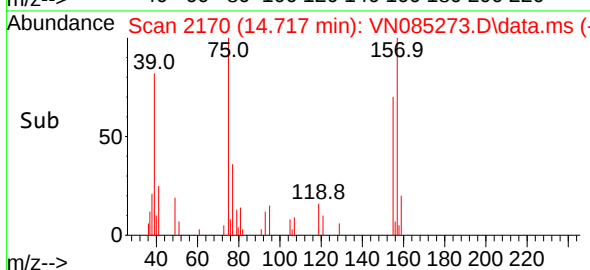
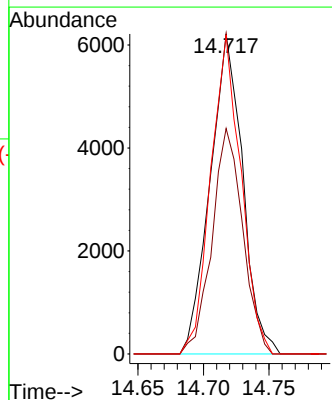
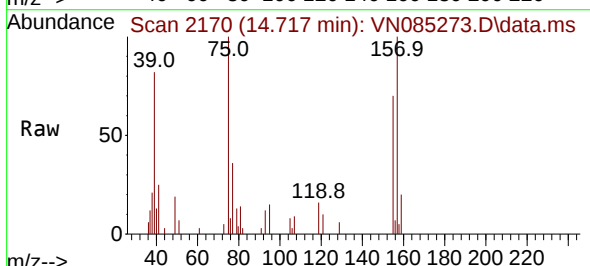
Tgt Ion: 75 Resp: 10690

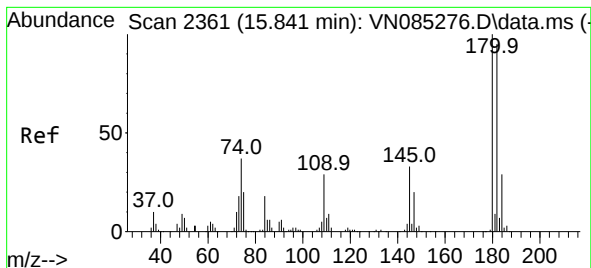
Ion Ratio Lower Upper

75 100

155 66.7 53.4 80.0

157 92.8 74.2 111.4





#89

1,2,4-Trichlorobenzene

Concen: 19.089 ug/l

RT: 15.835 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN085273.D

Acq: 20 Dec 2024 10:29

Instrument :

MSVOA_N

ClientSampleId :

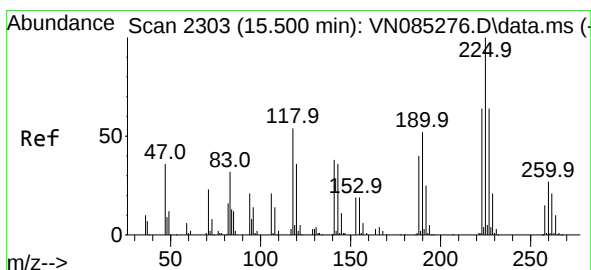
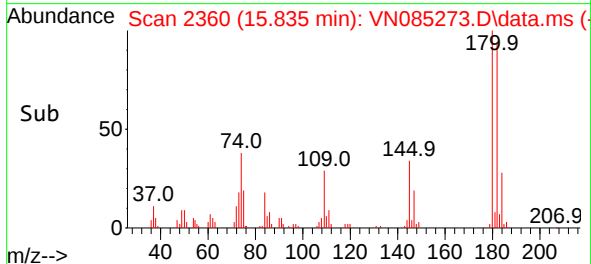
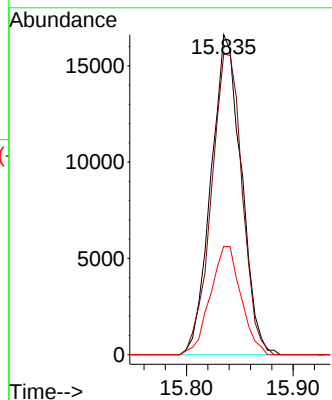
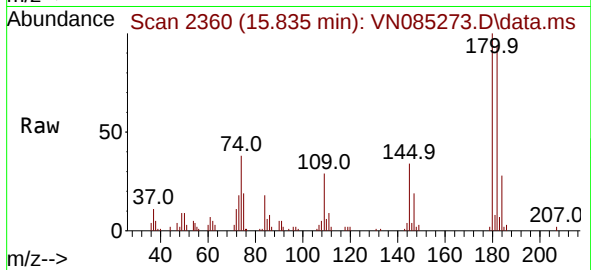
Tgt Ion:180 Resp: 32846

Ion Ratio Lower Upper

180 100

182 95.6 76.5 114.7

145 34.3 27.4 41.2



#90

Hexachlorobutadiene

Concen: 19.853 ug/l

RT: 15.500 min Scan# 2303

Delta R.T. 0.000 min

Lab File: VN085273.D

Acq: 20 Dec 2024 10:29

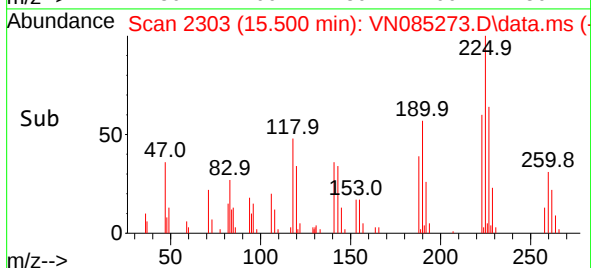
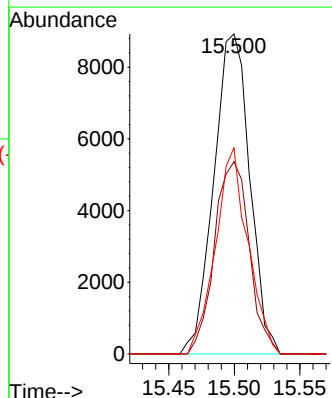
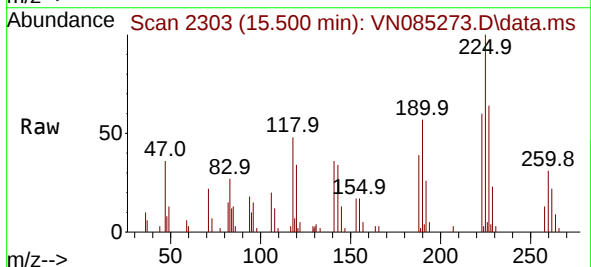
Tgt Ion:225 Resp: 17028

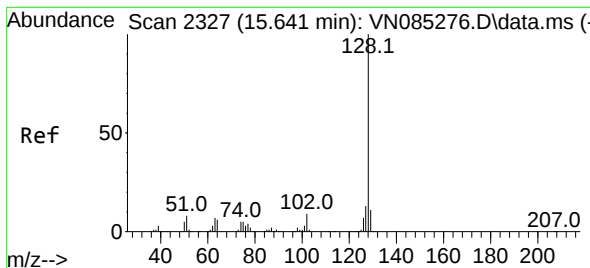
Ion Ratio Lower Upper

225 100

223 58.1 0.0 116.2

227 58.2 0.0 116.4





#91

Naphthalene

Concen: 18.015 ug/l

RT: 15.641 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN085273.D

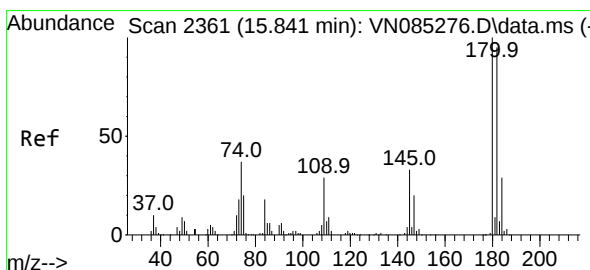
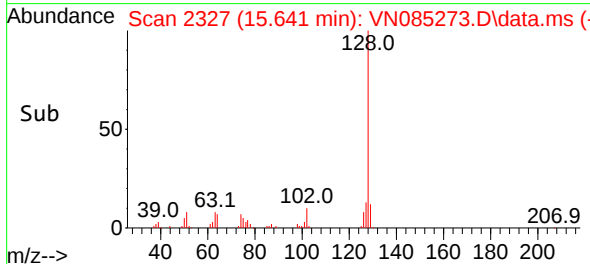
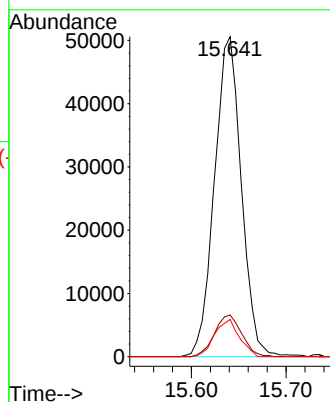
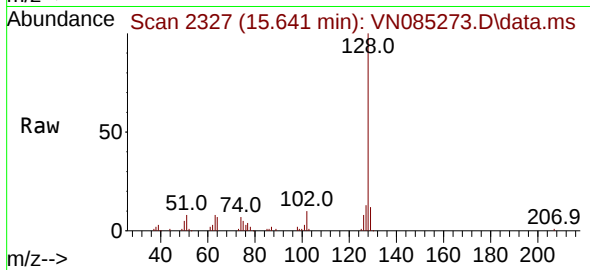
Acq: 20 Dec 2024 10:29

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:128	Resp:	99596
Ion Ratio	Lower	Upper
128	100	
127	13.3	10.6 16.0
129	10.8	8.6 13.0



#92

1,2,3-Trichlorobenzene

Concen: 19.089 ug/l

RT: 15.835 min Scan# 2360

Delta R.T. 0.000 min

Lab File: VN085273.D

Acq: 20 Dec 2024 10:29

Tgt Ion:180	Resp:	32846
Ion Ratio	Lower	Upper
180	100	
182	95.6	0.0 191.2
145	34.3	0.0 68.6

