

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010725\
 Data File : VN085391.D
 Acq On : 07 Jan 2025 11:07
 Operator : JC\MD
 Sample : VN0107WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jan 08 04:15:24 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N122024W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Dec 21 02:03:07 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.806	128	29795	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.094	114	157585	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.859	117	144288	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.577	65	76495	29.185	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	97.267%
60) 4-Bromofluorobenzene	12.847	95	69102	29.566	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	98.567%
63) Toluene-d8	10.559	98	216343	30.706	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	102.367%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	45244	18.161	ug/l	98
3) Chloromethane	2.359	50	43534	17.307	ug/l	99
4) Vinyl Chloride	2.518	62	44088	17.262	ug/l	99
5) Bromomethane	2.965	94	27827	18.638	ug/l	96
6) Chloroethane	3.130	64	29507	18.301	ug/l	91
7) Trichlorofluoromethane	3.506	101	64906	18.498	ug/l	99
8) Diethyl Ether	3.959	74	20112	16.643	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.371	101	38875	19.294	ug/l	96
10) 1,1-Dichloroethene	4.348	96	31913	17.338	ug/l	90
11) Methyl Iodide	4.595	142	38226	17.328	ug/l	91
12) Methyl Acetate	5.018	43	45806	16.664	ug/l	97
13) Acrolein	4.177	56	16364	66.685	ug/l	99
14) Acrylonitrile	5.712	53	79287	74.577	ug/l	98
15) Acetone	4.418	58	20921	78.009	ug/l	87
16) Carbon Disulfide	4.712	76	94969	16.974	ug/l	98
17) Allyl chloride	5.024	41	49889	16.755	ug/l	96
18) Methylene Chloride	5.271	84	38969	17.767	ug/l	99
19) trans-1,2-Dichloroethene	5.783	96	34831	18.194	ug/l	98
20) Diisopropyl ether	6.659	45	124483	18.242	ug/l	95
21) 1,1-Dichloroethane	6.565	63	74257	18.614	ug/l	96
22) cis-1,2-Dichloroethene	7.483	96	41242	18.091	ug/l	96
23) tert-Butyl Alcohol	5.506	59	19348	55.220	ug/l #	100
24) Methyl tert-Butyl Ether	5.789	73	101495	16.800	ug/l #	77
25) Chloroform	7.959	83	74666	18.464	ug/l	97
26) Cyclohexane	8.253	56	52189	17.158	ug/l #	99
29) 1,1-Dichloropropene	8.365	75	49602	18.129	ug/l	99
30) 2-Butanone	7.471	43	99126	68.636	ug/l	99
31) 2,2-Dichloropropane	7.483	77	64553	18.620	ug/l	99
32) 1,1,1-Trichloroethane	8.159	97	63889	17.963	ug/l	99
33) Carbon Tetrachloride	8.353	117	55829	17.931	ug/l	98
34) Benzene	8.600	78	158176	18.289	ug/l	99
35) Methacrylonitrile	7.771	41	24903	15.577	ug/l	99
36) 1,2-Dichloroethane	8.665	62	56130	17.948	ug/l	100
37) Trichloroethene	9.347	130	33759	17.741	ug/l	89
38) Methylcyclohexane	9.600	83	49652	17.537	ug/l	96
39) 1,2-Dichloropropane	9.612	63	39935	18.149	ug/l	99
40) Dibromomethane	9.706	93	27191	17.724	ug/l	98
41) Bromodichloromethane	9.882	83	57736	18.008	ug/l #	97
42) Vinyl Acetate	6.600	43	397042	77.883	ug/l	100

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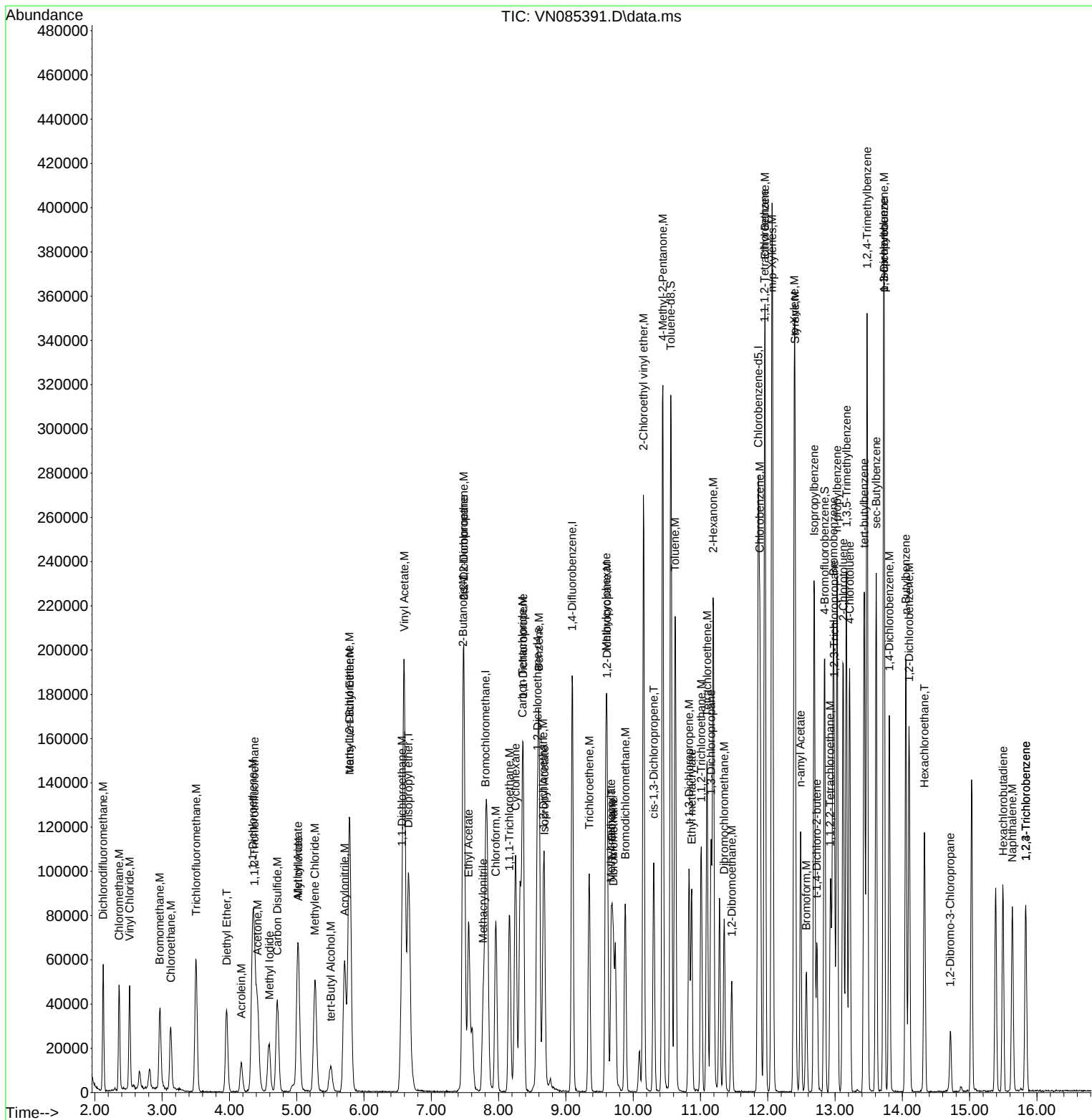
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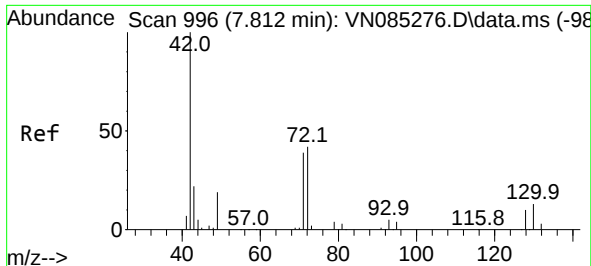
Quant Time: Jan 08 04:15:24 2025
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.553	43	40266	13.482	ug/l	99
44) Isopropyl Acetate	8.683	43	79009	15.924	ug/l	99
45) 1,4-Dioxane	9.682	88	9084	235.395	ug/l	94
46) Methyl methacrylate	9.671	41	33219	14.424	ug/l	98
47) n-amyl Acetate	12.488	43	59431	14.061	ug/l	99
48) t-1,3-Dichloropropene	10.829	75	53557	16.912	ug/l	97
49) cis-1,3-Dichloropropene	10.306	75	59368	17.438	ug/l	97
50) 1,1,2-Trichloroethane	11.012	97	34107	17.000	ug/l	96
51) Ethyl methacrylate	10.871	69	45299	14.928	ug/l	94
52) 1,3-Dichloropropane	11.159	76	61058	17.434	ug/l	97
53) Dibromochloromethane	11.353	129	40698	17.312	ug/l	98
54) 1,2-Dibromoethane	11.465	107	33163	17.080	ug/l	98
55) 2-Chloroethyl vinyl ether	10.153	63	112288	71.836	ug/l	98
56) Bromoform	12.570	173	23597	15.386	ug/l	99
58) 4-Methyl-2-Pentanone	10.441	43	215425	73.648	ug/l	99
59) 2-Hexanone	11.188	43	146559	68.971	ug/l	99
61) Tetrachloroethene	11.100	164	32534	20.198	ug/l	93
62) Toluene	10.624	91	162770	18.362	ug/l	100
64) Chlorobenzene	11.882	112	97712	18.277	ug/l	96
65) 1,1,1,2-Tetrachloroethane	11.953	131	35685	18.405	ug/l	99
66) Ethyl Benzene	11.959	91	161981	17.366	ug/l	97
67) m/p-Xylenes	12.065	106	128248	36.650	ug/l	97
68) o-Xylene	12.394	106	58197	17.460	ug/l	99
69) Styrene	12.406	104	98012	17.400	ug/l	99
70) Isopropylbenzene	12.688	105	150813	18.020	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.929	83	47513	16.006	ug/l	98
72) 1,2,3-Trichloropropane	12.988	75	58040	22.973	ug/l	60
73) Bromobenzene	12.976	156	36615	17.709	ug/l	97
74) n-propylbenzene	13.029	91	181389	17.396	ug/l	98
75) 2-Chlorotoluene	13.123	91	112348	17.886	ug/l	99
76) 1,3,5-Trimethylbenzene	13.170	105	126875	17.766	ug/l	100
77) t-1,4-Dichloro-2-butene	12.729	75	14691	14.228	ug/l	94
78) 4-Chlorotoluene	13.218	91	111652	17.483	ug/l	99
79) tert-butylbenzene	13.435	119	105426	18.052	ug/l	95
80) 1,2,4-Trimethylbenzene	13.476	105	126567	17.805	ug/l	99
81) sec-Butylbenzene	13.612	105	152272	18.059	ug/l	98
82) p-Isopropyltoluene	13.723	119	124141	17.877	ug/l	98
83) 1,3-Dichlorobenzene	13.729	146	68916	17.872	ug/l	98
84) 1,4-Dichlorobenzene	13.806	146	67016	17.964	ug/l	96
85) n-Butylbenzene	14.053	91	105033	17.520	ug/l	100
86) Hexachloroethane	14.329	117	25430	17.058	ug/l	98
87) 1,2-Dichlorobenzene	14.100	146	66123	18.049	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	14.712	75	7707	14.222	ug/l	92
89) 1,2,4-Trichlorobenzene	15.835	180	28198	16.247	ug/l	98
90) Hexachlorobutadiene	15.500	225	16287	18.826	ug/l	94
91) Naphthalene	15.635	128	77301	13.862	ug/l	99
92) 1,2,3-Trichlorobenzene	15.835	180	28198	16.247	ug/l	98

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

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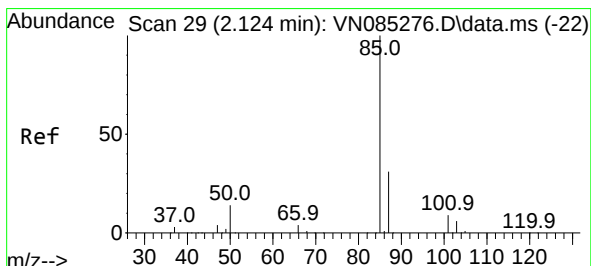
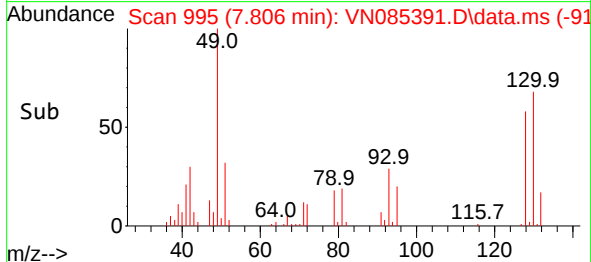
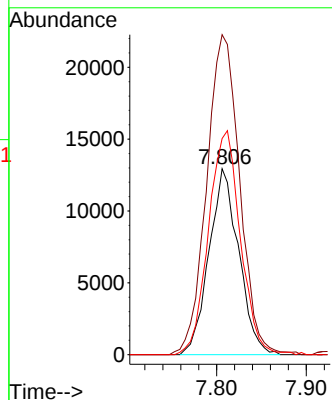
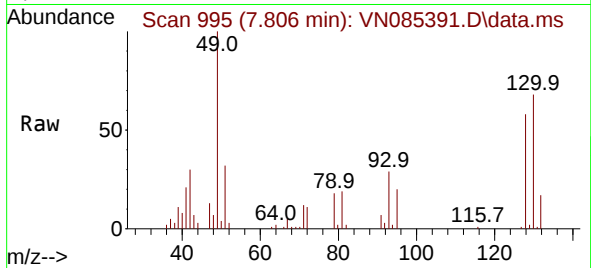




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.806 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN085391.D
Acq: 07 Jan 2025 11:07

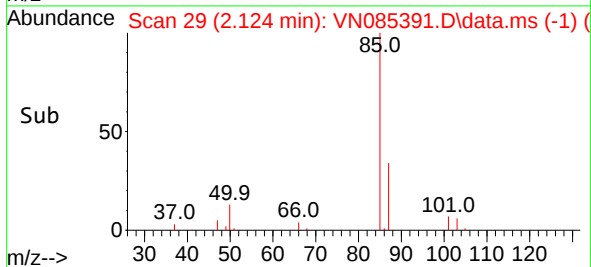
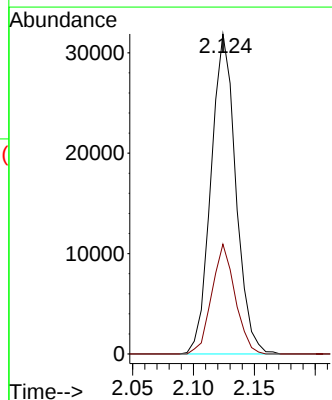
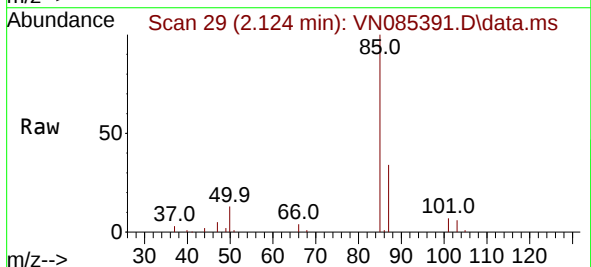
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MSVOA_N
ClientSampleId :

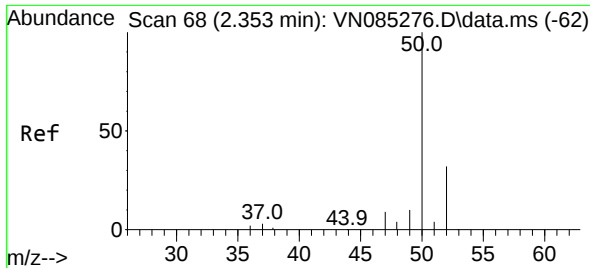
Tgt Ion:128 Resp: 29795
Ion Ratio Lower Upper
128 100
49 191.0 0.0 497.8
130 128.9 0.0 328.5



#2
Dichlorodifluoromethane
Concen: 18.161 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN085391.D
Acq: 07 Jan 2025 11:07

Tgt Ion: 85 Resp: 45244
Ion Ratio Lower Upper
85 100
87 34.3 16.5 49.5

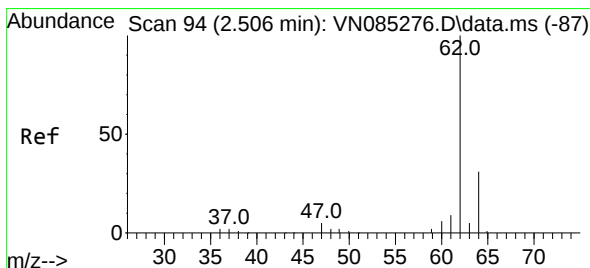
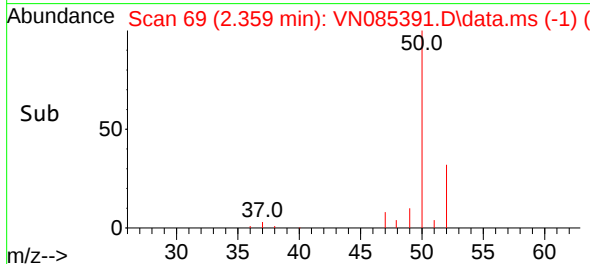
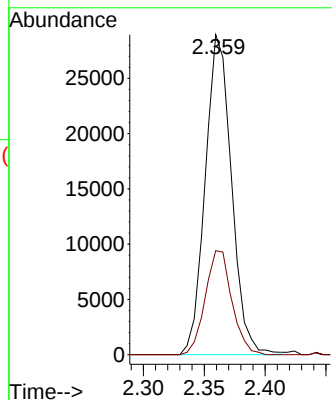
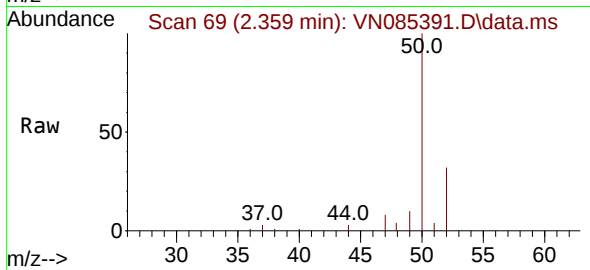




#3
Chloromethane
Concen: 17.307 ug/l
RT: 2.359 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN085391.D
Acq: 07 Jan 2025 11:07

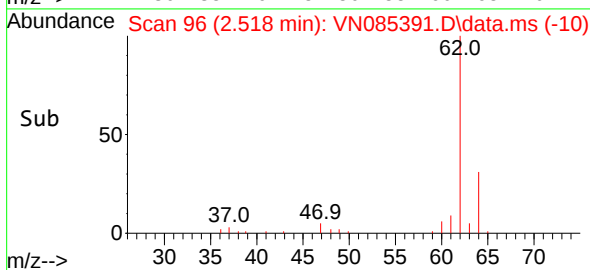
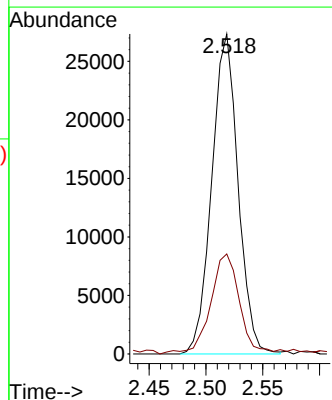
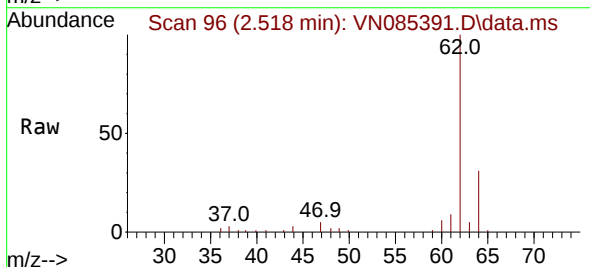
Instrument :
MSVOA_N
ClientSampleId :

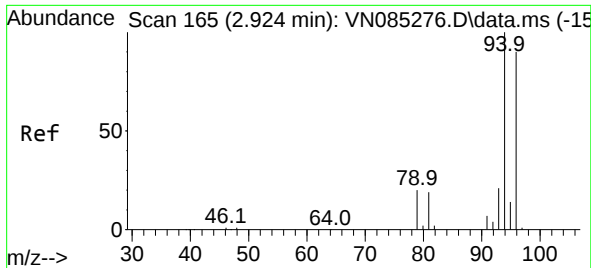
Tgt Ion: 50 Resp: 43534
Ion Ratio Lower Upper
50 100
52 32.5 26.5 39.7



#4
Vinyl Chloride
Concen: 17.262 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.006 min
Lab File: VN085391.D
Acq: 07 Jan 2025 11:07

Tgt Ion: 62 Resp: 44088
Ion Ratio Lower Upper
62 100
64 30.4 25.0 37.4





#5

Bromomethane

Concen: 18.638 ug/l

RT: 2.965 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN085391.D

Acq: 07 Jan 2025 11:07

Instrument :

MSVOA_N

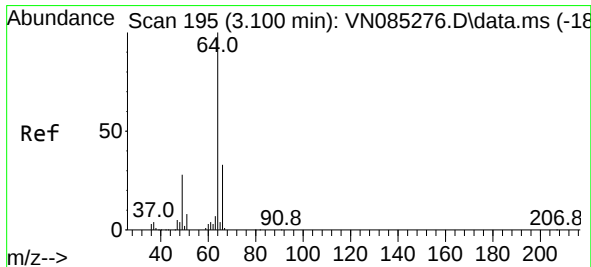
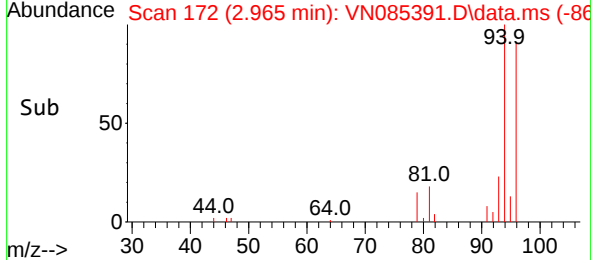
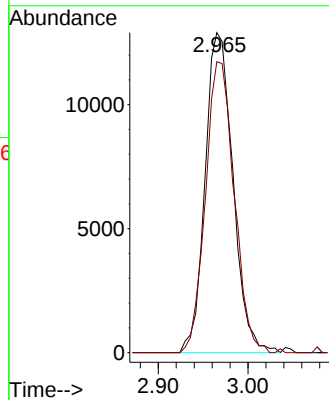
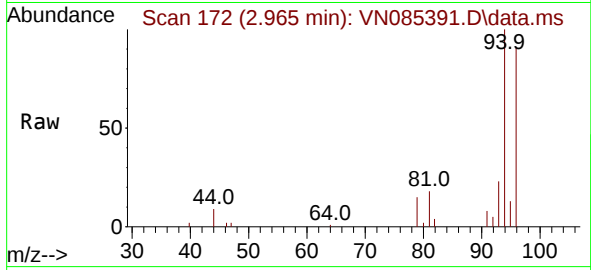
ClientSampleId :

Tgt Ion: 94 Resp: 27827

Ion Ratio Lower Upper

94 100

96 90.9 75.6 113.4



#6

Chloroethane

Concen: 18.301 ug/l

RT: 3.130 min Scan# 200

Delta R.T. 0.012 min

Lab File: VN085391.D

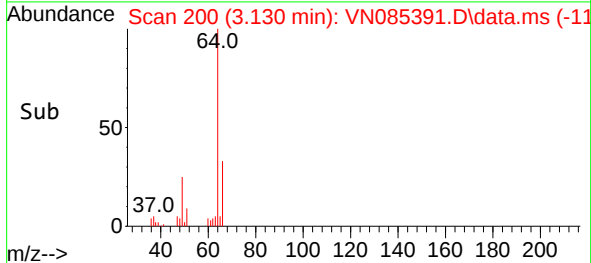
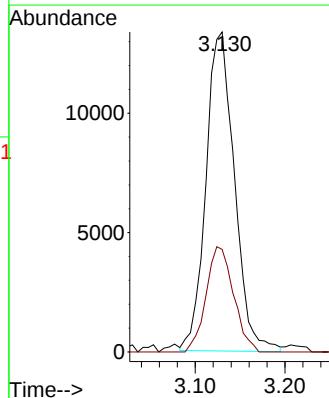
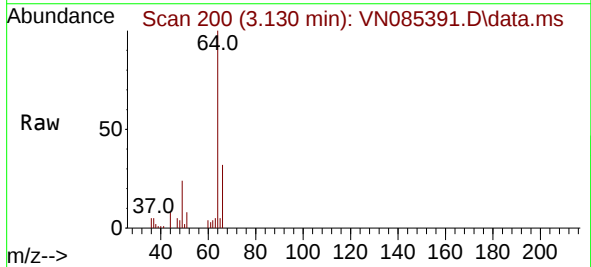
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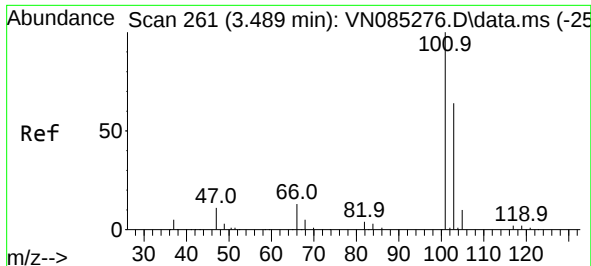
Tgt Ion: 64 Resp: 29507

Ion Ratio Lower Upper

64 100

66 32.5 22.2 33.4

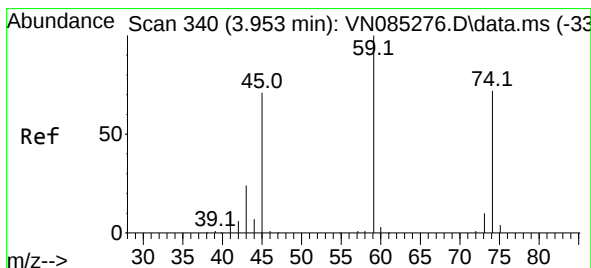
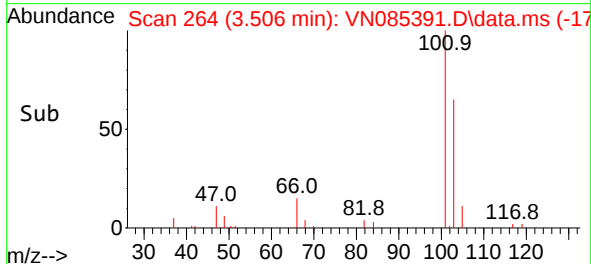
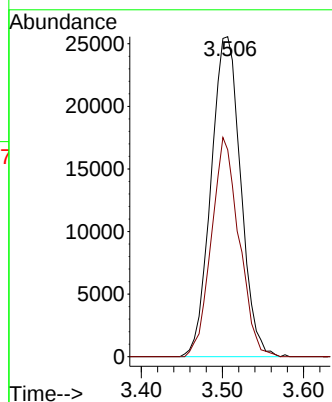
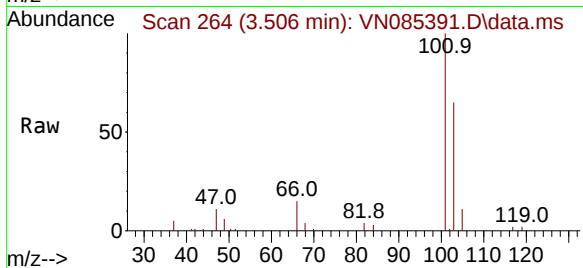




#7
 Trichlorofluoromethane
 Concen: 18.498 ug/l
 RT: 3.506 min Scan# 20
 Delta R.T. 0.006 min
 Lab File: VN085391.D
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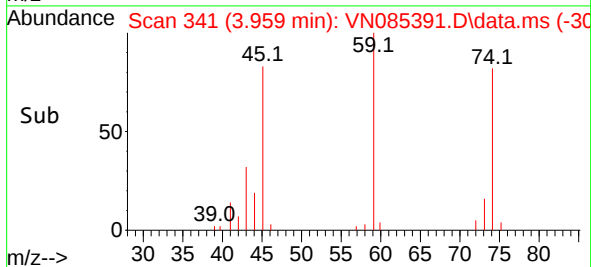
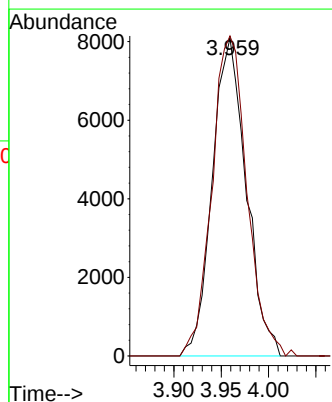
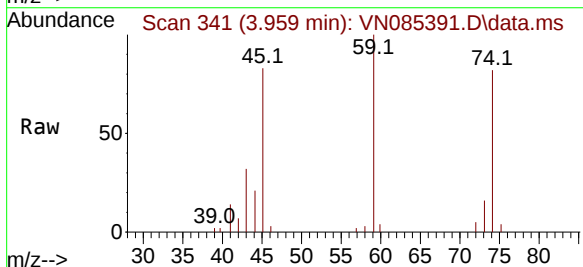
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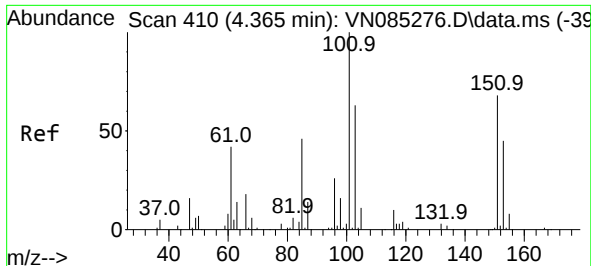
Tgt Ion:101 Resp: 64906
 Ion Ratio Lower Upper
 101 100
 103 64.6 52.6 78.8



#8
 Diethyl Ether
 Concen: 16.643 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. 0.000 min
 Lab File: VN085391.D
 Acq: 07 Jan 2025 11:07

Tgt Ion: 74 Resp: 20112
 Ion Ratio Lower Upper
 74 100
 45 103.6 20.8 187.6

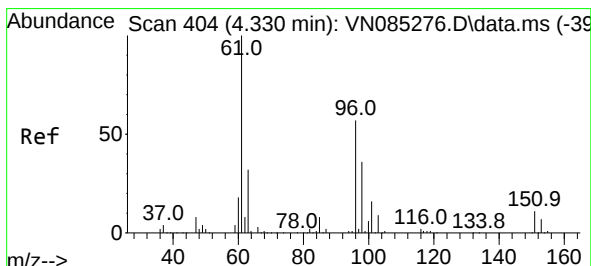
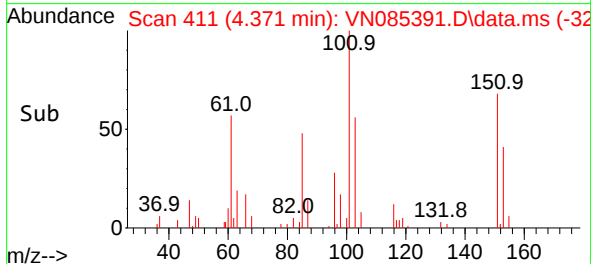
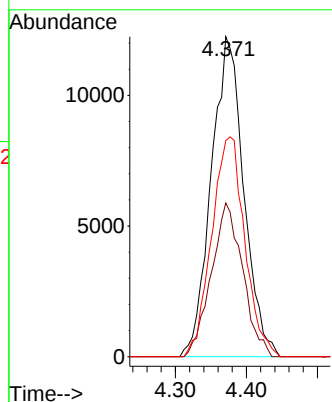
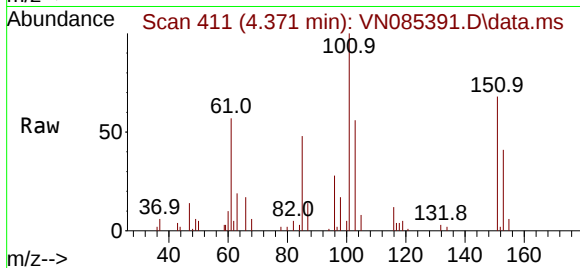




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.294 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.000 min
Lab File: VN085391.D
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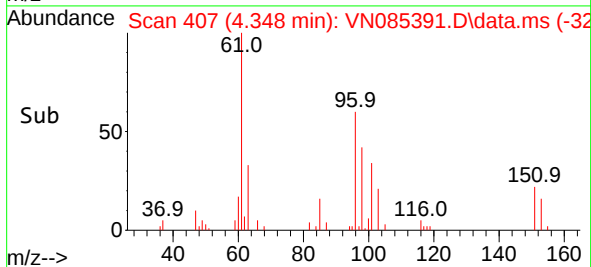
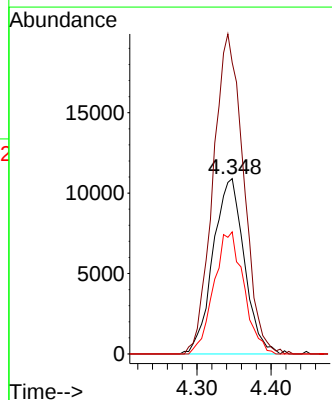
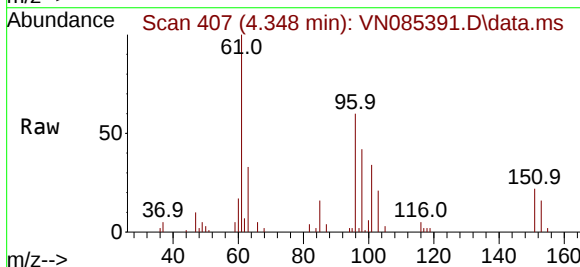
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ClientSampleId :

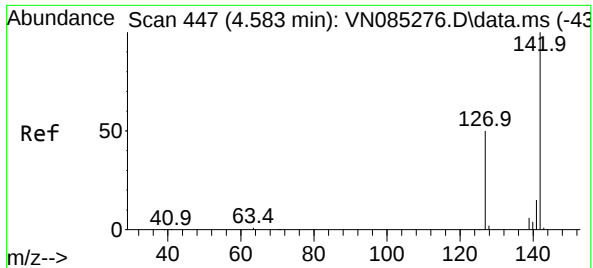
Tgt Ion:101 Resp: 38875
Ion Ratio Lower Upper
101 100
85 46.4 0.0 96.6
151 70.1 0.0 147.4



#10
1,1-Dichloroethene
Concen: 17.338 ug/l
RT: 4.348 min Scan# 407
Delta R.T. 0.006 min
Lab File: VN085391.D
Acq: 07 Jan 2025 11:07

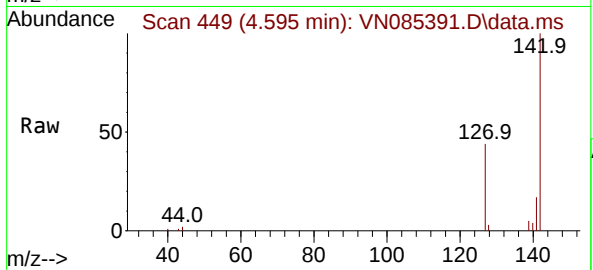
Tgt Ion: 96 Resp: 31913
Ion Ratio Lower Upper
96 100
61 166.2 145.9 218.9
98 69.7 51.9 77.9



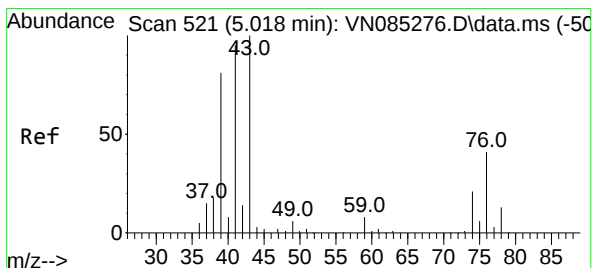
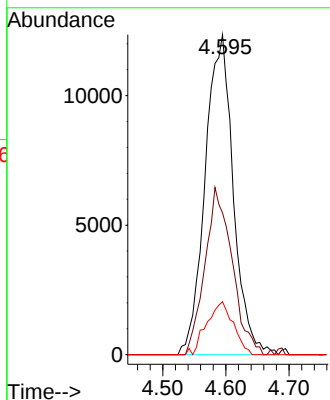
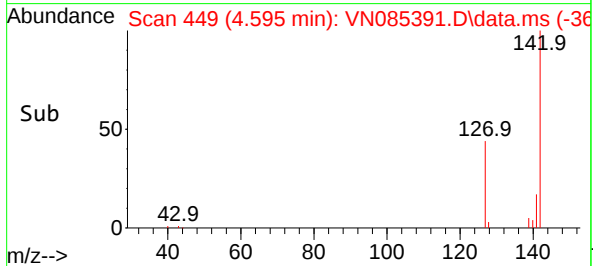


#11
Methyl Iodide
Concen: 17.328 ug/l
RT: 4.595 min Scan# 447
Delta R.T. 0.006 min
Lab File: VN085391.D
Acq: 07 Jan 2025 11:07

Instrument :
MSVOA_N
ClientSampleId :

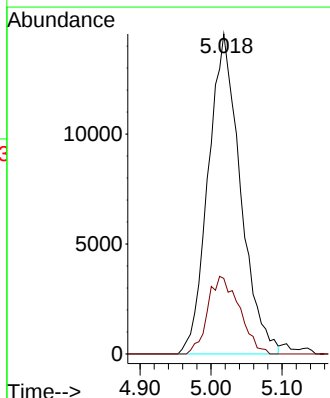
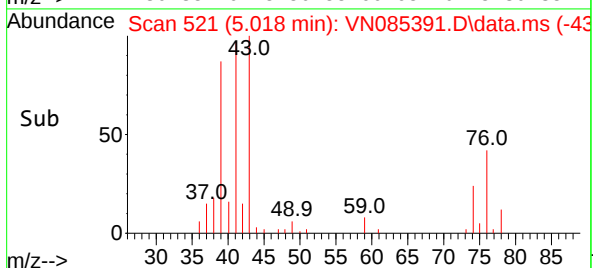
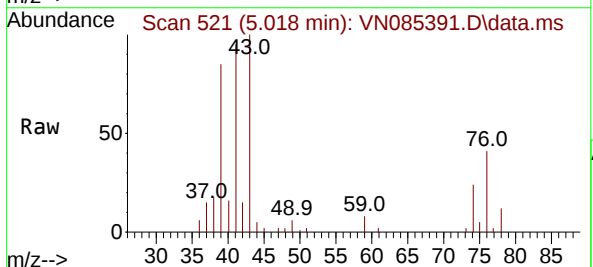


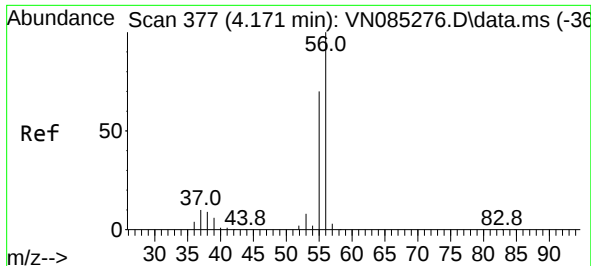
Tgt Ion:142 Resp: 38226
Ion Ratio Lower Upper
142 100
127 43.4 25.1 75.4
141 16.5 6.9 20.7



#12
Methyl Acetate
Concen: 16.664 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.006 min
Lab File: VN085391.D
Acq: 07 Jan 2025 11:07

Tgt Ion: 43 Resp: 45806
Ion Ratio Lower Upper
43 100
74 23.9 20.5 30.7





#13

Acrolein

Concen: 66.685 ug/l

RT: 4.177 min Scan# 31

Delta R.T. -0.006 min

Lab File: VN085391.D

Acq: 07 Jan 2025 11:07

Instrument :

MSVOA_N

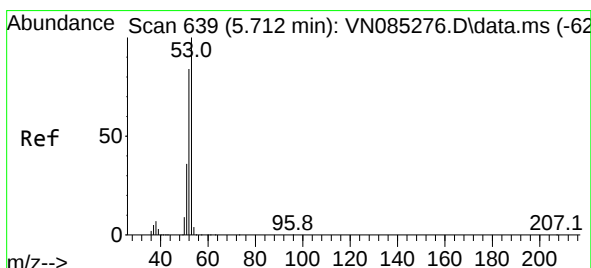
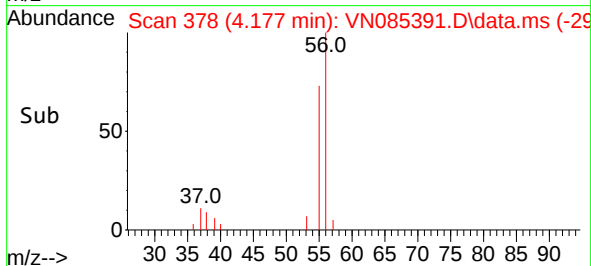
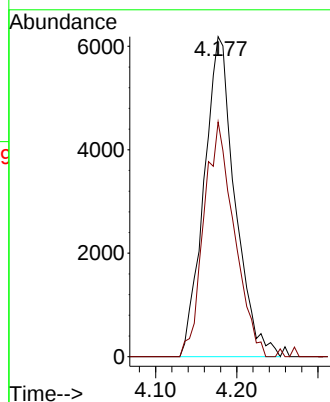
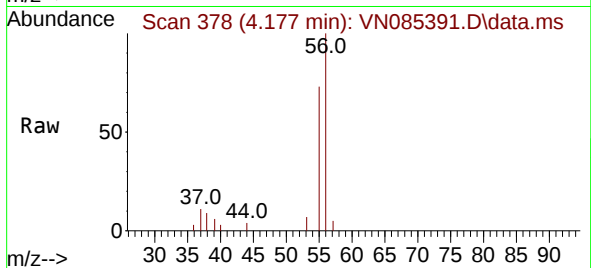
ClientSampleId :

Tgt Ion: 56 Resp: 16364

Ion Ratio Lower Upper

56 100

55 72.1 56.8 85.2



#14

Acrylonitrile

Concen: 74.577 ug/l

RT: 5.712 min Scan# 639

Delta R.T. -0.006 min

Lab File: VN085391.D

Acq: 07 Jan 2025 11:07

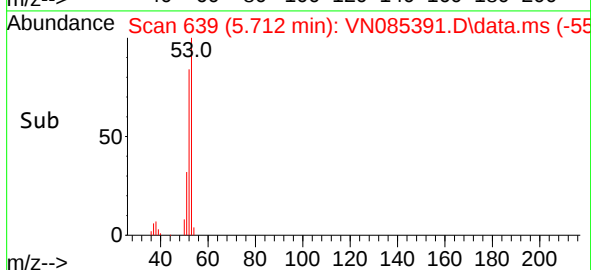
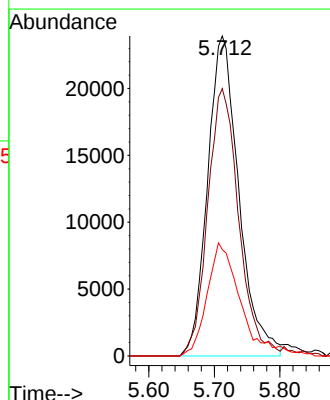
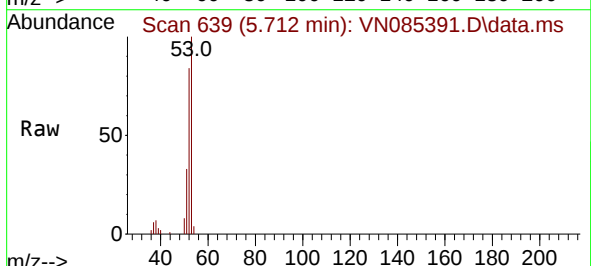
Tgt Ion: 53 Resp: 79287

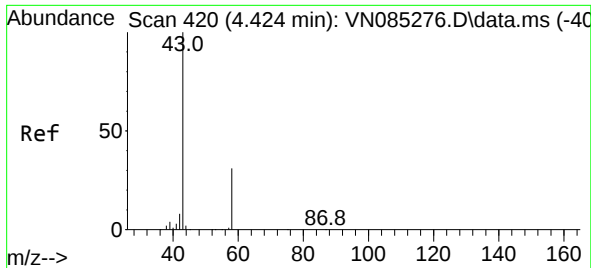
Ion Ratio Lower Upper

53 100

52 81.6 41.6 124.8

51 35.5 18.1 54.4

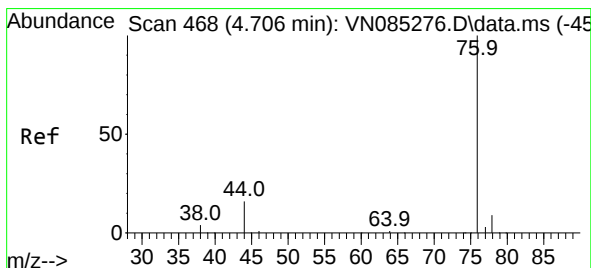
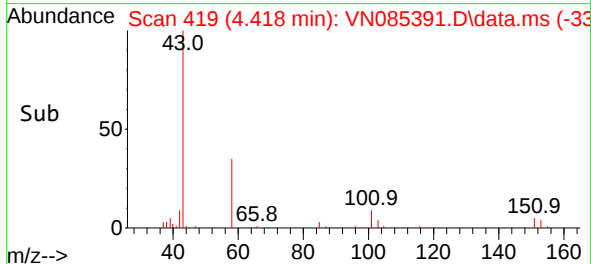
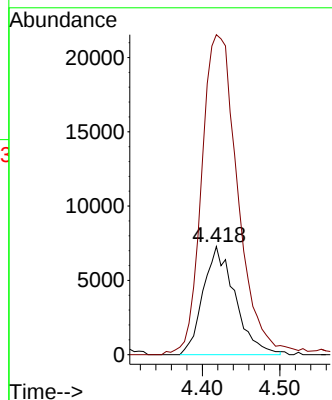
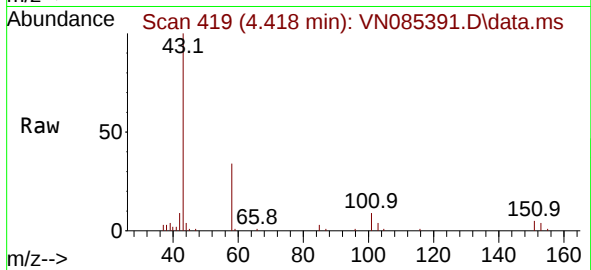




#15
Acetone
Concen: 78.009 ug/l
RT: 4.418 min Scan# 419
Delta R.T. -0.012 min
Lab File: VN085391.D
Acq: 07 Jan 2025 11:07

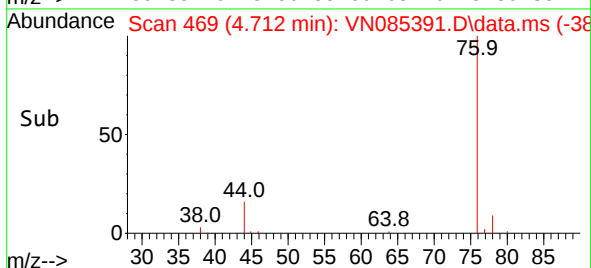
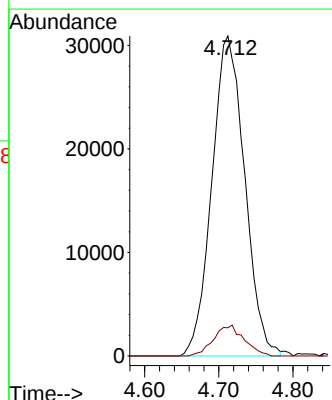
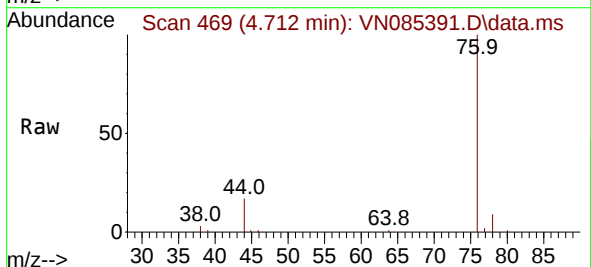
Instrument :
MSVOA_N
ClientSampleId :

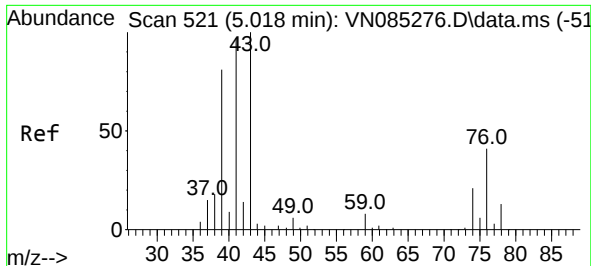
Tgt Ion: 58 Resp: 20921
Ion Ratio Lower Upper
58 100
43 297.3 258.8 388.2



#16
Carbon Disulfide
Concen: 16.974 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.000 min
Lab File: VN085391.D
Acq: 07 Jan 2025 11:07

Tgt Ion: 76 Resp: 94969
Ion Ratio Lower Upper
76 100
78 8.8 6.6 9.8





#17

Allyl chloride

Concen: 16.755 ug/l

RT: 5.024 min Scan# 51

Delta R.T. 0.000 min

Lab File: VN085391.D

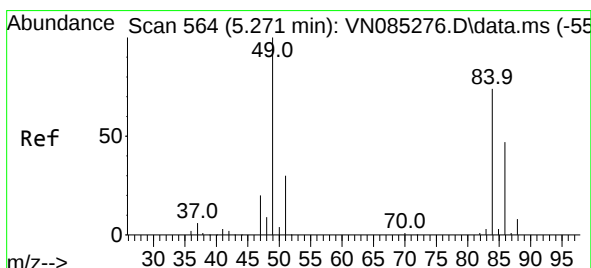
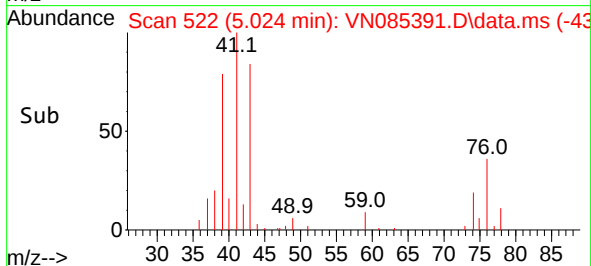
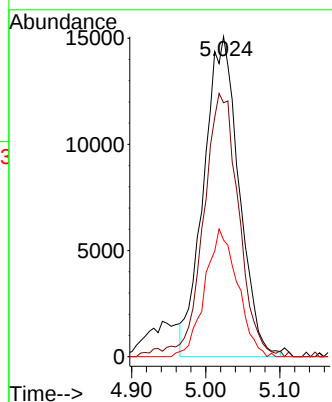
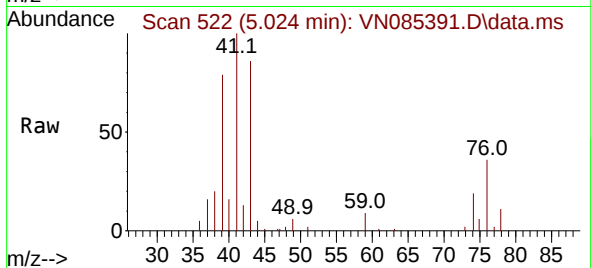
Acq: 07 Jan 2025 11:07

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion: 41	Resp: 49889
Ion Ratio	Lower Upper
41 100	
39 78.8	41.3 124.1
76 37.0	19.5 58.5



#18

Methylene Chloride

Concen: 17.767 ug/l

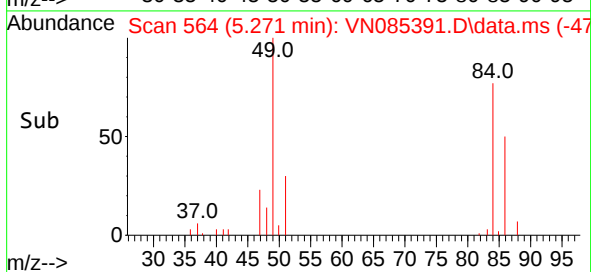
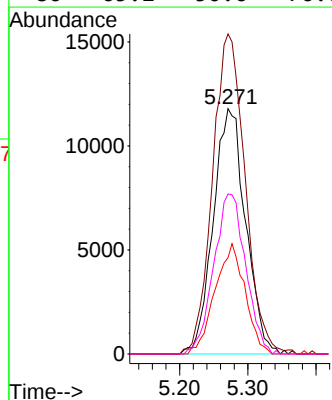
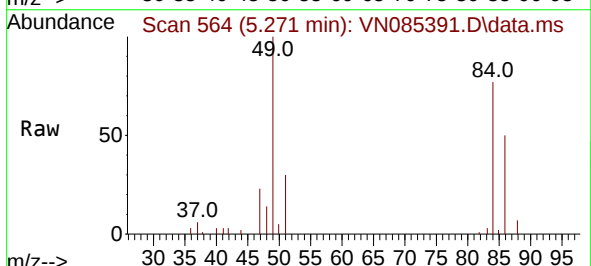
RT: 5.271 min Scan# 564

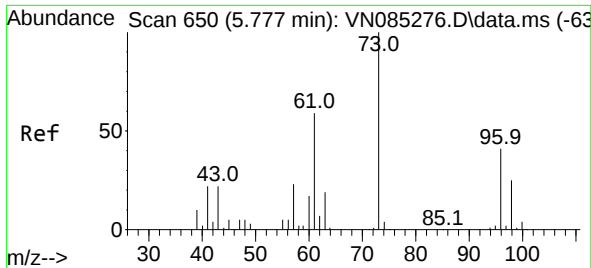
Delta R.T. 0.000 min

Lab File: VN085391.D

Acq: 07 Jan 2025 11:07

Tgt Ion: 84	Resp: 38969
Ion Ratio	Lower Upper
84 100	
49 130.5	104.9 157.3
51 39.3	30.2 45.4
86 65.2	50.6 76.0

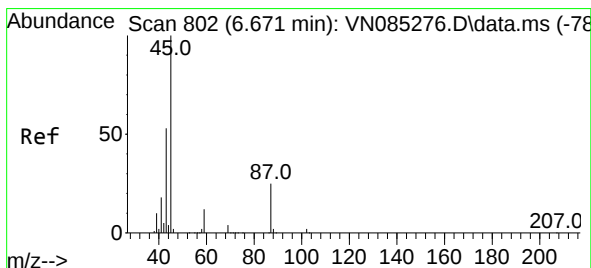
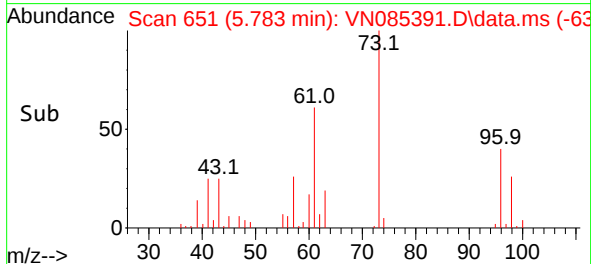
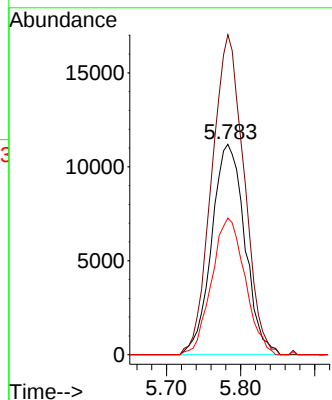
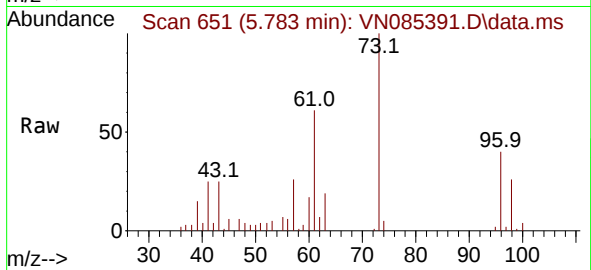




#19
trans-1,2-Dichloroethene
Concen: 18.194 ug/l
RT: 5.783 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN085391.D
Acq: 07 Jan 2025 11:07

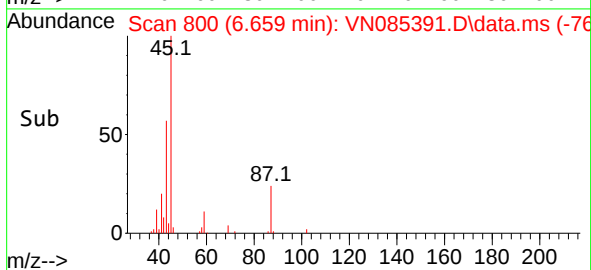
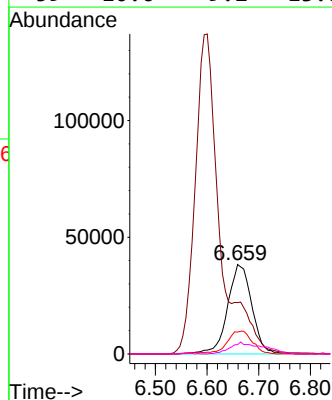
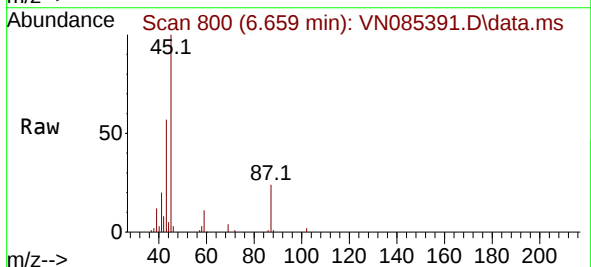
Instrument :
MSVOA_N
ClientSampleId :

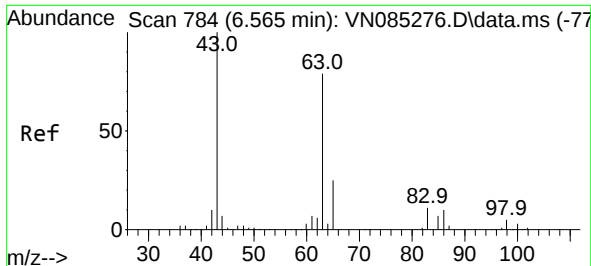
Tgt Ion: 96 Resp: 34831
Ion Ratio Lower Upper
96 100
61 152.1 124.2 186.4
98 64.9 51.0 76.4



#20
Diisopropyl ether
Concen: 18.242 ug/l
RT: 6.659 min Scan# 800
Delta R.T. -0.012 min
Lab File: VN085391.D
Acq: 07 Jan 2025 11:07

Tgt Ion: 45 Resp: 124483
Ion Ratio Lower Upper
45 100
43 55.2 46.6 69.8
87 24.5 22.3 33.5
59 10.6 9.2 13.8

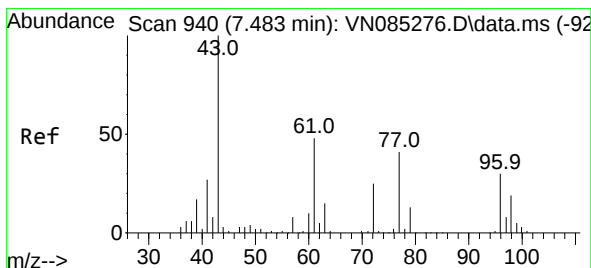
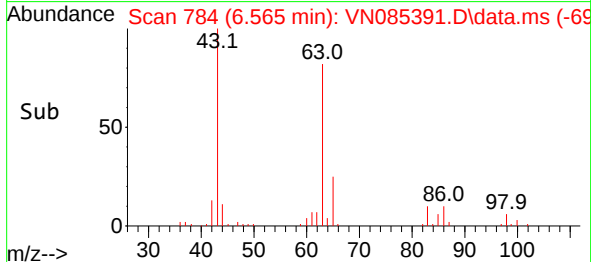
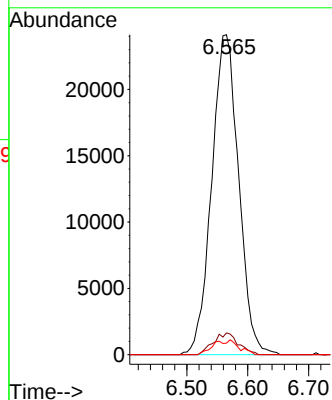
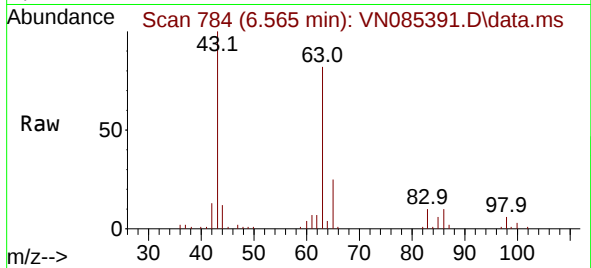




#21
1,1-Dichloroethane
Concen: 18.614 ug/l
RT: 6.565 min Scan# 784
Delta R.T. 0.000 min
Lab File: VN085391.D
Acq: 07 Jan 2025 11:07

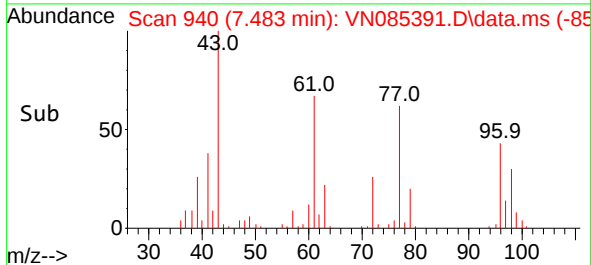
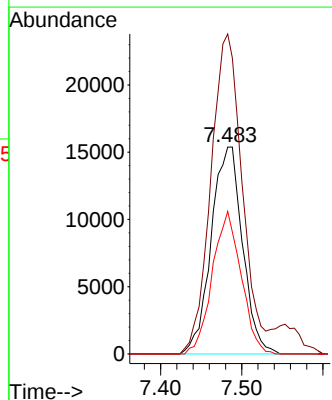
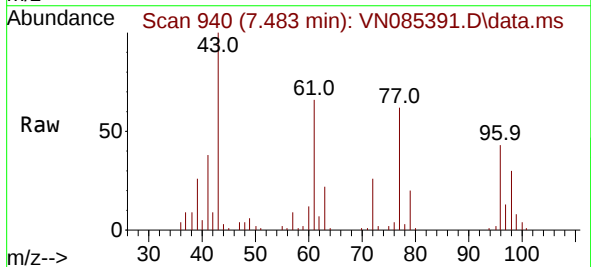
Instrument :
MSVOA_N
ClientSampleId :

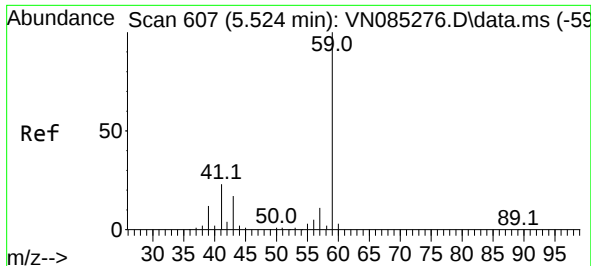
Tgt Ion: 63 Resp: 74257
Ion Ratio Lower Upper
63 100
98 6.8 2.4 7.1
100 3.6 2.1 6.3



#22
cis-1,2-Dichloroethene
Concen: 18.091 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN085391.D
Acq: 07 Jan 2025 11:07

Tgt Ion: 96 Resp: 41242
Ion Ratio Lower Upper
96 100
61 154.0 128.1 192.1
98 63.3 52.7 79.1

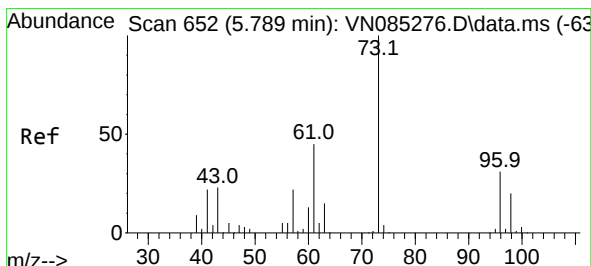
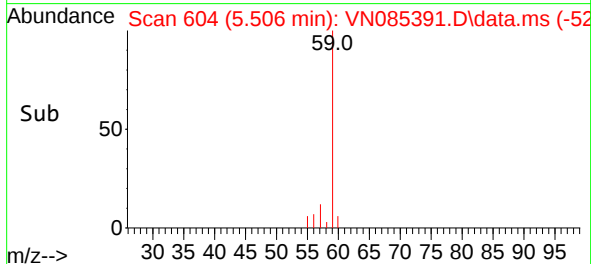
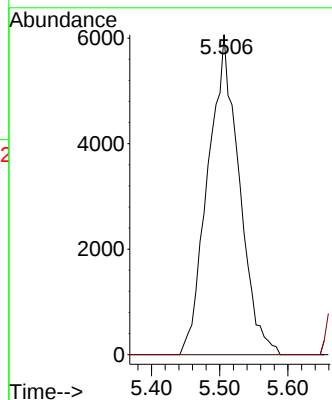
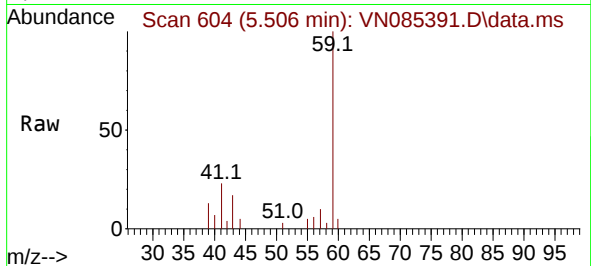




#23
tert-Butyl Alcohol
Concen: 55.220 ug/l
RT: 5.506 min Scan# 604
Delta R.T. -0.012 min
Lab File: VN085391.D
Acq: 07 Jan 2025 11:07

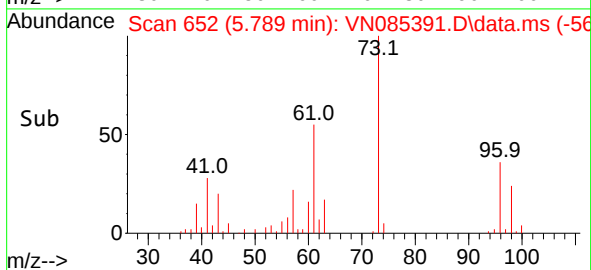
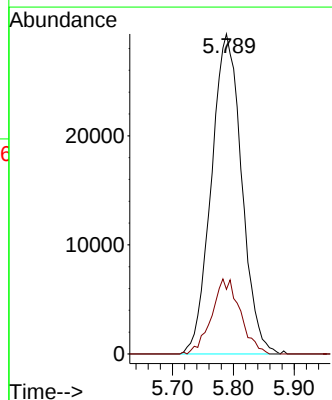
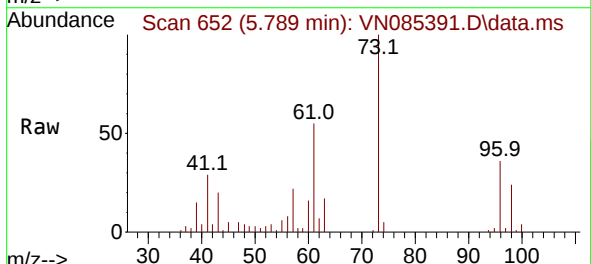
Instrument :
MSVOA_N
ClientSampleId :

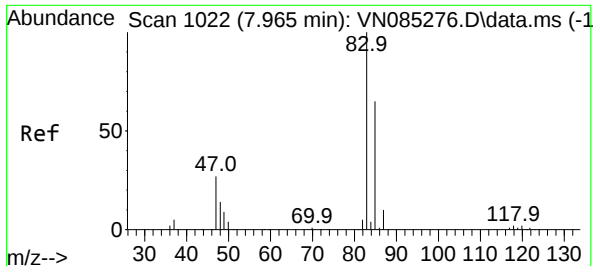
Tgt Ion: 59 Resp: 19348
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0



#24
Methyl tert-Butyl Ether
Concen: 16.800 ug/l
RT: 5.789 min Scan# 652
Delta R.T. -0.012 min
Lab File: VN085391.D
Acq: 07 Jan 2025 11:07

Tgt Ion: 73 Resp: 101495
Ion Ratio Lower Upper
73 100
43 12.2 18.6 27.8#





#25

Chloroform

Concen: 18.464 ug/l

RT: 7.959 min Scan# 1021

Delta R.T. -0.006 min

Lab File: VN085391.D

Acq: 07 Jan 2025 11:07

Instrument :

MSVOA_N

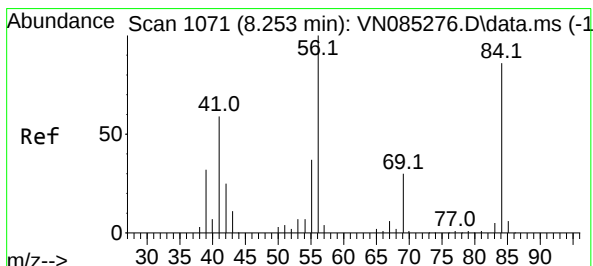
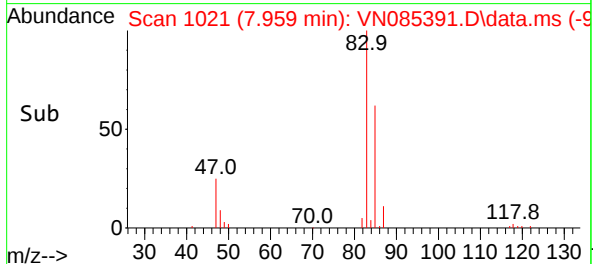
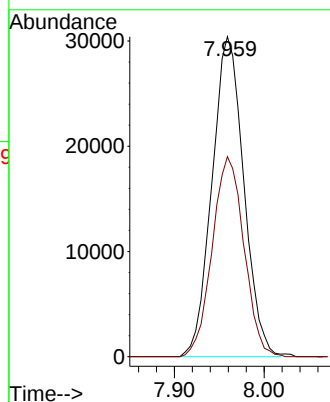
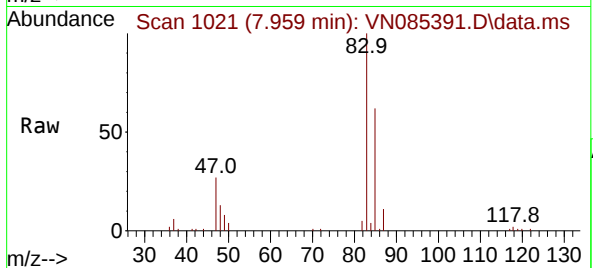
ClientSampleId :

Tgt Ion: 83 Resp: 74666

Ion Ratio Lower Upper

83 100

85 62.5 52.0 78.0



#26

Cyclohexane

Concen: 17.158 ug/l

RT: 8.253 min Scan# 1071

Delta R.T. 0.000 min

Lab File: VN085391.D

Acq: 07 Jan 2025 11:07

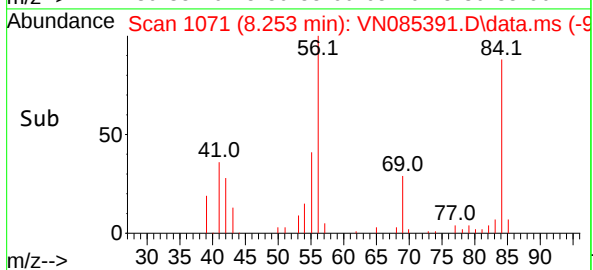
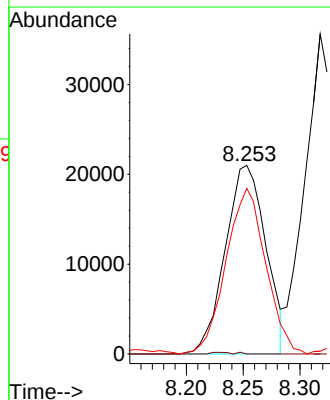
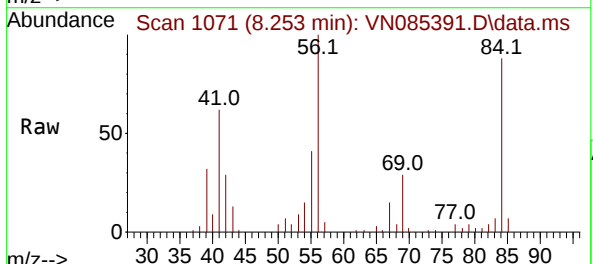
Tgt Ion: 56 Resp: 52189

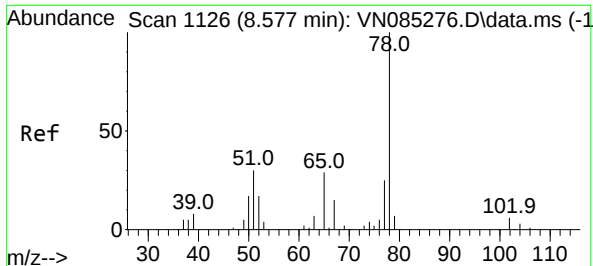
Ion Ratio Lower Upper

56 100

89 0.1 0.0 0.0#

84 85.8 67.6 101.4





#27

1,2-Dichloroethane-d4

Concen: 29.185 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN085391.D

Acq: 07 Jan 2025 11:07

Instrument :

MSVOA_N

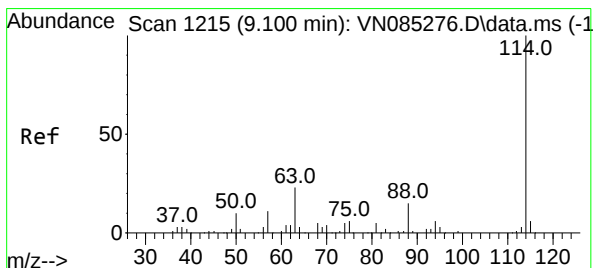
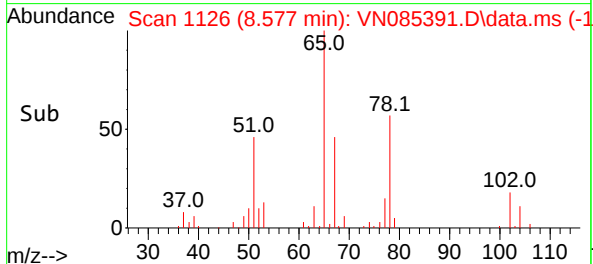
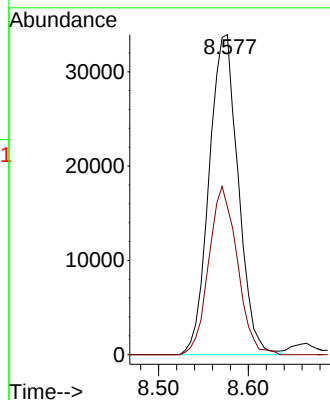
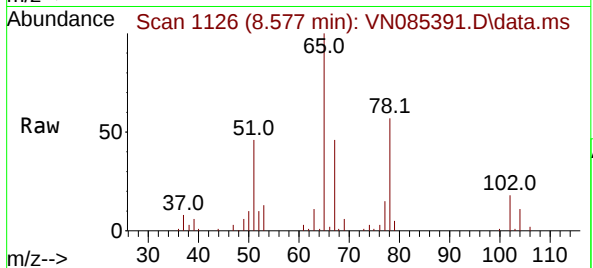
ClientSampleId :

Tgt Ion: 65 Resp: 76495

Ion Ratio Lower Upper

65 100

67 51.0 42.0 63.0



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 9.094 min Scan# 1214

Delta R.T. -0.006 min

Lab File: VN085391.D

Acq: 07 Jan 2025 11:07

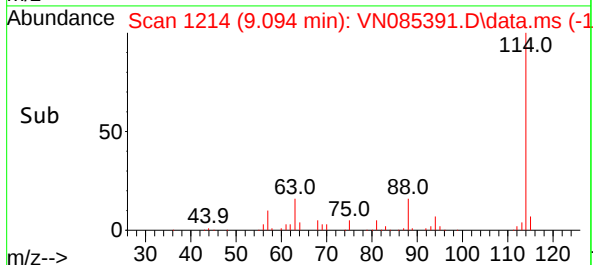
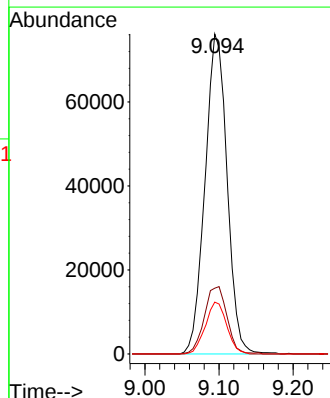
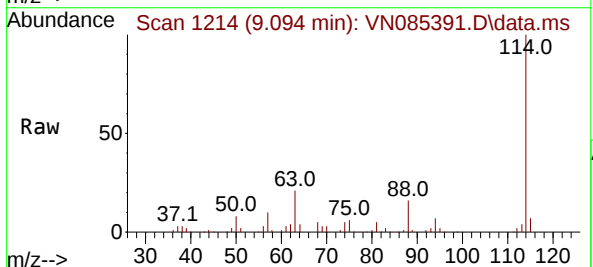
Tgt Ion: 114 Resp: 157585

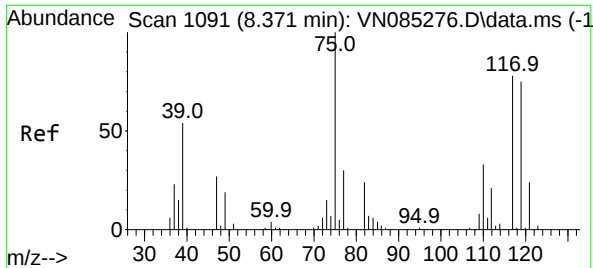
Ion Ratio Lower Upper

114 100

63 21.6 18.0 27.0

88 15.7 12.9 19.3

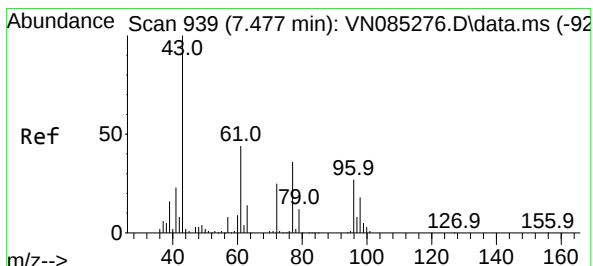
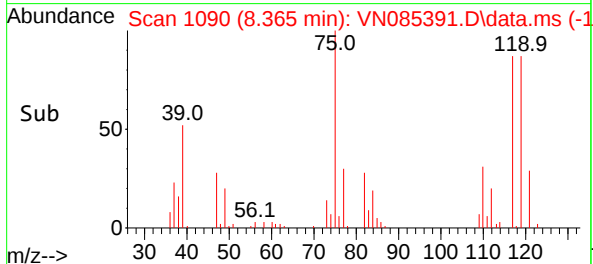
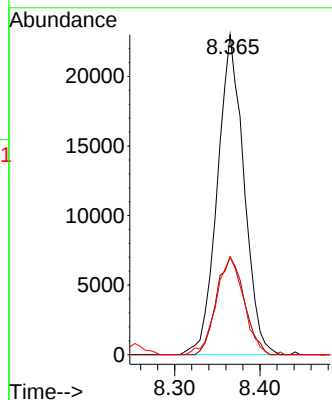
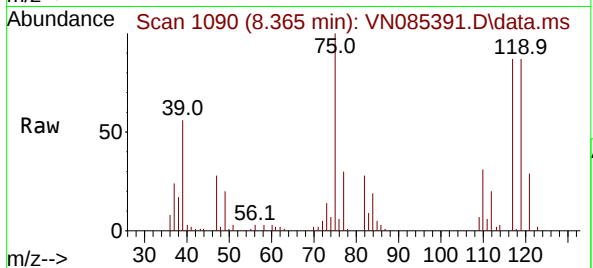




#29
1,1-Dichloropropene
Concen: 18.129 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. -0.006 min
Lab File: VN085391.D
Acq: 07 Jan 2025 11:07

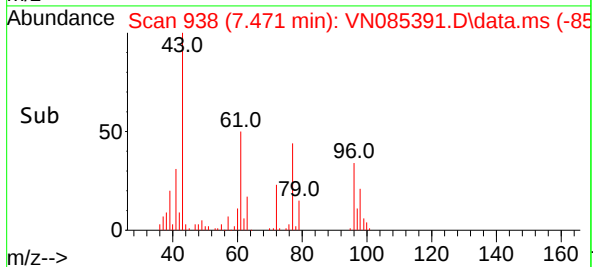
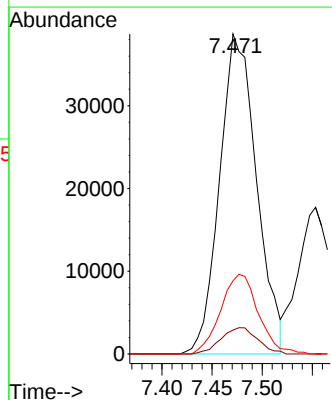
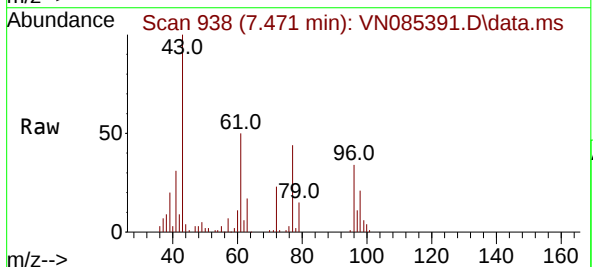
Instrument :
MSVOA_N
ClientSampleId :

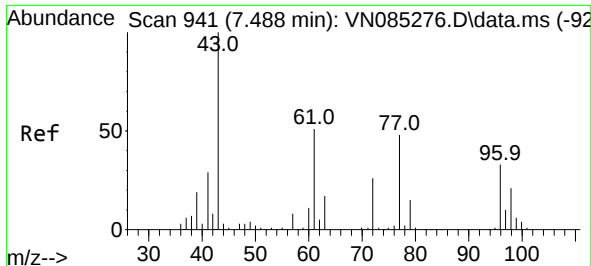
Tgt Ion: 75 Resp: 49602
Ion Ratio Lower Upper
75 100
110 32.2 0.0 64.8
77 31.8 0.0 60.8



#30
2-Butanone
Concen: 68.636 ug/l
RT: 7.471 min Scan# 938
Delta R.T. -0.006 min
Lab File: VN085391.D
Acq: 07 Jan 2025 11:07

Tgt Ion: 43 Resp: 99126
Ion Ratio Lower Upper
43 100
57 8.2 6.2 9.2
72 25.4 19.9 29.9

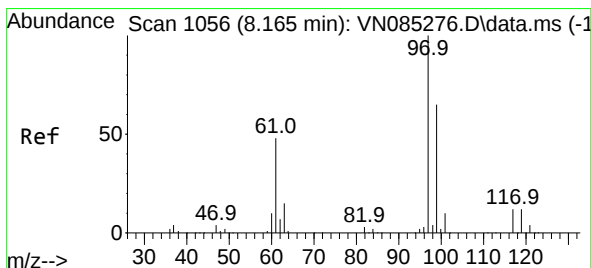
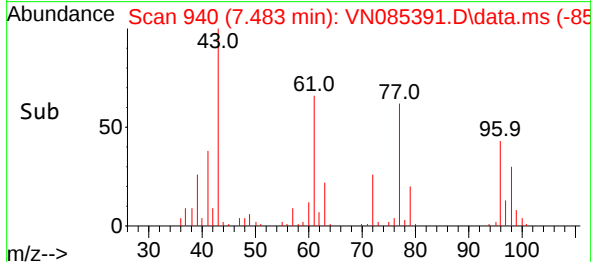
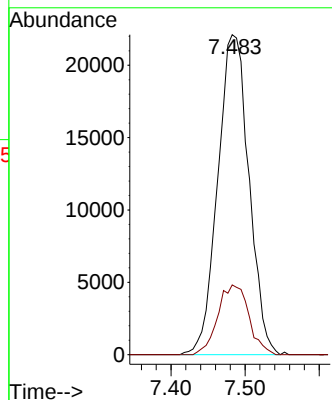
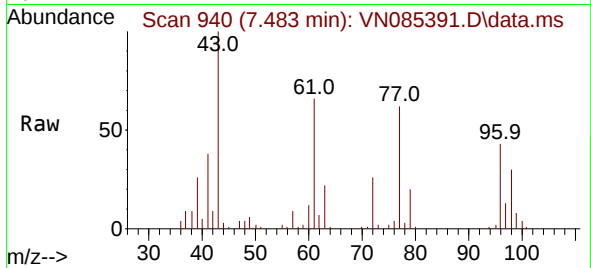




#31
2,2-Dichloropropane
Concen: 18.620 ug/l
RT: 7.483 min Scan# 941
Delta R.T. -0.006 min
Lab File: VN085391.D
Acq: 07 Jan 2025 11:07

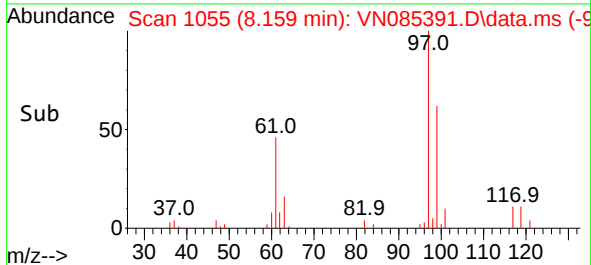
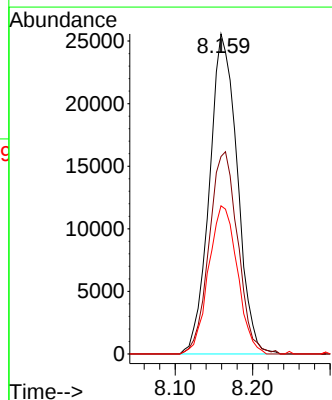
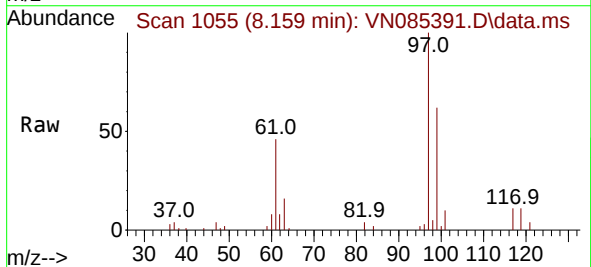
Instrument :
MSVOA_N
ClientSampleId :

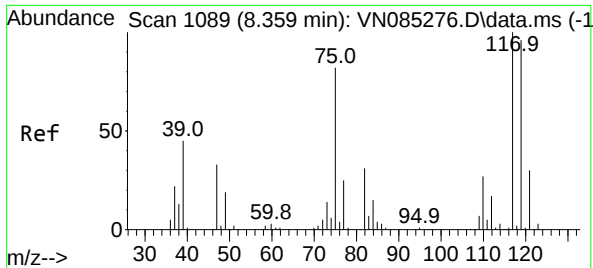
Tgt Ion: 77 Resp: 64553
Ion Ratio Lower Upper
77 100
97 21.7 16.9 25.3



#32
1,1,1-Trichloroethane
Concen: 17.963 ug/l
RT: 8.159 min Scan# 1055
Delta R.T. -0.006 min
Lab File: VN085391.D
Acq: 07 Jan 2025 11:07

Tgt Ion: 97 Resp: 63889
Ion Ratio Lower Upper
97 100
99 64.8 52.2 78.2
61 47.8 39.8 59.8

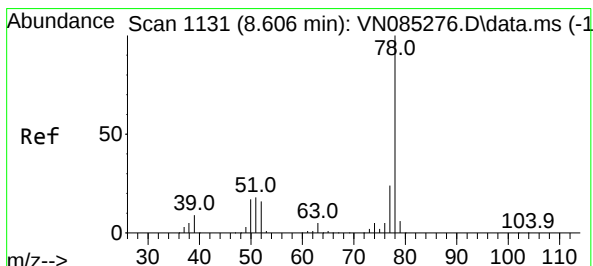
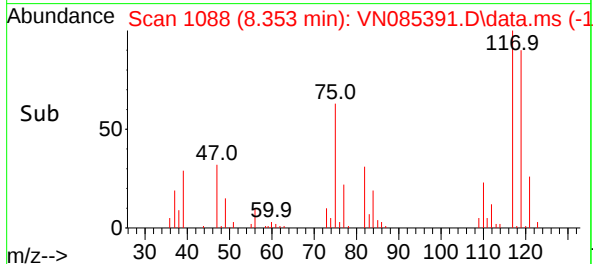
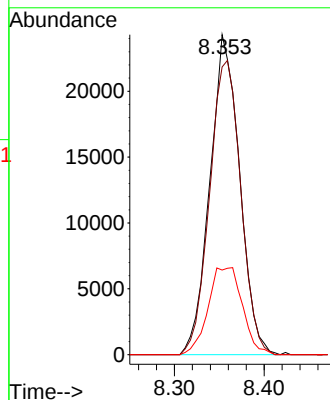
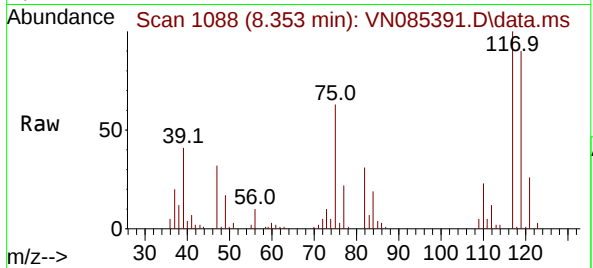




#33
Carbon Tetrachloride
Concen: 17.931 ug/l
RT: 8.353 min Scan# 1107
Delta R.T. -0.006 min
Lab File: VN085391.D
Acq: 07 Jan 2025 11:07

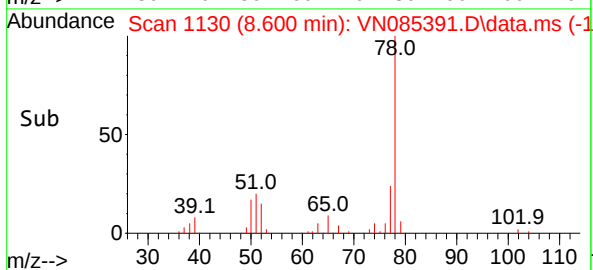
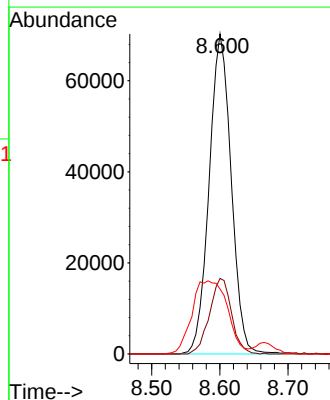
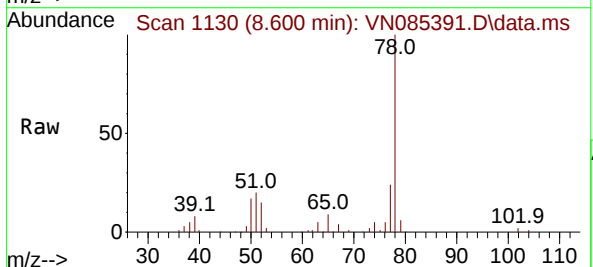
Instrument :
MSVOA_N
ClientSampleId :

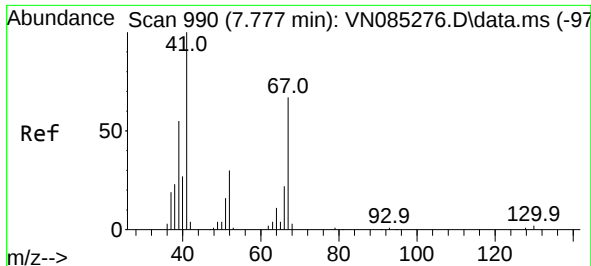
Tgt Ion:117 Resp: 55829
Ion Ratio Lower Upper
117 100
119 89.9 71.6 107.4
121 26.5 23.5 35.3



#34
Benzene
Concen: 18.289 ug/l
RT: 8.600 min Scan# 1130
Delta R.T. -0.006 min
Lab File: VN085391.D
Acq: 07 Jan 2025 11:07

Tgt Ion: 78 Resp: 158176
Ion Ratio Lower Upper
78 100
77 23.6 19.3 28.9
51 19.1 14.6 21.8



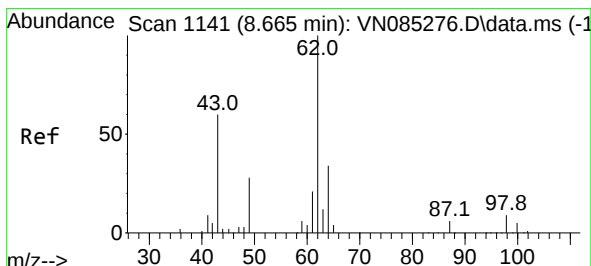
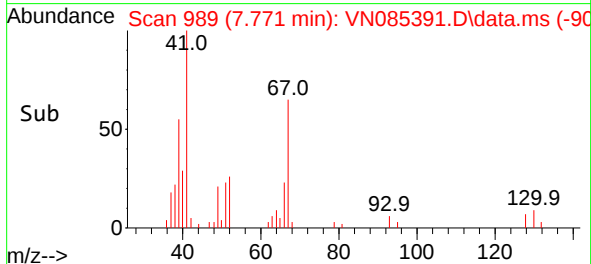
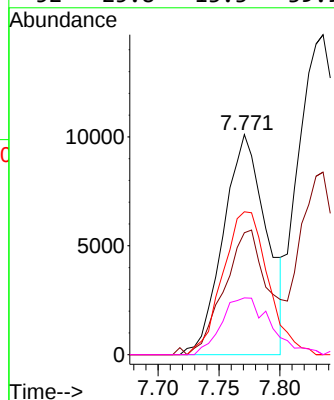
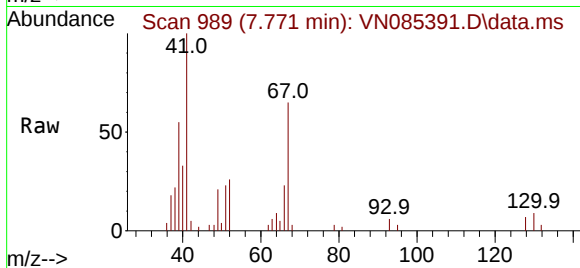


#35
Methacrylonitrile
Concen: 15.577 ug/l
RT: 7.771 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN085391.D
Acq: 07 Jan 2025 11:07

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 41 Resp: 24903

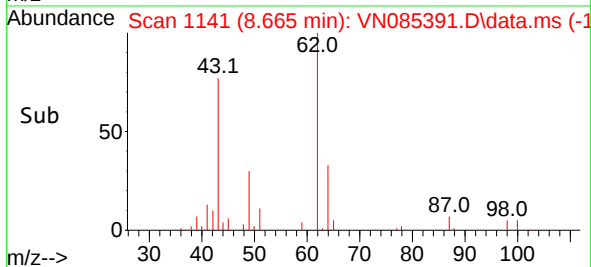
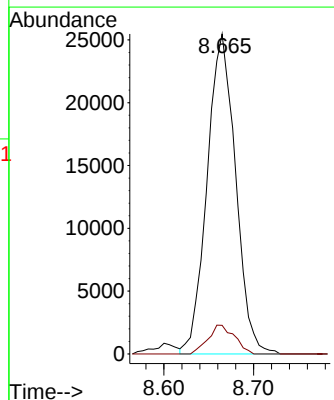
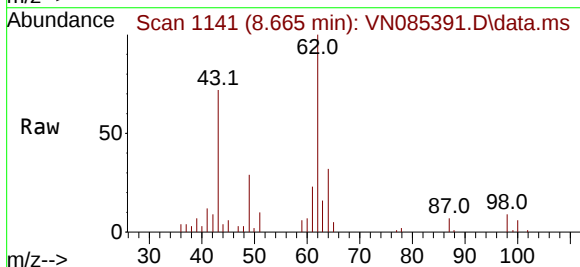
Ion	Ratio	Lower	Upper
41	100		
39	52.2	26.7	80.0
67	64.9	32.5	97.5
52	25.8	13.3	39.9

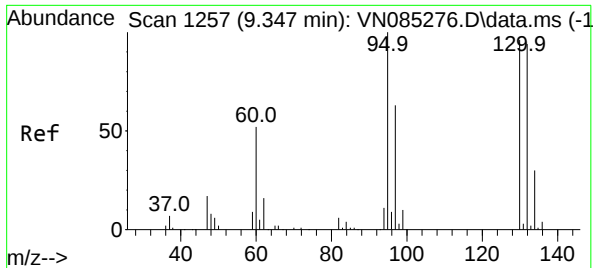


#36
1,2-Dichloroethane
Concen: 17.948 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. 0.000 min
Lab File: VN085391.D
Acq: 07 Jan 2025 11:07

Tgt Ion: 62 Resp: 56130

Ion	Ratio	Lower	Upper
62	100		
98	8.4	6.6	10.0





#37

Trichloroethene

Concen: 17.741 ug/l

RT: 9.347 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN085391.D

Acq: 07 Jan 2025 11:07

Instrument :

MSVOA_N

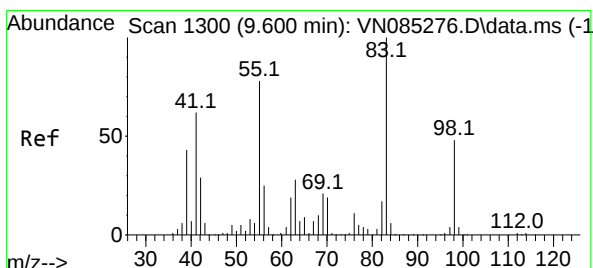
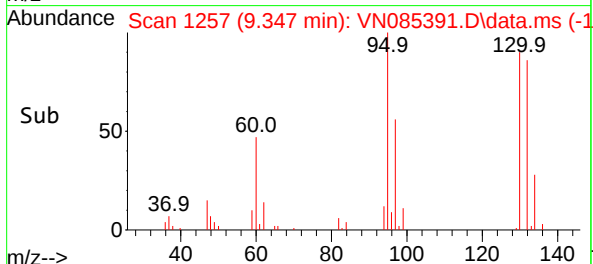
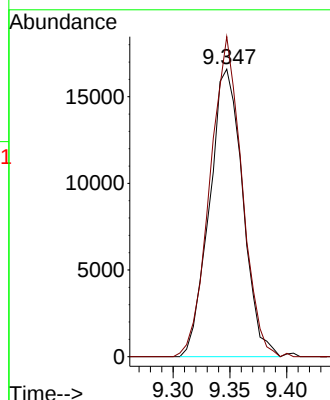
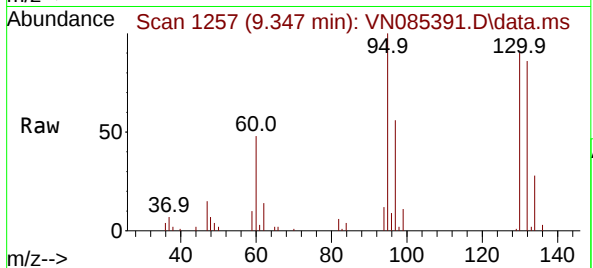
ClientSampleId :

Tgt Ion:130 Resp: 33759

Ion Ratio Lower Upper

130 100

95 111.3 80.0 120.0



#38

Methylcyclohexane

Concen: 17.537 ug/l

RT: 9.600 min Scan# 1300

Delta R.T. 0.000 min

Lab File: VN085391.D

Acq: 07 Jan 2025 11:07

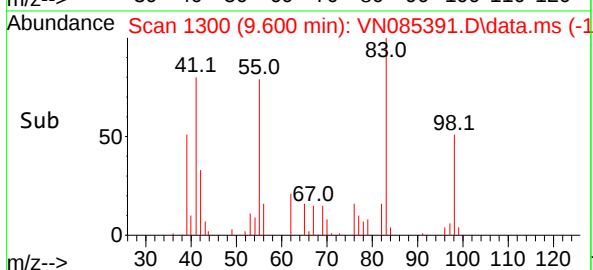
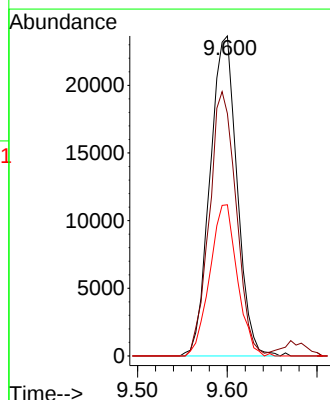
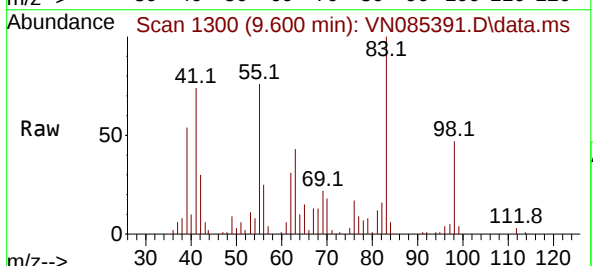
Tgt Ion: 83 Resp: 49652

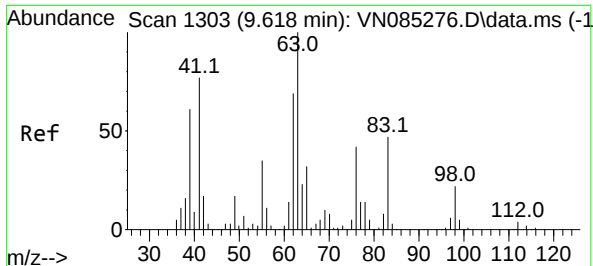
Ion Ratio Lower Upper

83 100

55 81.8 43.6 130.8

98 47.7 24.2 72.6





#39

1,2-Dichloropropane

Concen: 18.149 ug/l

RT: 9.612 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN085391.D

Acq: 07 Jan 2025 11:07

Instrument :

MSVOA_N

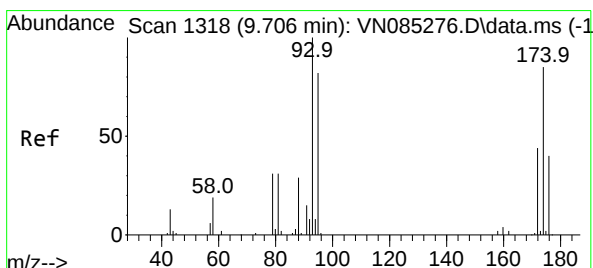
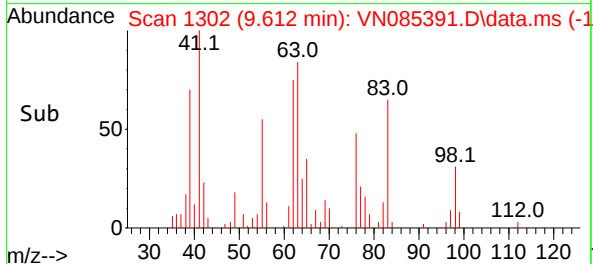
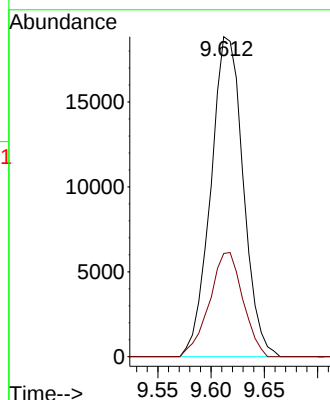
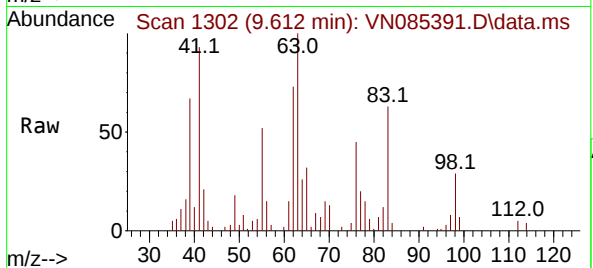
ClientSampleId :

Tgt Ion: 63 Resp: 39935

Ion Ratio Lower Upper

63 100

65 32.3 26.1 39.1



#40

Dibromomethane

Concen: 17.724 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. 0.000 min

Lab File: VN085391.D

Acq: 07 Jan 2025 11:07

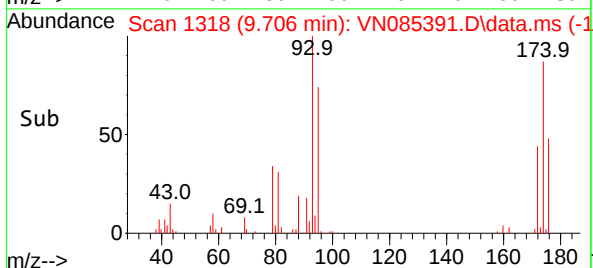
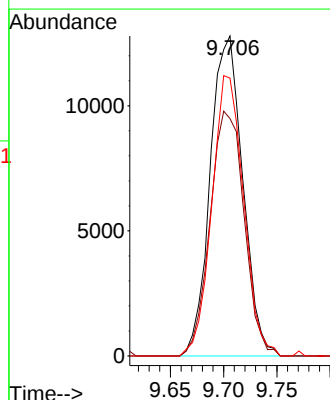
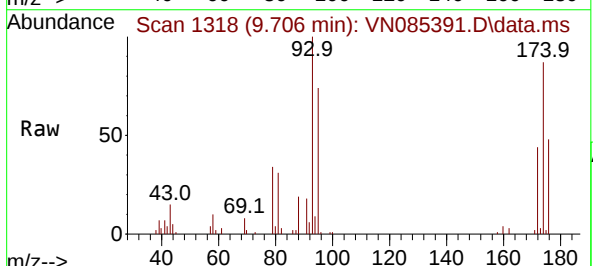
Tgt Ion: 93 Resp: 27191

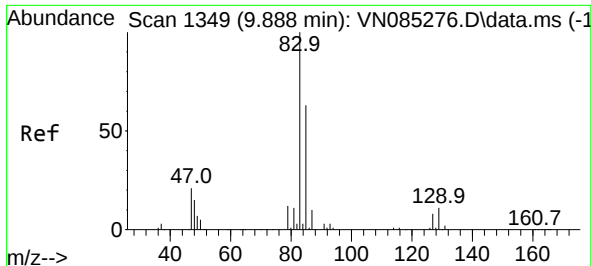
Ion Ratio Lower Upper

93 100

95 80.0 0.0 167.6

174 85.4 0.0 171.0

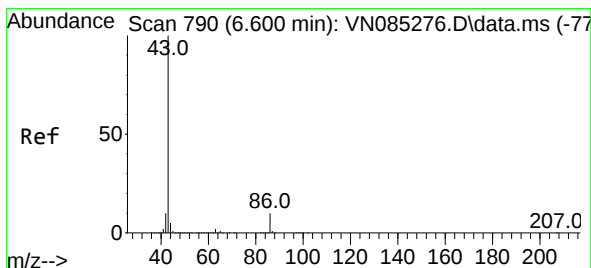
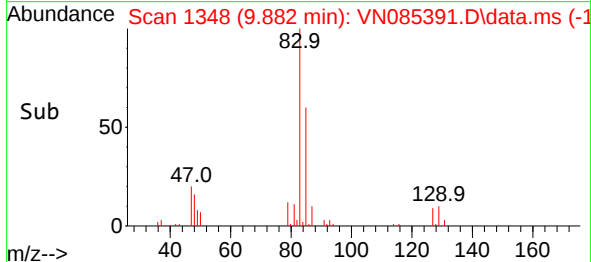
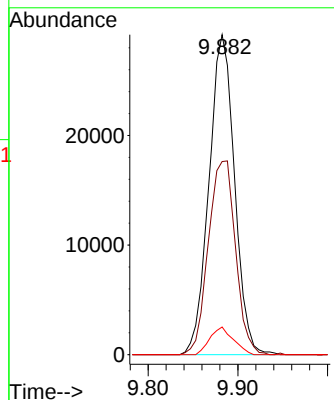
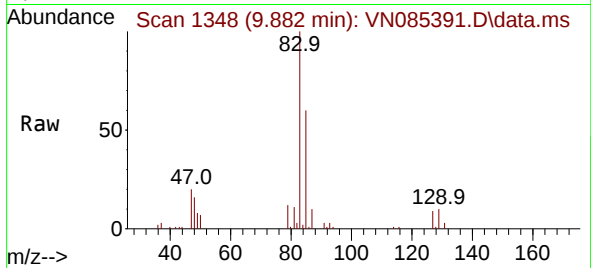




#41
Bromodichloromethane
Concen: 18.008 ug/l
RT: 9.882 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN085391.D
Acq: 07 Jan 2025 11:07

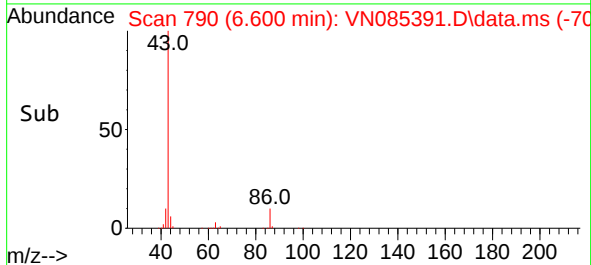
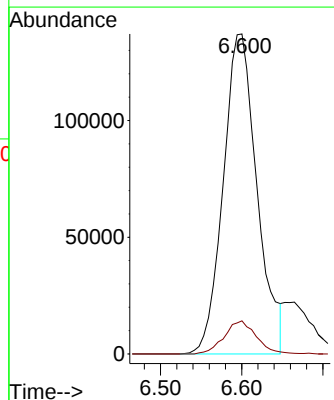
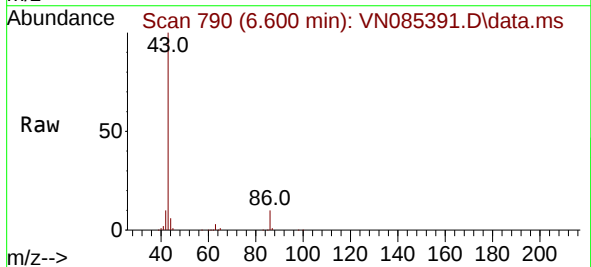
Instrument :
MSVOA_N
ClientSampleId :

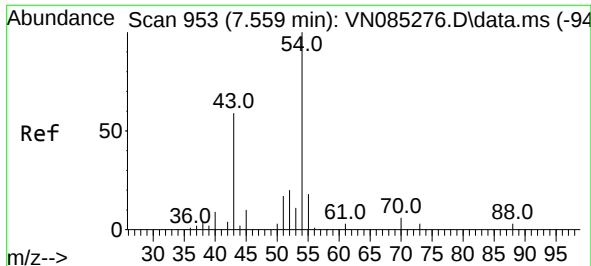
Tgt Ion: 83 Resp: 57736
Ion Ratio Lower Upper
83 100
85 60.4 50.1 75.1
127 8.6 5.8 8.6#



#42
Vinyl Acetate
Concen: 77.883 ug/l
RT: 6.600 min Scan# 790
Delta R.T. 0.000 min
Lab File: VN085391.D
Acq: 07 Jan 2025 11:07

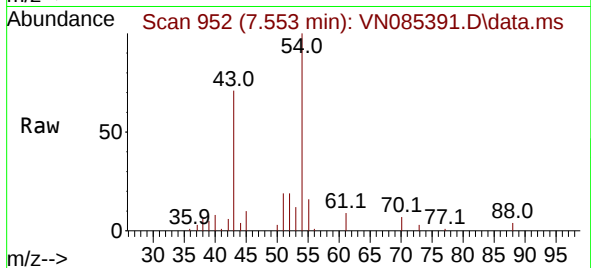
Tgt Ion: 43 Resp: 397042
Ion Ratio Lower Upper
43 100
86 9.8 7.9 11.9



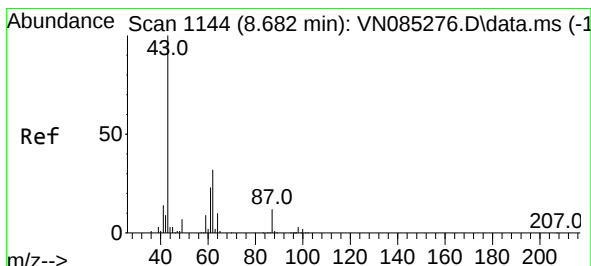
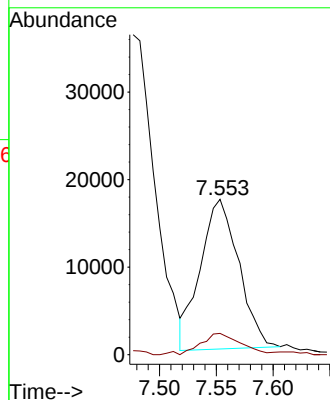
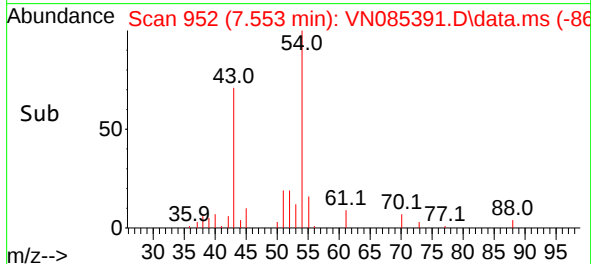


#43
Ethyl Acetate
Concen: 13.482 ug/l
RT: 7.553 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN085391.D
Acq: 07 Jan 2025 11:07

Instrument :
MSVOA_N
ClientSampleId :

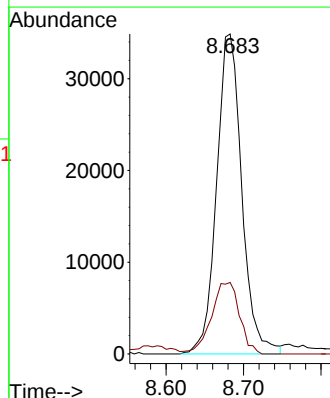
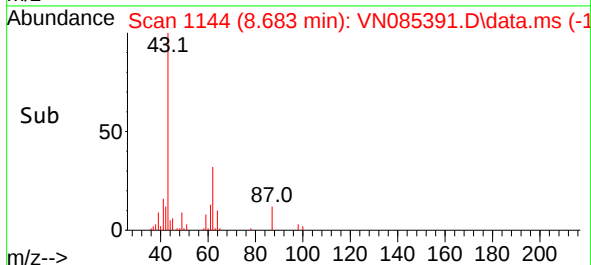
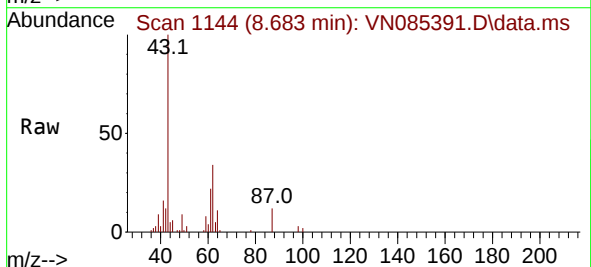


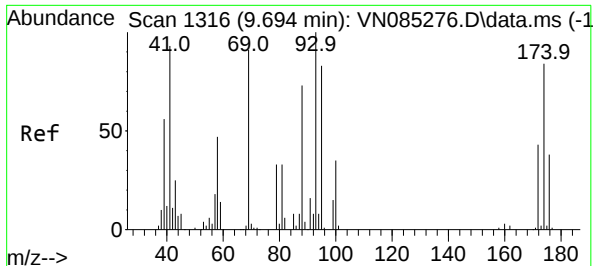
Tgt Ion: 43 Resp: 40266
Ion Ratio Lower Upper
43 100
45 14.3 11.9 17.9



#44
Isopropyl Acetate
Concen: 15.924 ug/l
RT: 8.683 min Scan# 1144
Delta R.T. -0.006 min
Lab File: VN085391.D
Acq: 07 Jan 2025 11:07

Tgt Ion: 43 Resp: 79009
Ion Ratio Lower Upper
43 100
61 25.0 19.7 29.5





#45

1,4-Dioxane

Concen: 235.395 ug/l

RT: 9.682 min Scan# 1314

Delta R.T. -0.006 min

Lab File: VN085391.D

Acq: 07 Jan 2025 11:07

Instrument :

MSVOA_N

ClientSampleId :

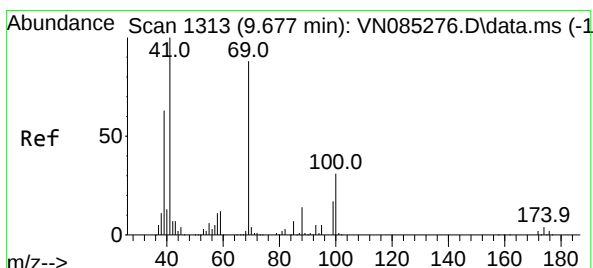
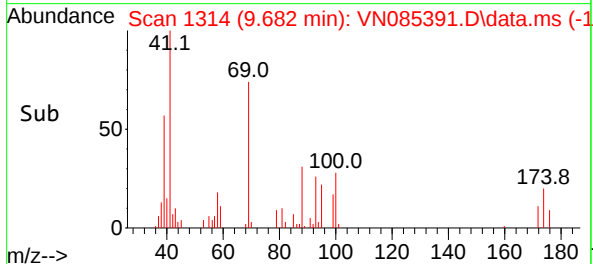
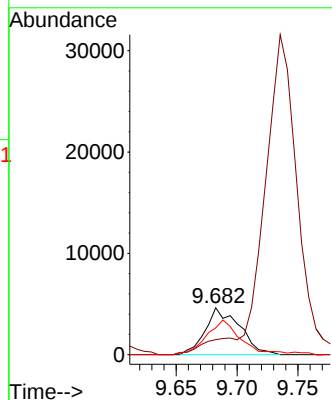
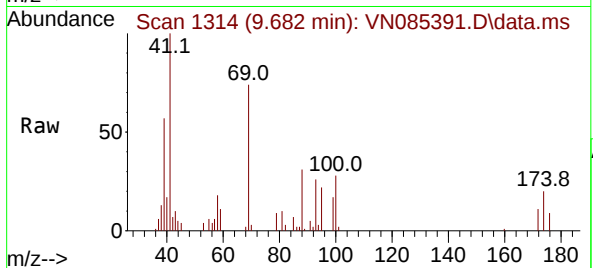
Tgt Ion: 88 Resp: 9084

Ion Ratio Lower Upper

88 100

43 36.9 25.4 38.2

58 69.8 58.5 87.7



#46

Methyl methacrylate

Concen: 14.424 ug/l

RT: 9.671 min Scan# 1312

Delta R.T. -0.012 min

Lab File: VN085391.D

Acq: 07 Jan 2025 11:07

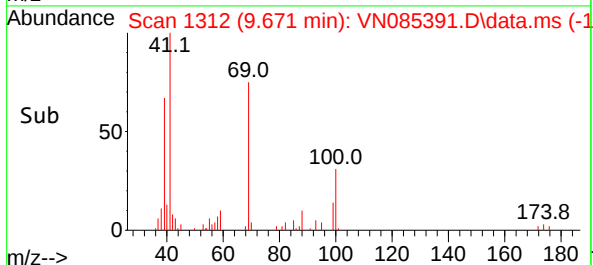
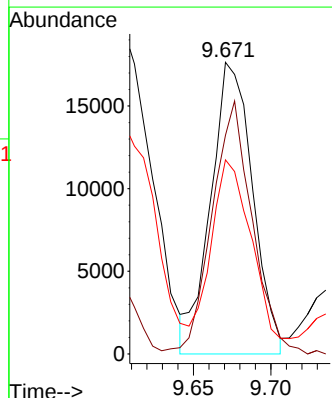
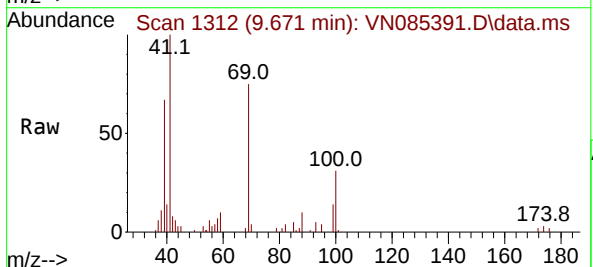
Tgt Ion: 41 Resp: 33219

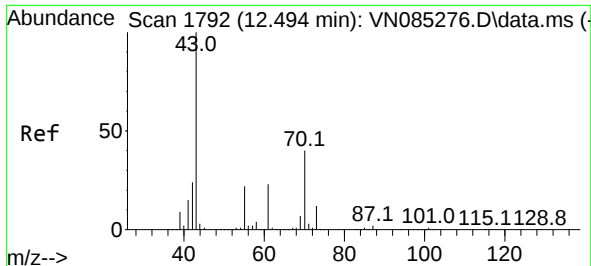
Ion Ratio Lower Upper

41 100

69 76.9 39.9 119.6

39 64.5 31.6 95.0

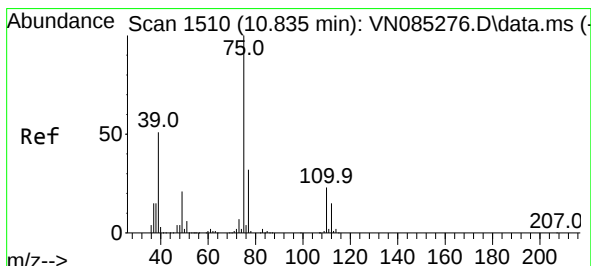
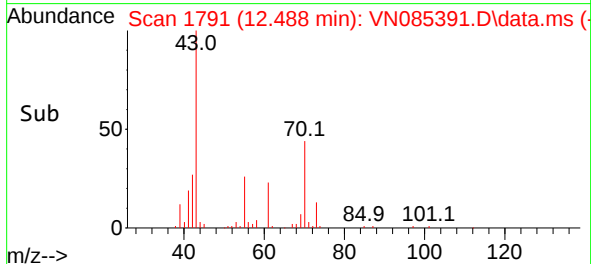
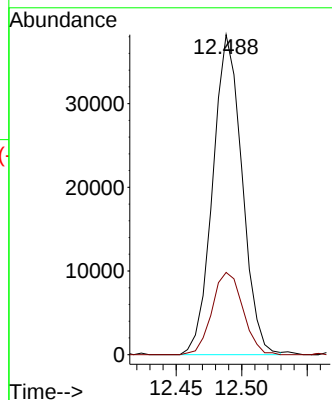
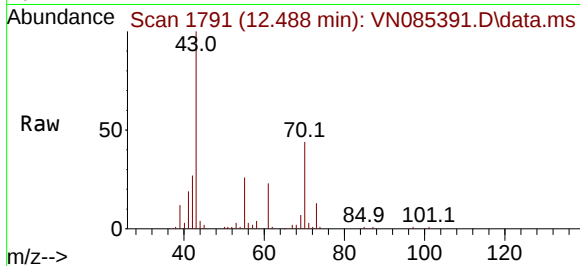




#47
n-amyl acetate
Concen: 14.061 ug/l
RT: 12.488 min Scan# 1791
Delta R.T. -0.006 min
Lab File: VN085391.D
Acq: 07 Jan 2025 11:07

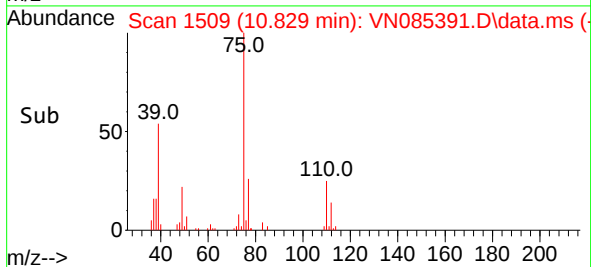
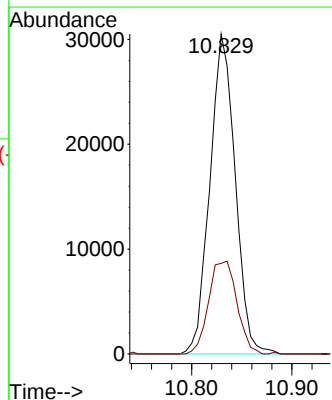
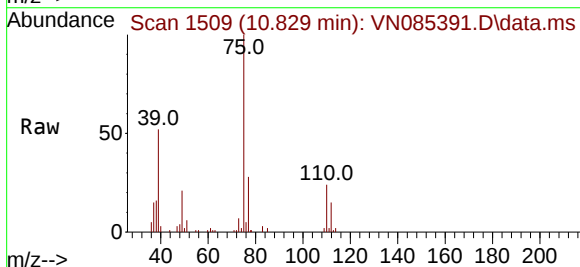
Instrument :
MSVOA_N
ClientSampleId :

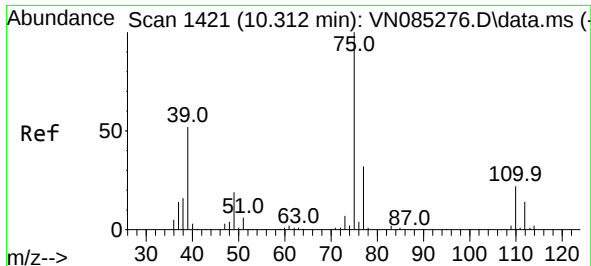
Tgt Ion: 43 Resp: 59431
Ion Ratio Lower Upper
43 100
55 27.0 21.3 31.9



#48
t-1,3-Dichloropropene
Concen: 16.912 ug/l
RT: 10.829 min Scan# 1509
Delta R.T. 0.000 min
Lab File: VN085391.D
Acq: 07 Jan 2025 11:07

Tgt Ion: 75 Resp: 53557
Ion Ratio Lower Upper
75 100
77 28.3 23.8 35.6

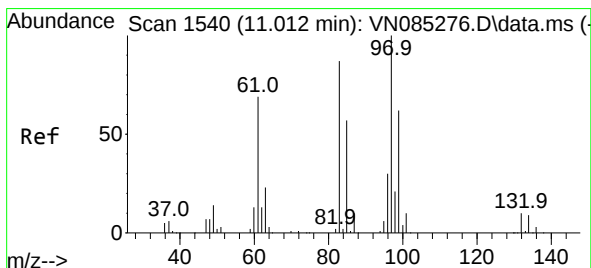
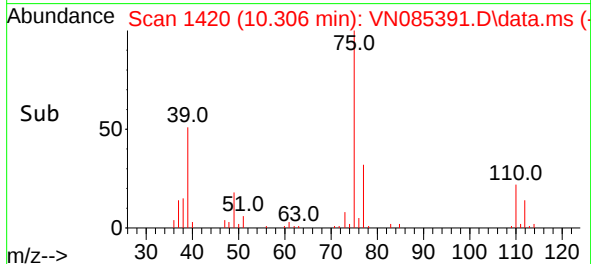
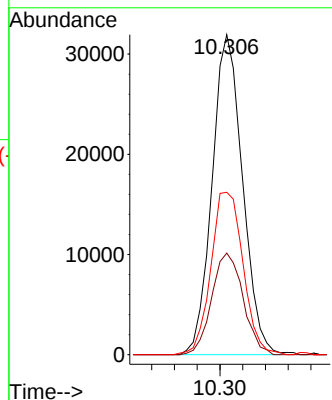
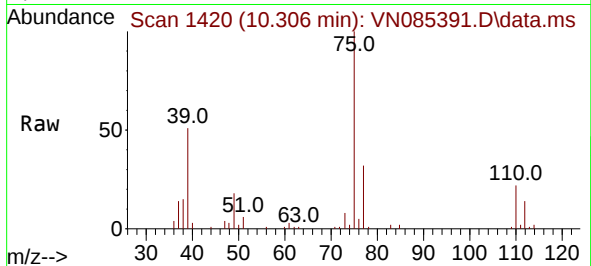




#49
 cis-1,3-Dichloropropene
 Concen: 17.438 ug/l
 RT: 10.306 min Scan# 1420
 Delta R.T. -0.006 min
 Lab File: VN085391.D
 Acq: 07 Jan 2025 11:07

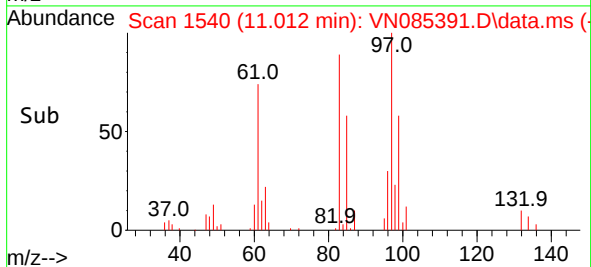
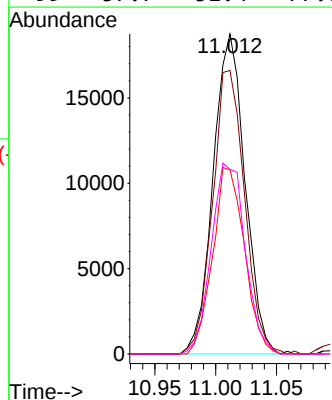
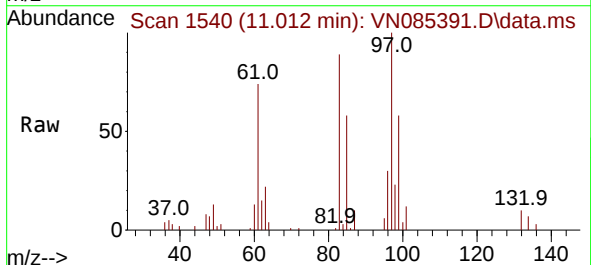
Instrument :
 MSVOA_N
 ClientSampleId :

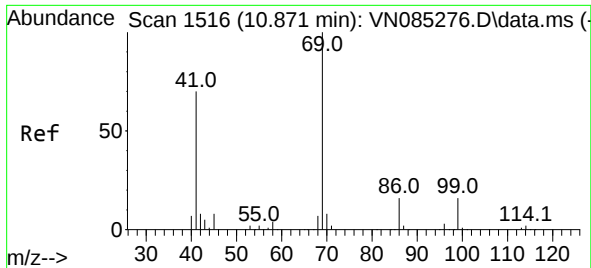
Tgt Ion:	75	Resp:	59368
Ion	Ratio	Lower	Upper
75	100		
77	31.8	26.6	40.0
39	50.3	41.9	62.9



#50
 1,1,2-Trichloroethane
 Concen: 17.000 ug/l
 RT: 11.012 min Scan# 1540
 Delta R.T. 0.000 min
 Lab File: VN085391.D
 Acq: 07 Jan 2025 11:07

Tgt Ion:	97	Resp:	34107
Ion	Ratio	Lower	Upper
97	100		
83	88.6	72.2	108.2
85	57.5	46.6	70.0
99	57.7	51.4	77.0

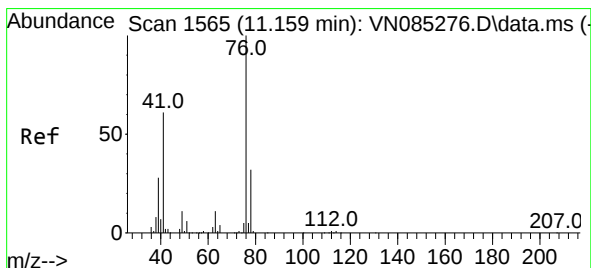
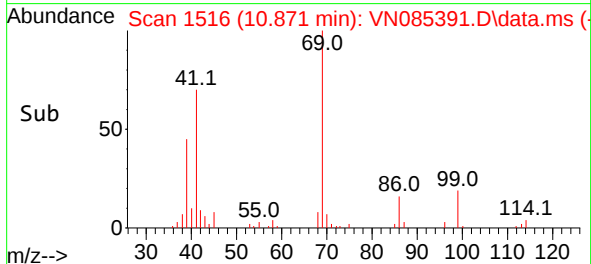
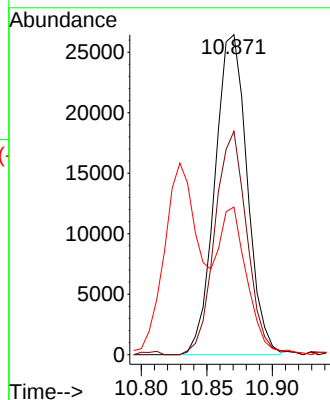
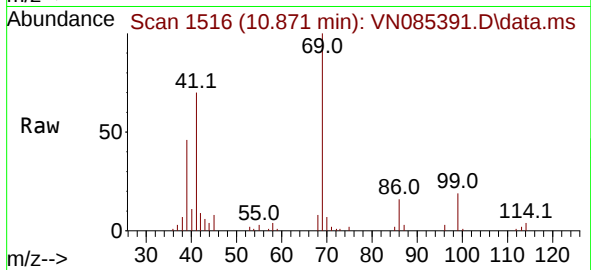




#51
Ethyl methacrylate
Concen: 14.928 ug/l
RT: 10.871 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN085391.D
Acq: 07 Jan 2025 11:07

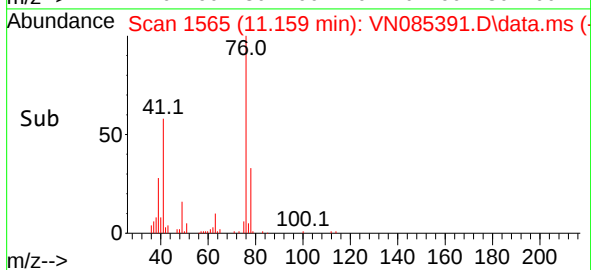
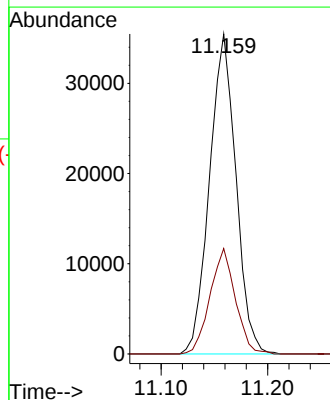
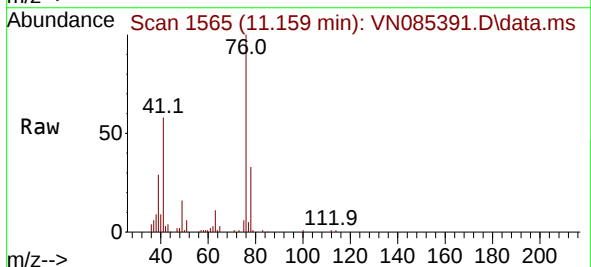
Instrument :
MSVOA_N
ClientSampleId :

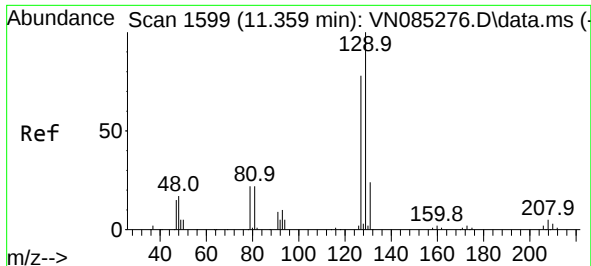
Tgt Ion: 69 Resp: 45299
Ion Ratio Lower Upper
69 100
41 69.8 38.1 114.5
39 45.0 24.1 72.2



#52
1,3-Dichloropropane
Concen: 17.434 ug/l
RT: 11.159 min Scan# 1565
Delta R.T. 0.000 min
Lab File: VN085391.D
Acq: 07 Jan 2025 11:07

Tgt Ion: 76 Resp: 61058
Ion Ratio Lower Upper
76 100
78 31.7 0.0 66.2

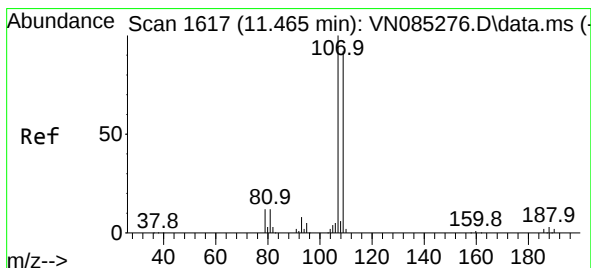
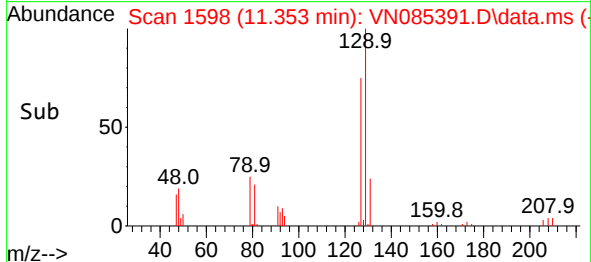
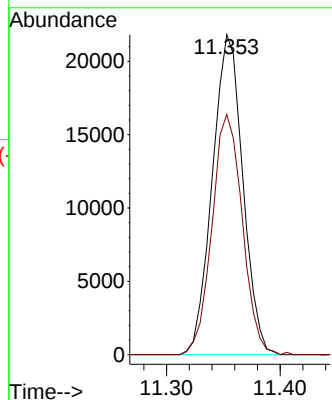
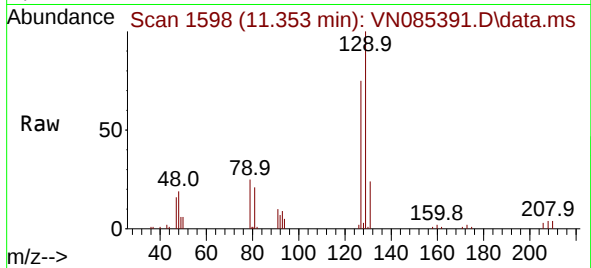




#53
Dibromochloromethane
Concen: 17.312 ug/l
RT: 11.353 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN085391.D
Acq: 07 Jan 2025 11:07

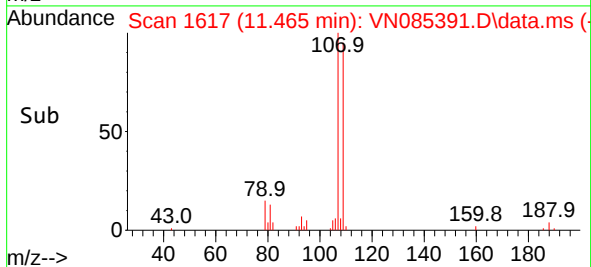
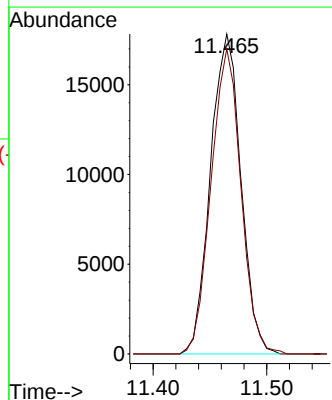
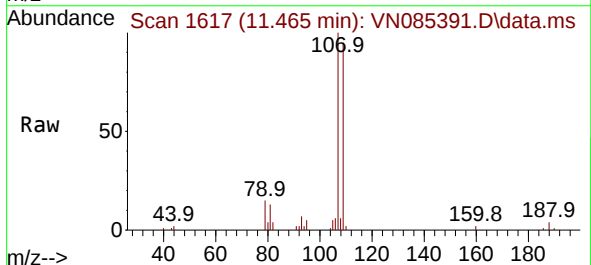
Instrument :
MSVOA_N
ClientSampleId :

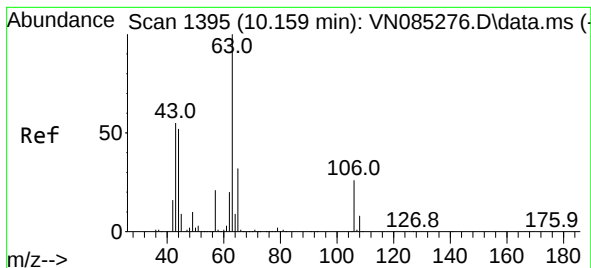
Tgt Ion:129 Resp: 40698
Ion Ratio Lower Upper
129 100
127 74.5 38.1 114.3



#54
1,2-Dibromoethane
Concen: 17.080 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. 0.000 min
Lab File: VN085391.D
Acq: 07 Jan 2025 11:07

Tgt Ion:107 Resp: 33163
Ion Ratio Lower Upper
107 100
109 93.6 76.2 114.4

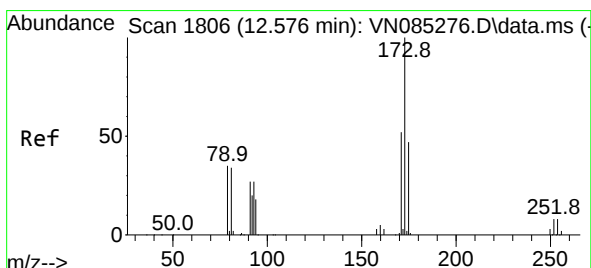
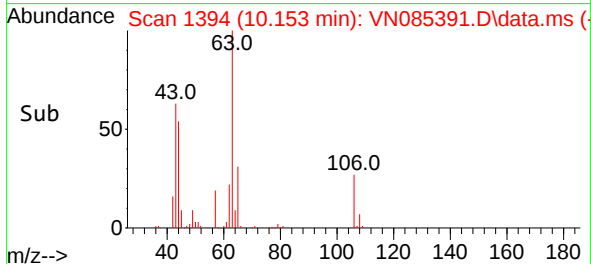
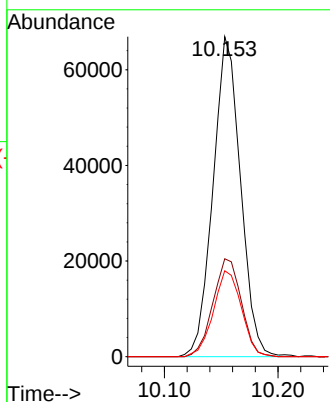
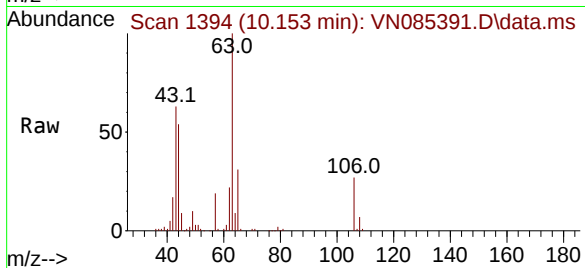




#55
2-Chloroethyl vinyl ether
Concen: 71.836 ug/l
RT: 10.153 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN085391.D
Acq: 07 Jan 2025 11:07

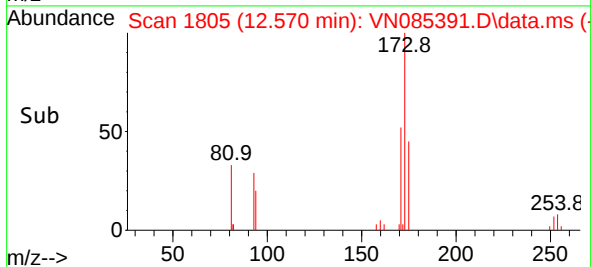
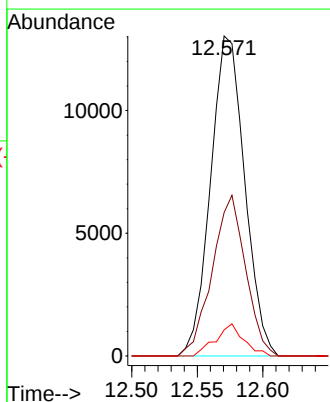
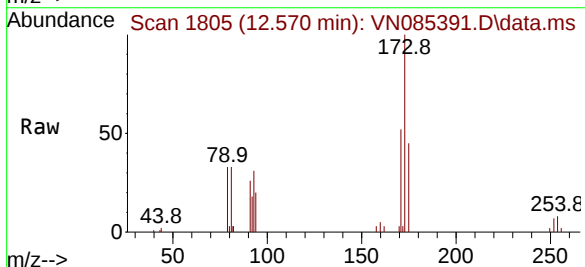
Instrument :
MSVOA_N
ClientSampleId :

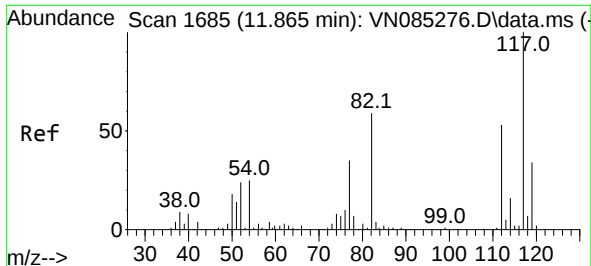
Tgt Ion: 63 Resp: 112288
Ion Ratio Lower Upper
63 100
65 31.6 25.9 38.9
106 27.4 21.2 31.8



#56
Bromoform
Concen: 15.386 ug/l
RT: 12.570 min Scan# 1805
Delta R.T. -0.006 min
Lab File: VN085391.D
Acq: 07 Jan 2025 11:07

Tgt Ion:173 Resp: 23597
Ion Ratio Lower Upper
173 100
175 49.1 39.4 59.2
254 8.3 7.2 10.8





#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 11.859 min Scan# 1

Delta R.T. -0.006 min

Lab File: VN085391.D

Acq: 07 Jan 2025 11:07

Instrument :

MSVOA_N

ClientSampleId :

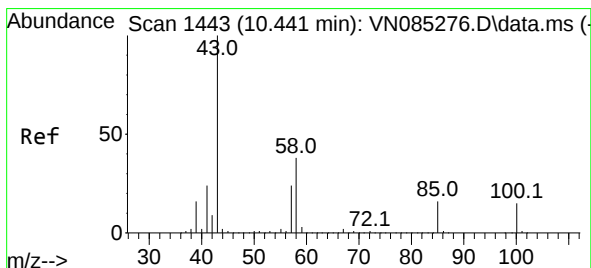
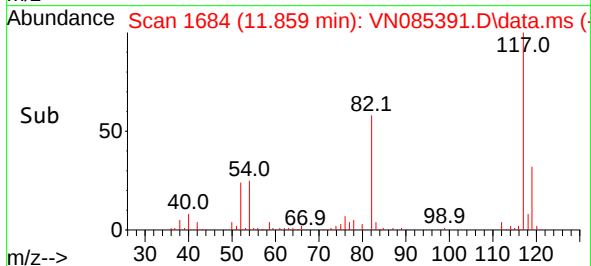
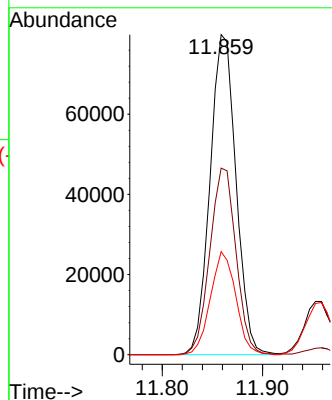
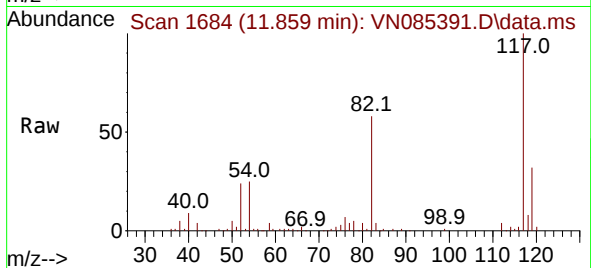
Tgt Ion:117 Resp: 144288

Ion Ratio Lower Upper

117 100

82 58.7 47.4 71.0

119 31.4 25.3 37.9



#58

4-Methyl-2-Pentanone

Concen: 73.648 ug/l

RT: 10.441 min Scan# 1443

Delta R.T. 0.000 min

Lab File: VN085391.D

Acq: 07 Jan 2025 11:07

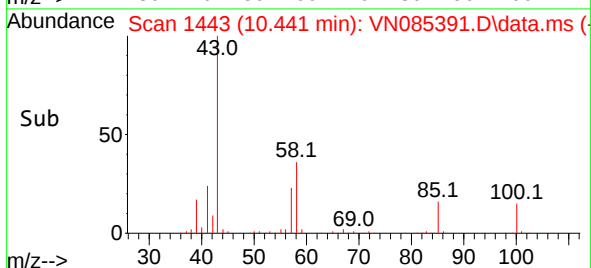
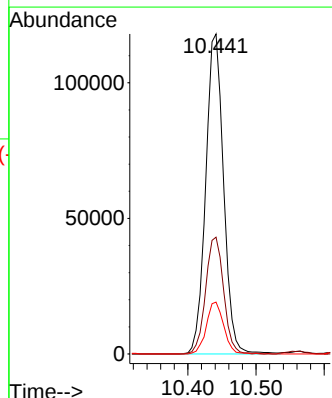
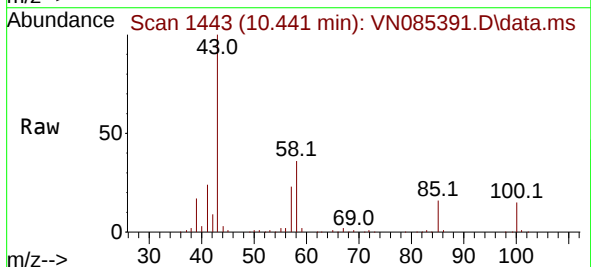
Tgt Ion: 43 Resp: 215425

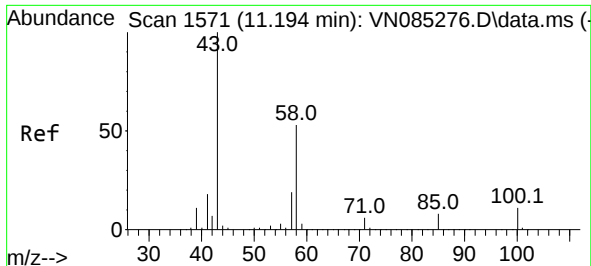
Ion Ratio Lower Upper

43 100

58 36.8 29.2 43.8

85 15.7 12.8 19.2

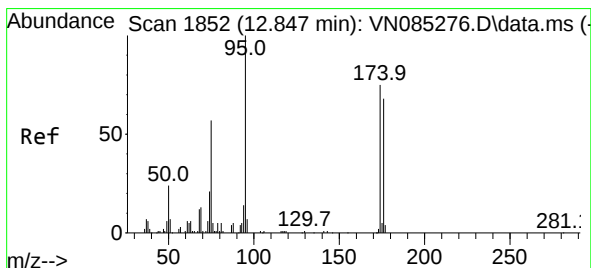
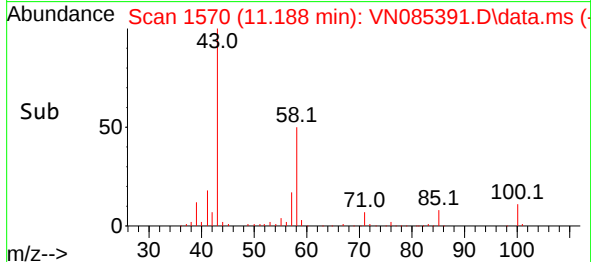
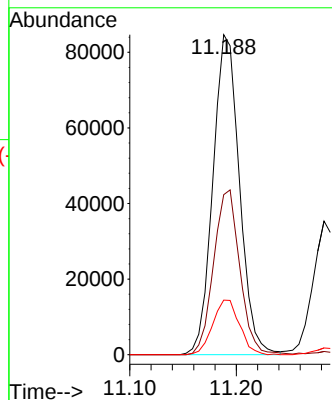
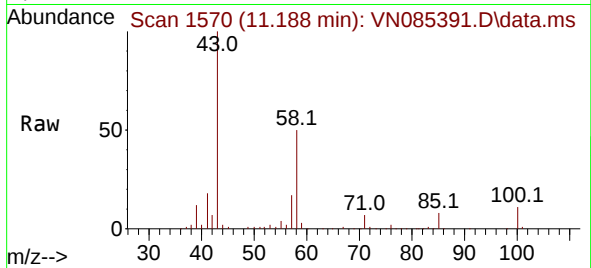




#59
2-Hexanone
Concen: 68.971 ug/l
RT: 11.188 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN085391.D
Acq: 07 Jan 2025 11:07

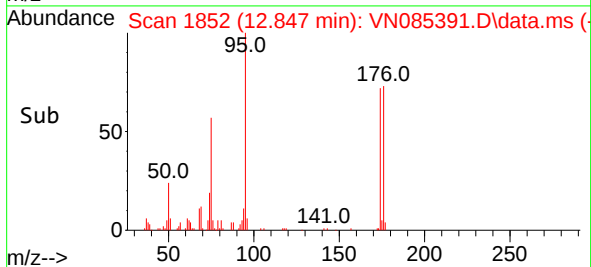
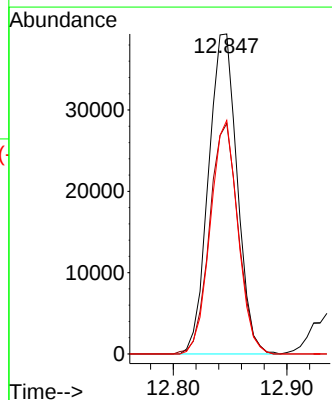
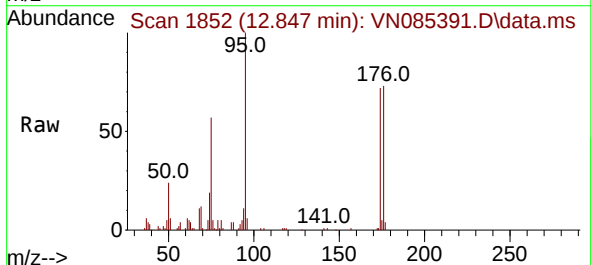
Instrument :
MSVOA_N
ClientSampleId :

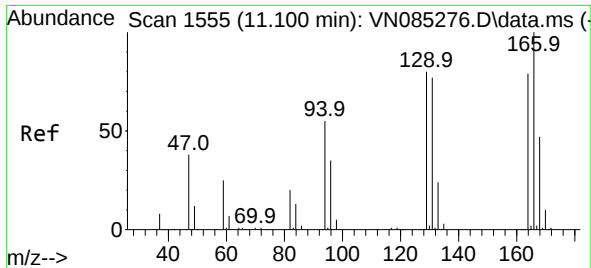
Tgt Ion: 43 Resp: 146559
Ion Ratio Lower Upper
43 100
58 50.8 40.2 60.4
57 17.2 14.2 21.4



#60
4-Bromofluorobenzene
Concen: 29.566 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN085391.D
Acq: 07 Jan 2025 11:07

Tgt Ion: 95 Resp: 69102
Ion Ratio Lower Upper
95 100
174 71.9 57.8 86.8
176 69.8 57.1 85.7

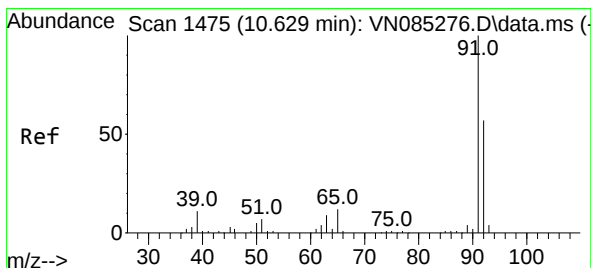
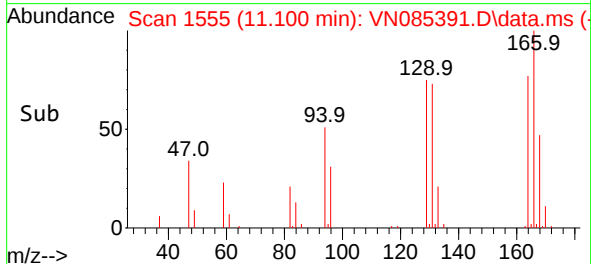
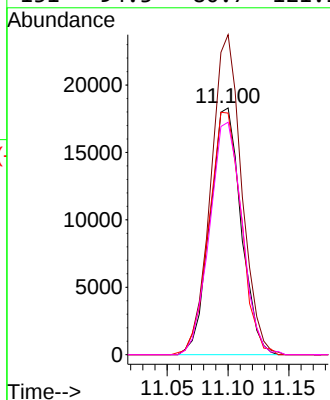
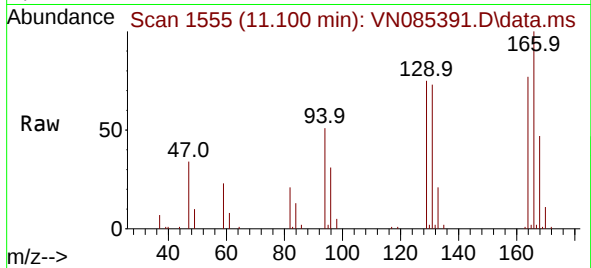




#61
Tetrachloroethene
Concen: 20.198 ug/l
RT: 11.100 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN085391.D
Acq: 07 Jan 2025 11:07

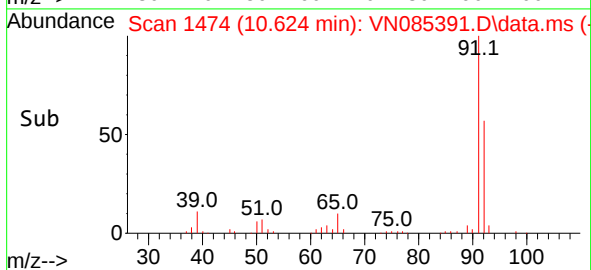
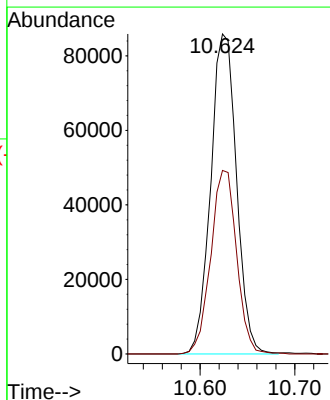
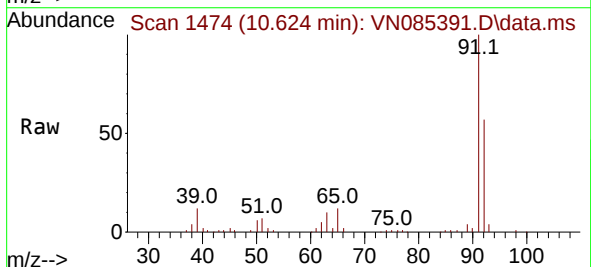
Instrument :
MSVOA_N
ClientSampleId :

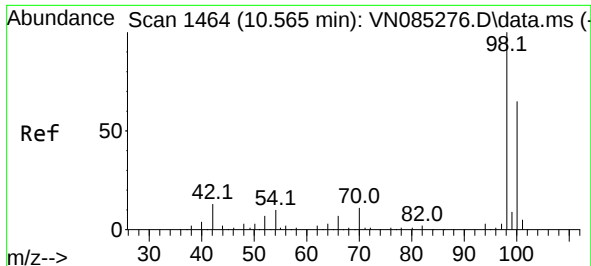
Tgt Ion:164 Resp: 32534
Ion Ratio Lower Upper
164 100
166 129.7 109.0 163.4
129 97.9 85.1 127.7
131 94.3 80.7 121.1



#62
Toluene
Concen: 18.362 ug/l
RT: 10.624 min Scan# 1474
Delta R.T. -0.006 min
Lab File: VN085391.D
Acq: 07 Jan 2025 11:07

Tgt Ion: 91 Resp: 162770
Ion Ratio Lower Upper
91 100
92 57.5 45.9 68.9

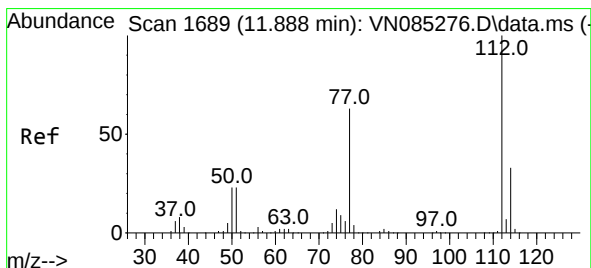
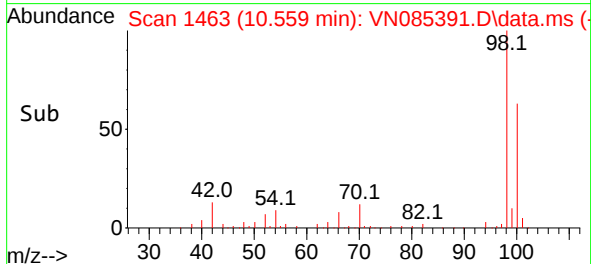
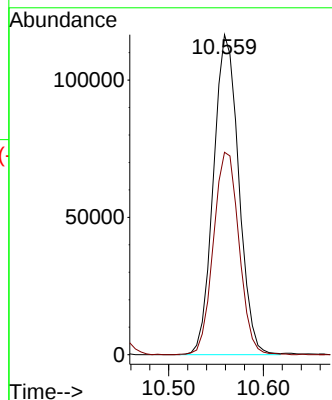
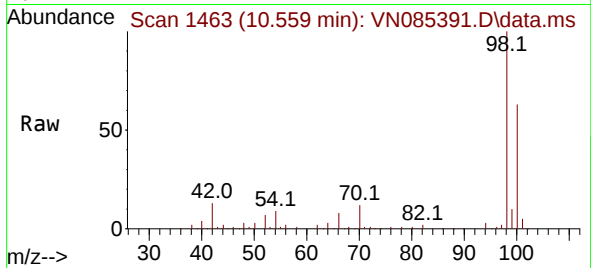




#63
Toluene-d8
Concen: 30.706 ug/l
RT: 10.559 min Scan# 1463
Delta R.T. -0.006 min
Lab File: VN085391.D
Acq: 07 Jan 2025 11:07

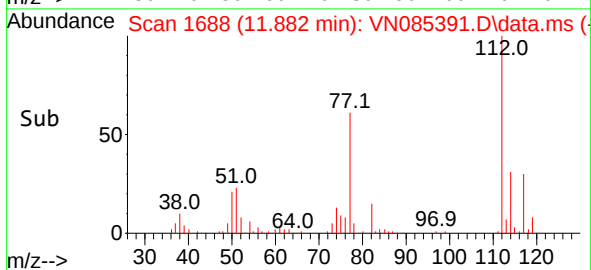
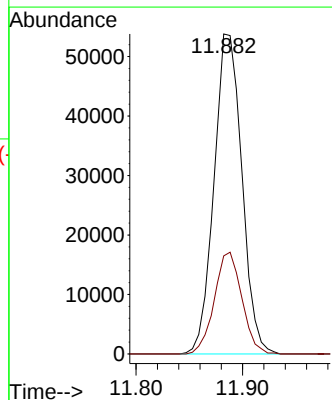
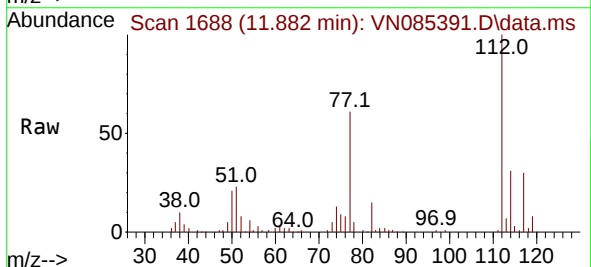
Instrument :
MSVOA_N
ClientSampleId :

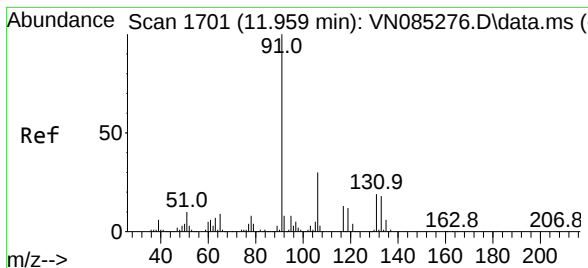
Tgt Ion: 98 Resp: 216343
Ion Ratio Lower Upper
98 100
100 64.1 50.8 76.2



#64
Chlorobenzene
Concen: 18.277 ug/l
RT: 11.882 min Scan# 1688
Delta R.T. -0.006 min
Lab File: VN085391.D
Acq: 07 Jan 2025 11:07

Tgt Ion: 112 Resp: 97712
Ion Ratio Lower Upper
112 100
114 30.6 26.4 39.6





#65

1,1,1,2-Tetrachloroethane

Concen: 18.405 ug/l

RT: 11.953 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN085391.D

Acq: 07 Jan 2025 11:07

Instrument :

MSVOA_N

ClientSampleId :

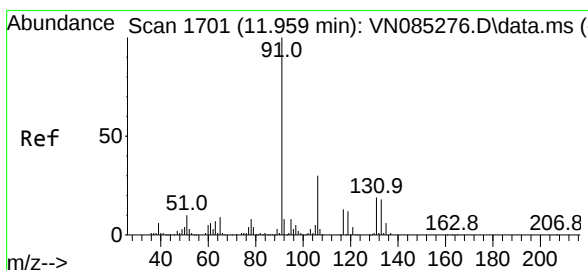
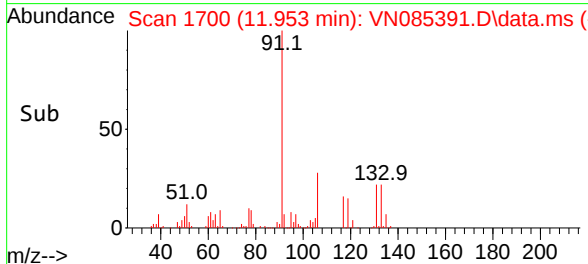
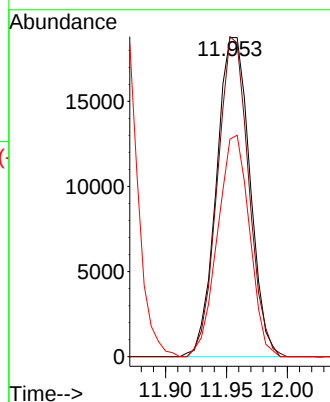
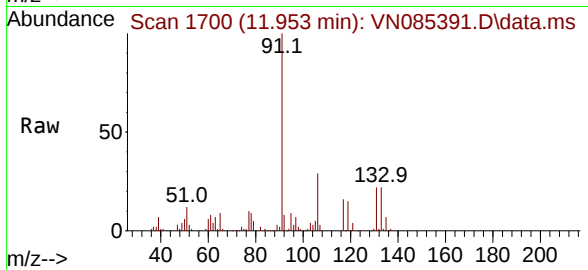
Tgt Ion:131 Resp: 35685

Ion Ratio Lower Upper

131 100

133 94.1 0.0 189.4

119 66.5 0.0 135.0



#66

Ethyl Benzene

Concen: 17.366 ug/l

RT: 11.959 min Scan# 1701

Delta R.T. -0.006 min

Lab File: VN085391.D

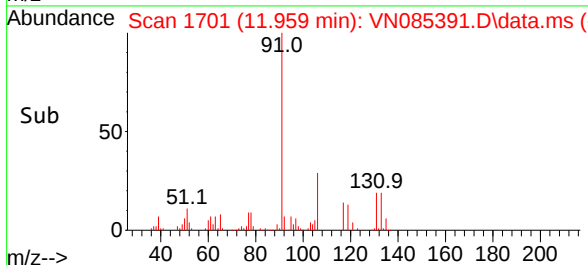
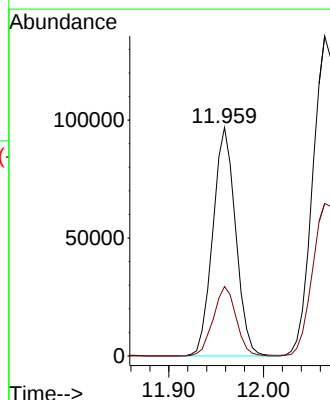
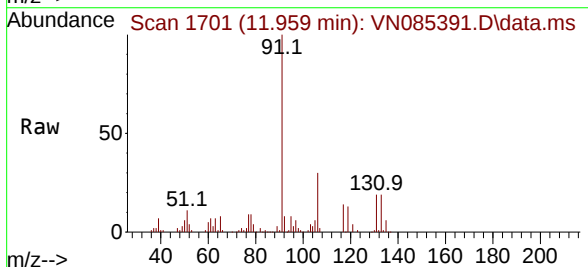
Acq: 07 Jan 2025 11:07

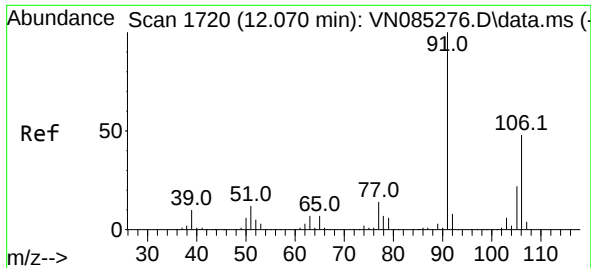
Tgt Ion: 91 Resp: 161981

Ion Ratio Lower Upper

91 100

106 30.4 23.2 34.8

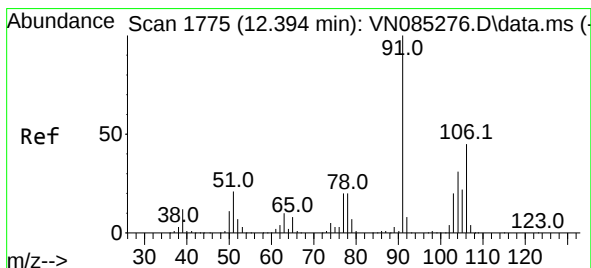
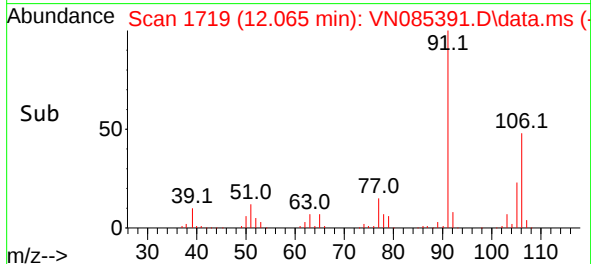
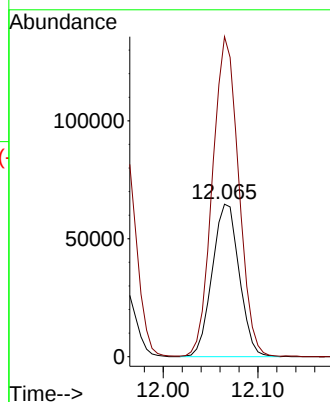
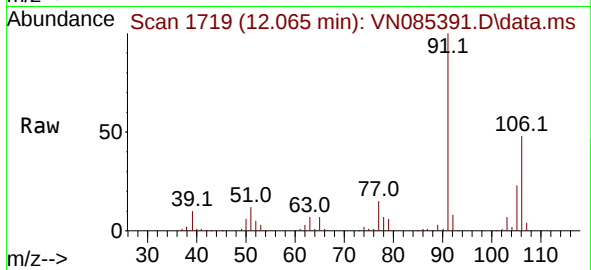




#67
m/p-Xylenes
Concen: 36.650 ug/l
RT: 12.065 min Scan# 1719
Delta R.T. -0.006 min
Lab File: VN085391.D
Acq: 07 Jan 2025 11:07

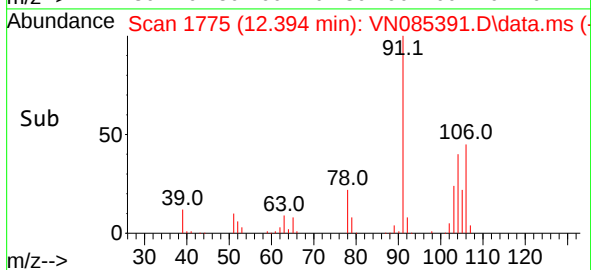
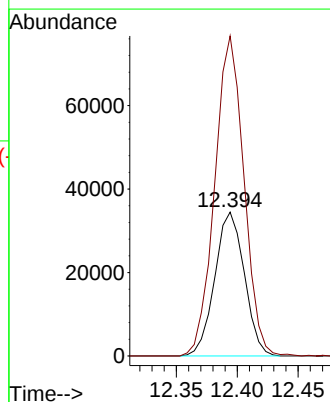
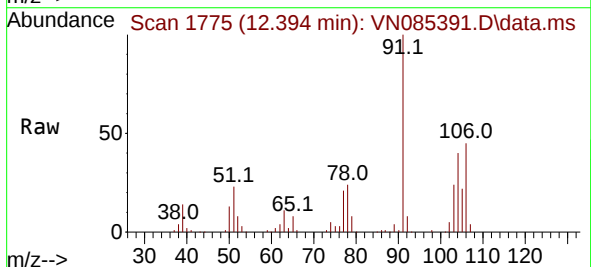
Instrument :
MSVOA_N
ClientSampleId :

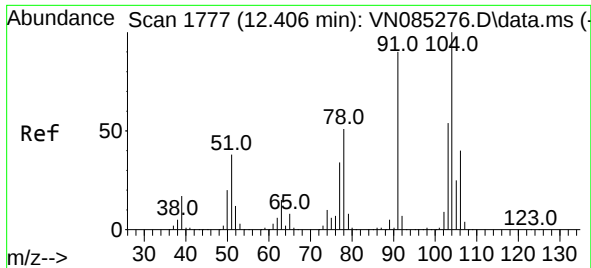
Tgt Ion:106 Resp: 128248
Ion Ratio Lower Upper
106 100
91 203.7 167.0 250.4



#68
o-Xylene
Concen: 17.460 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN085391.D
Acq: 07 Jan 2025 11:07

Tgt Ion:106 Resp: 58197
Ion Ratio Lower Upper
106 100
91 219.8 110.6 331.8

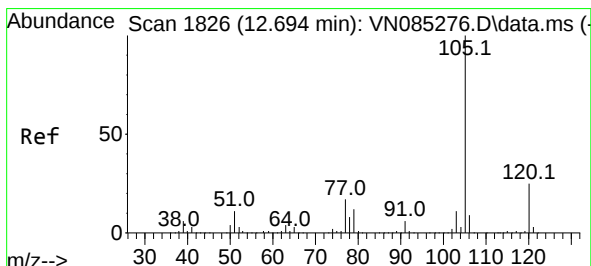
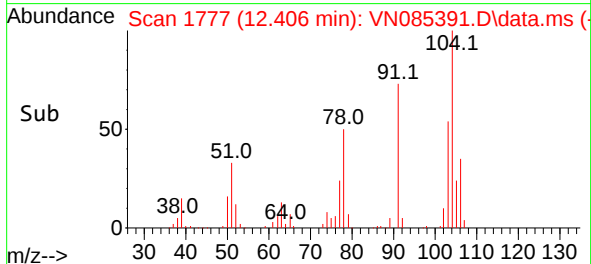
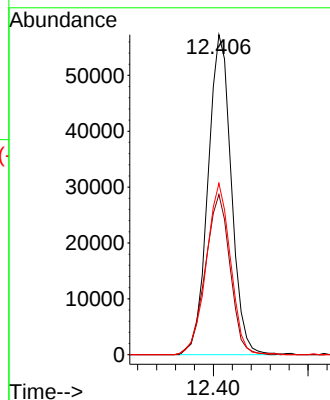
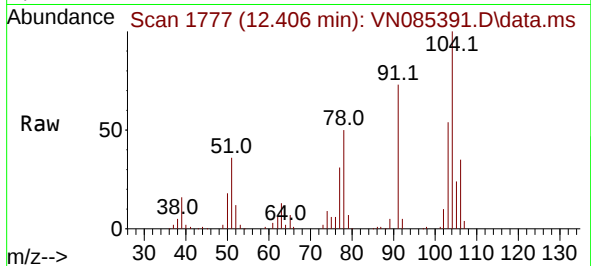




#69
Styrene
Concen: 17.400 ug/l
RT: 12.406 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN085391.D
Acq: 07 Jan 2025 11:07

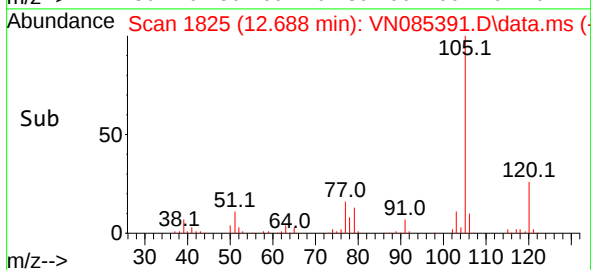
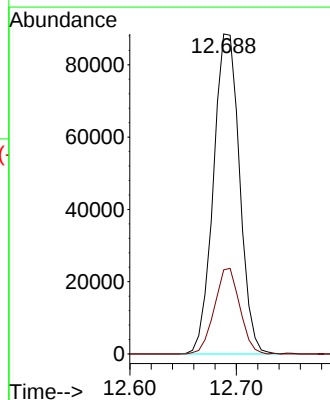
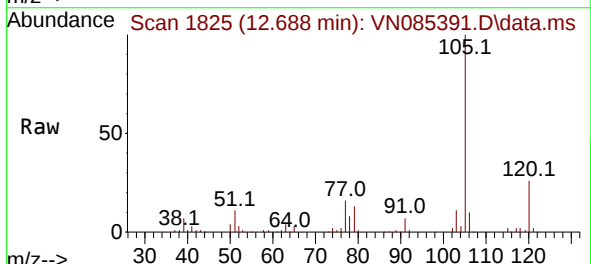
Instrument :
MSVOA_N
ClientSampleId :

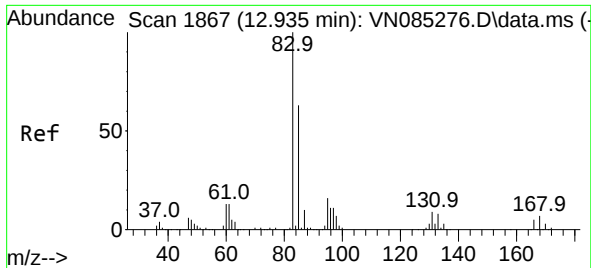
Tgt Ion:104 Resp: 98012
Ion Ratio Lower Upper
104 100
78 53.0 41.0 61.4
103 55.6 44.8 67.2



#70
Isopropylbenzene
Concen: 18.020 ug/l
RT: 12.688 min Scan# 1825
Delta R.T. -0.006 min
Lab File: VN085391.D
Acq: 07 Jan 2025 11:07

Tgt Ion:105 Resp: 150813
Ion Ratio Lower Upper
105 100
120 25.9 18.4 34.2

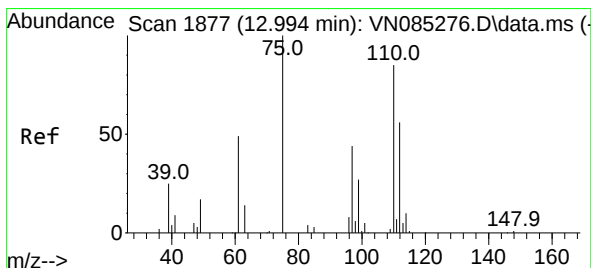
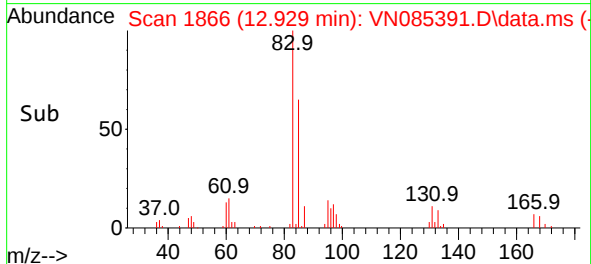
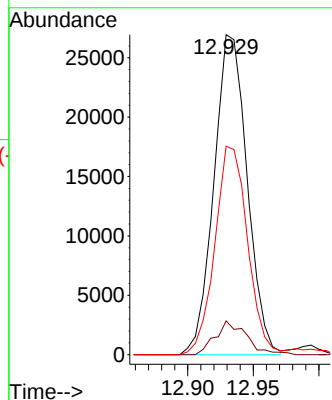
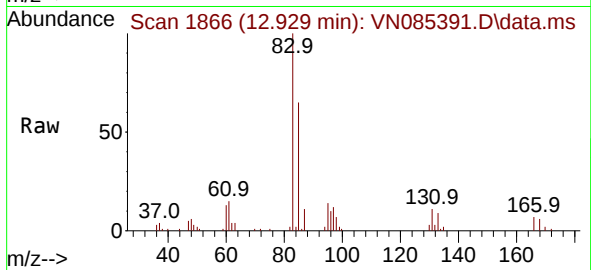




#71
 1,1,2,2-Tetrachloroethane
 Concen: 16.006 ug/l
 RT: 12.929 min Scan# 1866
 Delta R.T. -0.006 min
 Lab File: VN085391.D
 Acq: 07 Jan 2025 11:07

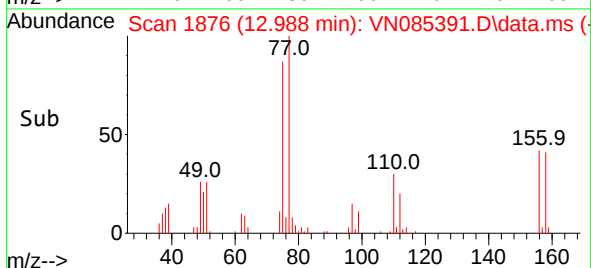
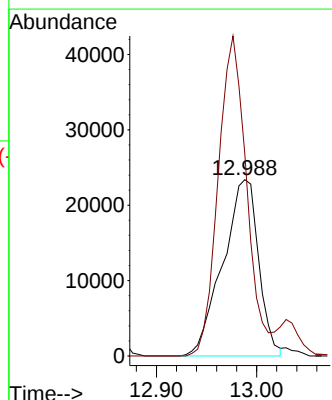
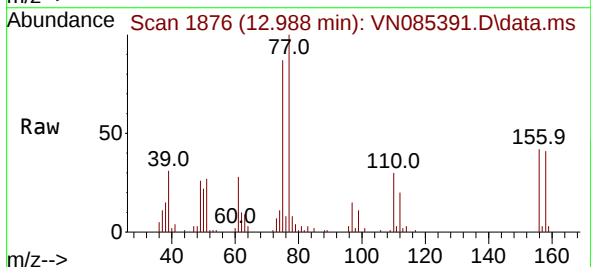
Instrument :
 MSVOA_N
 ClientSampleId :

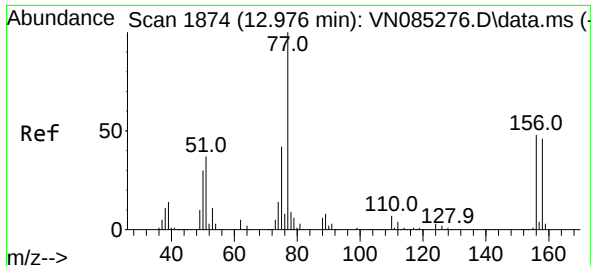
Tgt Ion: 83 Resp: 47513
 Ion Ratio Lower Upper
 83 100
 131 9.9 5.0 15.0
 85 63.9 33.0 98.9



#72
 1,2,3-Trichloropropane
 Concen: 22.973 ug/l
 RT: 12.988 min Scan# 1876
 Delta R.T. -0.006 min
 Lab File: VN085391.D
 Acq: 07 Jan 2025 11:07

Tgt Ion: 75 Resp: 58040
 Ion Ratio Lower Upper
 75 100
 77 142.9 0.0 407.2

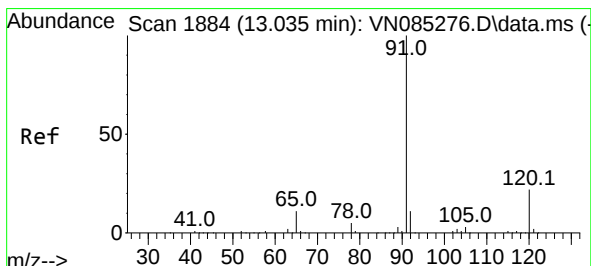
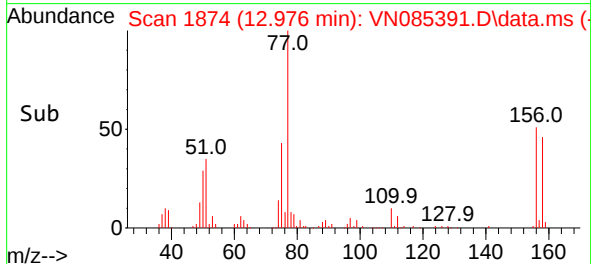
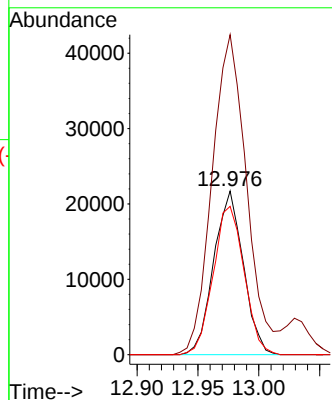
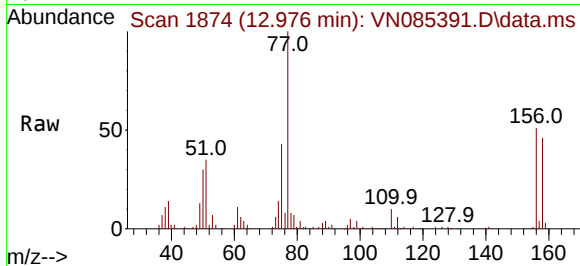




#73
Bromobenzene
Concen: 17.709 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. 0.000 min
Lab File: VN085391.D
Acq: 07 Jan 2025 11:07

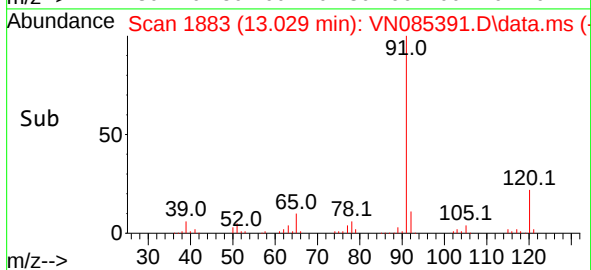
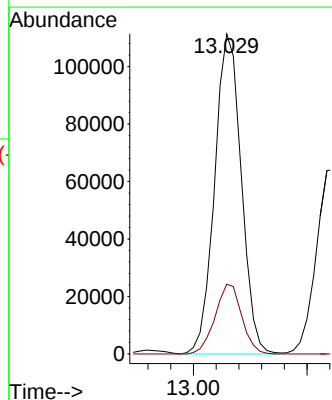
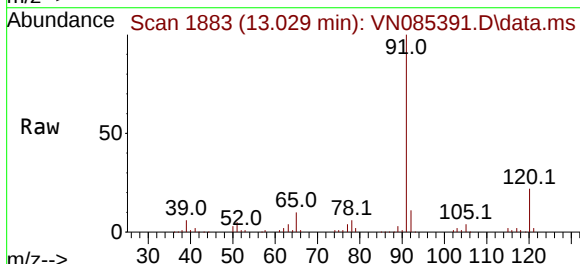
Instrument :
MSVOA_N
ClientSampleId :

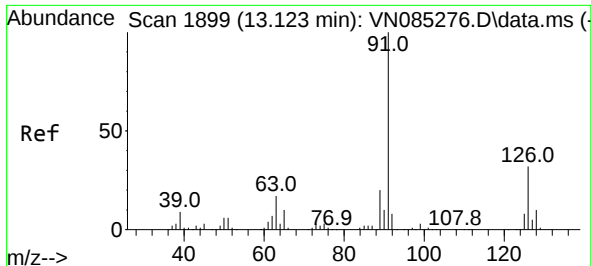
Tgt Ion	Ratio	Lower	Upper
156	100		
77	226.5	0.0	462.6
158	94.9	0.0	186.4



#74
n-propylbenzene
Concen: 17.396 ug/l
RT: 13.029 min Scan# 1883
Delta R.T. -0.006 min
Lab File: VN085391.D
Acq: 07 Jan 2025 11:07

Tgt Ion	Ratio	Lower	Upper
91	100		
120	21.8	0.0	41.4

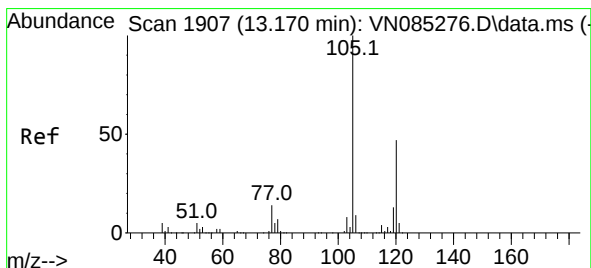
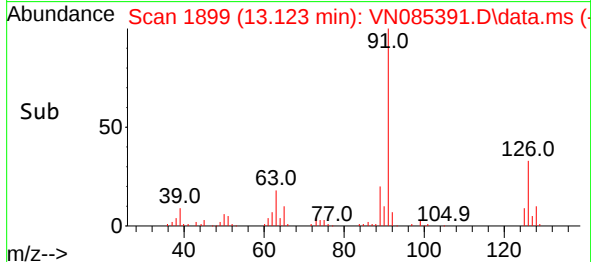
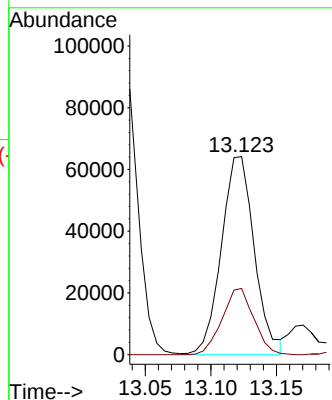
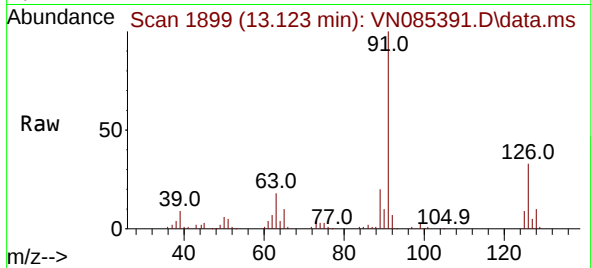




#75
2-Chlorotoluene
Concen: 17.886 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VN085391.D
Acq: 07 Jan 2025 11:07

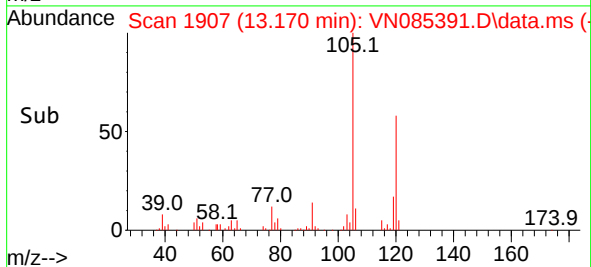
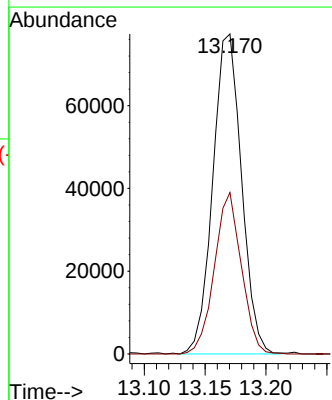
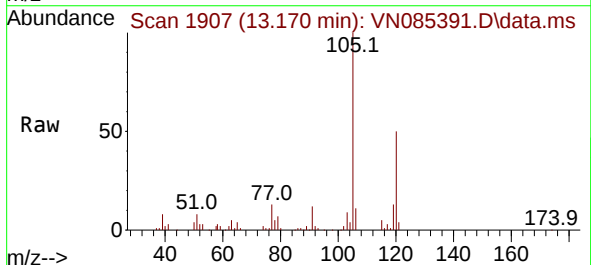
Instrument :
MSVOA_N
ClientSampleId :

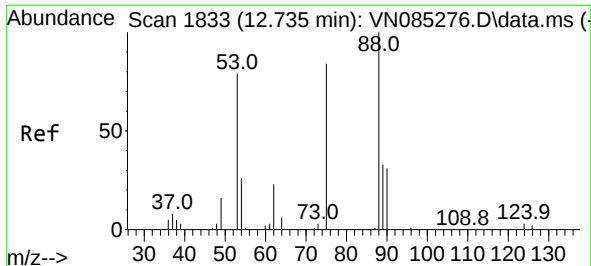
Tgt Ion: 91 Resp: 112348
Ion Ratio Lower Upper
91 100
126 32.1 0.0 65.0



#76
1,3,5-Trimethylbenzene
Concen: 17.766 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VN085391.D
Acq: 07 Jan 2025 11:07

Tgt Ion:105 Resp: 126875
Ion Ratio Lower Upper
105 100
120 47.3 0.0 95.0





#77

t-1,4-Dichloro-2-butene

Concen: 14.228 ug/l

RT: 12.729 min Scan# 1832

Delta R.T. -0.006 min

Lab File: VN085391.D

Acq: 07 Jan 2025 11:07

Instrument :

MSVOA_N

ClientSampleId :

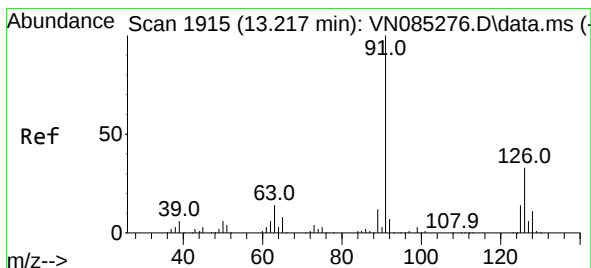
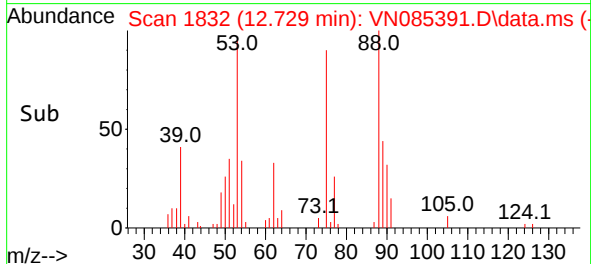
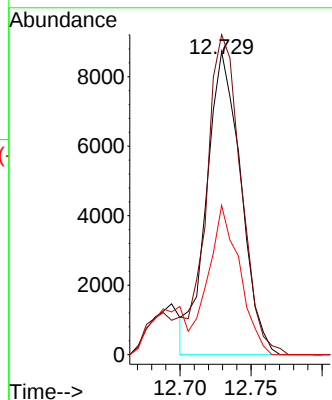
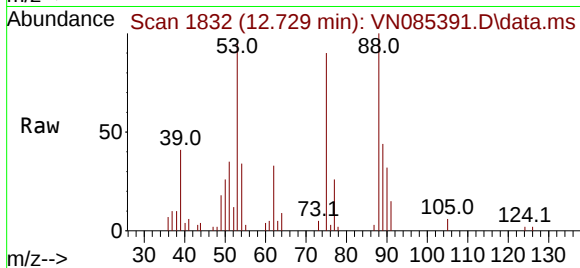
Tgt Ion: 75 Resp: 14691

Ion Ratio Lower Upper

75 100

53 103.6 54.9 164.5

89 49.3 22.8 68.3



#78

4-Chlorotoluene

Concen: 17.483 ug/l

RT: 13.218 min Scan# 1915

Delta R.T. 0.000 min

Lab File: VN085391.D

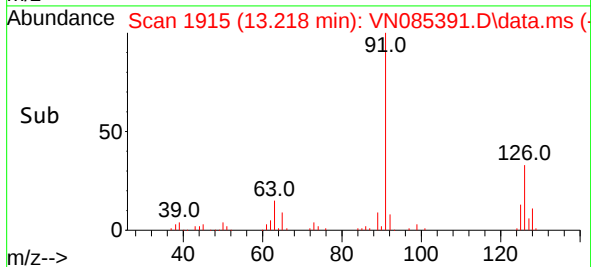
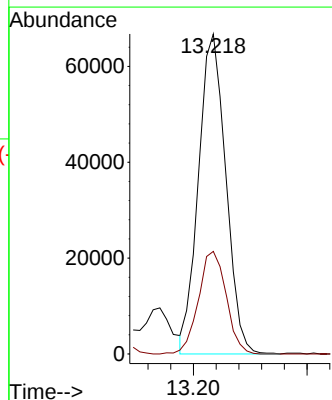
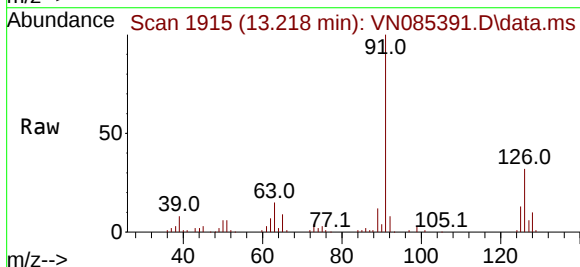
Acq: 07 Jan 2025 11:07

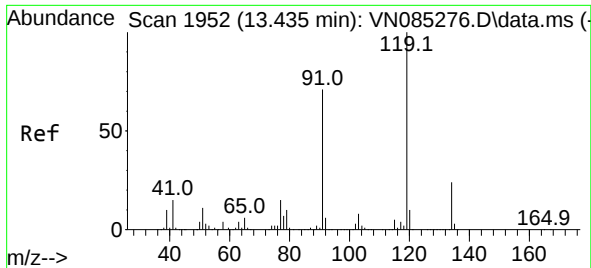
Tgt Ion: 91 Resp: 111652

Ion Ratio Lower Upper

91 100

126 32.5 0.0 63.6

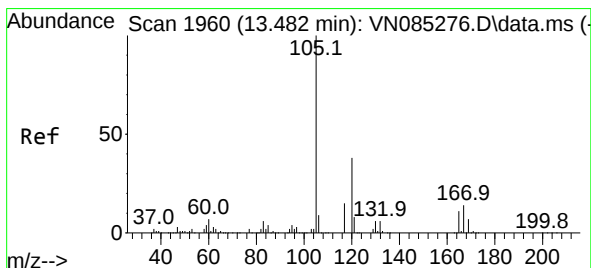
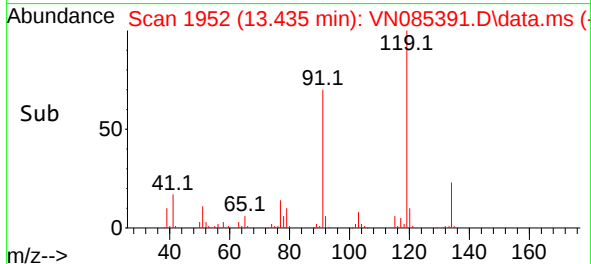
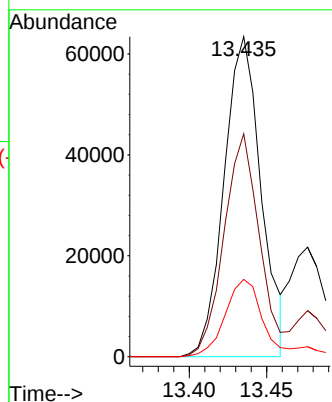
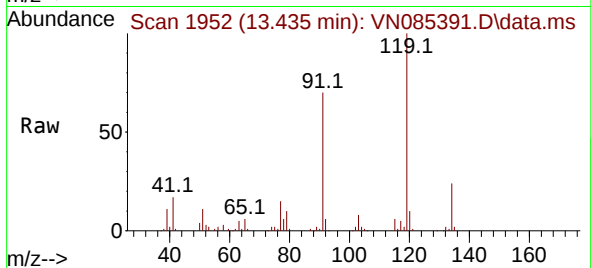




#79
tert-butylbenzene
Concen: 18.052 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. 0.000 min
Lab File: VN085391.D
Acq: 07 Jan 2025 11:07

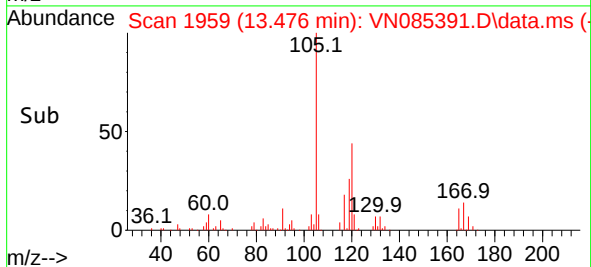
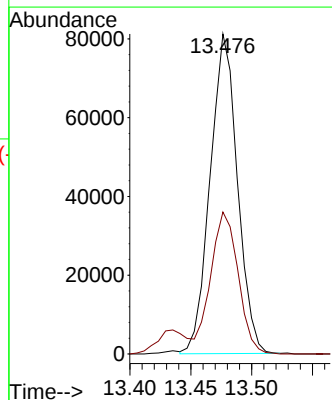
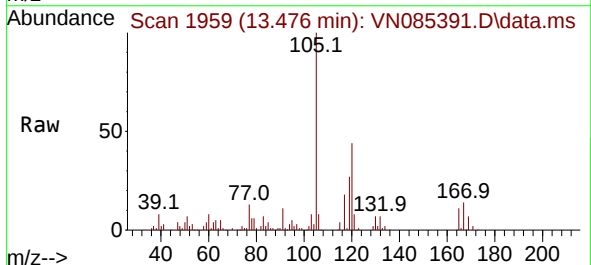
Instrument :
MSVOA_N
ClientSampleId :

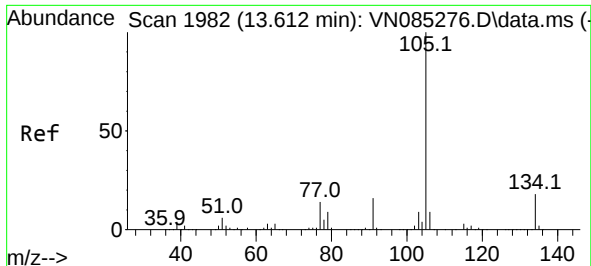
Tgt Ion:119 Resp: 105426
Ion Ratio Lower Upper
119 100
91 66.2 0.0 142.0
134 24.0 0.0 49.0



#80
1,2,4-Trimethylbenzene
Concen: 17.805 ug/l
RT: 13.476 min Scan# 1959
Delta R.T. -0.006 min
Lab File: VN085391.D
Acq: 07 Jan 2025 11:07

Tgt Ion:105 Resp: 126567
Ion Ratio Lower Upper
105 100
120 44.4 0.0 89.8

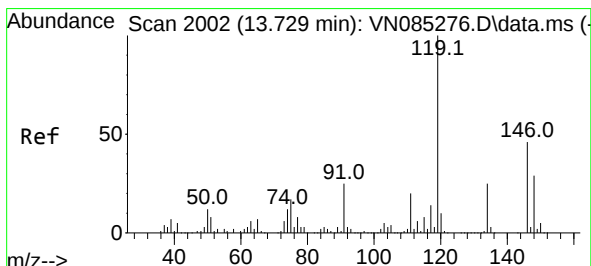
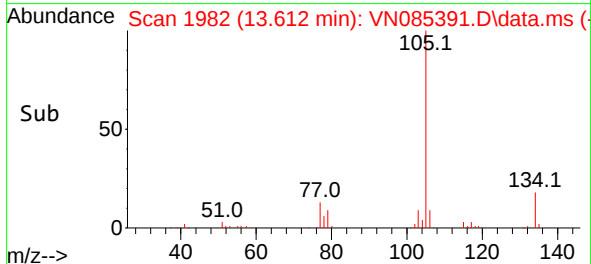
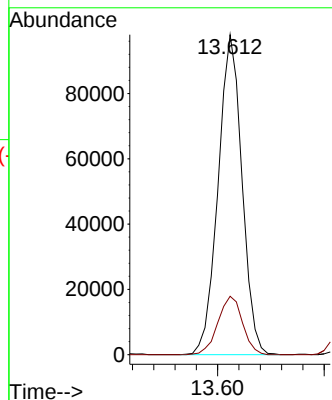
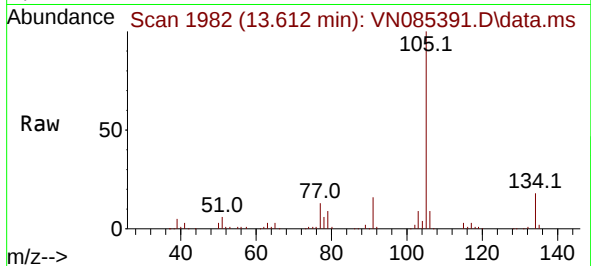




#81
 sec-Butylbenzene
 Concen: 18.059 ug/l
 RT: 13.612 min Scan# 1982
 Delta R.T. 0.000 min
 Lab File: VN085391.D
 Acq: 07 Jan 2025 11:07

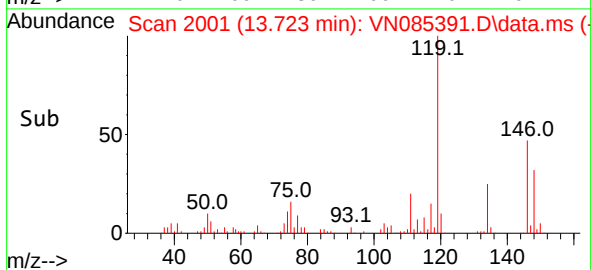
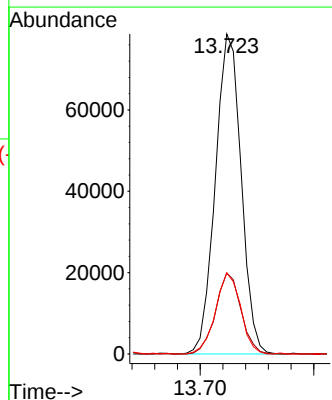
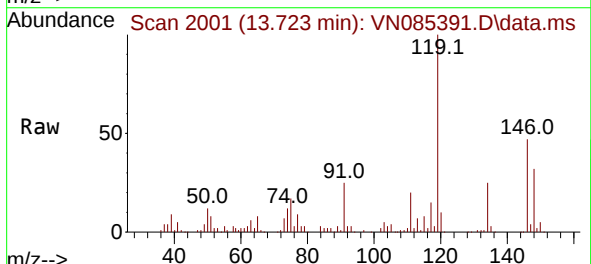
Instrument :
 MSVOA_N
 ClientSampleId :

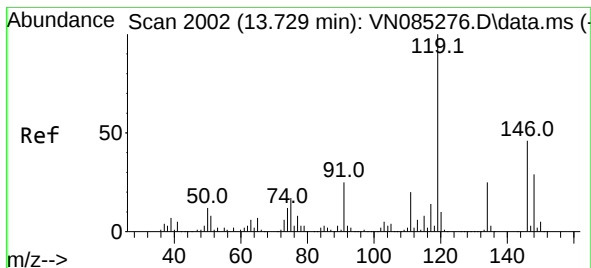
Tgt Ion:105 Resp: 152272
 Ion Ratio Lower Upper
 105 100
 134 18.8 0.0 39.8



#82
 p-Isopropyltoluene
 Concen: 17.877 ug/l
 RT: 13.723 min Scan# 2001
 Delta R.T. -0.006 min
 Lab File: VN085391.D
 Acq: 07 Jan 2025 11:07

Tgt Ion:119 Resp: 124141
 Ion Ratio Lower Upper
 119 100
 134 24.8 0.0 51.4
 91 24.6 0.0 51.4





#83

1,3-Dichlorobenzene

Concen: 17.872 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. 0.000 min

Lab File: VN085391.D

Acq: 07 Jan 2025 11:07

Instrument :

MSVOA_N

ClientSampleId :

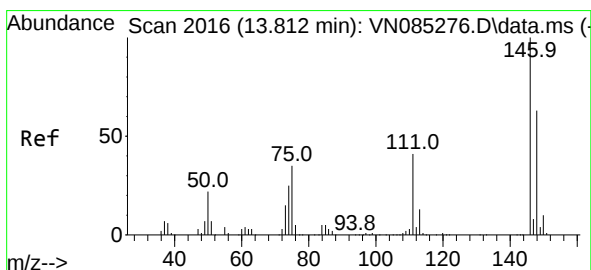
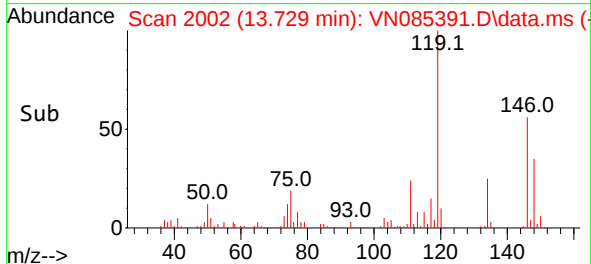
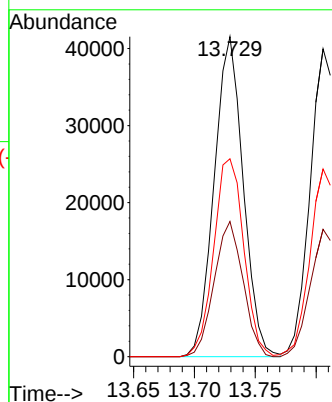
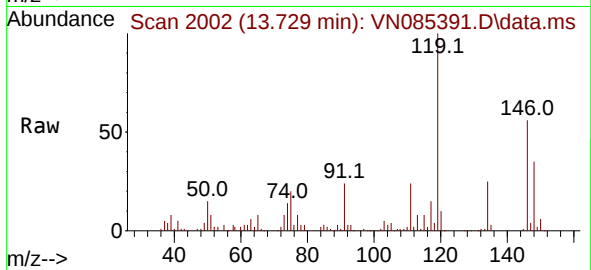
Tgt Ion:146 Resp: 68916

Ion Ratio Lower Upper

146 100

111 42.0 20.4 61.3

148 64.1 31.1 93.5



#84

1,4-Dichlorobenzene

Concen: 17.964 ug/l

RT: 13.806 min Scan# 2015

Delta R.T. -0.006 min

Lab File: VN085391.D

Acq: 07 Jan 2025 11:07

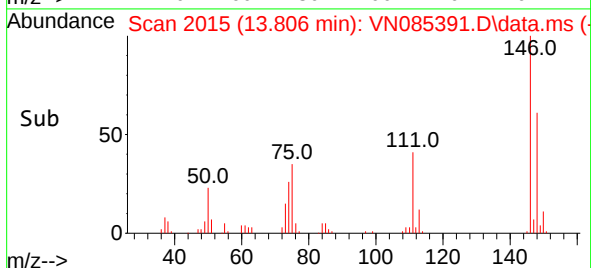
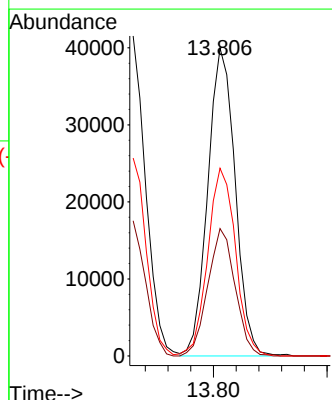
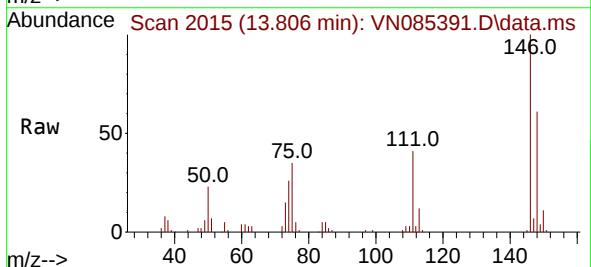
Tgt Ion:146 Resp: 67016

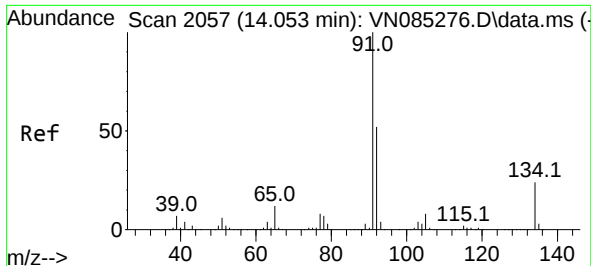
Ion Ratio Lower Upper

146 100

111 41.1 20.7 62.1

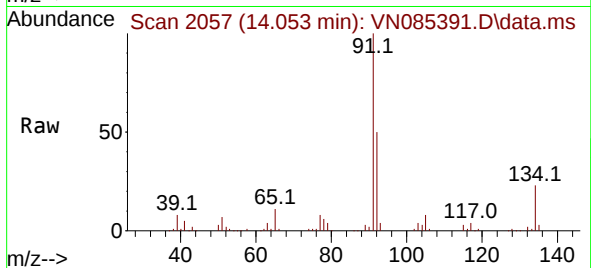
148 62.0 33.2 99.6



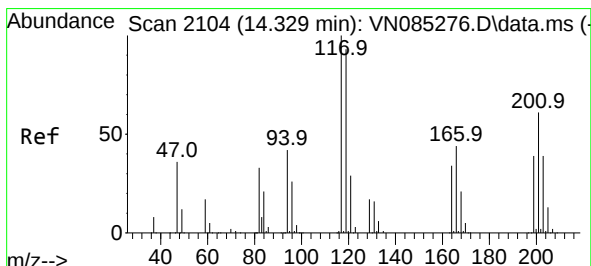
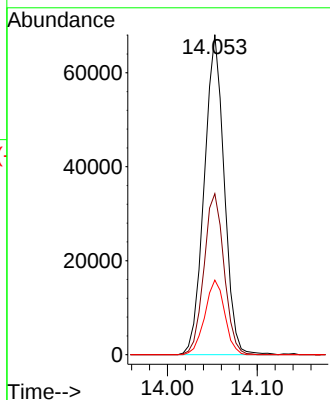
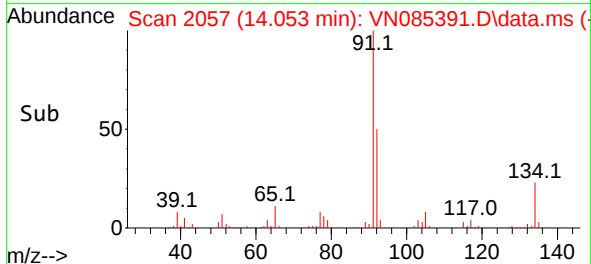


#85
n-Butylbenzene
Concen: 17.520 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. 0.000 min
Lab File: VN085391.D
Acq: 07 Jan 2025 11:07

Instrument :
MSVOA_N
ClientSampleId :

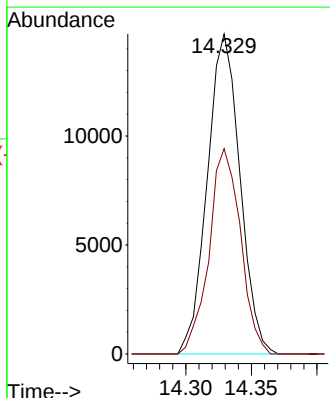
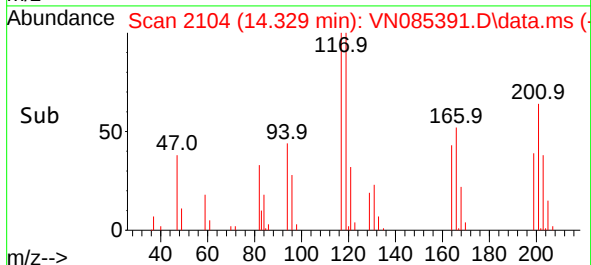
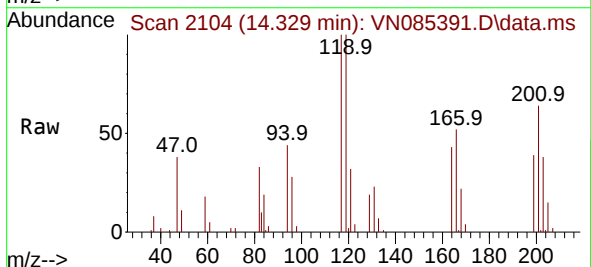


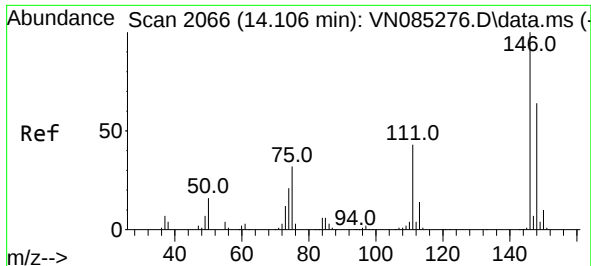
Tgt Ion: 91 Resp: 105033
Ion Ratio Lower Upper
91 100
92 50.8 0.0 102.0
134 23.2 0.0 46.4



#86
Hexachloroethane
Concen: 17.058 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. 0.000 min
Lab File: VN085391.D
Acq: 07 Jan 2025 11:07

Tgt Ion: 117 Resp: 25430
Ion Ratio Lower Upper
117 100
201 61.8 31.8 95.3

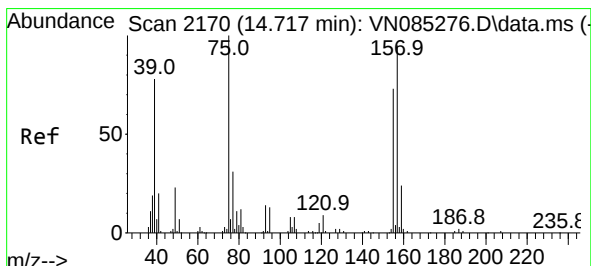
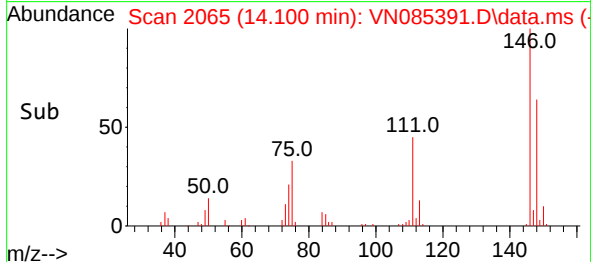
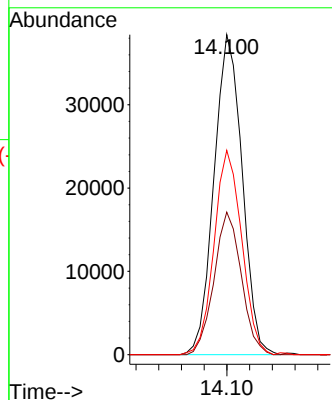
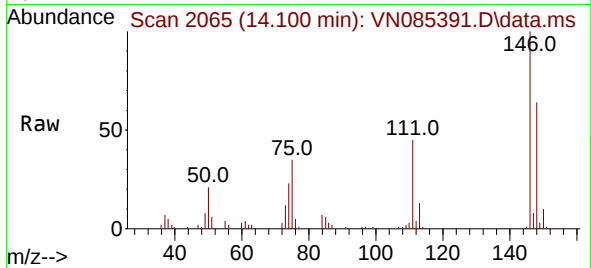




#87
1,2-Dichlorobenzene
Concen: 18.049 ug/l
RT: 14.100 min Scan# 2066
Delta R.T. -0.006 min
Lab File: VN085391.D
Acq: 07 Jan 2025 11:07

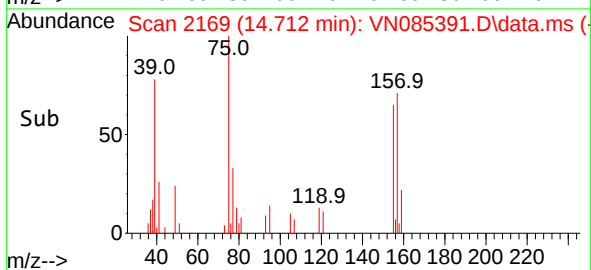
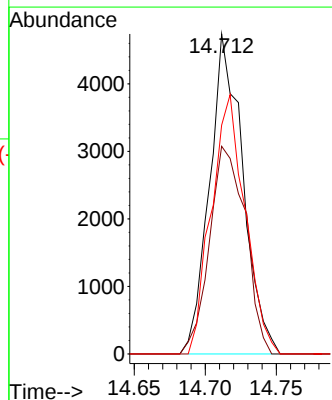
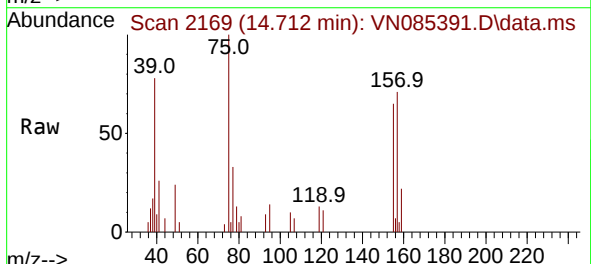
Instrument :
MSVOA_N
ClientSampleId :

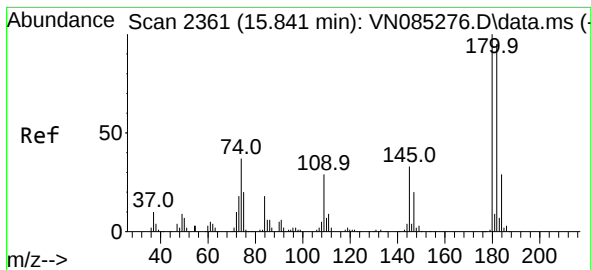
Tgt Ion:146 Resp: 66123
Ion Ratio Lower Upper
146 100
111 43.2 22.1 66.3
148 62.8 32.5 97.4



#88
1,2-Dibromo-3-Chloropropane
Concen: 14.222 ug/l
RT: 14.712 min Scan# 2169
Delta R.T. -0.006 min
Lab File: VN085391.D
Acq: 07 Jan 2025 11:07

Tgt Ion: 75 Resp: 7707
Ion Ratio Lower Upper
75 100
155 70.1 53.4 80.0
157 82.5 74.2 111.4





#89

1,2,4-Trichlorobenzene

Concen: 16.247 ug/l

RT: 15.835 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN085391.D

Acq: 07 Jan 2025 11:07

Instrument :

MSVOA_N

ClientSampleId :

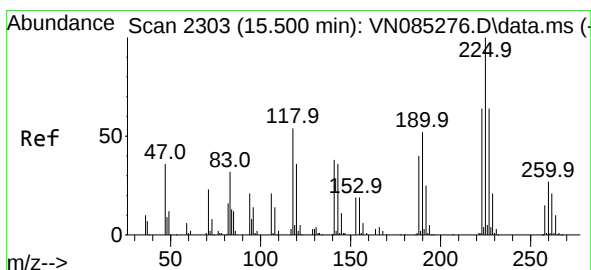
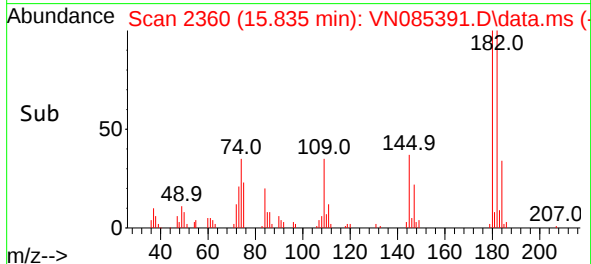
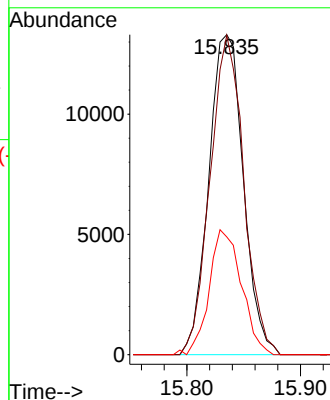
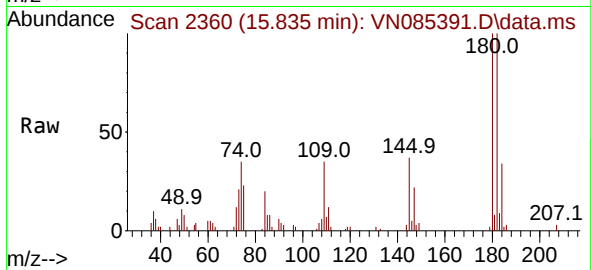
Tgt Ion:180 Resp: 28198

Ion Ratio Lower Upper

180 100

182 96.8 76.5 114.7

145 36.2 27.4 41.2



#90

Hexachlorobutadiene

Concen: 18.826 ug/l

RT: 15.500 min Scan# 2303

Delta R.T. 0.000 min

Lab File: VN085391.D

Acq: 07 Jan 2025 11:07

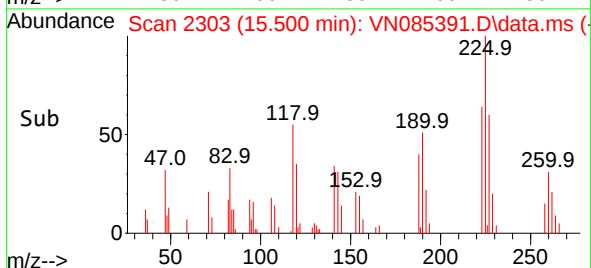
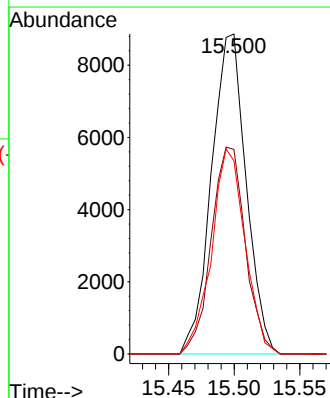
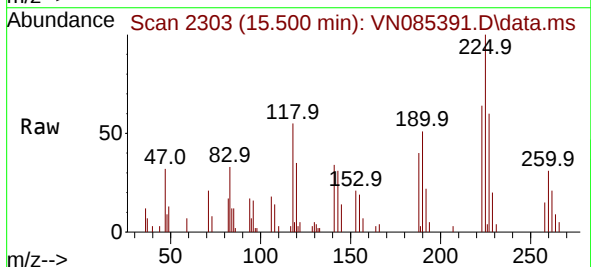
Tgt Ion:225 Resp: 16287

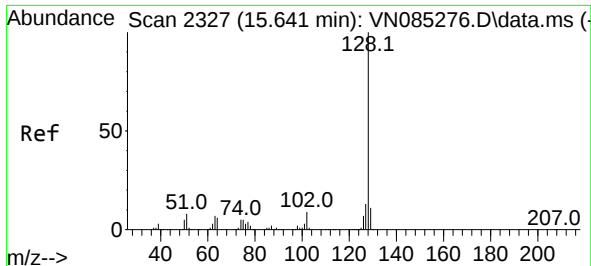
Ion Ratio Lower Upper

225 100

223 63.4 0.0 116.2

227 61.8 0.0 116.4

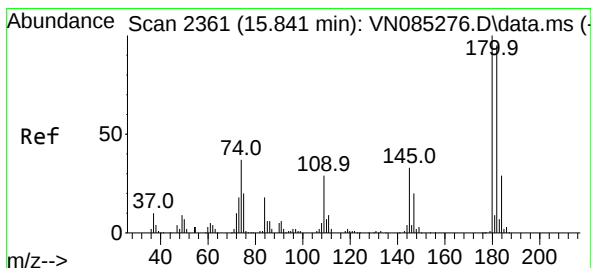
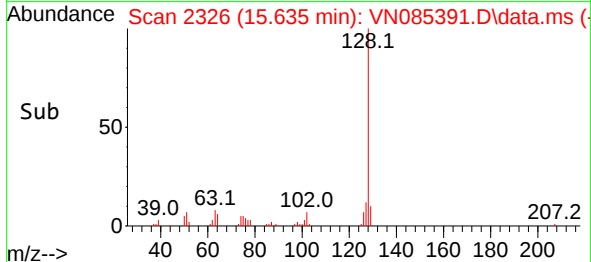
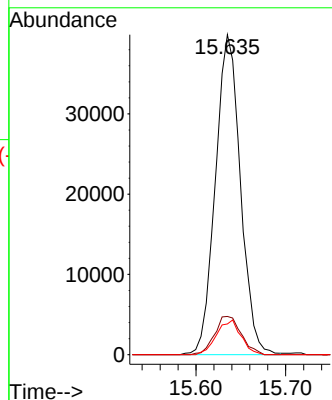
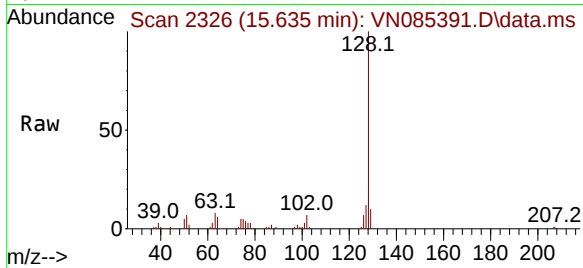




#91
Naphthalene
Concen: 13.862 ug/l
RT: 15.635 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN085391.D
Acq: 07 Jan 2025 11:07

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:128	Resp:	77301
Ion Ratio	Lower	Upper
128	100	
127	12.7	10.6 16.0
129	10.5	8.6 13.0



#92
1,2,3-Trichlorobenzene
Concen: 16.247 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. 0.000 min
Lab File: VN085391.D
Acq: 07 Jan 2025 11:07

Tgt Ion:180	Resp:	28198
Ion Ratio	Lower	Upper
180	100	
182	96.8	0.0 191.2
145	36.2	0.0 68.6

