

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042325\
 Data File : VN086381.D
 Acq On : 23 Apr 2025 13:53
 Operator : JC\MD
 Sample : VSTDICV020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN042325

Quant Time: Apr 24 04:50:37 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N042325W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Apr 24 04:42:24 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.812	128	28814	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	176766	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	160412	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.576	65	84449	30.399	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 101.333%			
60) 4-Bromofluorobenzene	12.847	95	90439	28.685	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 95.633%			
63) Toluene-d8	10.565	98	265630	30.100	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 100.333%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.124	85	41142	20.682	ug/l	95
3) Chloromethane	2.365	50	57712	20.424	ug/l	95
4) Vinyl Chloride	2.518	62	55345	20.449	ug/l	100
5) Bromomethane	2.965	94	29651	20.985	ug/l	98
6) Chloroethane	3.124	64	35793	19.838	ug/l	94
7) Trichlorofluoromethane	3.500	101	63367	19.836	ug/l	98
8) Diethyl Ether	3.965	74	27119	20.111	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.377	101	39724	20.227	ug/l	97
10) 1,1-Dichloroethene	4.336	96	39637	19.718	ug/l	98
11) Methyl Iodide	4.588	142	47322	20.120	ug/l	99
12) Methyl Acetate	5.024	43	58243	20.442	ug/l	99
13) Acrolein	4.183	56	12072	81.993	ug/l	100
14) Acrylonitrile	5.718	53	107549	101.422	ug/l	99
15) Acetone	4.430	58	31433	107.574	ug/l	88
16) Carbon Disulfide	4.712	76	109280	20.631	ug/l	99
17) Allyl chloride	5.018	41	65341	20.329	ug/l	98
18) Methylene Chloride	5.283	84	45390	19.828	ug/l	96
19) trans-1,2-Dichloroethene	5.788	96	43000	20.070	ug/l	99
20) Diisopropyl ether	6.671	45	151075	19.768	ug/l	98
21) 1,1-Dichloroethane	6.565	63	83455	19.950	ug/l	98
22) cis-1,2-Dichloroethene	7.482	96	53300	19.895	ug/l	98
23) tert-Butyl Alcohol	5.512	59	43113	104.953	ug/l #	100
24) Methyl tert-Butyl Ether	5.788	73	149632	20.147	ug/l	100
25) Chloroform	7.965	83	83891	19.815	ug/l	95
26) Cyclohexane	8.253	56	72784	19.705	ug/l #	98
29) 1,1-Dichloropropene	8.365	75	59993	19.252	ug/l	99
30) 2-Butanone	7.477	43	149457	98.812	ug/l	99
31) 2,2-Dichloropropane	7.482	77	75995	18.971	ug/l	100
32) 1,1,1-Trichloroethane	8.165	97	71545	19.213	ug/l	100
33) Carbon Tetrachloride	8.359	117	58859	19.200	ug/l	97
34) Benzene	8.606	78	192366	19.408	ug/l	94
35) Methacrylonitrile	7.777	41	32722	18.965	ug/l	98
36) 1,2-Dichloroethane	8.665	62	62633	19.464	ug/l	99
37) Trichloroethene	9.347	130	47260	19.047	ug/l	92
38) Methylcyclohexane	9.600	83	69133	19.209	ug/l	99
39) 1,2-Dichloropropane	9.618	63	46678	19.063	ug/l	97
40) Dibromomethane	9.706	93	31560	19.273	ug/l	98
41) Bromodichloromethane	9.882	83	67356	19.438	ug/l	99
42) Vinyl Acetate	6.600	43	514738	98.241	ug/l	100

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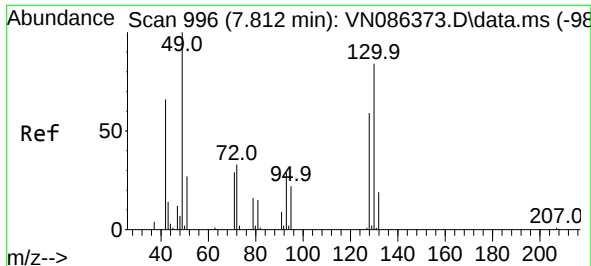
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.559	43	56564	18.897	ug/l	99
44) Isopropyl Acetate	8.688	43	112514	19.805	ug/l	98
45) 1,4-Dioxane	9.688	88	18241	411.534	ug/l	97
46) Methyl methacrylate	9.676	41	50286	19.190	ug/l	92
47) n-amyl Acetate	12.488	43	90266	18.642	ug/l	99
48) t-1,3-Dichloropropene	10.835	75	74255	19.167	ug/l	98
49) cis-1,3-Dichloropropene	10.312	75	78577	19.233	ug/l	96
50) 1,1,2-Trichloroethane	11.012	97	44981	19.666	ug/l	98
51) Ethyl methacrylate	10.870	69	74966	18.819	ug/l	100
52) 1,3-Dichloropropane	11.159	76	79190	19.590	ug/l	99
53) Dibromochloromethane	11.353	129	48611	18.927	ug/l	99
54) 1,2-Dibromoethane	11.465	107	44285	19.043	ug/l	100
55) 2-Chloroethyl vinyl ether	10.159	63	184980	98.770	ug/l	99
56) Bromoform	12.576	173	30722	18.434	ug/l	99
58) 4-Methyl-2-Pentanone	10.441	43	306519	98.743	ug/l	99
59) 2-Hexanone	11.194	43	224318	98.060	ug/l	99
61) Tetrachloroethene	11.100	164	46736	19.102	ug/l	95
62) Toluene	10.629	91	207649	19.339	ug/l	97
64) Chlorobenzene	11.888	112	129646	19.378	ug/l	100
65) 1,1,1,2-Tetrachloroethane	11.959	131	43109	19.270	ug/l	99
66) Ethyl Benzene	11.959	91	233802	19.345	ug/l	99
67) m/p-Xylenes	12.070	106	177124	38.625	ug/l	99
68) o-Xylene	12.394	106	86250	19.209	ug/l	99
69) Styrene	12.406	104	144708	19.014	ug/l	100
70) Isopropylbenzene	12.694	105	215598	19.236	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.935	83	60151	20.382	ug/l	99
72) 1,2,3-Trichloropropane	12.994	75	84797	32.957	ug/l	43
73) Bromobenzene	12.976	156	49645	19.266	ug/l	98
74) n-propylbenzene	13.029	91	253908	19.064	ug/l	100
75) 2-Chlorotoluene	13.123	91	159080	19.133	ug/l	99
76) 1,3,5-Trimethylbenzene	13.170	105	177597	19.311	ug/l	100
77) t-1,4-Dichloro-2-butene	12.735	75	24658	18.884	ug/l	95
78) 4-Chlorotoluene	13.217	91	158316	19.044	ug/l	99
79) tert-butylbenzene	13.435	119	151069	19.180	ug/l	100
80) 1,2,4-Trimethylbenzene	13.476	105	179423	19.103	ug/l	99
81) sec-Butylbenzene	13.611	105	214645	19.091	ug/l	100
82) p-Isopropyltoluene	13.723	119	177486	18.866	ug/l	99
83) 1,3-Dichlorobenzene	13.729	146	92009	18.889	ug/l	99
84) 1,4-Dichlorobenzene	13.811	146	92122	19.142	ug/l	98
85) n-Butylbenzene	14.053	91	157496	18.762	ug/l	99
86) Hexachloroethane	14.329	117	28240	18.358	ug/l	99
87) 1,2-Dichlorobenzene	14.100	146	88423	19.078	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	14.717	75	11808	19.684	ug/l	97
89) 1,2,4-Trichlorobenzene	15.835	180	42238	19.995	ug/l	98
90) Hexachlorobutadiene	15.494	225	18323	21.534	ug/l	98
91) Naphthalene	15.635	128	154380	20.413	ug/l	99
92) 1,2,3-Trichlorobenzene	15.835	180	42238	19.995	ug/l	98

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

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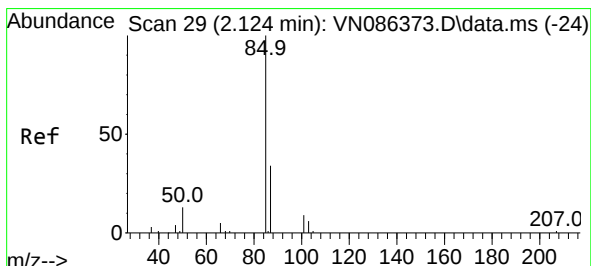
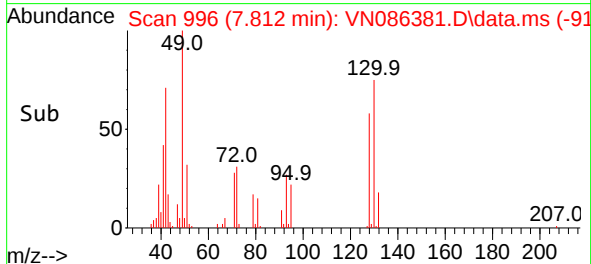
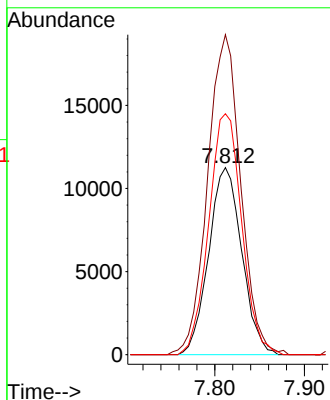
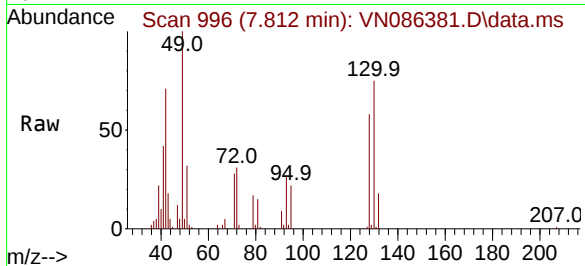




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.812 min Scan# 996
Delta R.T. -0.000 min
Lab File: VN086381.D
Acq: 23 Apr 2025 13:53

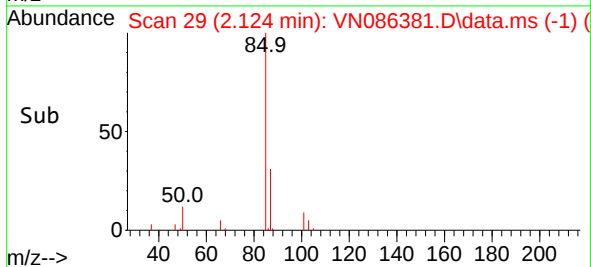
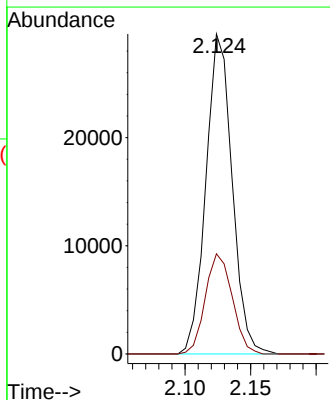
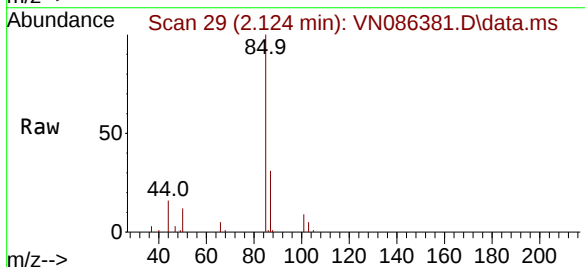
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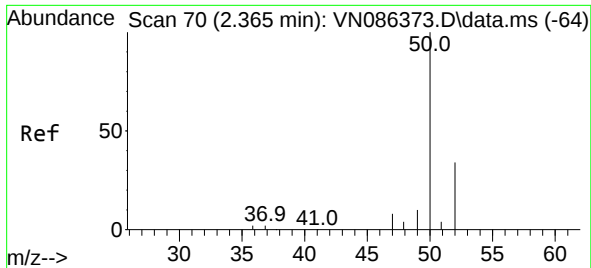
Tgt Ion:128 Resp: 28814
Ion Ratio Lower Upper
128 100
49 171.1 0.0 433.8
130 128.7 0.0 325.0



#2
Dichlorodifluoromethane
Concen: 20.682 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN086381.D
Acq: 23 Apr 2025 13:53

Tgt Ion: 85 Resp: 41142
Ion Ratio Lower Upper
85 100
87 31.3 17.0 50.9

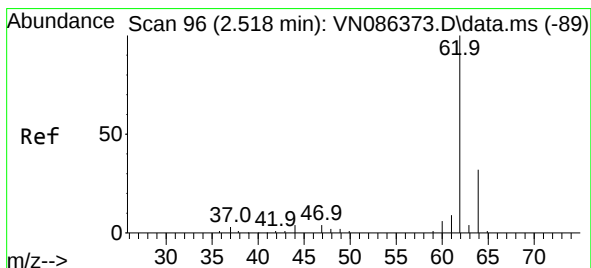
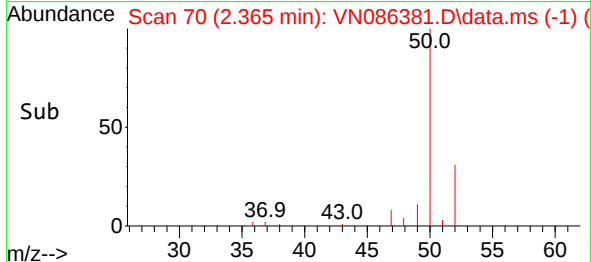
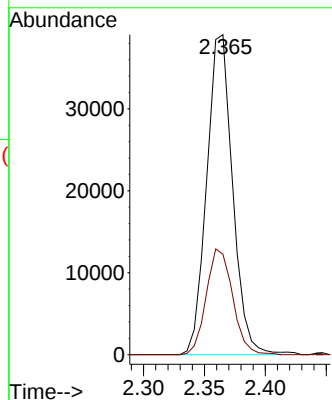
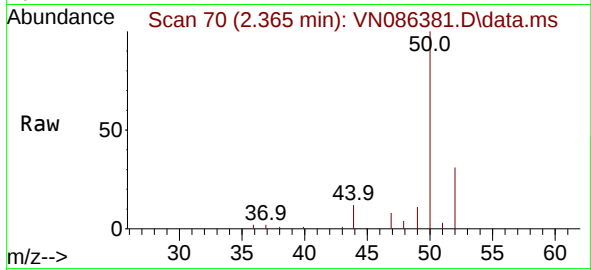




#3
Chloromethane
Concen: 20.424 ug/l
RT: 2.365 min Scan# 70
Delta R.T. -0.000 min
Lab File: VN086381.D
Acq: 23 Apr 2025 13:53

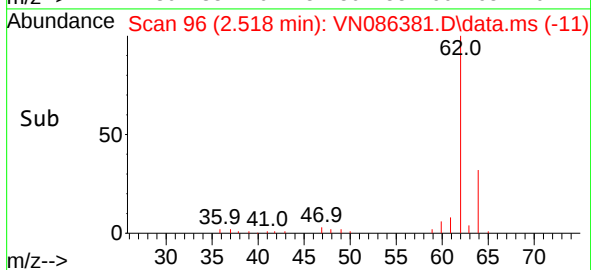
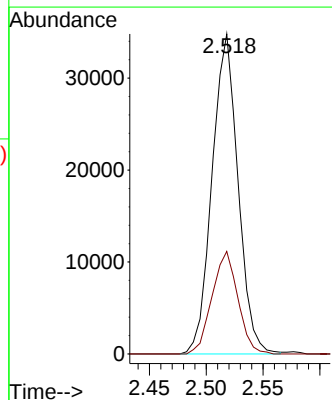
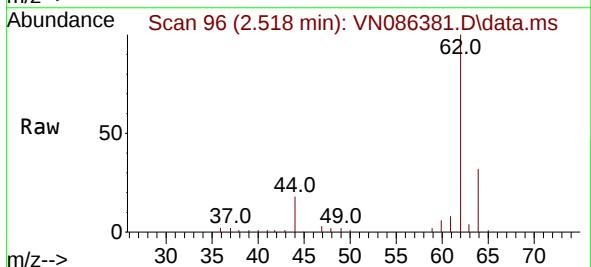
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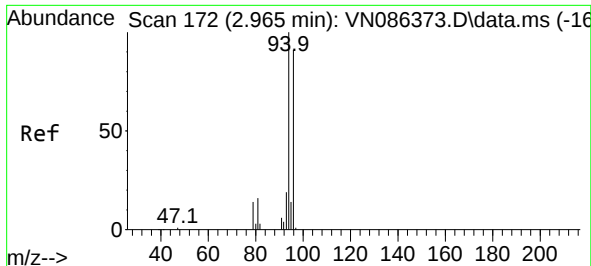
Tgt Ion: 50 Resp: 57712
Ion Ratio Lower Upper
50 100
52 31.4 27.3 40.9



#4
Vinyl Chloride
Concen: 20.449 ug/l
RT: 2.518 min Scan# 96
Delta R.T. -0.000 min
Lab File: VN086381.D
Acq: 23 Apr 2025 13:53

Tgt Ion: 62 Resp: 55345
Ion Ratio Lower Upper
62 100
64 32.1 25.8 38.8

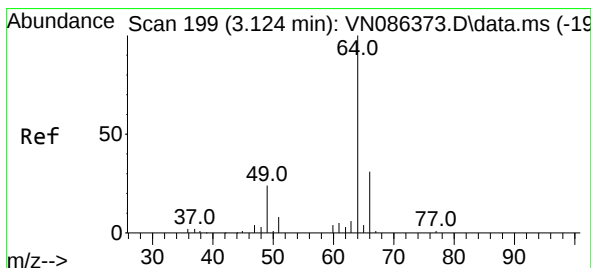
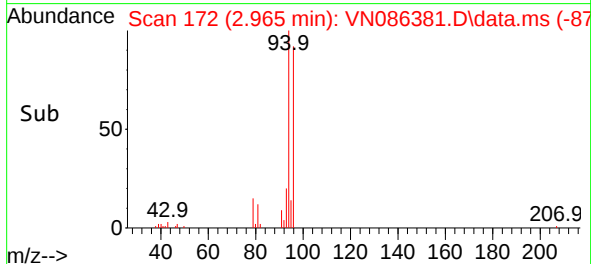
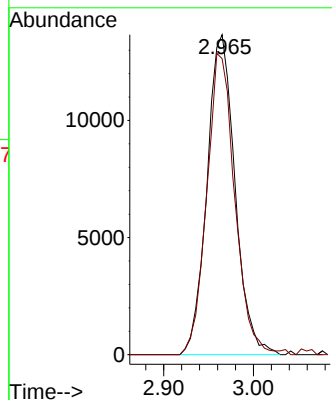
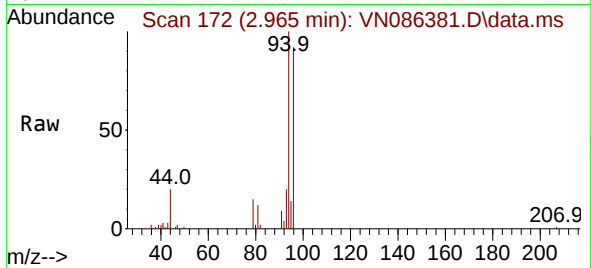




#5
Bromomethane
Concen: 20.985 ug/l
RT: 2.965 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086381.D
Acq: 23 Apr 2025 13:53

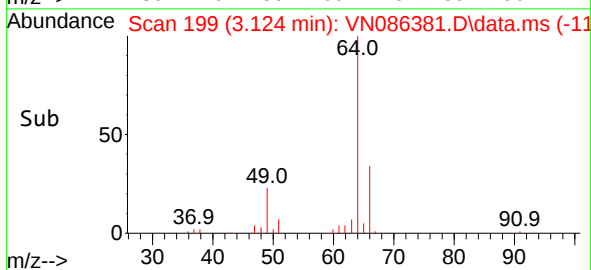
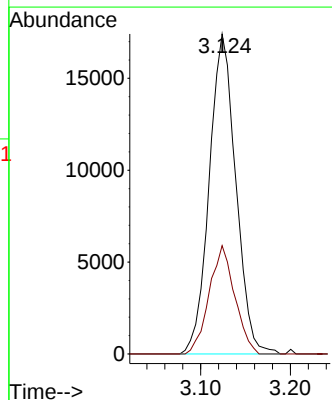
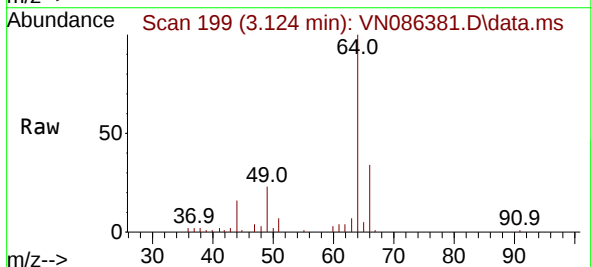
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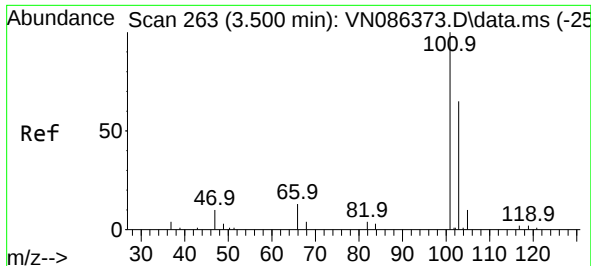
Tgt Ion: 94 Resp: 29651
Ion Ratio Lower Upper
94 100
96 92.5 72.4 108.6



#6
Chloroethane
Concen: 19.838 ug/l
RT: 3.124 min Scan# 199
Delta R.T. -0.000 min
Lab File: VN086381.D
Acq: 23 Apr 2025 13:53

Tgt Ion: 64 Resp: 35793
Ion Ratio Lower Upper
64 100
66 33.8 24.5 36.7

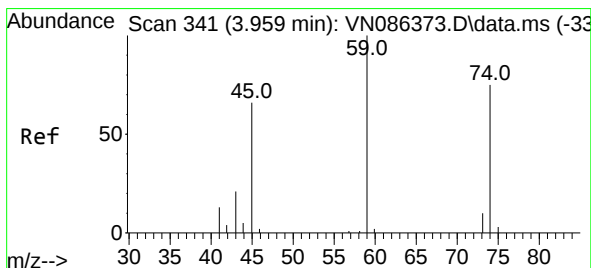
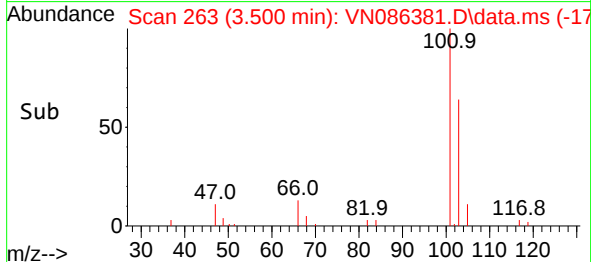
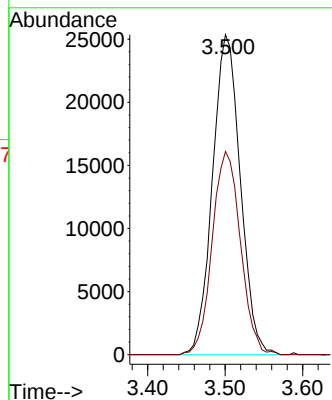
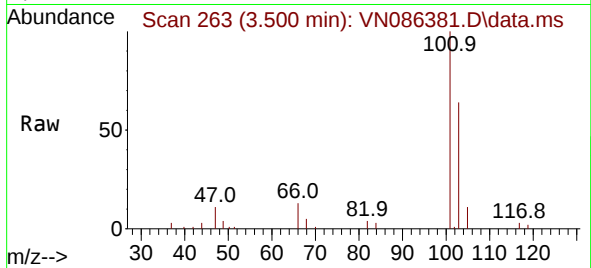




#7
 Trichlorofluoromethane
 Concen: 19.836 ug/l
 RT: 3.500 min Scan# 2
 Delta R.T. -0.000 min
 Lab File: VN086381.D
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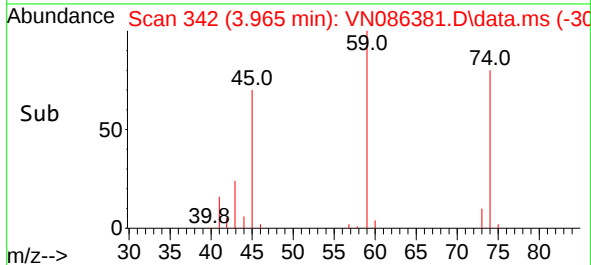
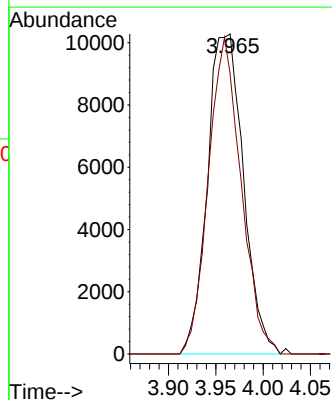
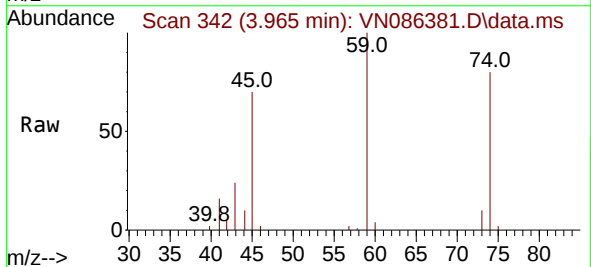
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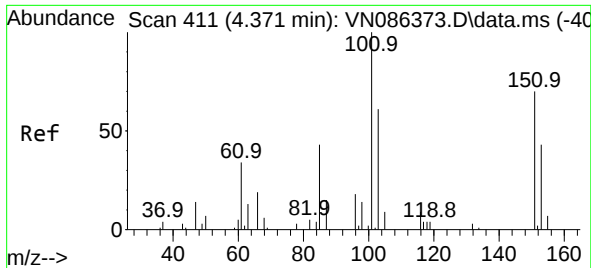
Tgt Ion:101 Resp: 63367
 Ion Ratio Lower Upper
 101 100
 103 63.5 51.8 77.6



#8
 Diethyl Ether
 Concen: 20.111 ug/l
 RT: 3.965 min Scan# 342
 Delta R.T. 0.006 min
 Lab File: VN086381.D
 Acq: 23 Apr 2025 13:53

Tgt Ion: 74 Resp: 27119
 Ion Ratio Lower Upper
 74 100
 45 90.4 18.5 166.3

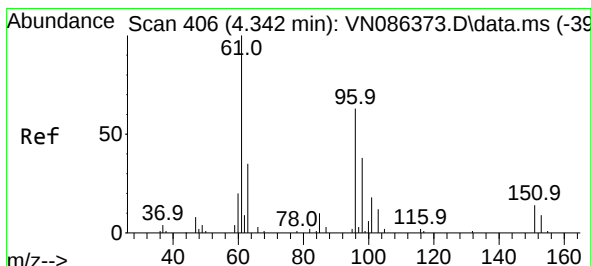
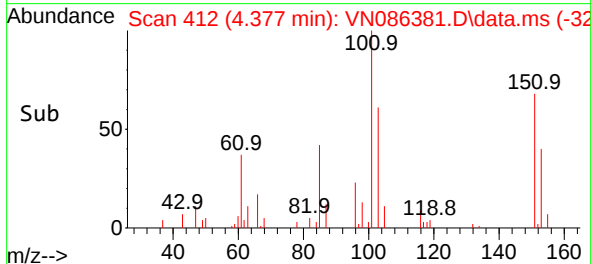
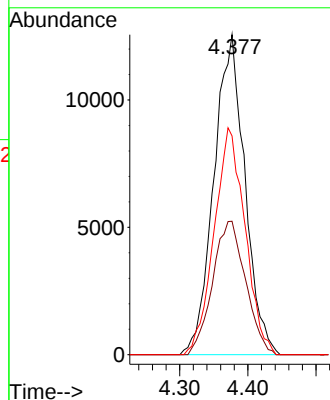
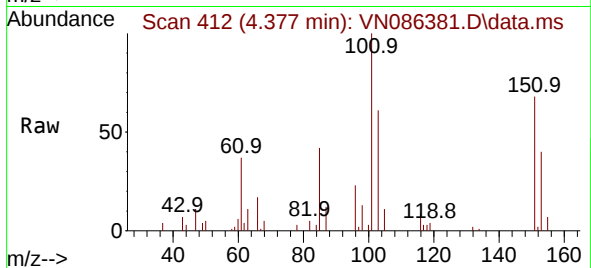




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.227 ug/l
RT: 4.377 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN086381.D
Acq: 23 Apr 2025 13:53

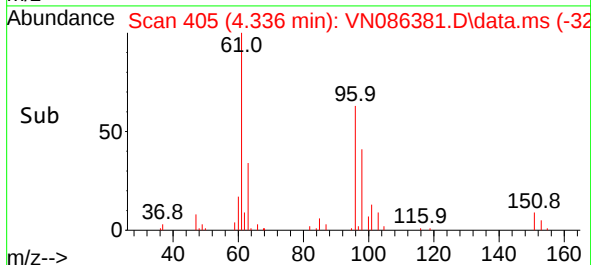
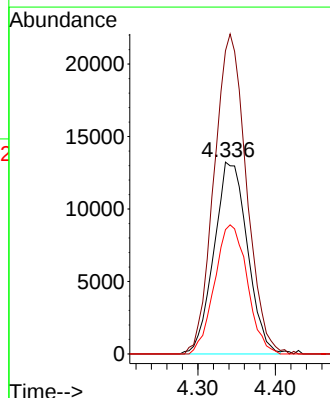
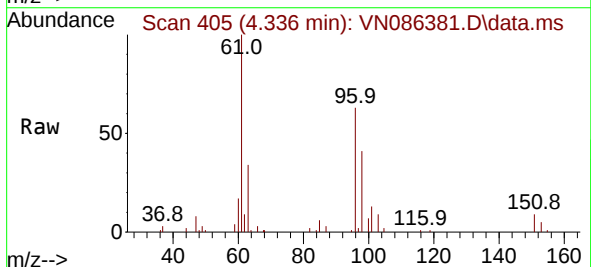
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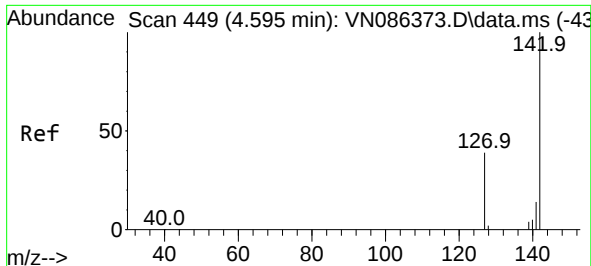
Tgt Ion:101 Resp: 39724
Ion Ratio Lower Upper
101 100
85 44.4 0.0 84.4
151 70.9 0.0 145.8



#10
1,1-Dichloroethene
Concen: 19.718 ug/l
RT: 4.336 min Scan# 405
Delta R.T. -0.006 min
Lab File: VN086381.D
Acq: 23 Apr 2025 13:53

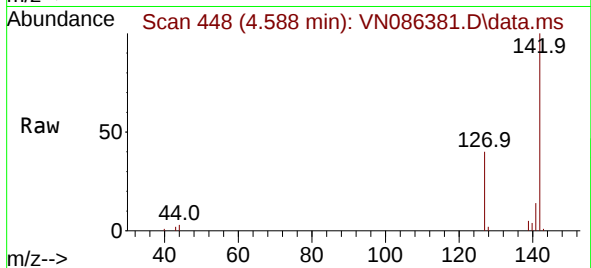
Tgt Ion: 96 Resp: 39637
Ion Ratio Lower Upper
96 100
61 158.1 126.2 189.4
98 64.9 48.5 72.7



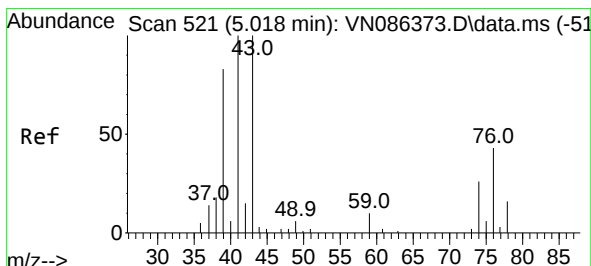
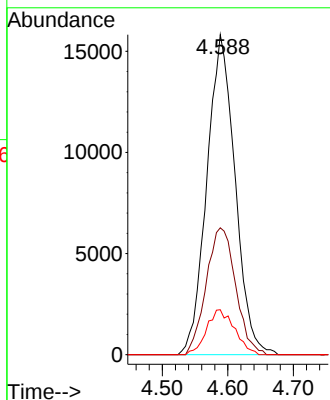
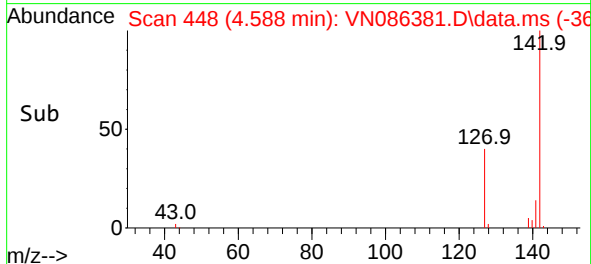


#11
Methyl Iodide
Concen: 20.120 ug/l
RT: 4.588 min Scan# 449
Delta R.T. -0.006 min
Lab File: VN086381.D
Acq: 23 Apr 2025 13:53

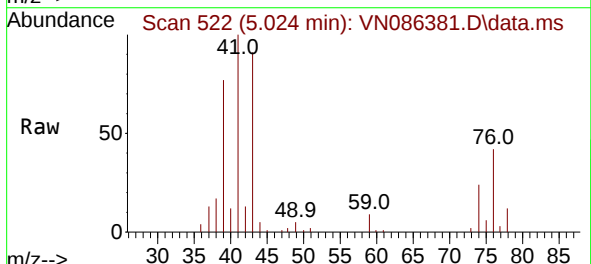
Instrument :
MSVOA_N
ClientSampleId :
ICVVN042325



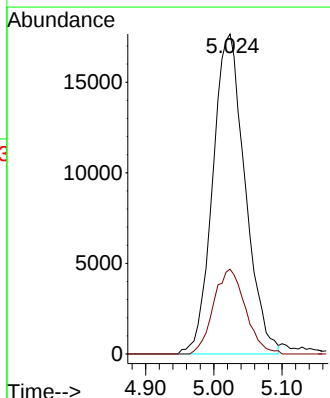
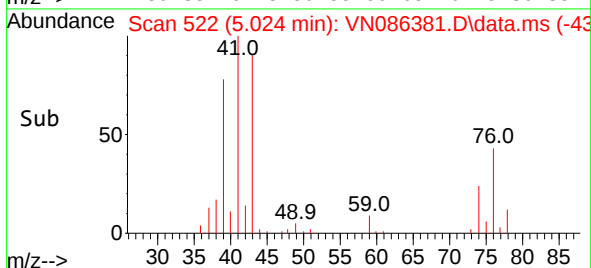
Tgt Ion:142 Resp: 47322
Ion Ratio Lower Upper
142 100
127 39.6 19.3 57.9
141 14.0 7.1 21.3

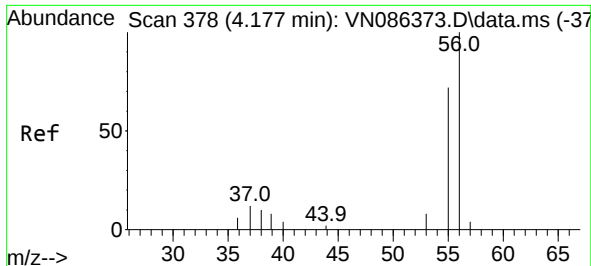


#12
Methyl Acetate
Concen: 20.442 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN086381.D
Acq: 23 Apr 2025 13:53



Tgt Ion: 43 Resp: 58243
Ion Ratio Lower Upper
43 100
74 26.3 20.8 31.2

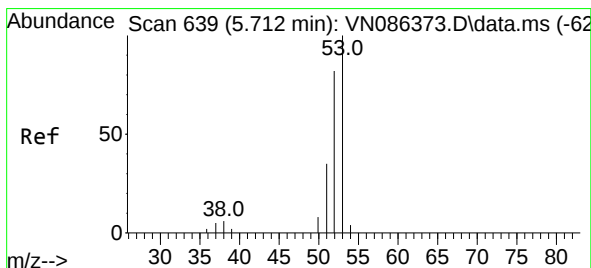
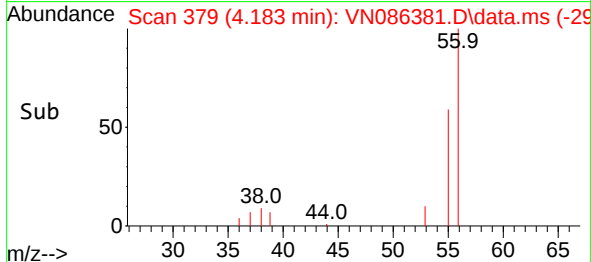
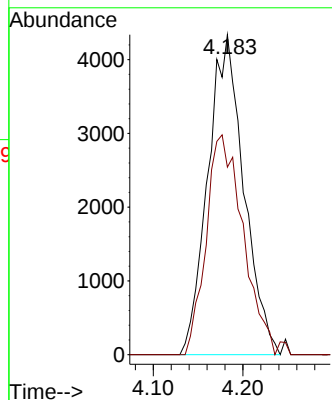
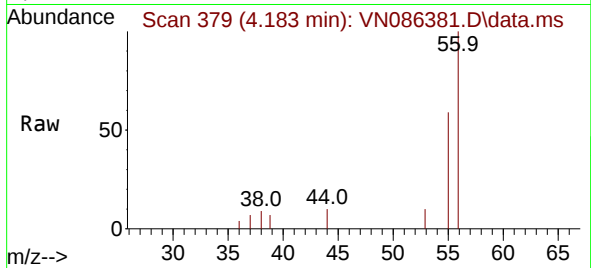




#13
Acrolein
Concen: 81.993 ug/l
RT: 4.183 min Scan# 31
Delta R.T. 0.006 min
Lab File: VN086381.D
Acq: 23 Apr 2025 13:53

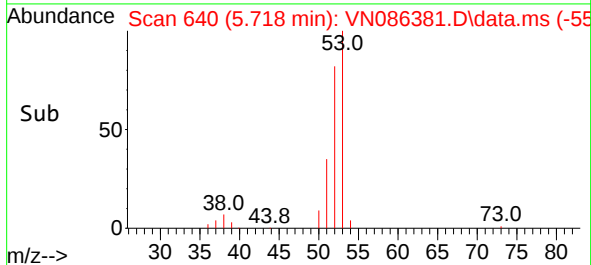
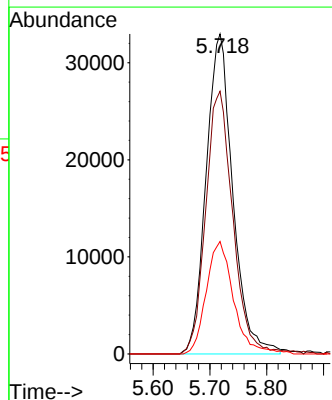
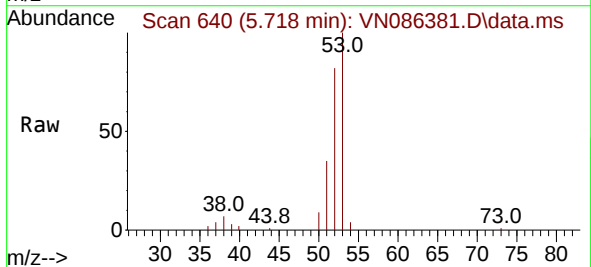
Instrument :
MSVOA_N
ClientSampleId :
ICVVN042325

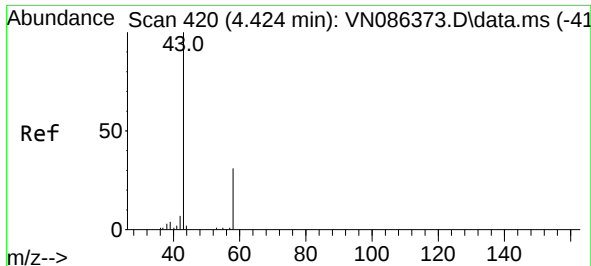
Tgt Ion: 56 Resp: 12072
Ion Ratio Lower Upper
56 100
55 70.2 56.1 84.1



#14
Acrylonitrile
Concen: 101.422 ug/l
RT: 5.718 min Scan# 640
Delta R.T. 0.006 min
Lab File: VN086381.D
Acq: 23 Apr 2025 13:53

Tgt Ion: 53 Resp: 107549
Ion Ratio Lower Upper
53 100
52 82.6 41.2 123.6
51 36.0 17.6 52.8





#15

Acetone

Concen: 107.574 ug/l

RT: 4.430 min Scan# 41

Delta R.T. 0.006 min

Lab File: VN086381.D

Acq: 23 Apr 2025 13:53

Instrument :

MSVOA_N

ClientSampleId :

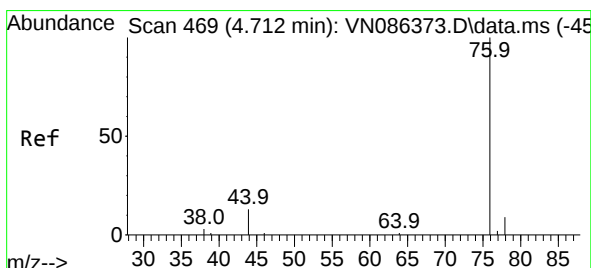
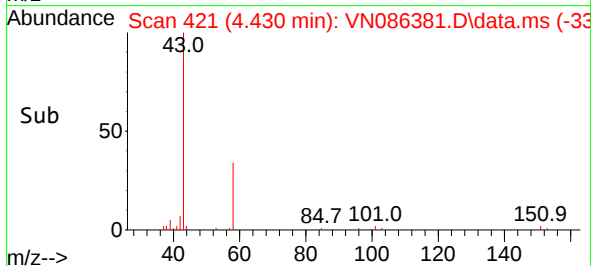
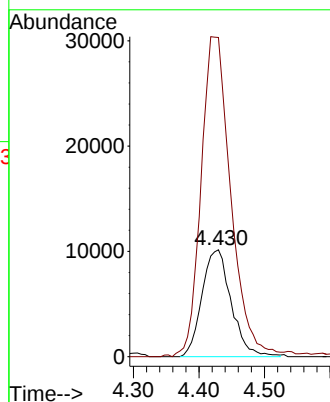
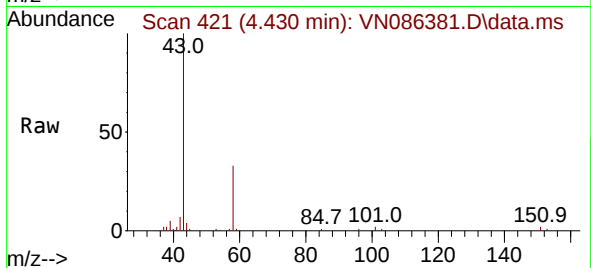
ICVVN042325

Tgt Ion: 58 Resp: 31433

Ion Ratio Lower Upper

58 100

43 294.4 255.1 382.7



#16

Carbon Disulfide

Concen: 20.631 ug/l

RT: 4.712 min Scan# 469

Delta R.T. -0.000 min

Lab File: VN086381.D

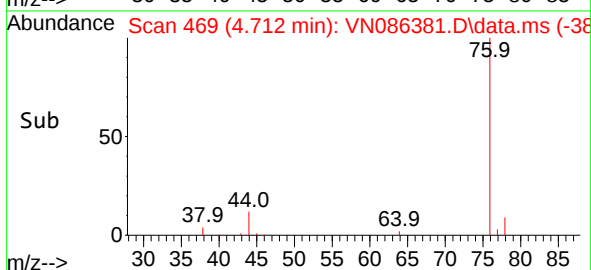
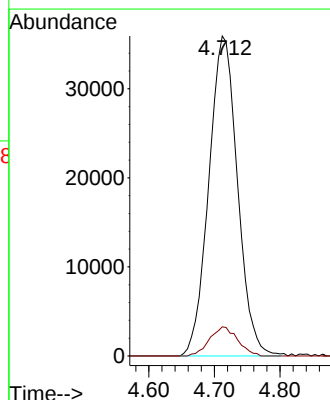
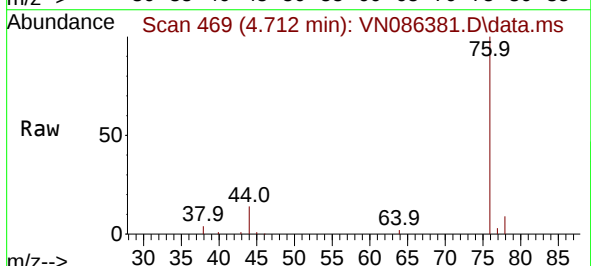
Acq: 23 Apr 2025 13:53

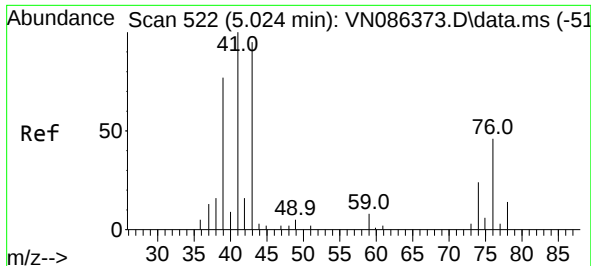
Tgt Ion: 76 Resp: 109280

Ion Ratio Lower Upper

76 100

78 9.1 7.1 10.7



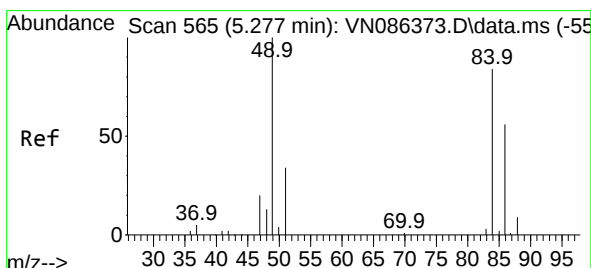
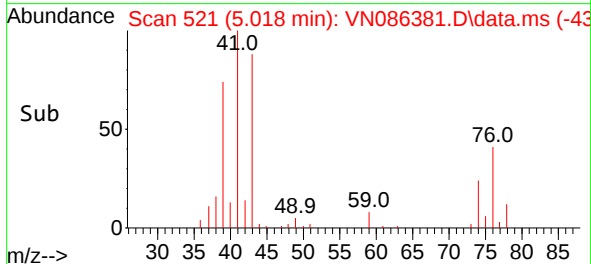
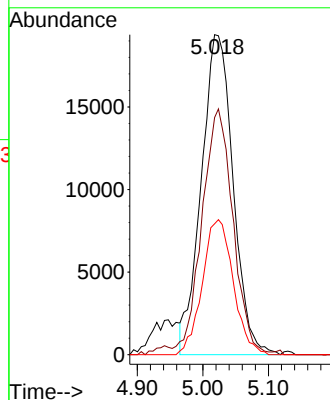
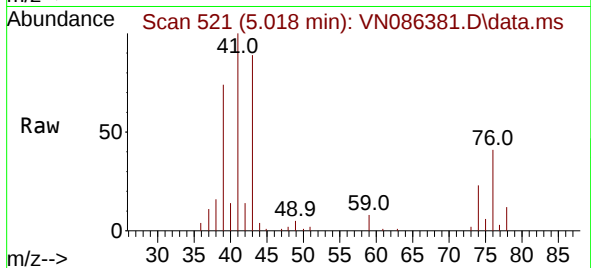


#17
 Allyl chloride
 Concen: 20.329 ug/l
 RT: 5.018 min Scan# 51
 Delta R.T. -0.006 min
 Lab File: VN086381.D
 Acq: 23 Apr 2025 13:53

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN042325

Tgt Ion: 41 Resp: 65341

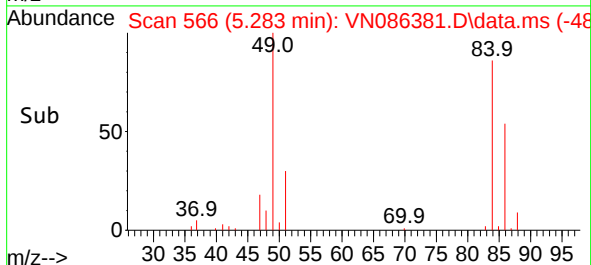
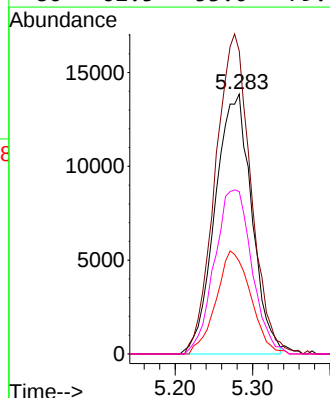
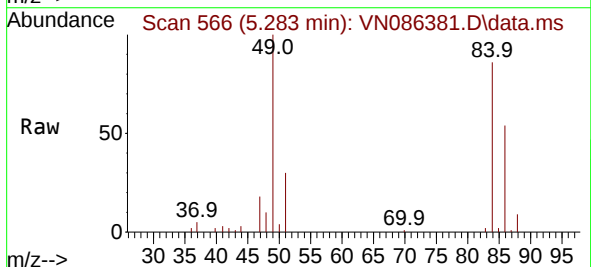
Ion	Ratio	Lower	Upper
41	100		
39	72.7	36.7	110.1
76	40.9	21.8	65.4

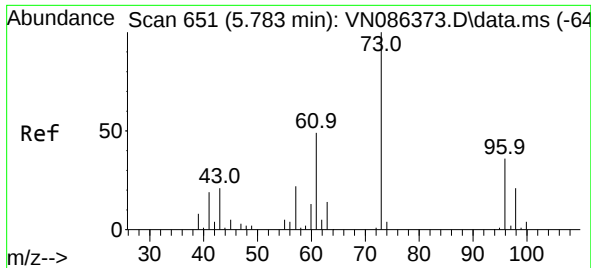


#18
 Methylene Chloride
 Concen: 19.828 ug/l
 RT: 5.283 min Scan# 566
 Delta R.T. 0.006 min
 Lab File: VN086381.D
 Acq: 23 Apr 2025 13:53

Tgt Ion: 84 Resp: 45390

Ion	Ratio	Lower	Upper
84	100		
49	116.6	95.4	143.0
51	35.5	32.8	49.2
86	62.5	53.0	79.4

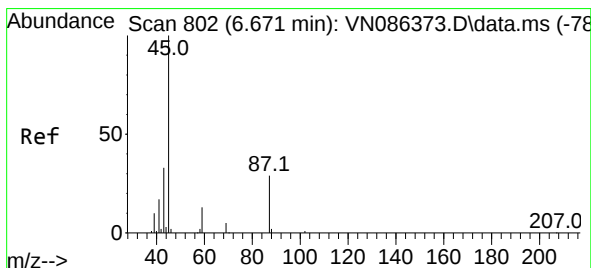
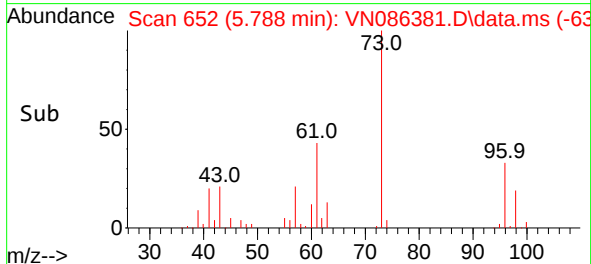
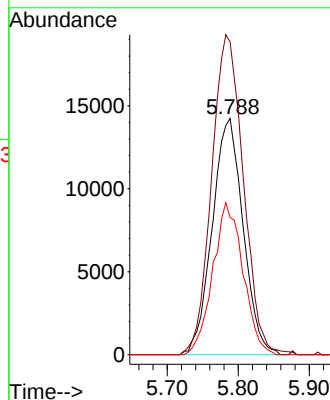
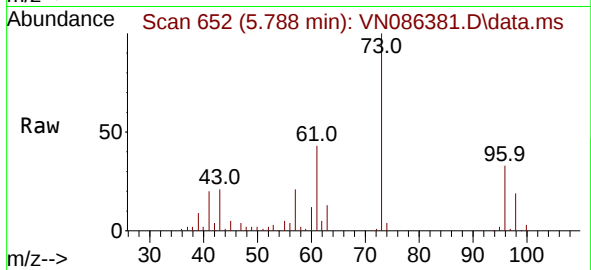




#19
trans-1,2-Dichloroethene
Concen: 20.070 ug/l
RT: 5.788 min Scan# 651
Delta R.T. 0.006 min
Lab File: VN086381.D
Acq: 23 Apr 2025 13:53

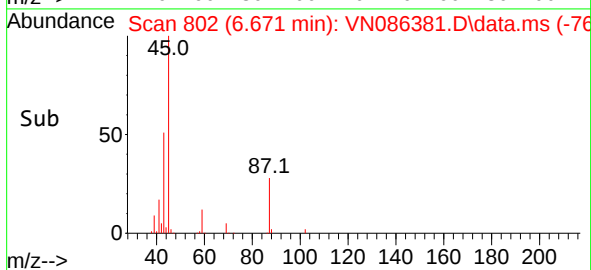
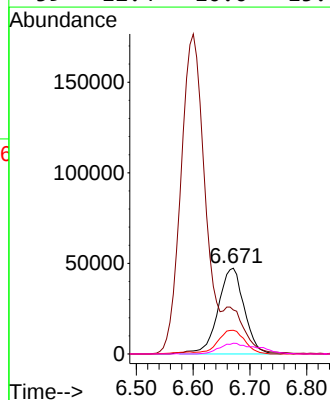
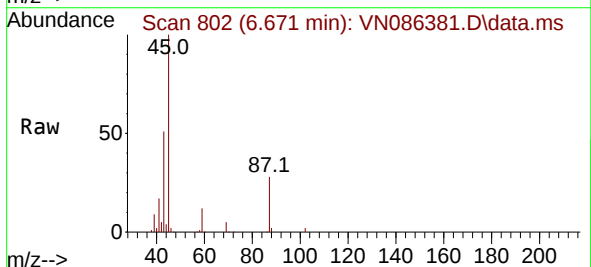
Instrument :
MSVOA_N
ClientSampleId :
ICVNVN042325

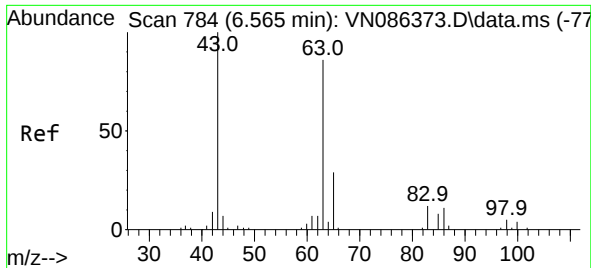
Tgt Ion: 96 Resp: 43000
Ion Ratio Lower Upper
96 100
61 132.4 107.3 160.9
98 58.1 46.7 70.1



#20
Diisopropyl ether
Concen: 19.768 ug/l
RT: 6.671 min Scan# 802
Delta R.T. -0.000 min
Lab File: VN086381.D
Acq: 23 Apr 2025 13:53

Tgt Ion: 45 Resp: 151075
Ion Ratio Lower Upper
45 100
43 49.5 38.8 58.2
87 27.5 23.5 35.3
59 12.4 10.0 15.0





#21

1,1-Dichloroethane

Concen: 19.950 ug/l

RT: 6.565 min Scan# 784

Delta R.T. -0.000 min

Lab File: VN086381.D

Acq: 23 Apr 2025 13:53

Instrument :

MSVOA_N

ClientSampleId :

ICVVN042325

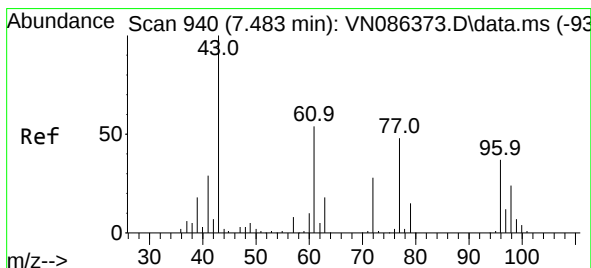
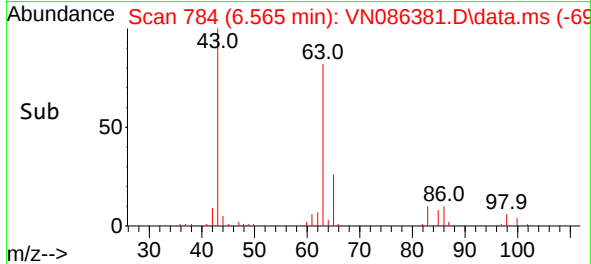
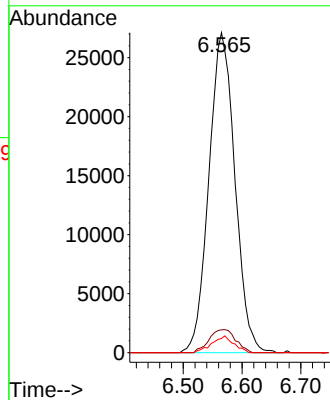
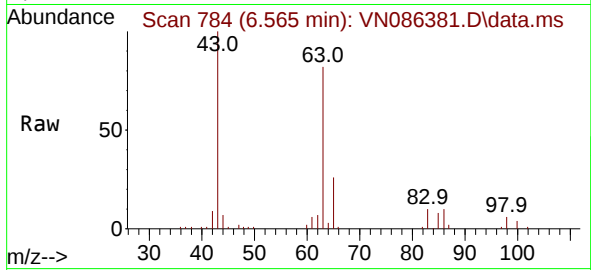
Tgt Ion: 63 Resp: 83455

Ion Ratio Lower Upper

63 100

98 7.2 3.0 9.2

100 4.4 2.3 6.8



#22

cis-1,2-Dichloroethene

Concen: 19.895 ug/l

RT: 7.482 min Scan# 940

Delta R.T. -0.000 min

Lab File: VN086381.D

Acq: 23 Apr 2025 13:53

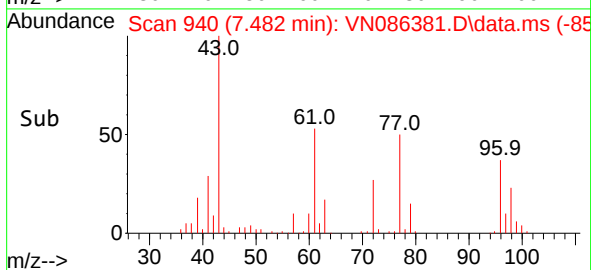
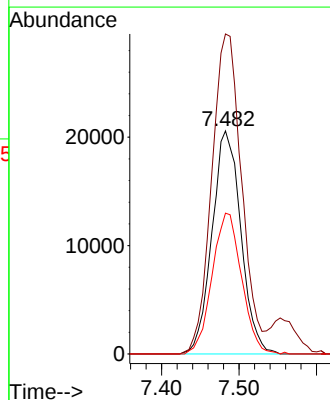
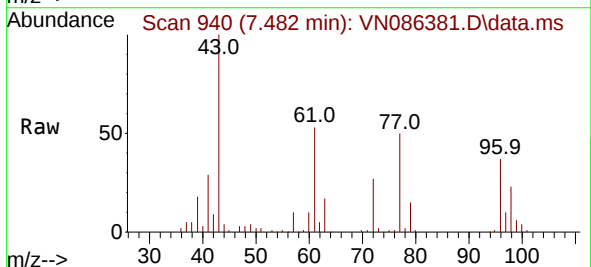
Tgt Ion: 96 Resp: 53300

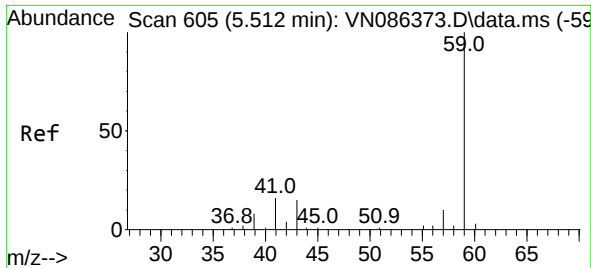
Ion Ratio Lower Upper

96 100

61 148.0 120.6 181.0

98 64.4 51.8 77.6

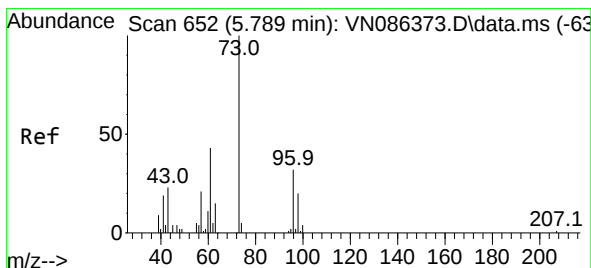
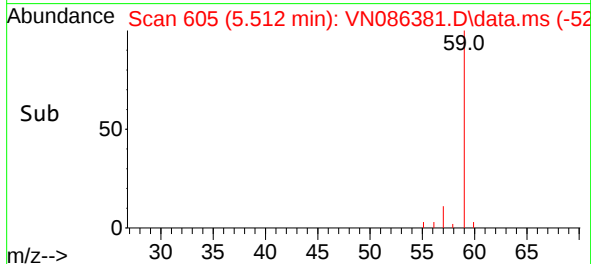
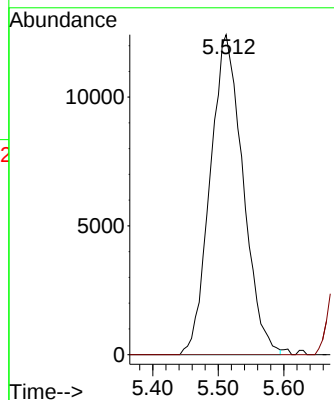
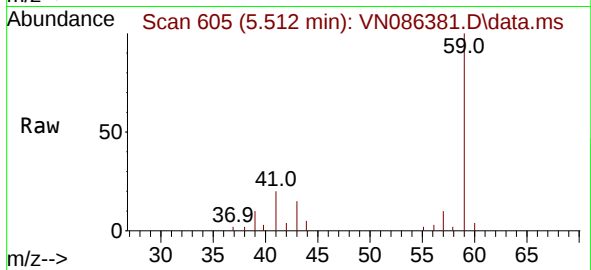




#23
tert-Butyl Alcohol
Concen: 104.953 ug/l
RT: 5.512 min Scan# 605
Delta R.T. -0.000 min
Lab File: VN086381.D
Acq: 23 Apr 2025 13:53

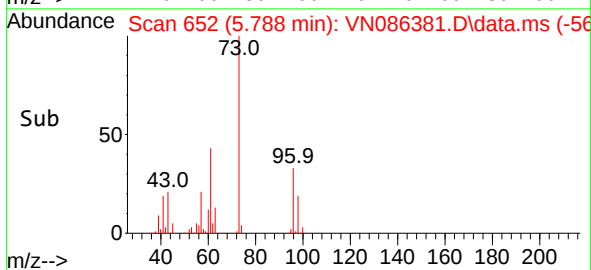
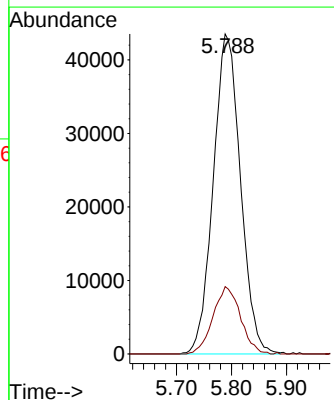
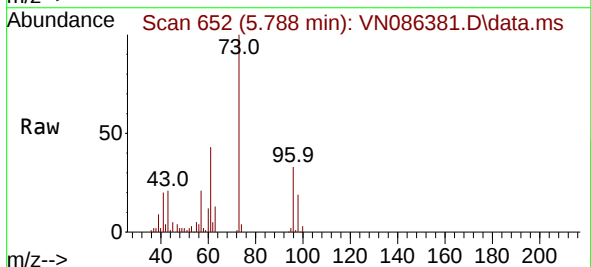
Instrument :
MSVOA_N
ClientSampleId :
ICVVN042325

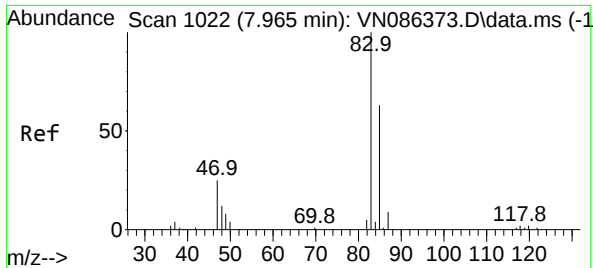
Tgt Ion: 59 Resp: 43113
Ion Ratio Lower Upper
59 100
52 0.0 0.1 0.1#



#24
Methyl tert-Butyl Ether
Concen: 20.147 ug/l
RT: 5.788 min Scan# 652
Delta R.T. -0.000 min
Lab File: VN086381.D
Acq: 23 Apr 2025 13:53

Tgt Ion: 73 Resp: 149632
Ion Ratio Lower Upper
73 100
43 21.2 17.1 25.7

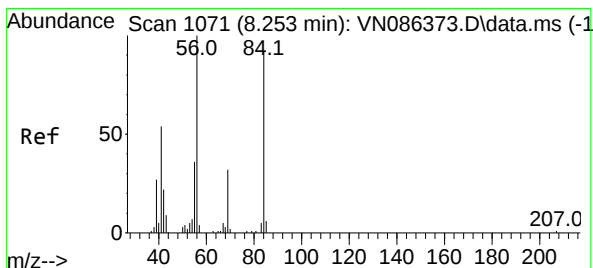
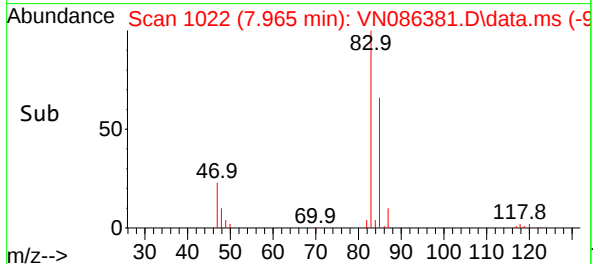
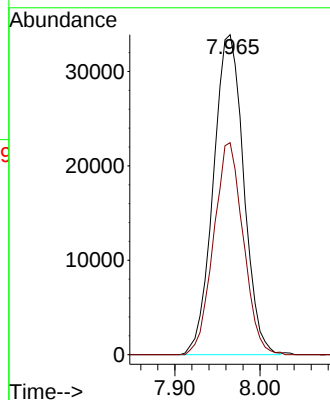
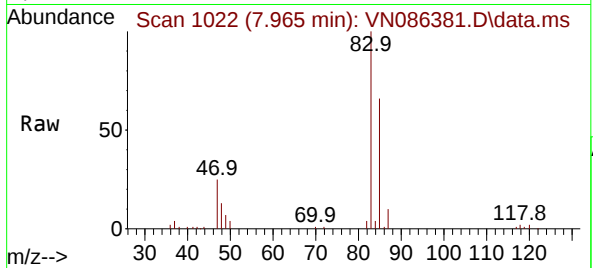




#25
Chloroform
Concen: 19.815 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. -0.000 min
Lab File: VN086381.D
Acq: 23 Apr 2025 13:53

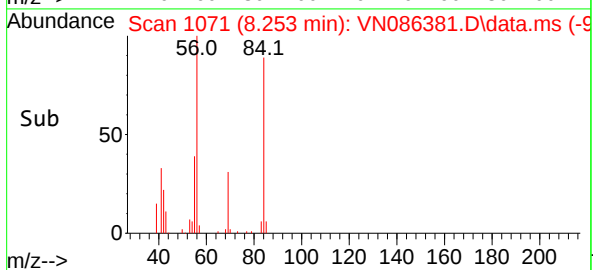
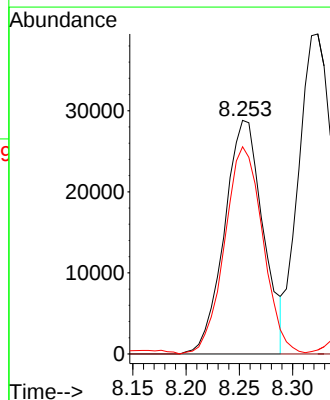
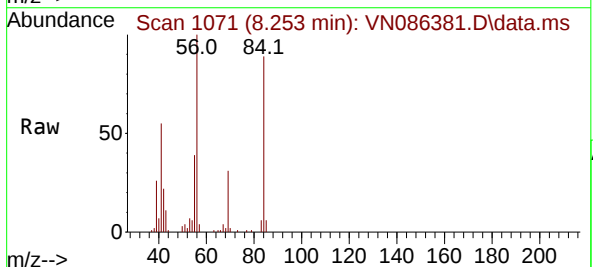
Instrument :
MSVOA_N
ClientSampleId :
ICVVN042325

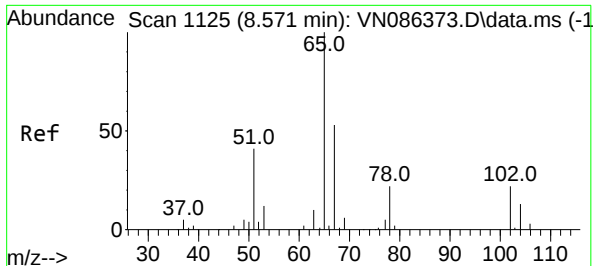
Tgt Ion: 83 Resp: 83891
Ion Ratio Lower Upper
83 100
85 66.2 50.2 75.2



#26
Cyclohexane
Concen: 19.705 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. -0.000 min
Lab File: VN086381.D
Acq: 23 Apr 2025 13:53

Tgt Ion: 56 Resp: 72784
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 87.6 71.5 107.3

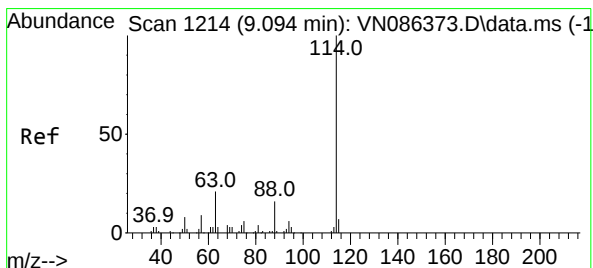
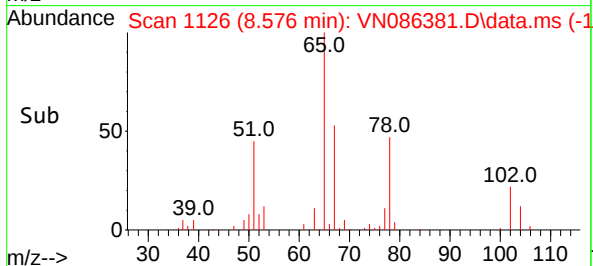
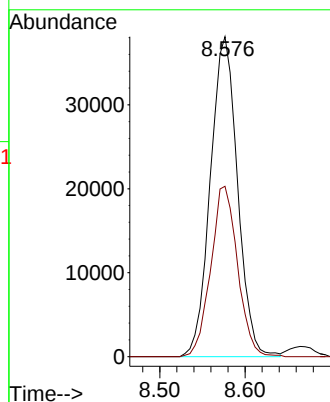
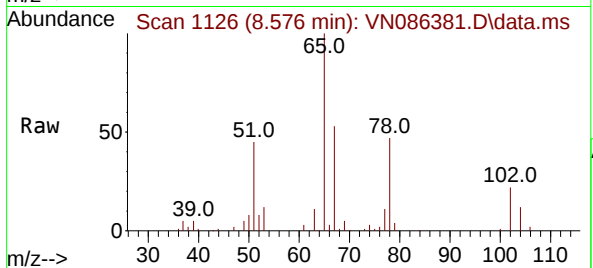




#27
 1,2-Dichloroethane-d4
 Concen: 30.399 ug/l
 RT: 8.576 min Scan# 1125
 Delta R.T. 0.006 min
 Lab File: VN086381.D
 Acq: 23 Apr 2025 13:53

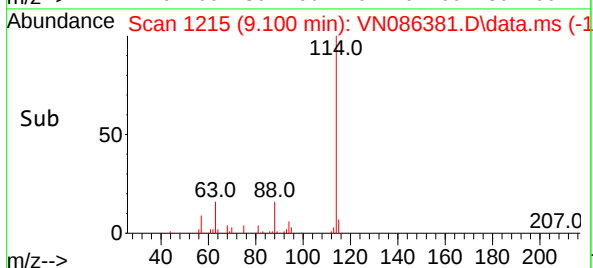
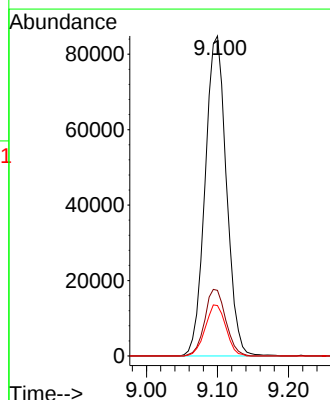
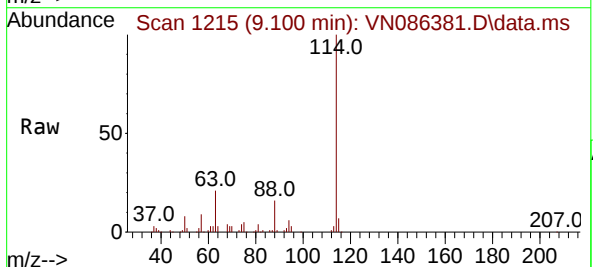
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN042325

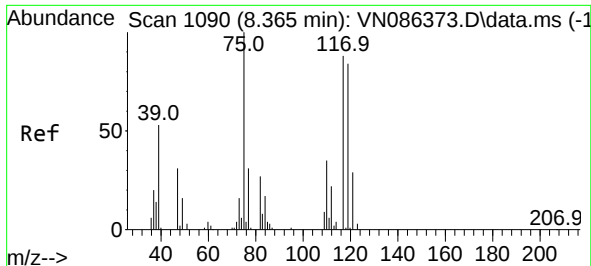
Tgt Ion: 65 Resp: 84449
 Ion Ratio Lower Upper
 65 100
 67 52.4 42.5 63.7



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 9.100 min Scan# 1215
 Delta R.T. 0.006 min
 Lab File: VN086381.D
 Acq: 23 Apr 2025 13:53

Tgt Ion: 114 Resp: 176766
 Ion Ratio Lower Upper
 114 100
 63 20.6 16.7 25.1
 88 15.5 12.6 19.0





#29

1,1-Dichloropropene

Concen: 19.252 ug/l

RT: 8.365 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN086381.D

Acq: 23 Apr 2025 13:53

Instrument :

MSVOA_N

ClientSampleId :

ICVVN042325

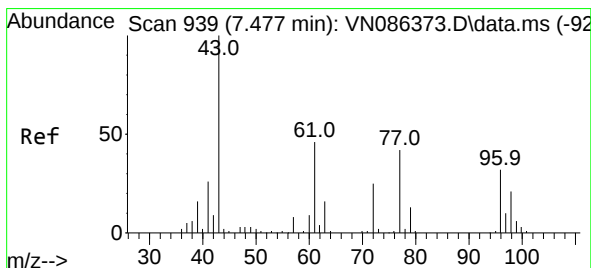
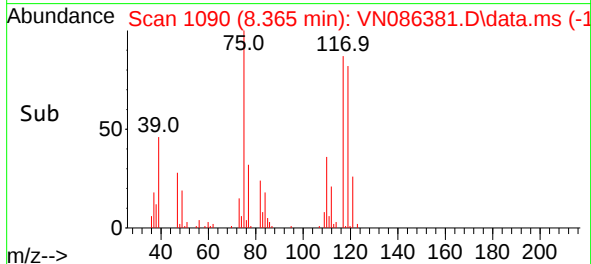
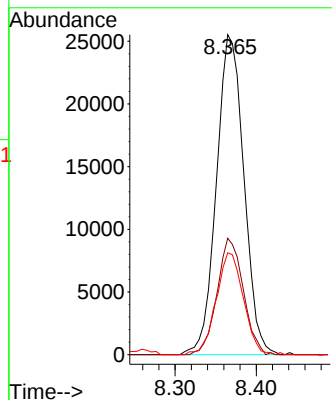
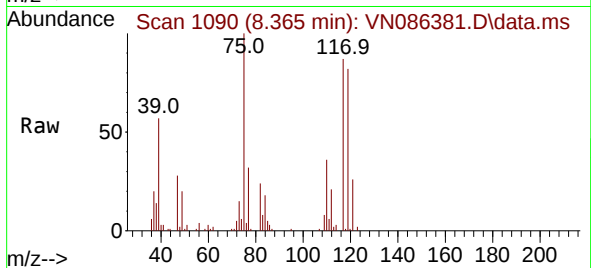
Tgt Ion: 75 Resp: 59993

Ion Ratio Lower Upper

75 100

110 34.6 0.0 68.0

77 31.5 0.0 61.4



#30

2-Butanone

Concen: 98.812 ug/l

RT: 7.477 min Scan# 939

Delta R.T. -0.000 min

Lab File: VN086381.D

Acq: 23 Apr 2025 13:53

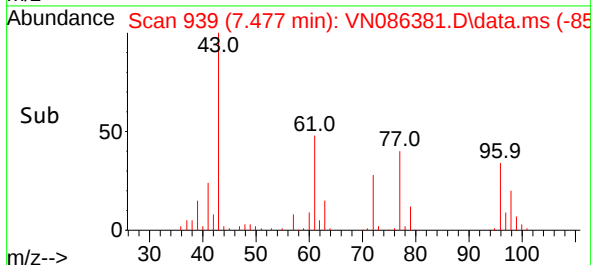
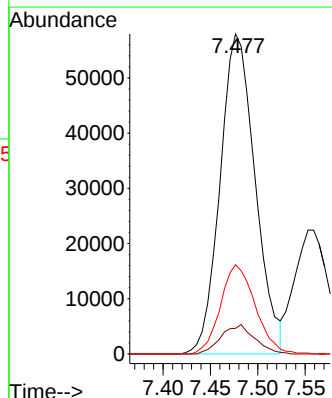
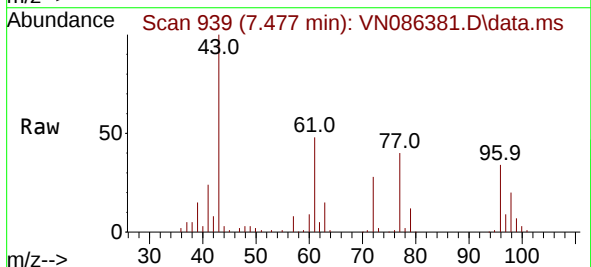
Tgt Ion: 43 Resp: 149457

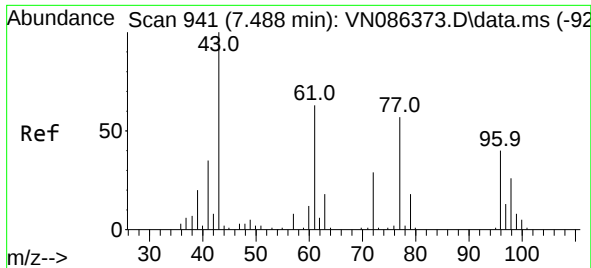
Ion Ratio Lower Upper

43 100

57 8.8 6.6 10.0

72 27.5 22.2 33.4

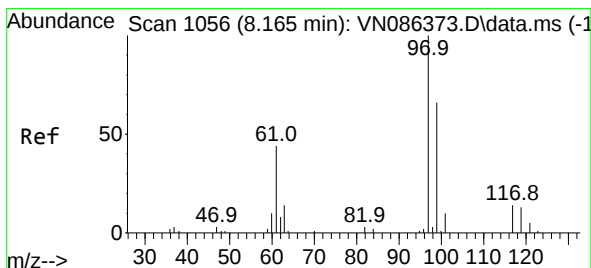
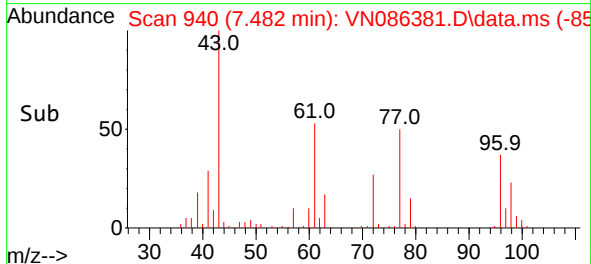
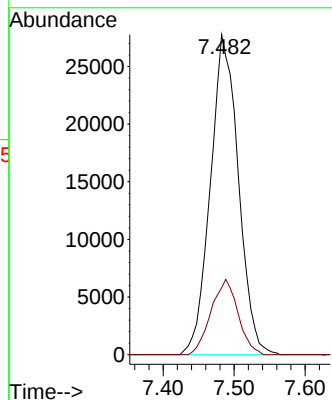
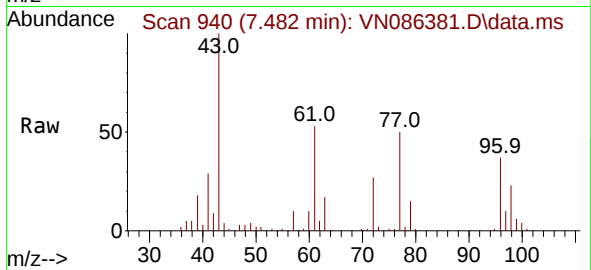




#31
2,2-Dichloropropane
Concen: 18.971 ug/l
RT: 7.482 min Scan# 941
Delta R.T. -0.006 min
Lab File: VN086381.D
Acq: 23 Apr 2025 13:53

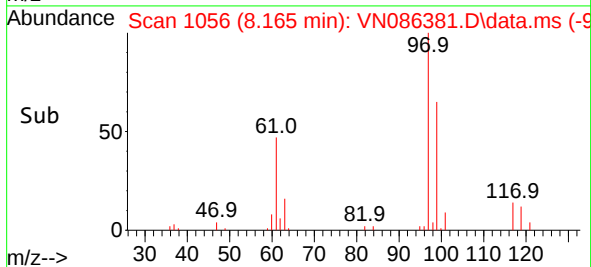
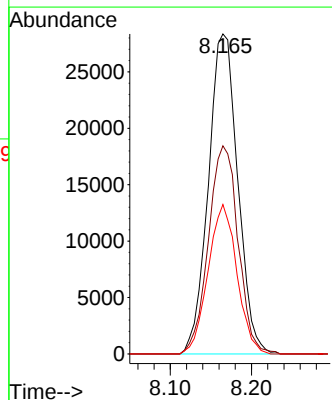
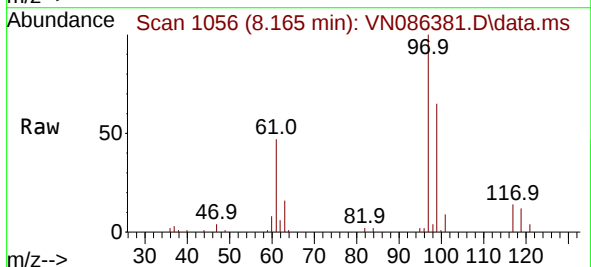
Instrument :
MSVOA_N
ClientSampleId :
ICVVN042325

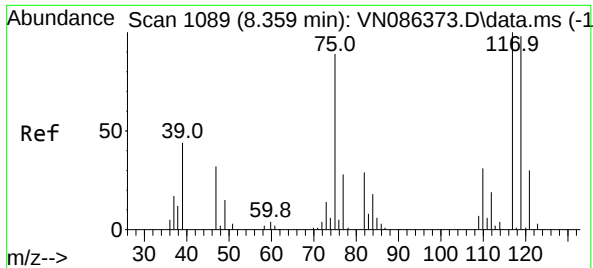
Tgt Ion: 77 Resp: 75995
Ion Ratio Lower Upper
77 100
97 22.7 18.2 27.2



#32
1,1,1-Trichloroethane
Concen: 19.213 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN086381.D
Acq: 23 Apr 2025 13:53

Tgt Ion: 97 Resp: 71545
Ion Ratio Lower Upper
97 100
99 65.6 52.6 79.0
61 45.8 36.4 54.6

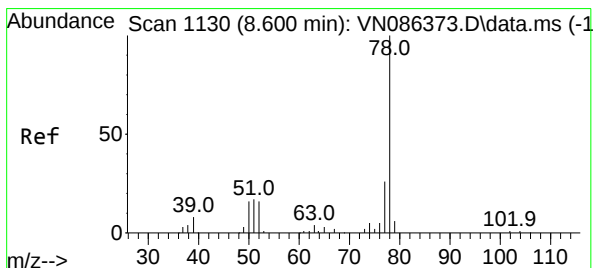
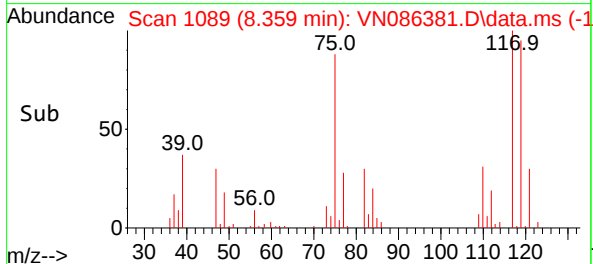
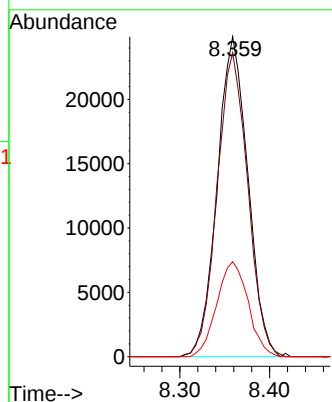
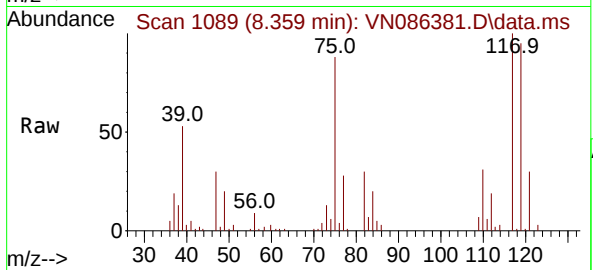




#33
Carbon Tetrachloride
Concen: 19.200 ug/l
RT: 8.359 min Scan# 1108
Delta R.T. -0.000 min
Lab File: VN086381.D
Acq: 23 Apr 2025 13:53

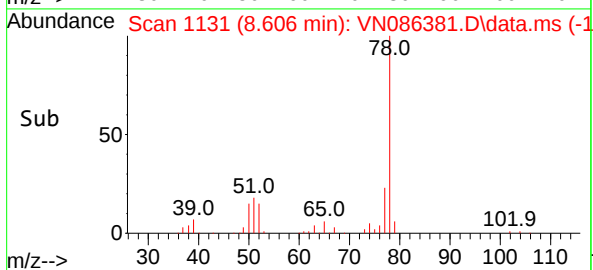
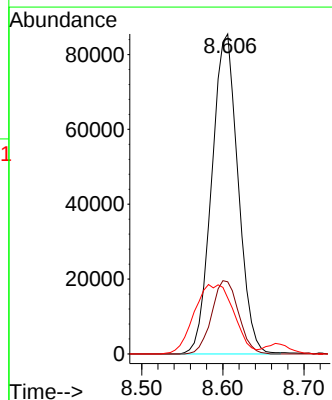
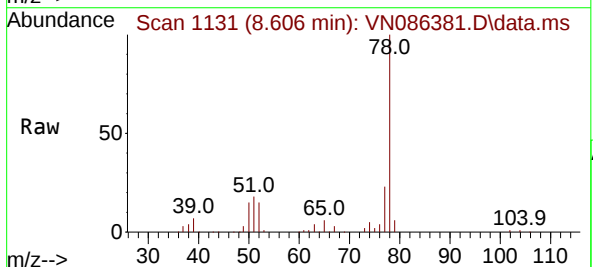
Instrument :
MSVOA_N
ClientSampleId :
ICVVN042325

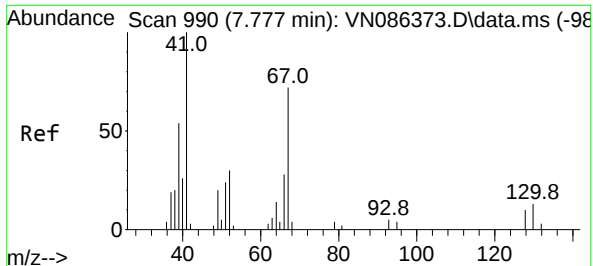
Tgt Ion:117 Resp: 58859
Ion Ratio Lower Upper
117 100
119 95.0 78.6 117.8
121 29.7 24.0 36.0



#34
Benzene
Concen: 19.408 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. 0.006 min
Lab File: VN086381.D
Acq: 23 Apr 2025 13:53

Tgt Ion: 78 Resp: 192366
Ion Ratio Lower Upper
78 100
77 22.6 20.8 31.2
51 14.9 14.0 21.0

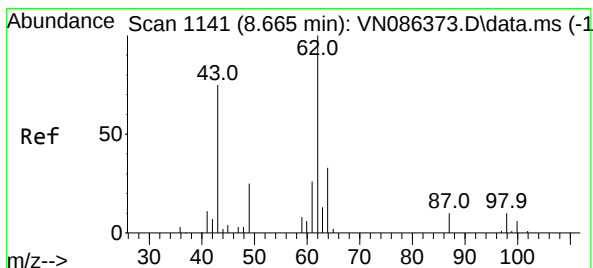
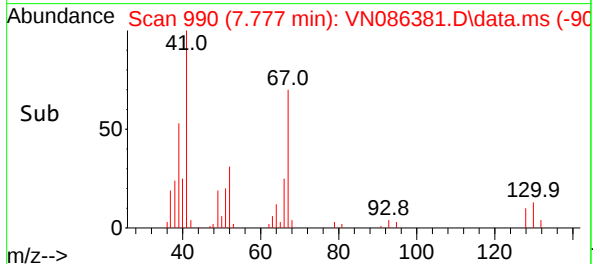
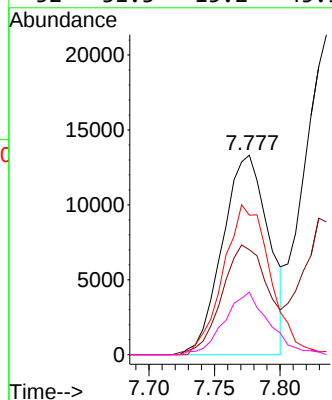
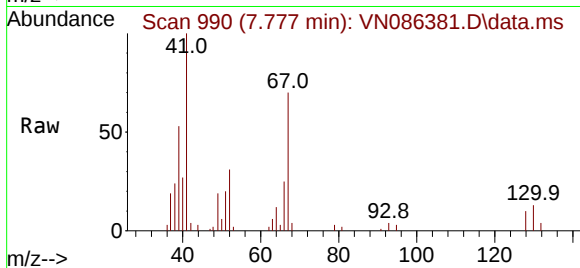




#35
Methacrylonitrile
Concen: 18.965 ug/l
RT: 7.777 min Scan# 990
Delta R.T. -0.000 min
Lab File: VN086381.D
Acq: 23 Apr 2025 13:53

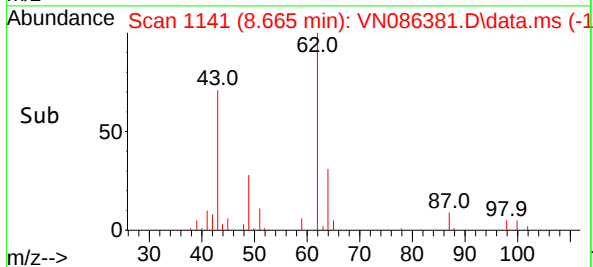
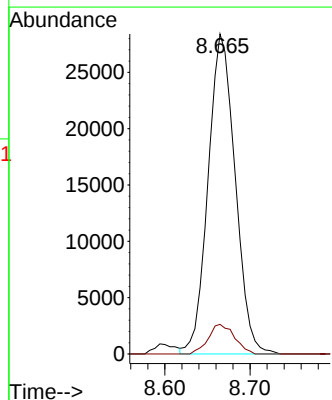
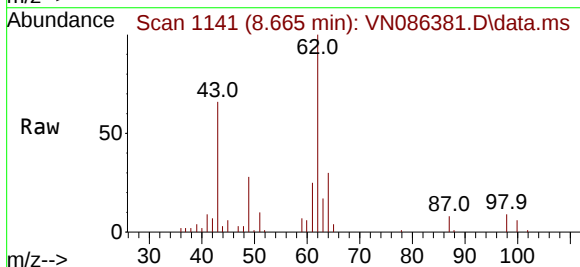
Instrument :
MSVOA_N
ClientSampleId :
ICVVN042325

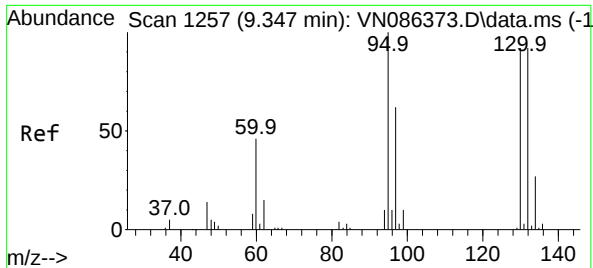
Tgt Ion:	41	Resp:	32722
Ion	Ratio	Lower	Upper
41	100		
39	51.5	27.0	80.8
67	69.9	35.8	107.3
52	31.3	15.2	45.5



#36
1,2-Dichloroethane
Concen: 19.464 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. -0.000 min
Lab File: VN086381.D
Acq: 23 Apr 2025 13:53

Tgt Ion:	62	Resp:	62633
Ion	Ratio	Lower	Upper
62	100		
98	9.0	7.6	11.4

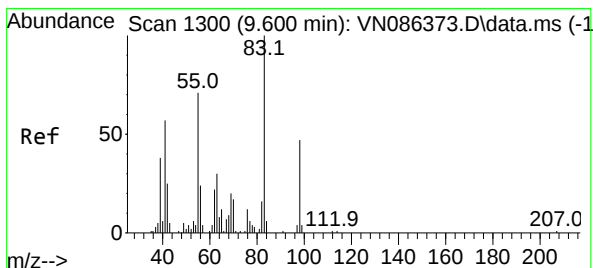
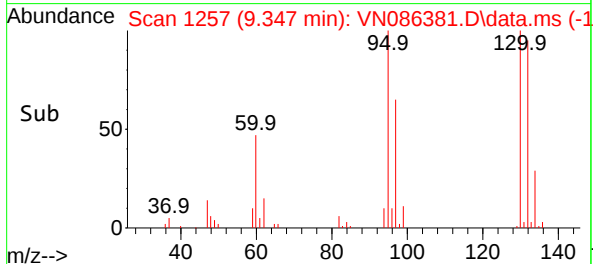
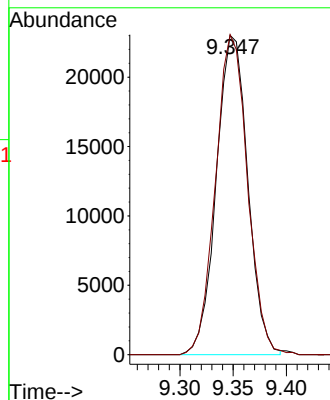
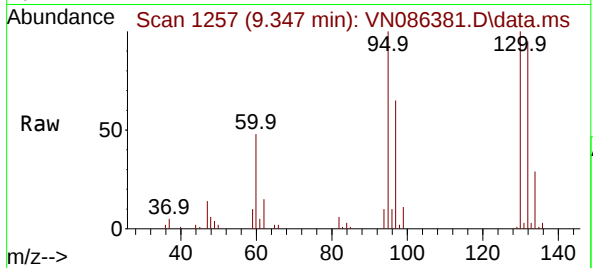




#37
Trichloroethene
Concen: 19.047 ug/l
RT: 9.347 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086381.D
Acq: 23 Apr 2025 13:53

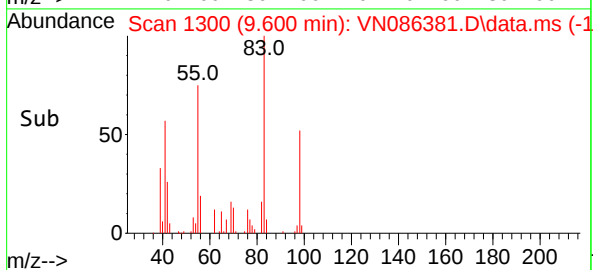
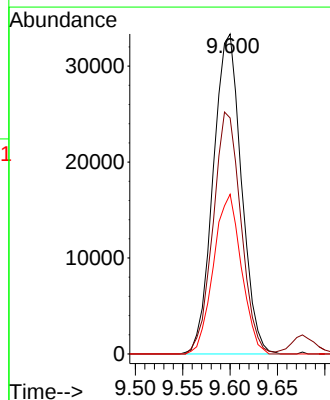
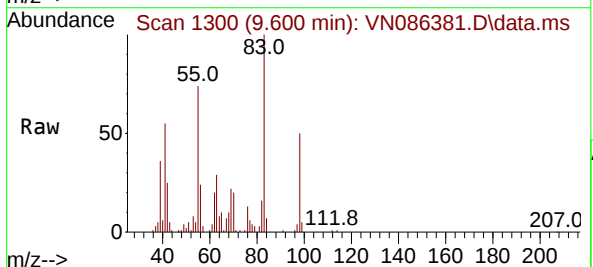
Instrument :
MSVOA_N
ClientSampleId :
ICVVN042325

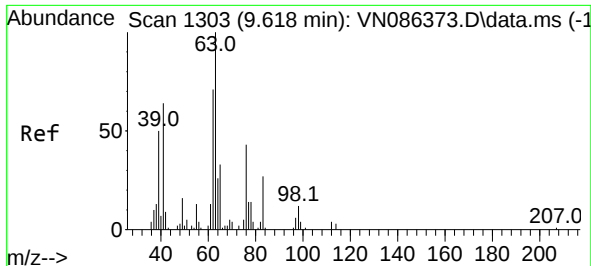
Tgt Ion:130 Resp: 47260
Ion Ratio Lower Upper
130 100
95 100.2 86.6 130.0



#38
Methylcyclohexane
Concen: 19.209 ug/l
RT: 9.600 min Scan# 1300
Delta R.T. -0.000 min
Lab File: VN086381.D
Acq: 23 Apr 2025 13:53

Tgt Ion: 83 Resp: 69133
Ion Ratio Lower Upper
83 100
55 74.7 37.3 111.9
98 49.3 23.8 71.5





#39

1,2-Dichloropropane

Concen: 19.063 ug/l

RT: 9.618 min Scan# 1303

Delta R.T. -0.000 min

Lab File: VN086381.D

Acq: 23 Apr 2025 13:53

Instrument :

MSVOA_N

ClientSampleId :

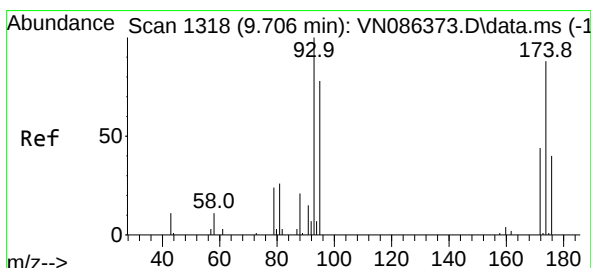
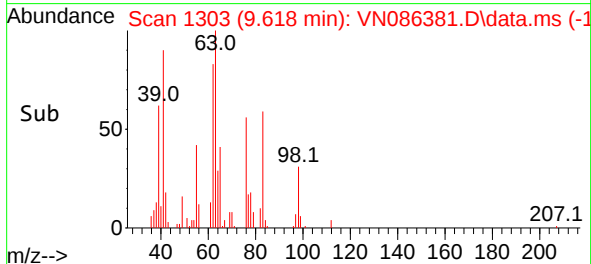
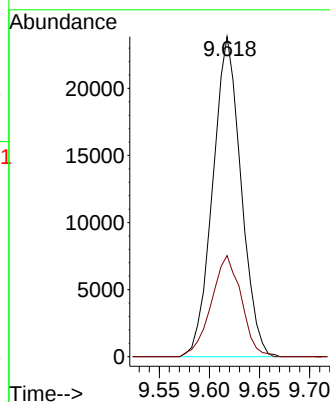
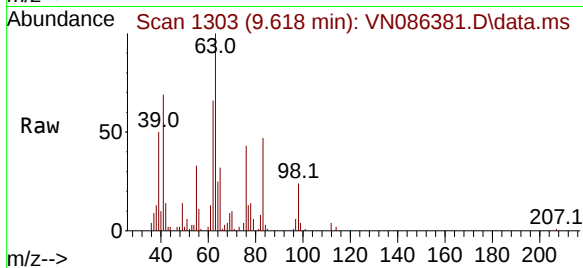
ICVVN042325

Tgt Ion: 63 Resp: 46678

Ion Ratio Lower Upper

63 100

65 31.6 26.7 40.1



#40

Dibromomethane

Concen: 19.273 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. -0.000 min

Lab File: VN086381.D

Acq: 23 Apr 2025 13:53

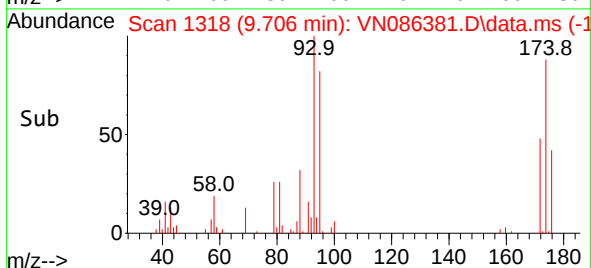
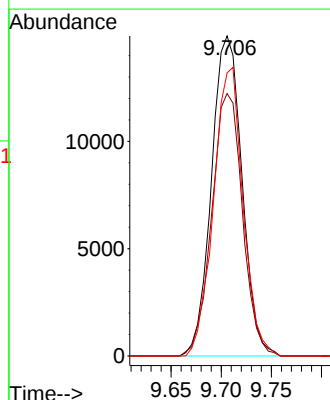
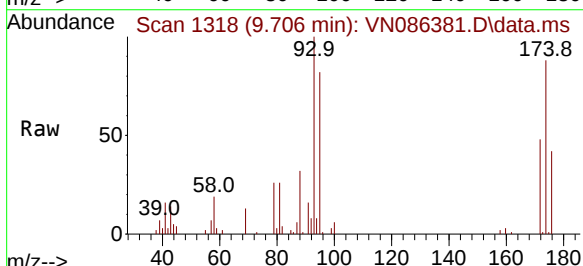
Tgt Ion: 93 Resp: 31560

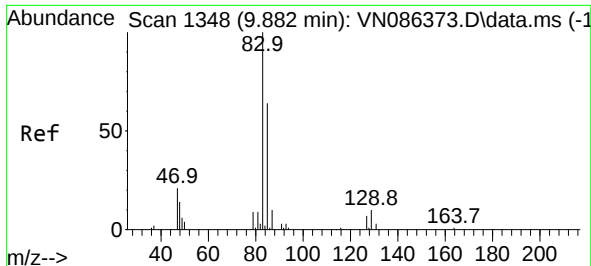
Ion Ratio Lower Upper

93 100

95 82.4 0.0 159.2

174 87.2 0.0 171.4

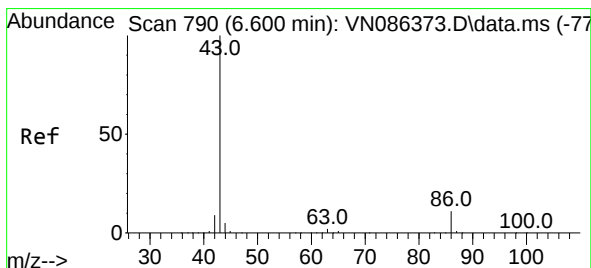
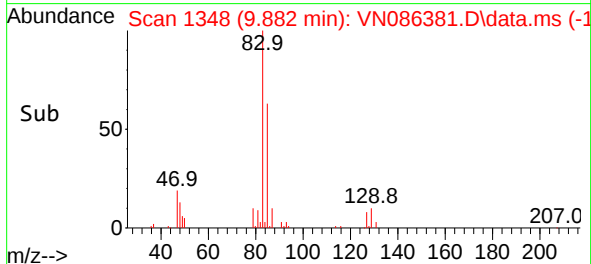
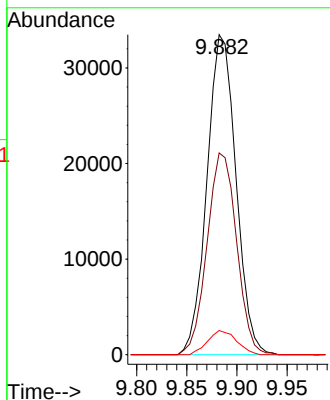
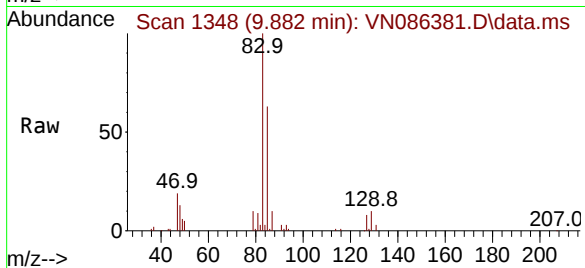




#41
Bromodichloromethane
Concen: 19.438 ug/l
RT: 9.882 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086381.D
Acq: 23 Apr 2025 13:53

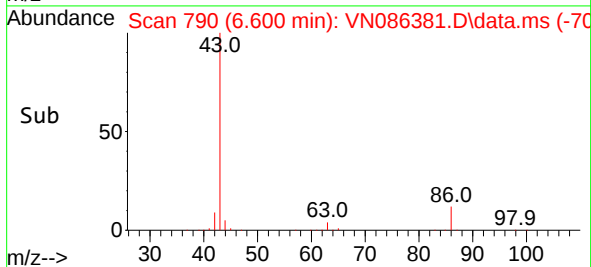
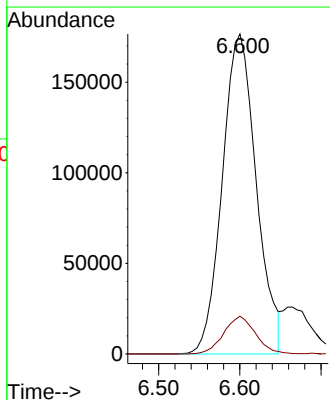
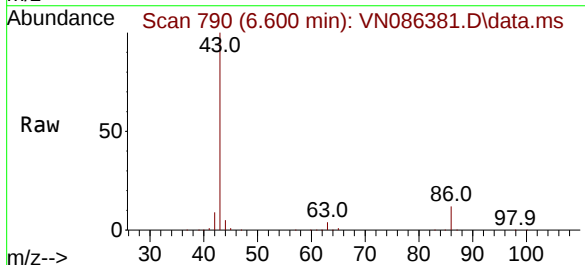
Instrument :
MSVOA_N
ClientSampleId :
ICVVN042325

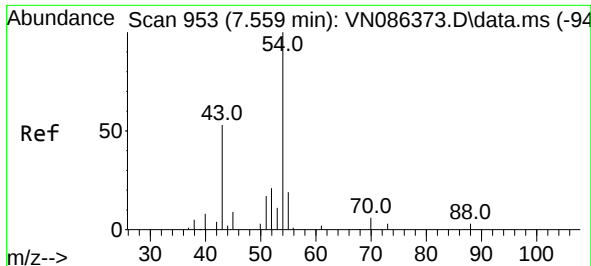
Tgt Ion: 83 Resp: 67356
Ion Ratio Lower Upper
83 100
85 63.1 51.1 76.7
127 7.6 5.9 8.9



#42
Vinyl Acetate
Concen: 98.241 ug/l
RT: 6.600 min Scan# 790
Delta R.T. -0.000 min
Lab File: VN086381.D
Acq: 23 Apr 2025 13:53

Tgt Ion: 43 Resp: 514738
Ion Ratio Lower Upper
43 100
86 11.0 8.9 13.3

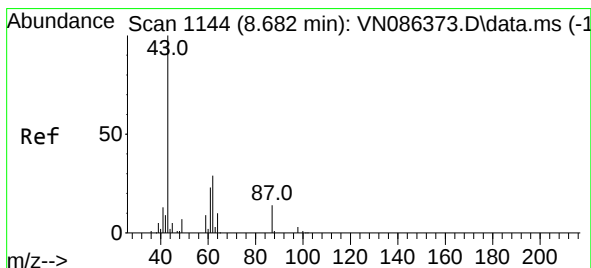
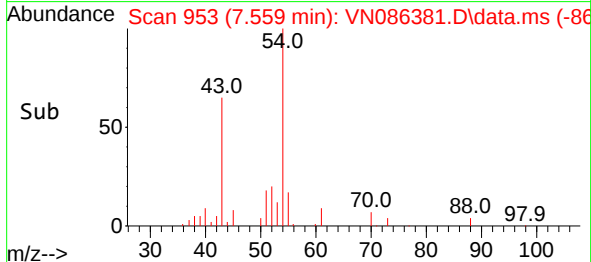
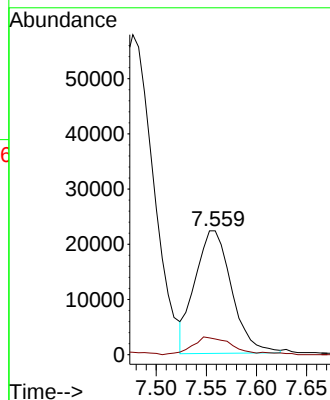
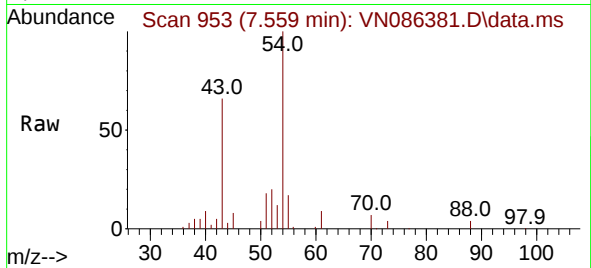




#43
Ethyl Acetate
Concen: 18.897 ug/l
RT: 7.559 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN086381.D
Acq: 23 Apr 2025 13:53

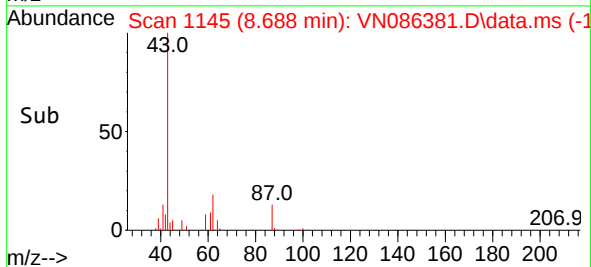
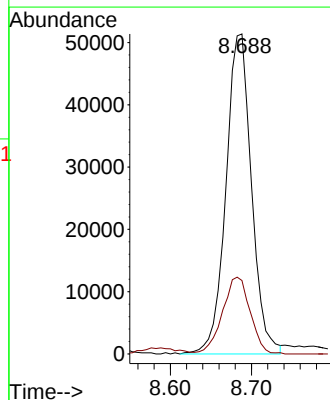
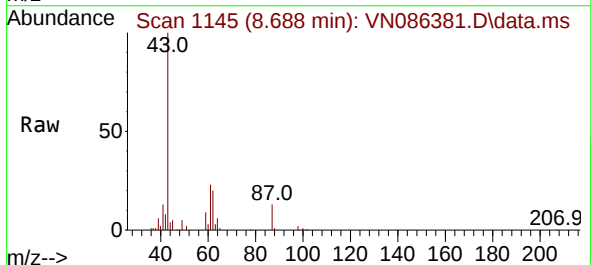
Instrument :
MSVOA_N
ClientSampleId :
ICVVN042325

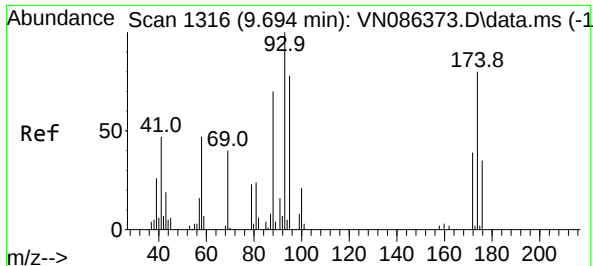
Tgt Ion: 43 Resp: 56564
Ion Ratio Lower Upper
43 100
45 14.9 11.4 17.2



#44
Isopropyl Acetate
Concen: 19.805 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.006 min
Lab File: VN086381.D
Acq: 23 Apr 2025 13:53

Tgt Ion: 43 Resp: 112514
Ion Ratio Lower Upper
43 100
61 25.4 21.0 31.4

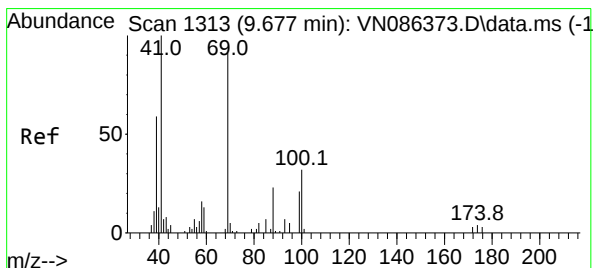
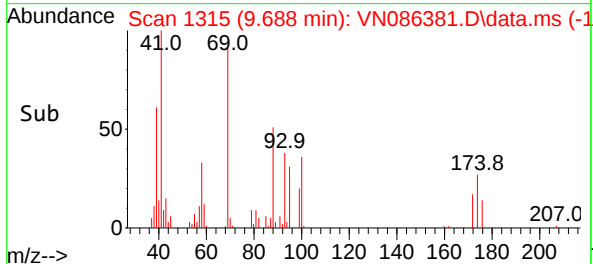
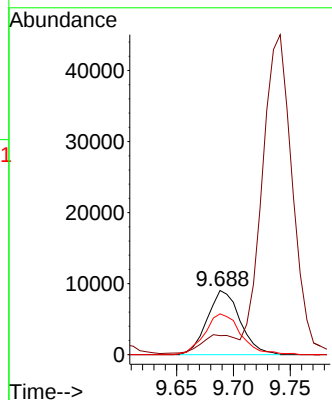
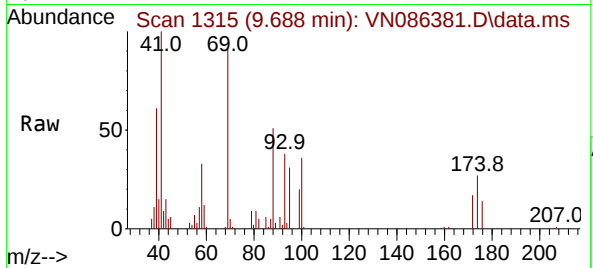




#45
1,4-Dioxane
Concen: 411.534 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. -0.006 min
Lab File: VN086381.D
Acq: 23 Apr 2025 13:53

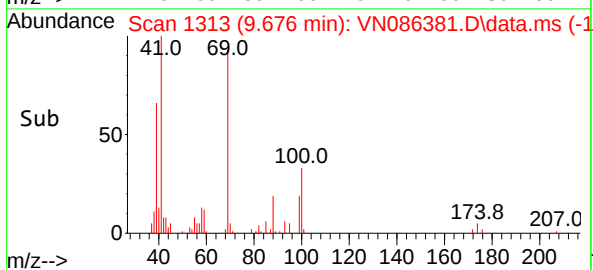
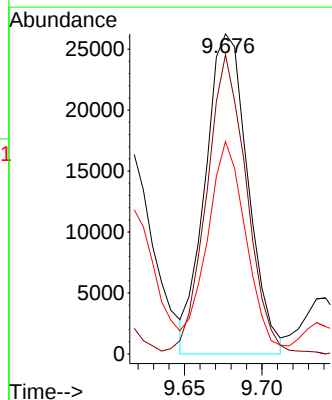
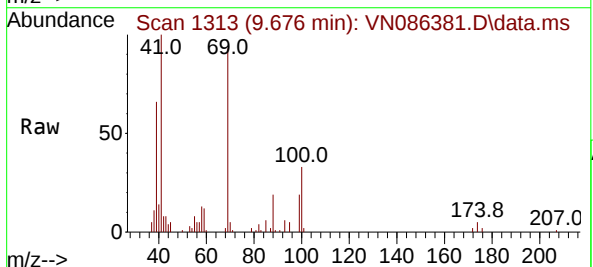
Instrument :
MSVOA_N
ClientSampleId :
ICVVN042325

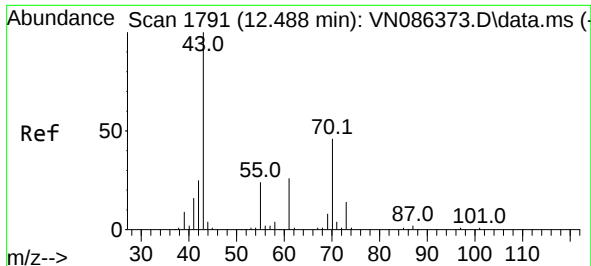
Tgt Ion: 88 Resp: 18241
Ion Ratio Lower Upper
88 100
43 31.7 24.9 37.3
58 69.3 57.8 86.8



#46
Methyl methacrylate
Concen: 19.190 ug/l
RT: 9.676 min Scan# 1313
Delta R.T. -0.000 min
Lab File: VN086381.D
Acq: 23 Apr 2025 13:53

Tgt Ion: 41 Resp: 50286
Ion Ratio Lower Upper
41 100
69 95.5 44.1 132.3
39 66.9 30.0 90.1

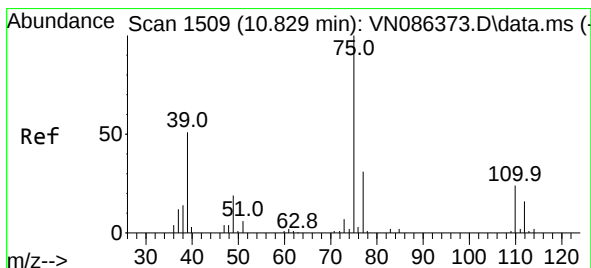
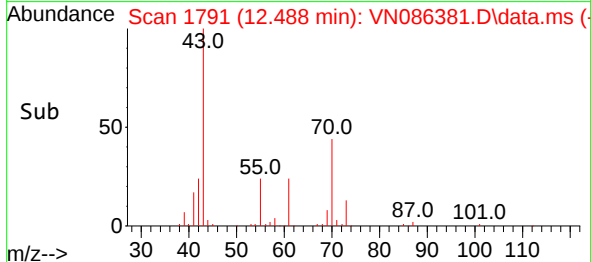
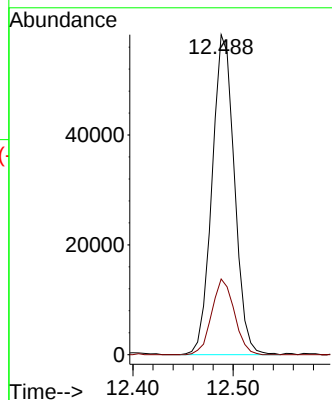
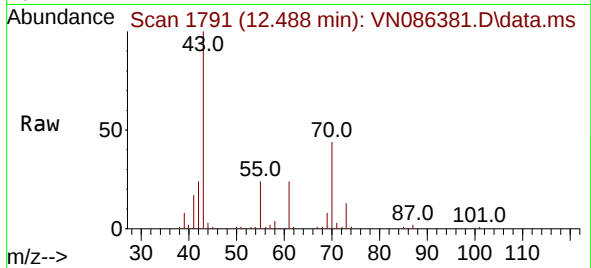




#47
n-amyl acetate
Concen: 18.642 ug/l
RT: 12.488 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VN086381.D
Acq: 23 Apr 2025 13:53

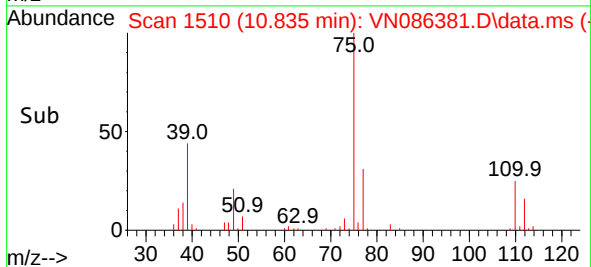
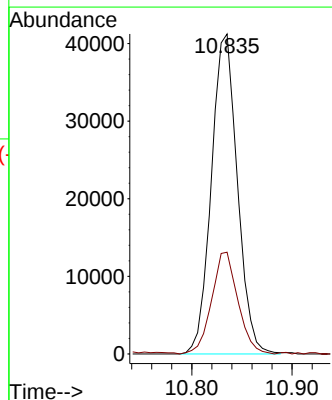
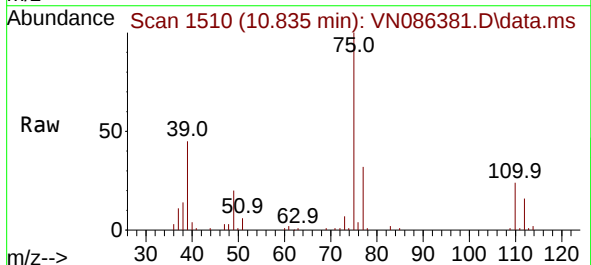
Instrument :
MSVOA_N
ClientSampleId :
ICVVN042325

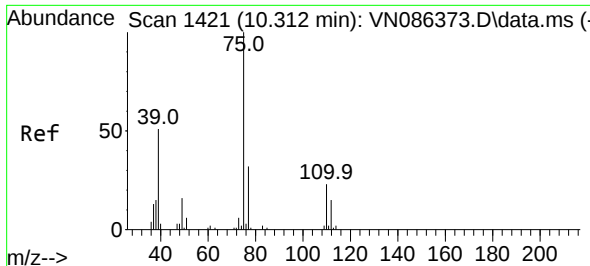
Tgt Ion: 43 Resp: 90266
Ion Ratio Lower Upper
43 100
55 23.9 19.4 29.0



#48
t-1,3-Dichloropropene
Concen: 19.167 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. 0.006 min
Lab File: VN086381.D
Acq: 23 Apr 2025 13:53

Tgt Ion: 75 Resp: 74255
Ion Ratio Lower Upper
75 100
77 31.8 24.4 36.6

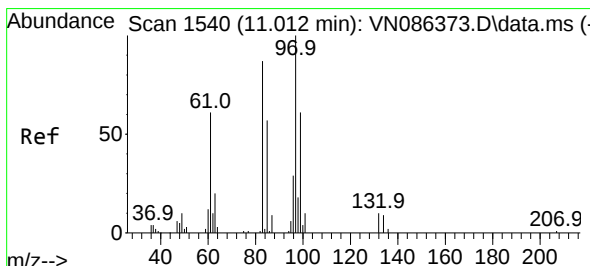
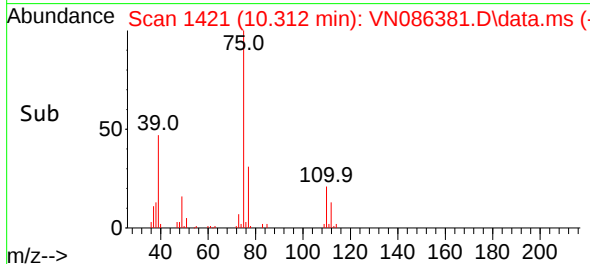
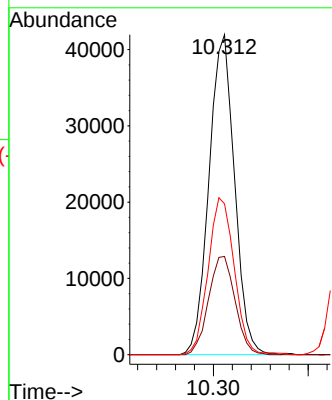
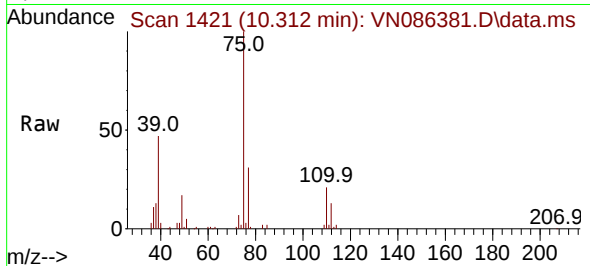




#49
 cis-1,3-Dichloropropene
 Concen: 19.233 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. -0.000 min
 Lab File: VN086381.D
 Acq: 23 Apr 2025 13:53

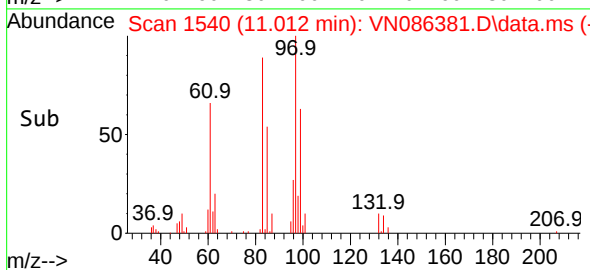
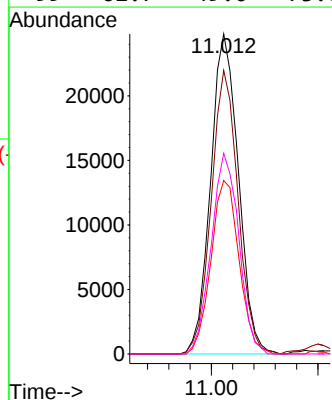
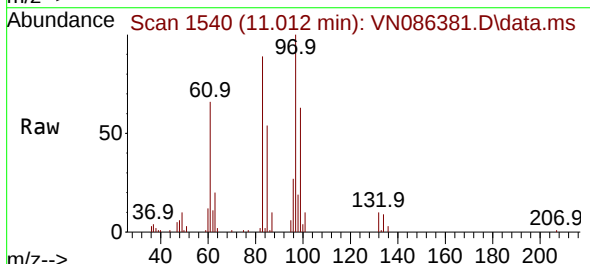
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN042325

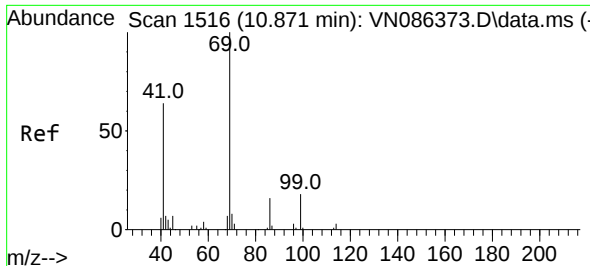
Tgt Ion:	75	Resp:	78577
Ion	Ratio	Lower	Upper
75	100		
77	30.7	25.6	38.4
39	47.2	40.6	60.8



#50
 1,1,2-Trichloroethane
 Concen: 19.666 ug/l
 RT: 11.012 min Scan# 1540
 Delta R.T. -0.000 min
 Lab File: VN086381.D
 Acq: 23 Apr 2025 13:53

Tgt Ion:	97	Resp:	44981
Ion	Ratio	Lower	Upper
97	100		
83	88.6	69.3	103.9
85	54.2	45.5	68.3
99	62.7	49.0	73.6

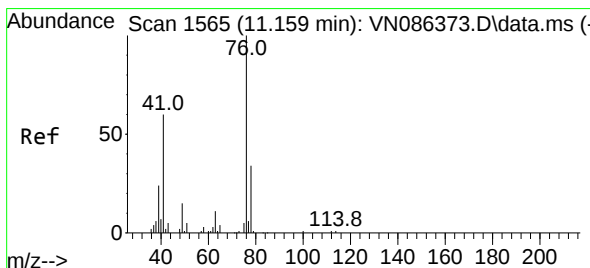
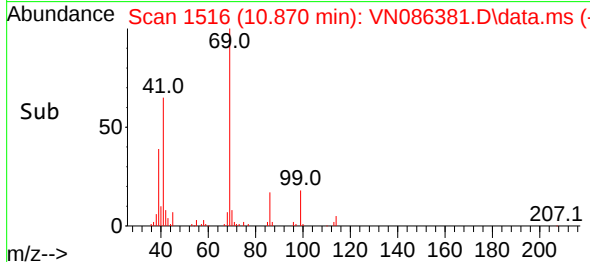
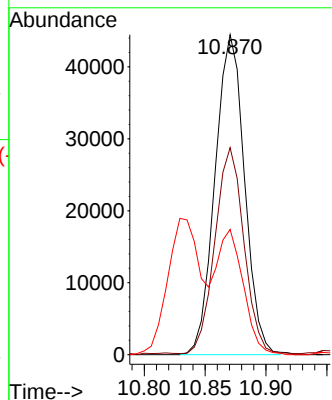
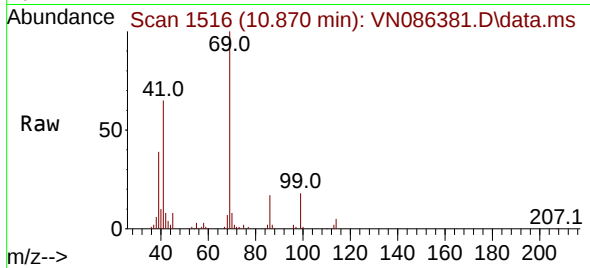




#51
Ethyl methacrylate
Concen: 18.819 ug/l
RT: 10.870 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VN086381.D
Acq: 23 Apr 2025 13:53

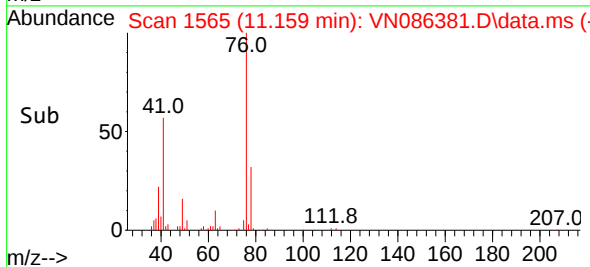
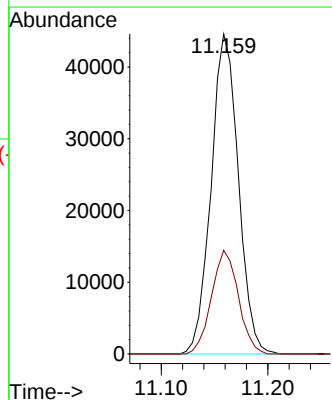
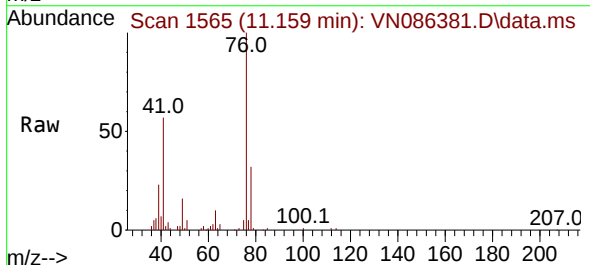
Instrument :
MSVOA_N
ClientSampleId :
ICVVN042325

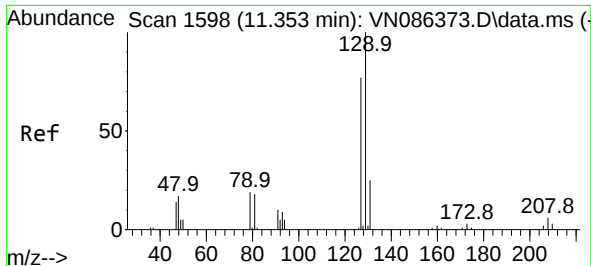
Tgt Ion: 69 Resp: 74966
Ion Ratio Lower Upper
69 100
41 64.4 32.3 96.8
39 38.7 19.1 57.1



#52
1,3-Dichloropropane
Concen: 19.590 ug/l
RT: 11.159 min Scan# 1565
Delta R.T. -0.000 min
Lab File: VN086381.D
Acq: 23 Apr 2025 13:53

Tgt Ion: 76 Resp: 79190
Ion Ratio Lower Upper
76 100
78 32.0 0.0 65.6

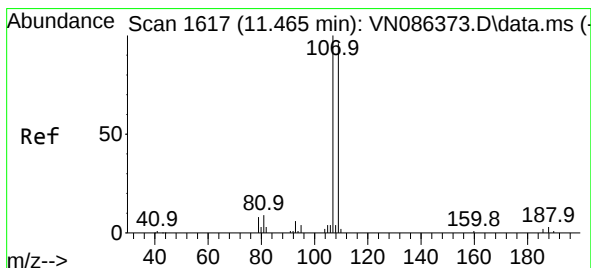
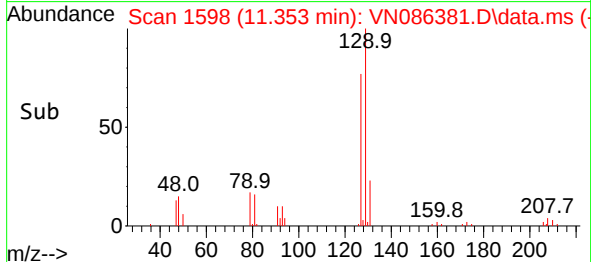
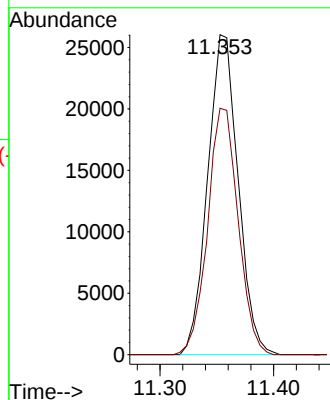
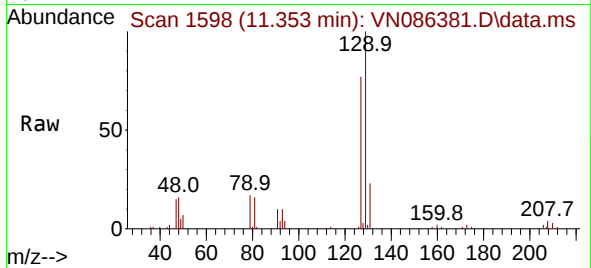




#53
Dibromochloromethane
Concen: 18.927 ug/l
RT: 11.353 min Scan# 1598
Delta R.T. -0.000 min
Lab File: VN086381.D
Acq: 23 Apr 2025 13:53

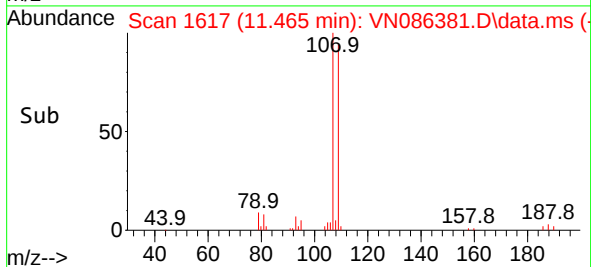
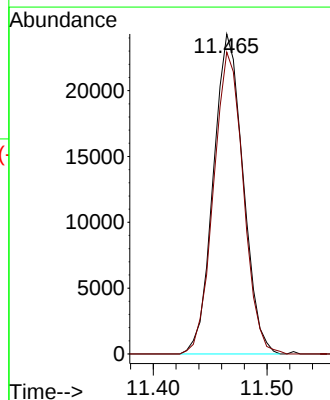
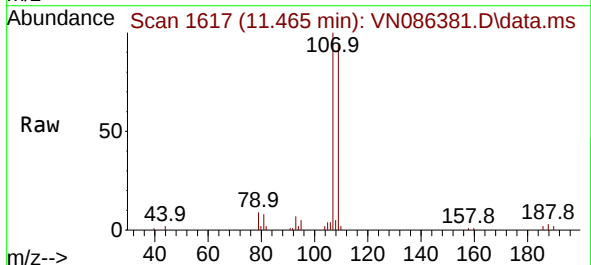
Instrument :
MSVOA_N
ClientSampleId :
ICVVN042325

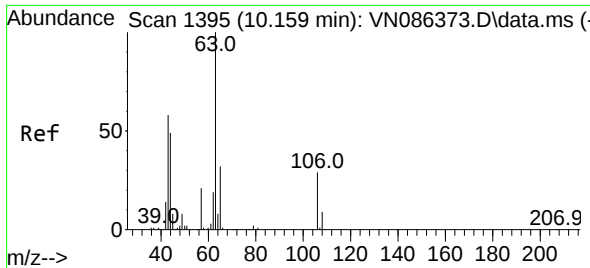
Tgt Ion:129 Resp: 48611
Ion Ratio Lower Upper
129 100
127 76.9 38.8 116.3



#54
1,2-Dibromoethane
Concen: 19.043 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VN086381.D
Acq: 23 Apr 2025 13:53

Tgt Ion:107 Resp: 44285
Ion Ratio Lower Upper
107 100
109 94.3 75.4 113.0

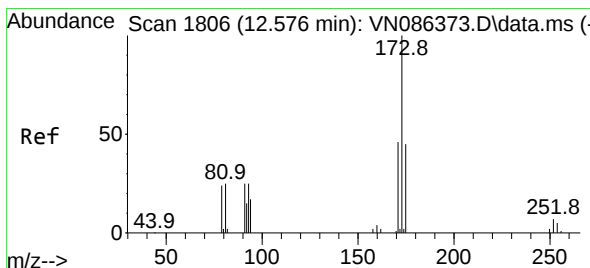
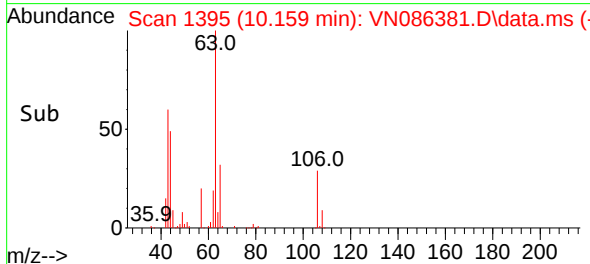
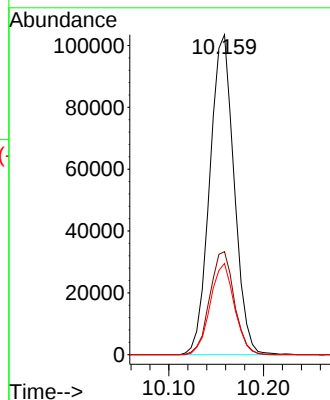
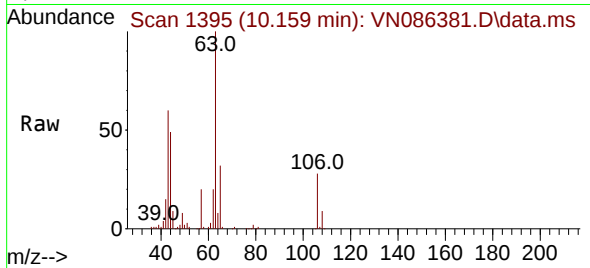




#55
2-Chloroethyl vinyl ether
Concen: 98.770 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VN086381.D
Acq: 23 Apr 2025 13:53

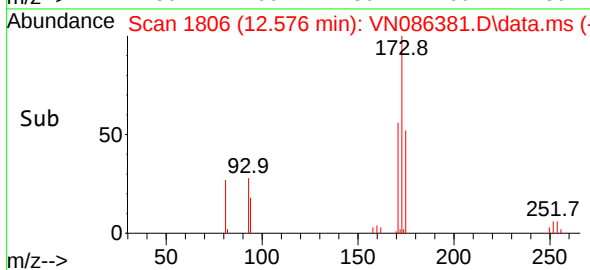
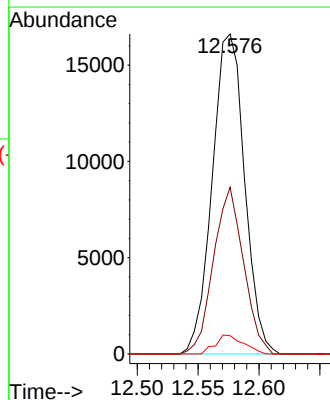
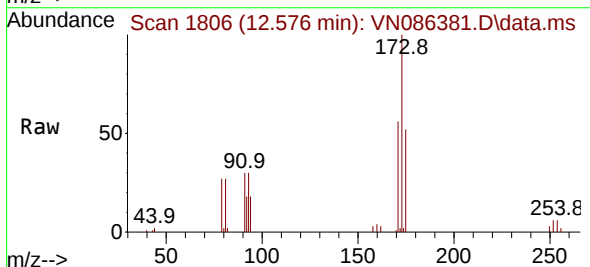
Instrument :
MSVOA_N
ClientSampleId :
ICVVN042325

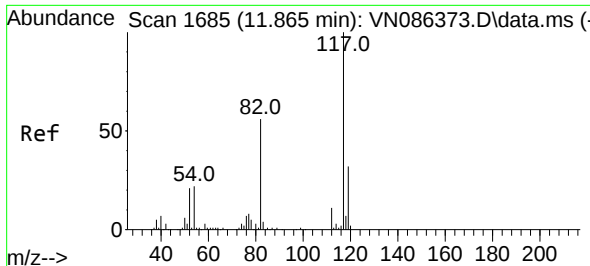
Tgt Ion: 63 Resp: 184980
Ion Ratio Lower Upper
63 100
65 32.5 25.7 38.5
106 28.3 22.3 33.5



#56
Bromoform
Concen: 18.434 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VN086381.D
Acq: 23 Apr 2025 13:53

Tgt Ion: 173 Resp: 30722
Ion Ratio Lower Upper
173 100
175 48.3 39.0 58.6
254 5.1 3.8 5.6

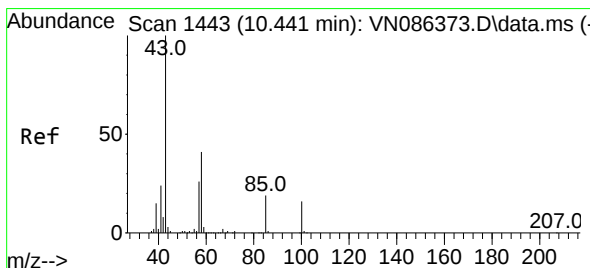
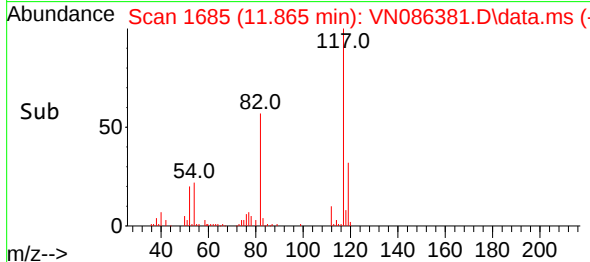
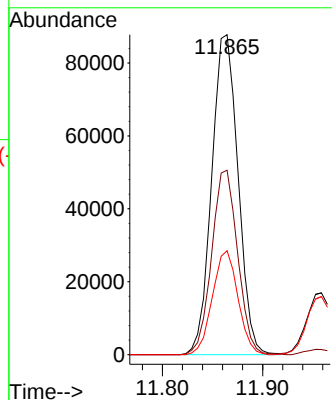
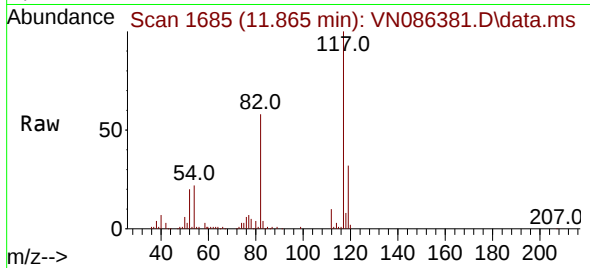




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 1170
Delta R.T. -0.000 min
Lab File: VN086381.D
Acq: 23 Apr 2025 13:53

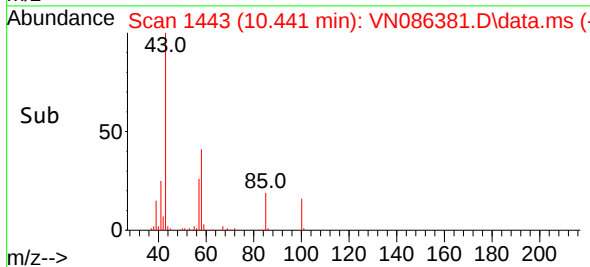
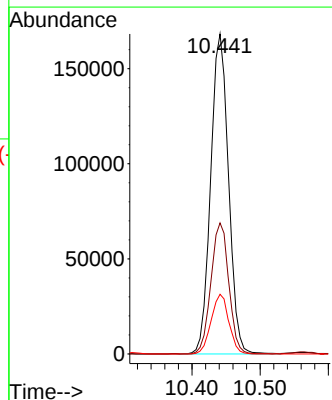
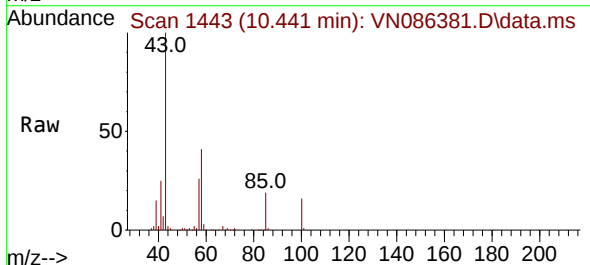
Instrument :
MSVOA_N
ClientSampleId :
ICVVN042325

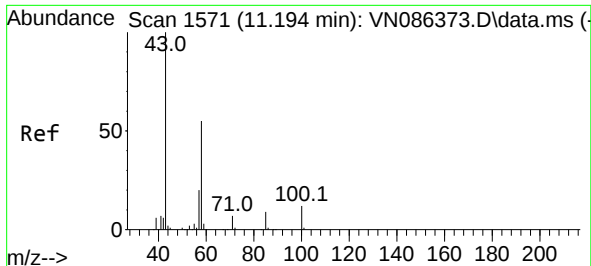
Tgt Ion:117 Resp: 160412
Ion Ratio Lower Upper
117 100
82 57.0 45.5 68.3
119 31.5 25.9 38.9



#58
4-Methyl-2-Pentanone
Concen: 98.743 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. -0.000 min
Lab File: VN086381.D
Acq: 23 Apr 2025 13:53

Tgt Ion: 43 Resp: 306519
Ion Ratio Lower Upper
43 100
58 40.9 33.0 49.6
85 18.5 14.9 22.3

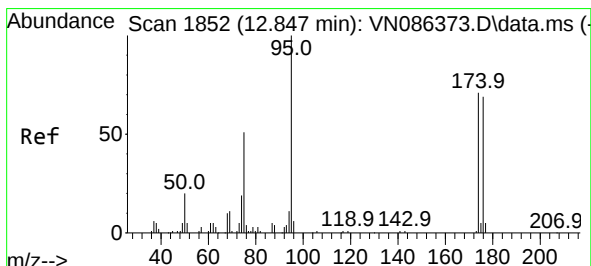
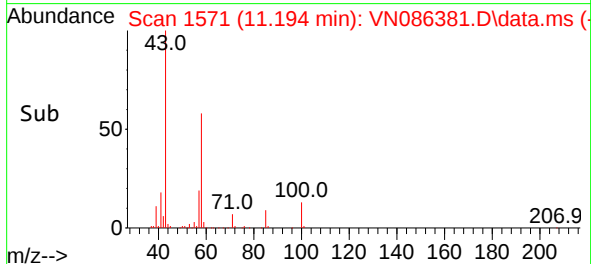
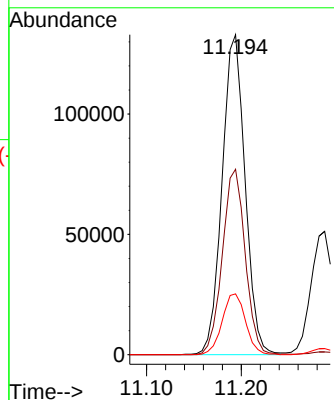
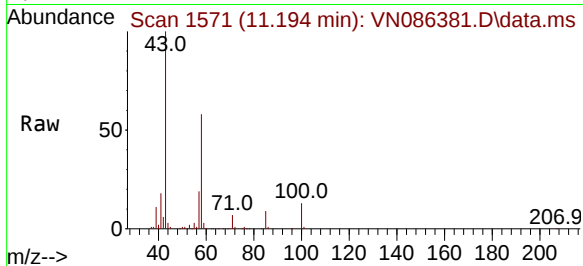




#59
2-Hexanone
Concen: 98.060 ug/l
RT: 11.194 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086381.D
Acq: 23 Apr 2025 13:53

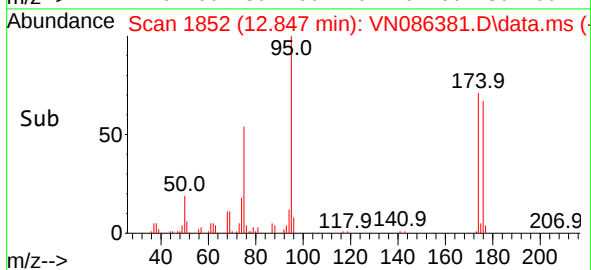
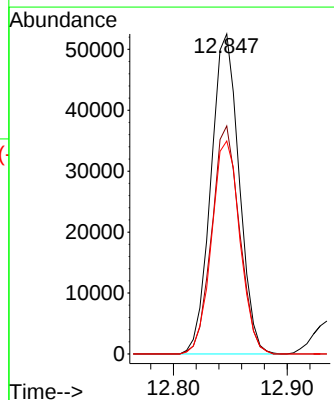
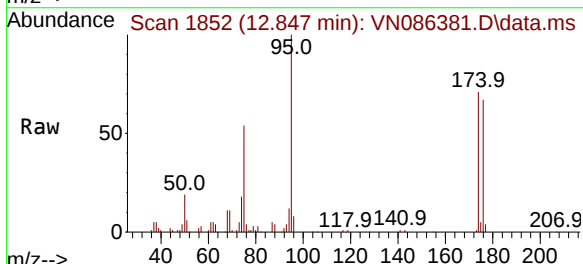
Instrument :
MSVOA_N
ClientSampleId :
ICVVN042325

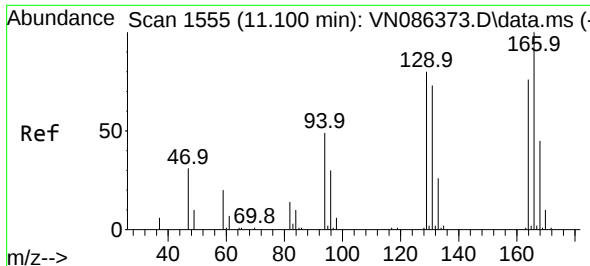
Tgt Ion: 43 Resp: 224318
Ion Ratio Lower Upper
43 100
58 57.7 45.0 67.6
57 19.4 15.5 23.3



#60
4-Bromofluorobenzene
Concen: 28.685 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086381.D
Acq: 23 Apr 2025 13:53

Tgt Ion: 95 Resp: 90439
Ion Ratio Lower Upper
95 100
174 70.0 56.6 84.8
176 66.9 53.3 79.9

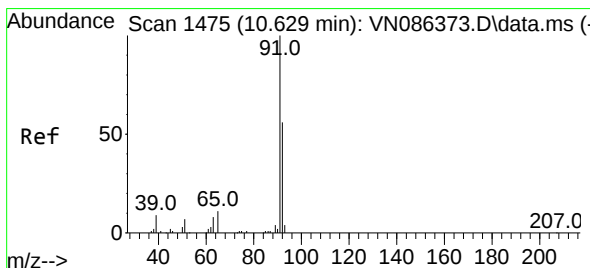
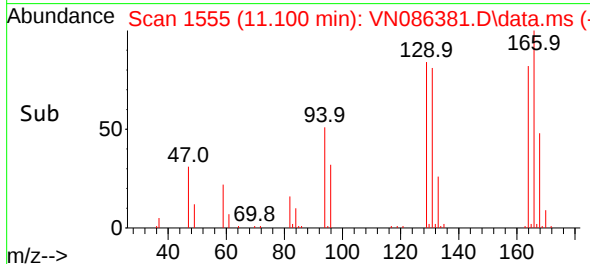
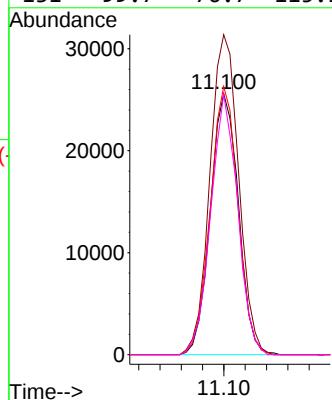
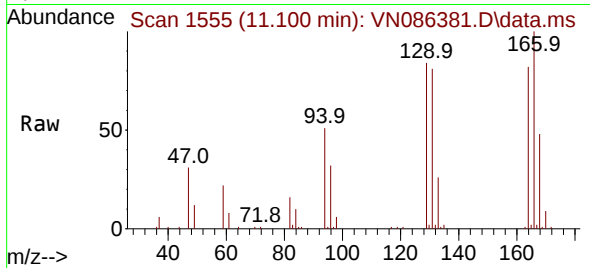




#61
Tetrachloroethene
Concen: 19.102 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VN086381.D
Acq: 23 Apr 2025 13:53

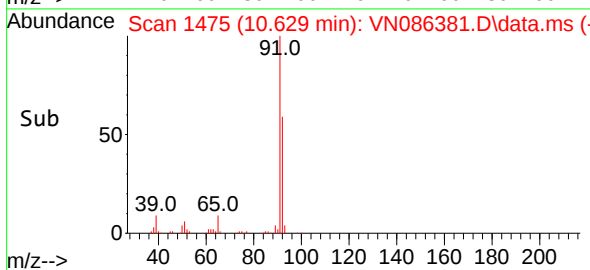
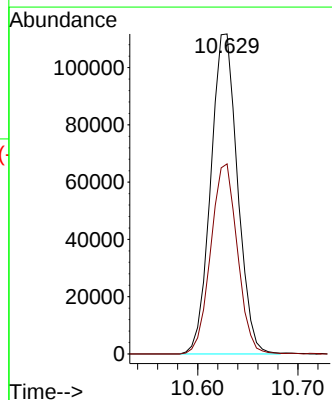
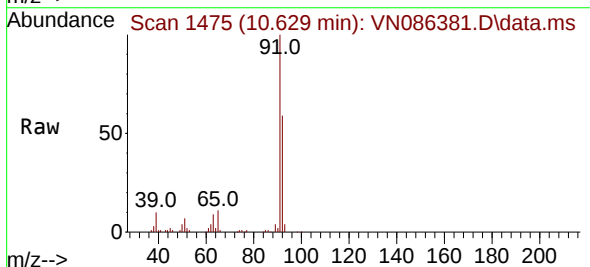
Instrument :
MSVOA_N
ClientSampleId :
ICVVN042325

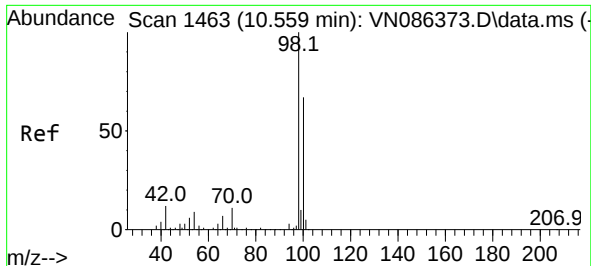
Tgt Ion:164 Resp: 46736
Ion Ratio Lower Upper
164 100
166 122.6 105.0 157.4
129 102.8 83.9 125.9
131 99.7 76.7 115.1



#62
Toluene
Concen: 19.339 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN086381.D
Acq: 23 Apr 2025 13:53

Tgt Ion: 91 Resp: 207649
Ion Ratio Lower Upper
91 100
92 59.0 45.7 68.5

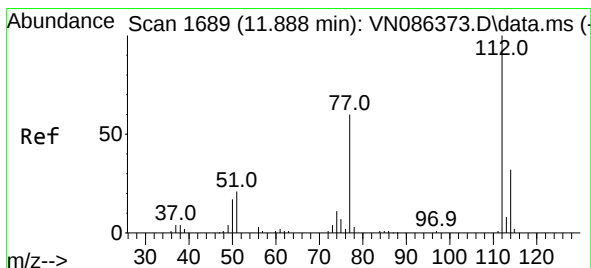
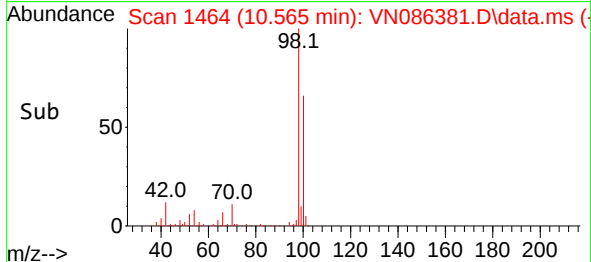
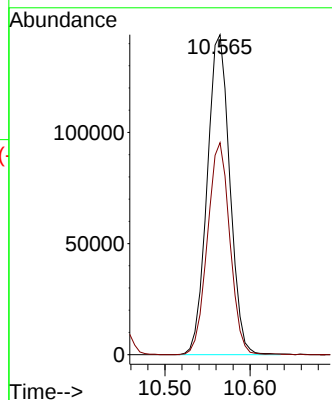
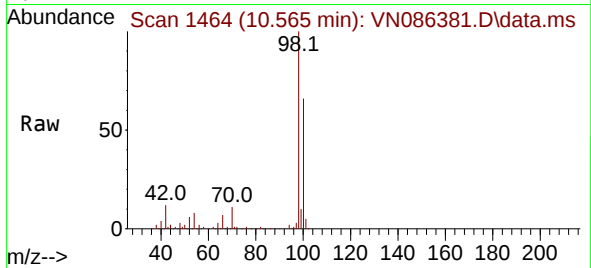




#63
Toluene-d8
Concen: 30.100 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.006 min
Lab File: VN086381.D
Acq: 23 Apr 2025 13:53

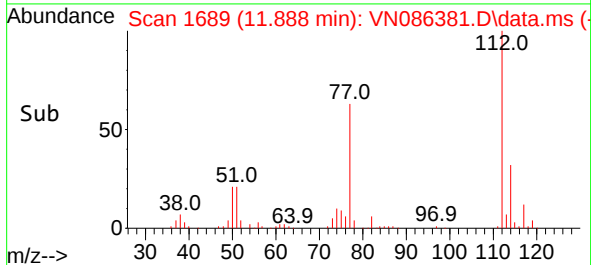
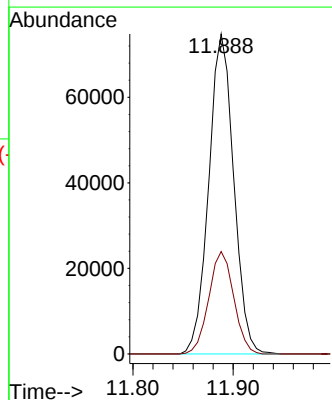
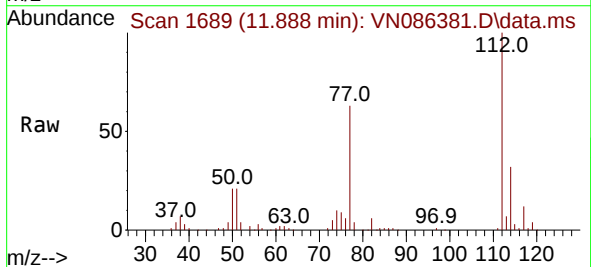
Instrument :
MSVOA_N
ClientSampleId :
ICVVN042325

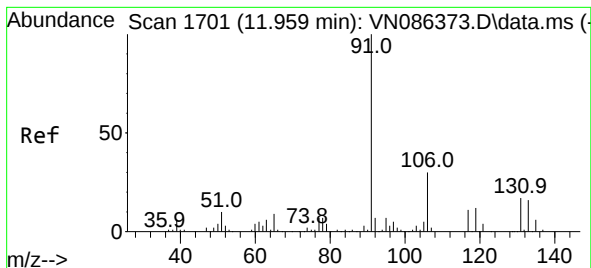
Tgt Ion: 98 Resp: 265630
Ion Ratio Lower Upper
98 100
100 65.6 53.1 79.7



#64
Chlorobenzene
Concen: 19.378 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. -0.000 min
Lab File: VN086381.D
Acq: 23 Apr 2025 13:53

Tgt Ion: 112 Resp: 129646
Ion Ratio Lower Upper
112 100
114 32.0 25.6 38.4

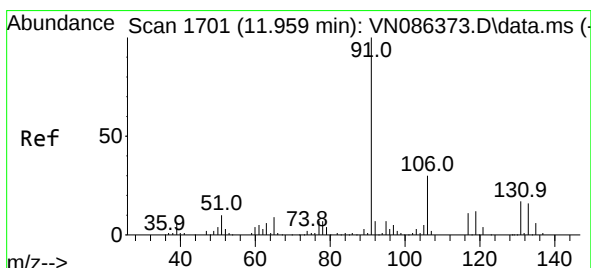
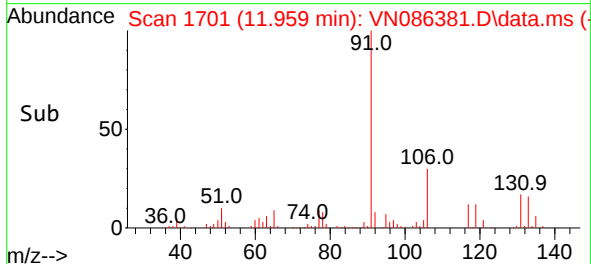
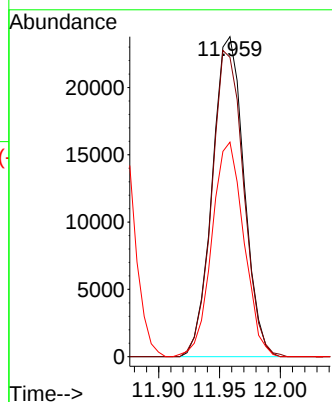
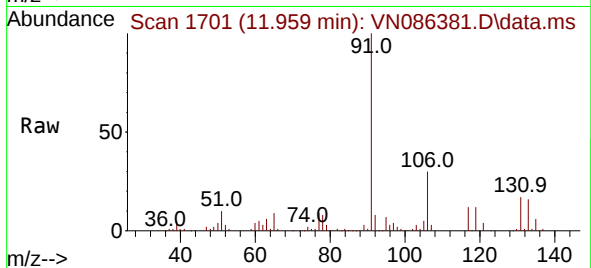




#65
1,1,1,2-Tetrachloroethane
Concen: 19.270 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN086381.D
Acq: 23 Apr 2025 13:53

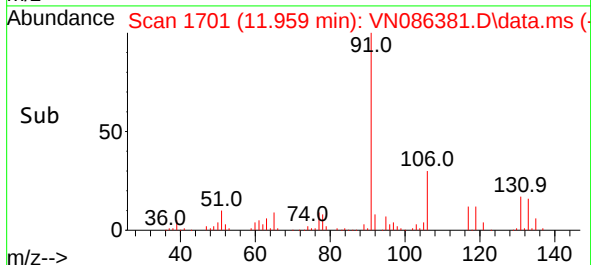
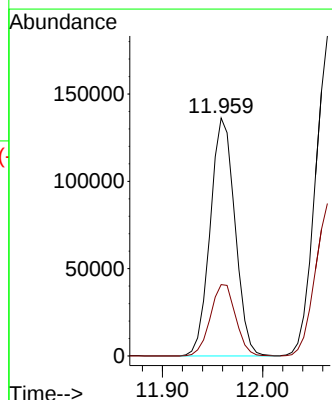
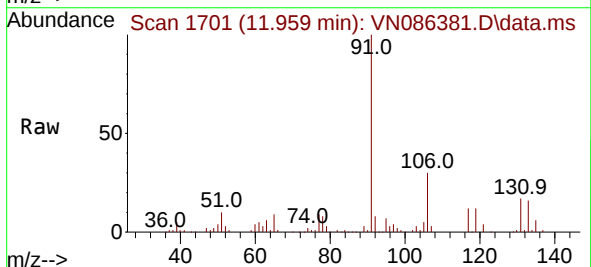
Instrument :
MSVOA_N
ClientSampleId :
ICVVN042325

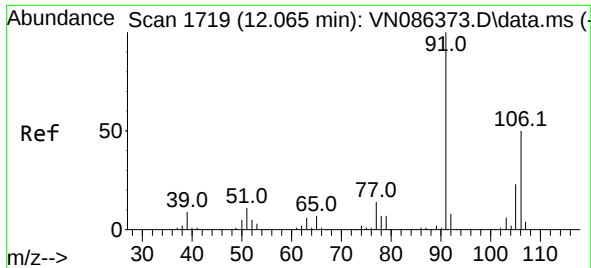
Tgt Ion:131 Resp: 43109
Ion Ratio Lower Upper
131 100
133 96.1 0.0 191.4
119 67.6 0.0 133.6



#66
Ethyl Benzene
Concen: 19.345 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN086381.D
Acq: 23 Apr 2025 13:53

Tgt Ion: 91 Resp: 233802
Ion Ratio Lower Upper
91 100
106 30.0 24.3 36.5

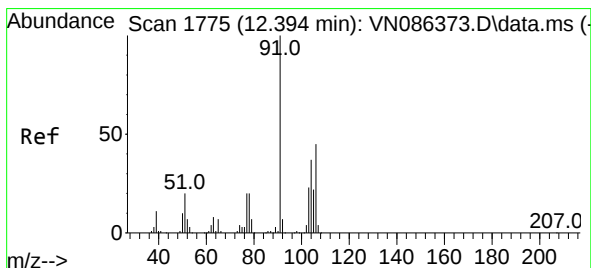
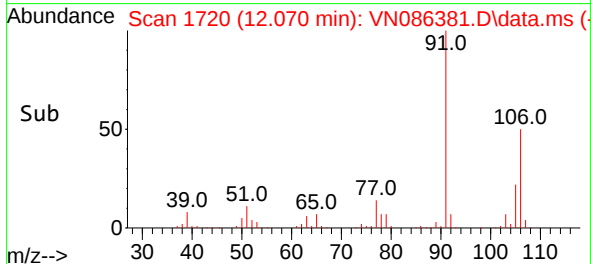
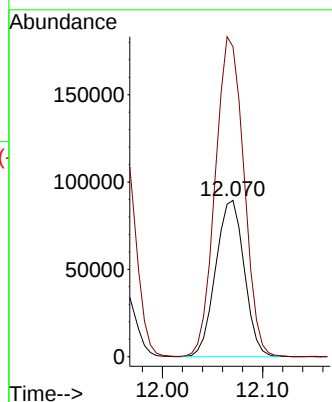
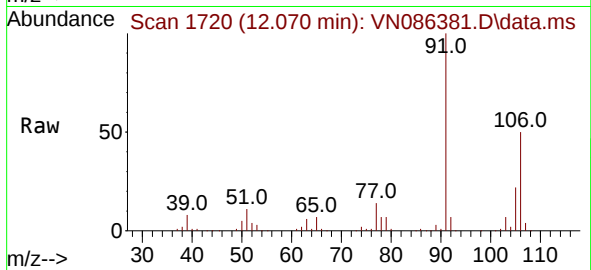




#67
m/p-Xylenes
Concen: 38.625 ug/l
RT: 12.070 min Scan# 1719
Delta R.T. 0.006 min
Lab File: VN086381.D
Acq: 23 Apr 2025 13:53

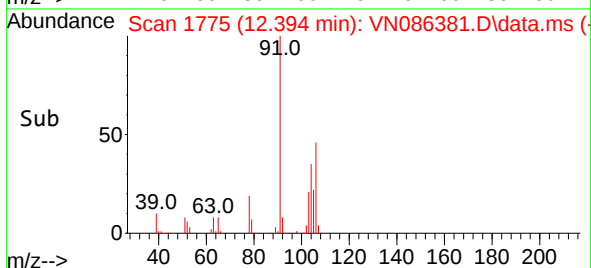
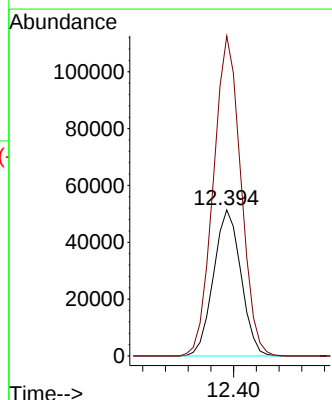
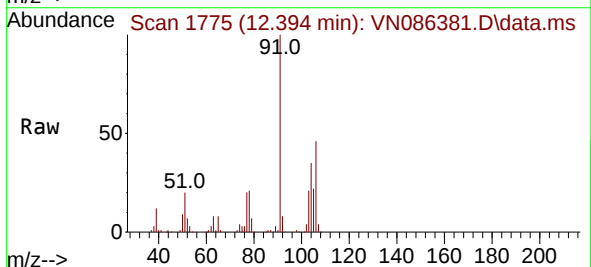
Instrument :
MSVOA_N
ClientSampleId :
ICVVN042325

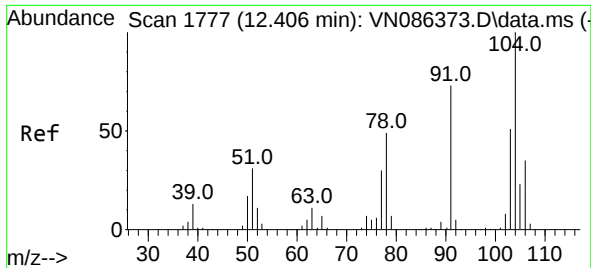
Tgt Ion:106 Resp: 177124
Ion Ratio Lower Upper
106 100
91 205.2 162.6 243.8



#68
o-Xylene
Concen: 19.209 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN086381.D
Acq: 23 Apr 2025 13:53

Tgt Ion:106 Resp: 86250
Ion Ratio Lower Upper
106 100
91 219.8 110.6 331.6

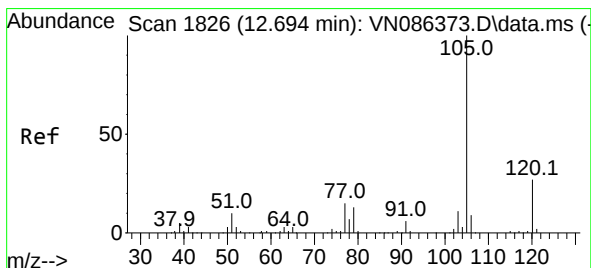
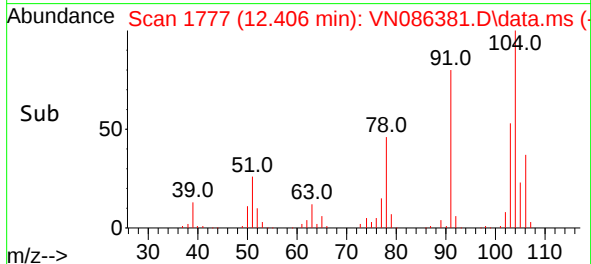
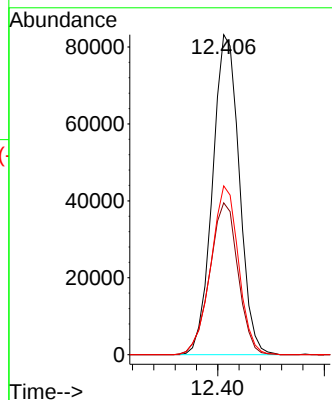
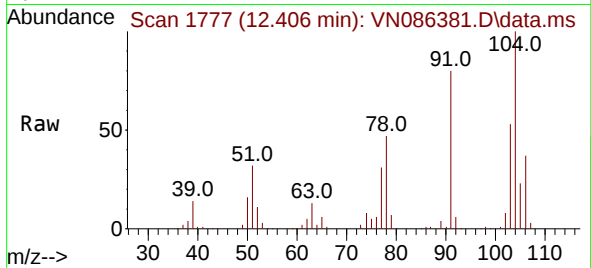




#69
Styrene
Concen: 19.014 ug/l
RT: 12.406 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086381.D
Acq: 23 Apr 2025 13:53

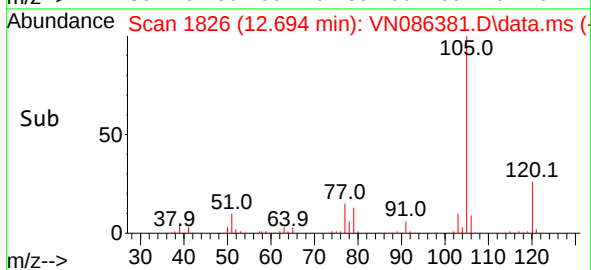
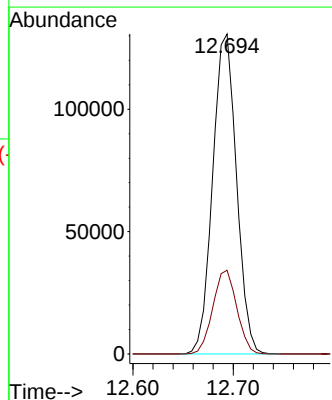
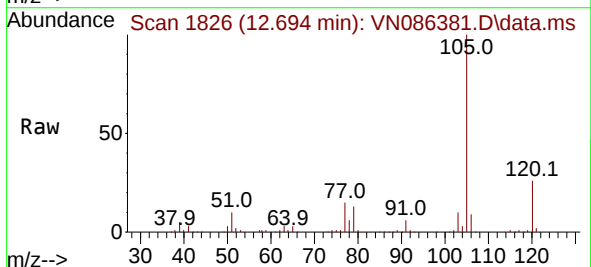
Instrument :
MSVOA_N
ClientSampleId :
ICVVN042325

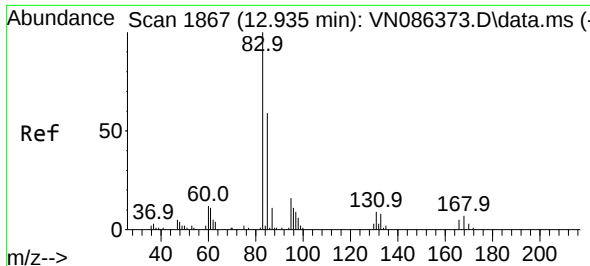
Tgt Ion:104 Resp: 144708
Ion Ratio Lower Upper
104 100
78 50.2 40.2 60.4
103 54.7 43.8 65.8



#70
Isopropylbenzene
Concen: 19.236 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN086381.D
Acq: 23 Apr 2025 13:53

Tgt Ion:105 Resp: 215598
Ion Ratio Lower Upper
105 100
120 26.3 18.2 33.8

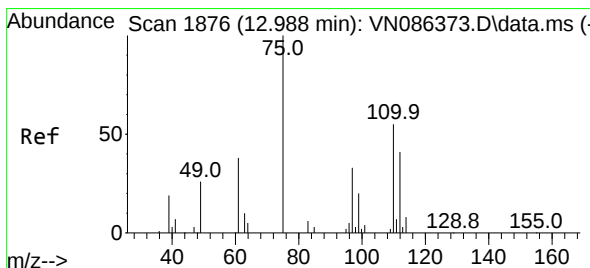
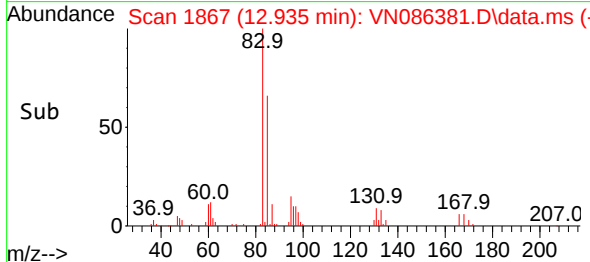
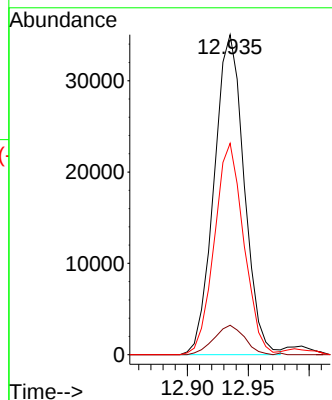
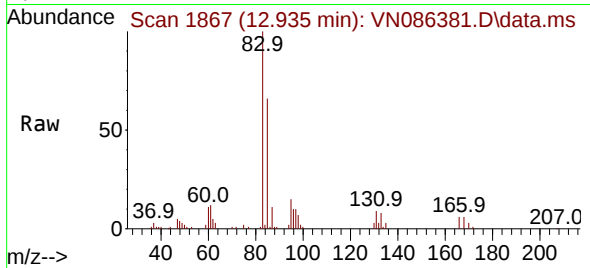




#71
1,1,2,2-Tetrachloroethane
Concen: 20.382 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VN086381.D
Acq: 23 Apr 2025 13:53

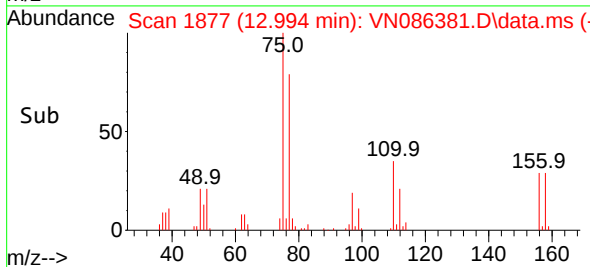
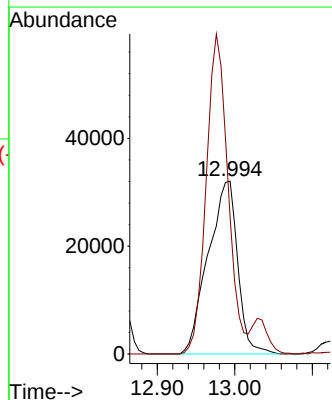
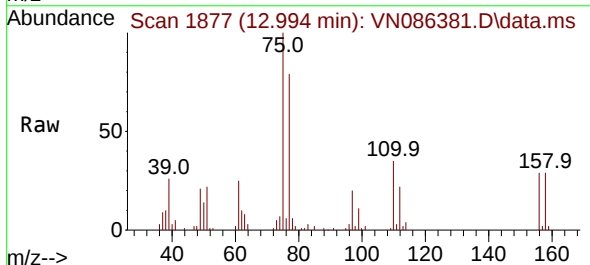
Instrument : MSVOA_N
ClientSampleId : ICVVN042325

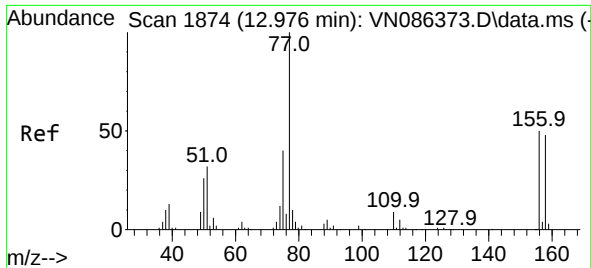
Tgt Ion: 83 Resp: 60151
Ion Ratio Lower Upper
83 100
131 9.4 4.5 13.7
85 64.6 31.7 95.1



#72
1,2,3-Trichloropropane
Concen: 32.957 ug/l
RT: 12.994 min Scan# 1877
Delta R.T. 0.006 min
Lab File: VN086381.D
Acq: 23 Apr 2025 13:53

Tgt Ion: 75 Resp: 84797
Ion Ratio Lower Upper
75 100
77 137.1 0.0 464.4

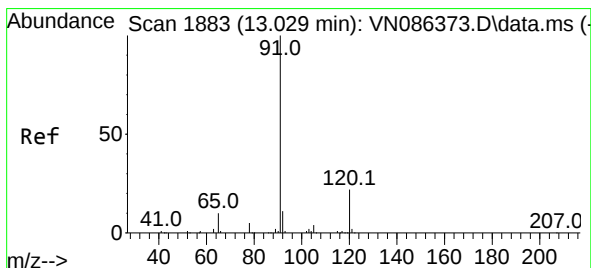
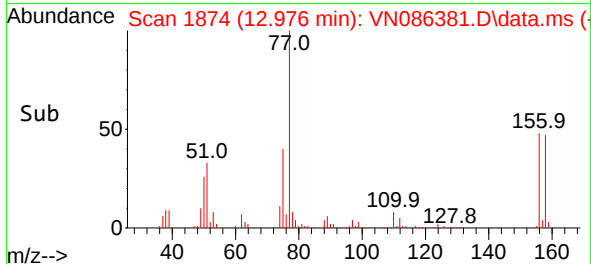
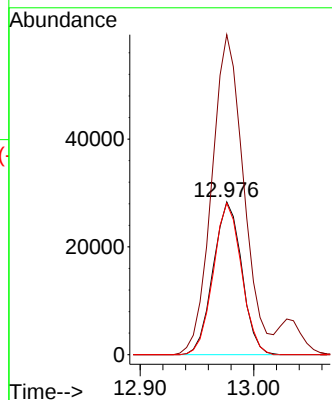
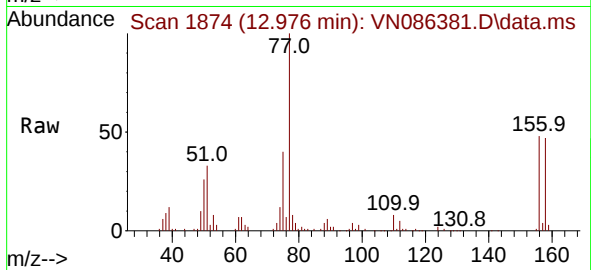




#73
Bromobenzene
Concen: 19.266 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. -0.000 min
Lab File: VN086381.D
Acq: 23 Apr 2025 13:53

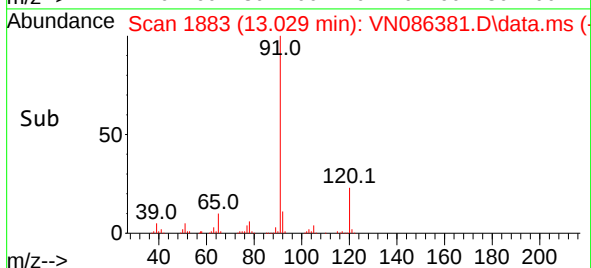
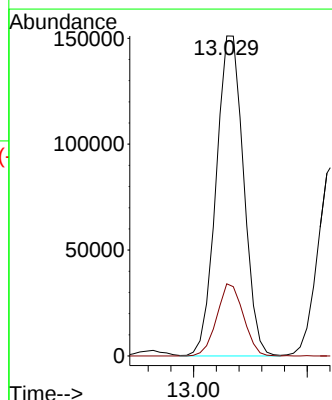
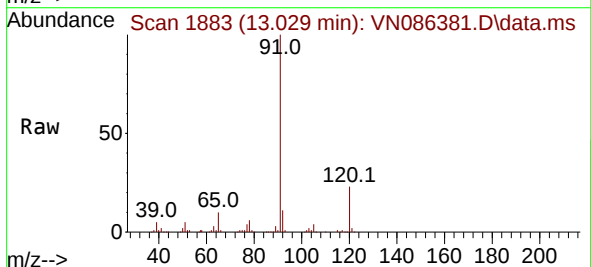
Instrument :
MSVOA_N
ClientSampleId :
ICVVN042325

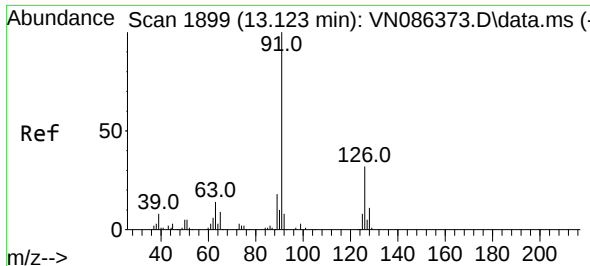
Tgt Ion:156 Resp: 49645
Ion Ratio Lower Upper
156 100
77 234.1 0.0 463.4
158 97.7 0.0 191.8



#74
n-propylbenzene
Concen: 19.064 ug/l
RT: 13.029 min Scan# 1883
Delta R.T. -0.000 min
Lab File: VN086381.D
Acq: 23 Apr 2025 13:53

Tgt Ion: 91 Resp: 253908
Ion Ratio Lower Upper
91 100
120 21.7 0.0 43.8

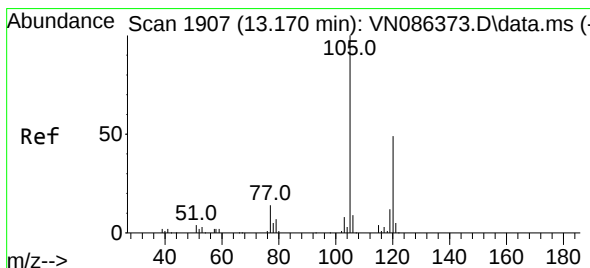
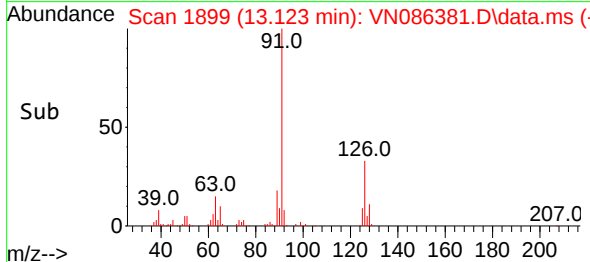
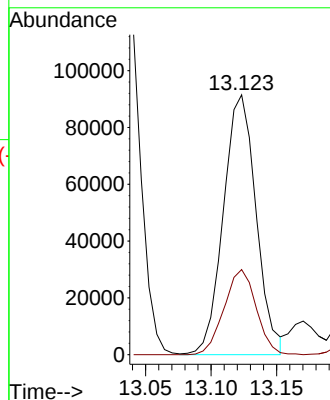
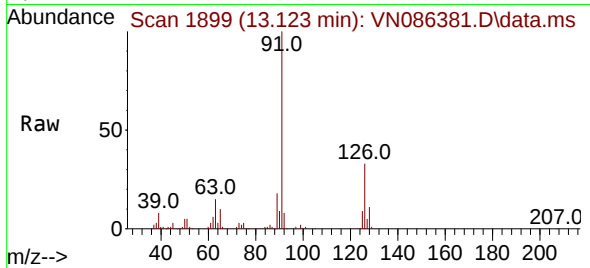




#75
2-Chlorotoluene
Concen: 19.133 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN086381.D
Acq: 23 Apr 2025 13:53

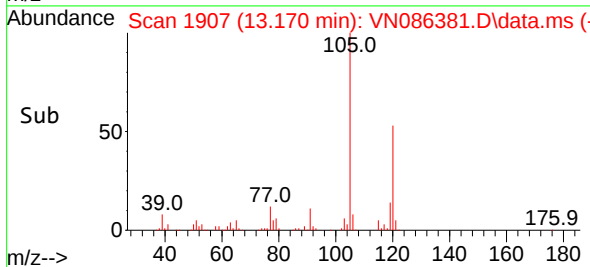
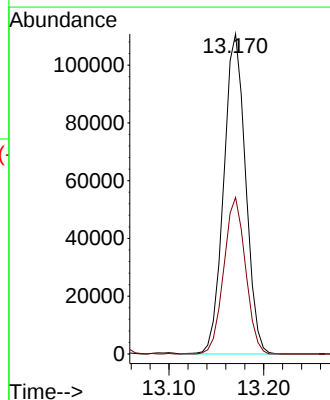
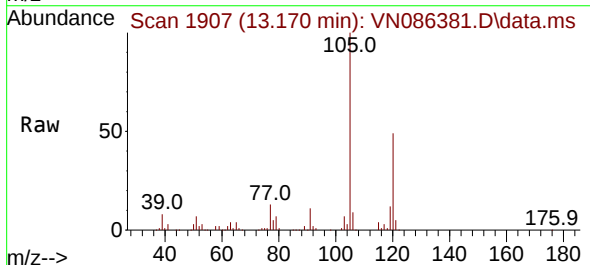
Instrument :
MSVOA_N
ClientSampleId :
ICVVN042325

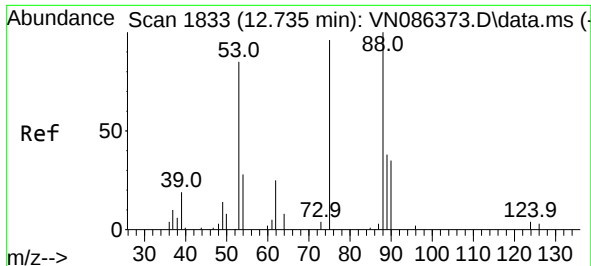
Tgt Ion: 91 Resp: 159080
Ion Ratio Lower Upper
91 100
126 32.1 0.0 65.0



#76
1,3,5-Trimethylbenzene
Concen: 19.311 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN086381.D
Acq: 23 Apr 2025 13:53

Tgt Ion:105 Resp: 177597
Ion Ratio Lower Upper
105 100
120 48.5 0.0 97.6

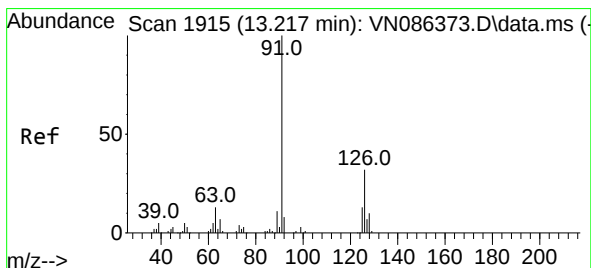
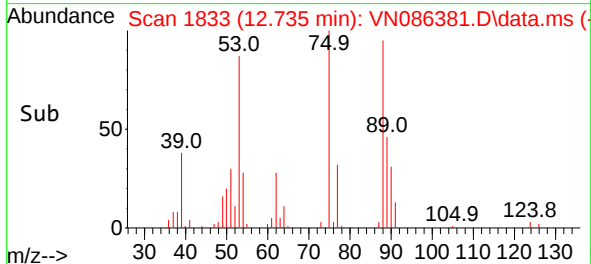
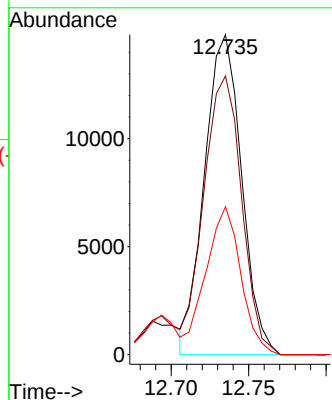
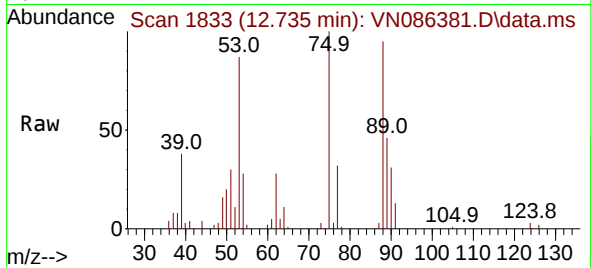




#77
t-1,4-Dichloro-2-butene
Concen: 18.884 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN086381.D
Acq: 23 Apr 2025 13:53

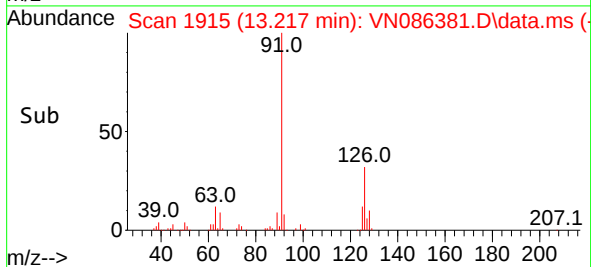
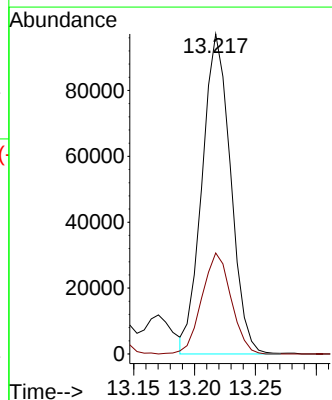
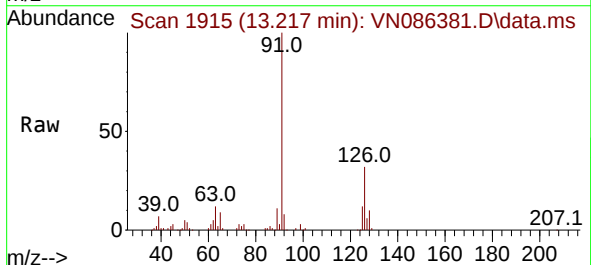
Instrument :
MSVOA_N
ClientSampleId :
ICVVN042325

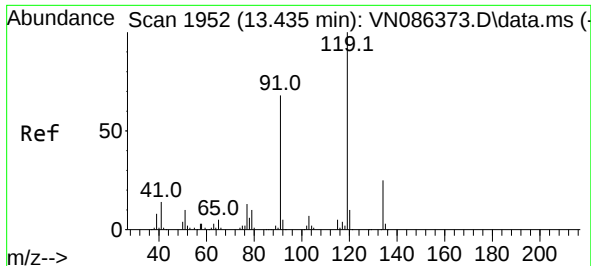
Tgt Ion: 75 Resp: 24658
Ion Ratio Lower Upper
75 100
53 87.1 46.0 138.0
89 46.2 21.6 64.6



#78
4-Chlorotoluene
Concen: 19.044 ug/l
RT: 13.217 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VN086381.D
Acq: 23 Apr 2025 13:53

Tgt Ion: 91 Resp: 158316
Ion Ratio Lower Upper
91 100
126 32.3 0.0 65.4

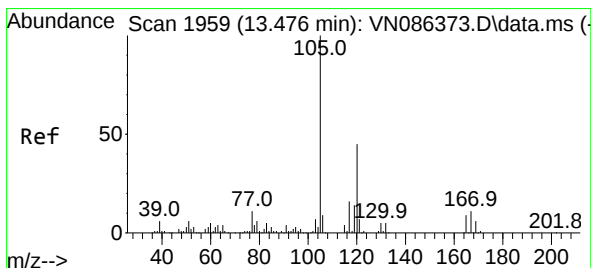
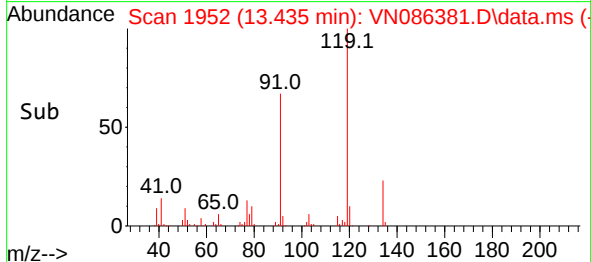
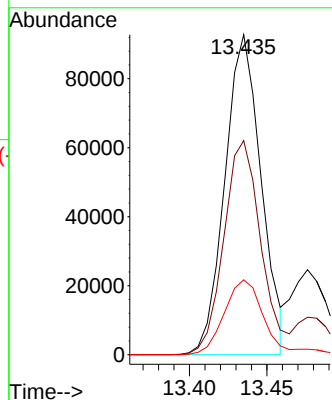
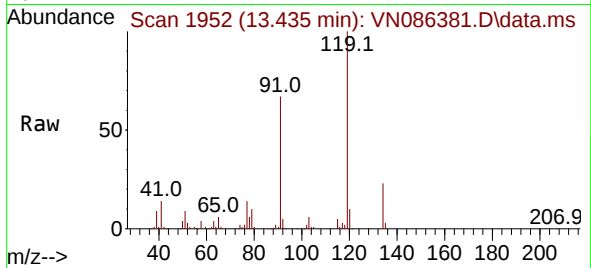




#79
tert-butylbenzene
Concen: 19.180 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VN086381.D
Acq: 23 Apr 2025 13:53

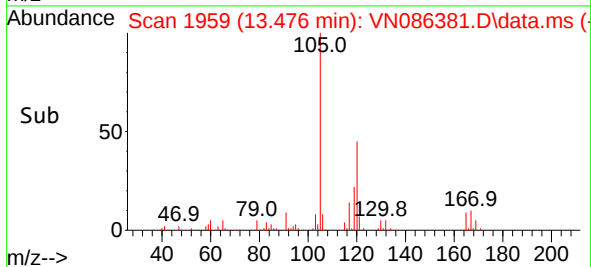
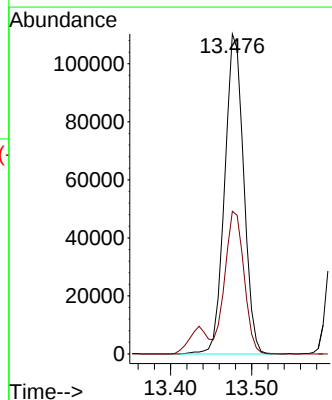
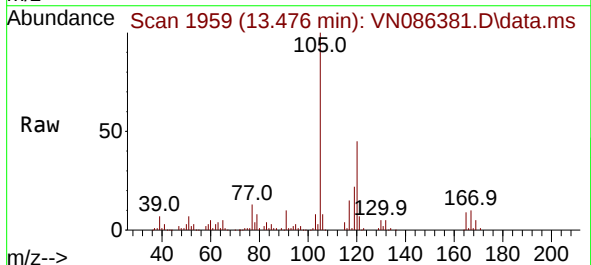
Instrument :
MSVOA_N
ClientSampleId :
ICVVN042325

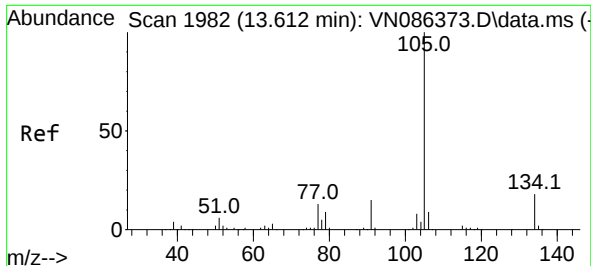
Tgt Ion:119 Resp: 151069
Ion Ratio Lower Upper
119 100
91 68.4 0.0 137.4
134 24.6 0.0 49.2



#80
1,2,4-Trimethylbenzene
Concen: 19.103 ug/l
RT: 13.476 min Scan# 1959
Delta R.T. -0.000 min
Lab File: VN086381.D
Acq: 23 Apr 2025 13:53

Tgt Ion:105 Resp: 179423
Ion Ratio Lower Upper
105 100
120 44.7 0.0 87.6

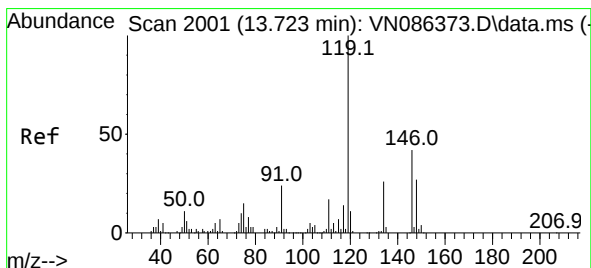
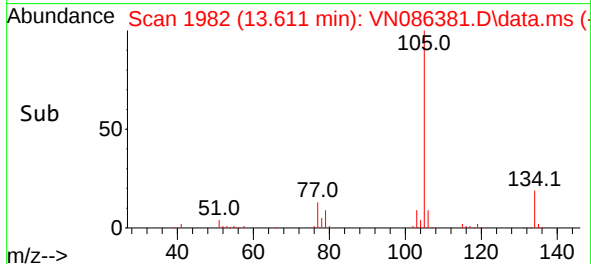
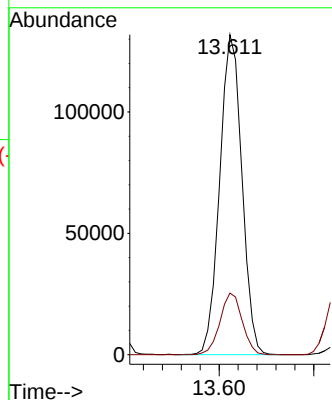
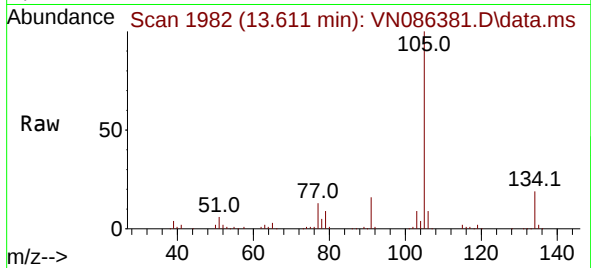




#81
 sec-Butylbenzene
 Concen: 19.091 ug/l
 RT: 13.611 min Scan# 1982
 Delta R.T. -0.000 min
 Lab File: VN086381.D
 Acq: 23 Apr 2025 13:53

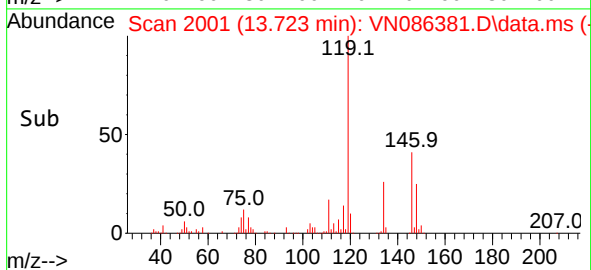
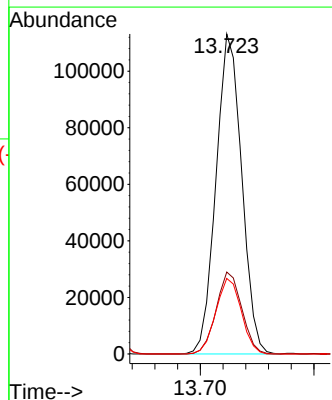
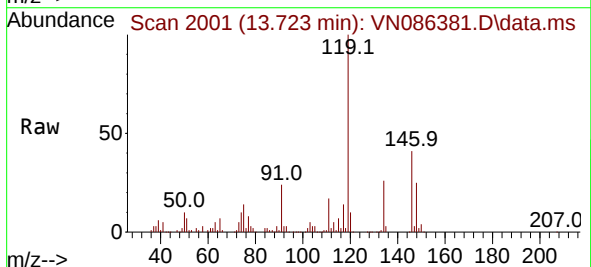
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN042325

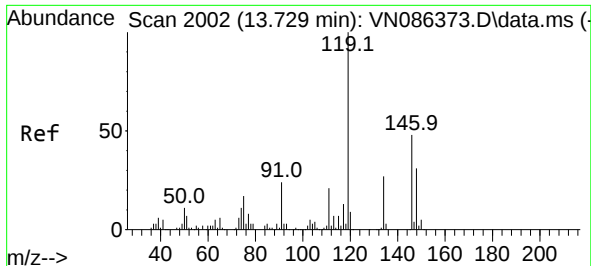
Tgt Ion:105 Resp: 214645
 Ion Ratio Lower Upper
 105 100
 134 19.2 0.0 38.4



#82
 p-Isopropyltoluene
 Concen: 18.866 ug/l
 RT: 13.723 min Scan# 2001
 Delta R.T. -0.000 min
 Lab File: VN086381.D
 Acq: 23 Apr 2025 13:53

Tgt Ion:119 Resp: 177486
 Ion Ratio Lower Upper
 119 100
 134 25.4 0.0 52.2
 91 23.4 0.0 47.6

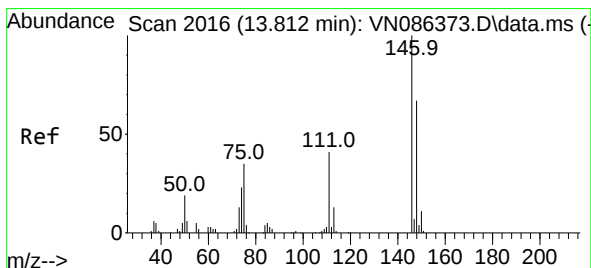
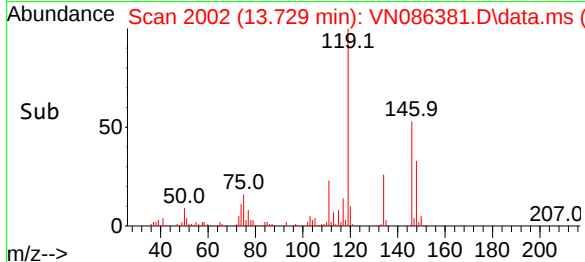
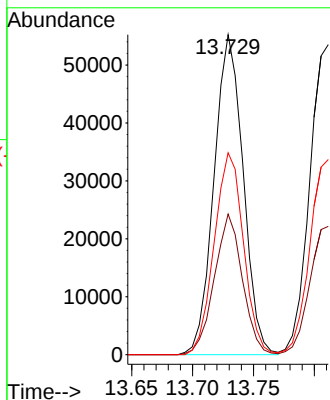
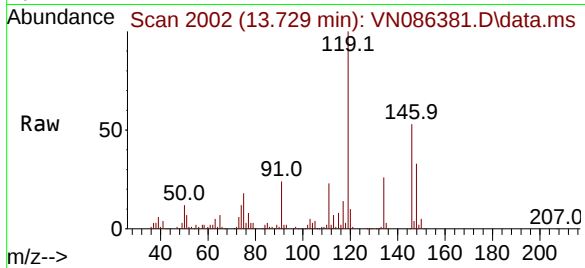




#83
1,3-Dichlorobenzene
Concen: 18.889 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. -0.000 min
Lab File: VN086381.D
Acq: 23 Apr 2025 13:53

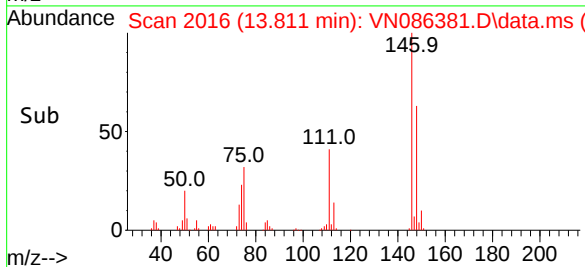
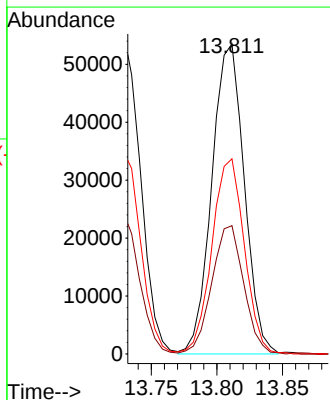
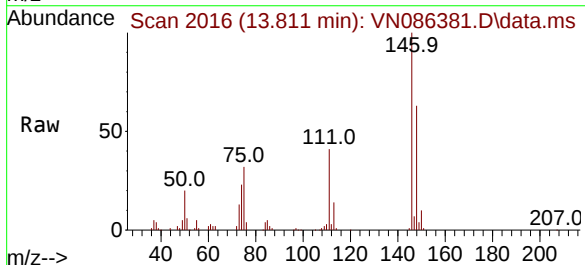
Instrument :
MSVOA_N
ClientSampleId :
ICVVN042325

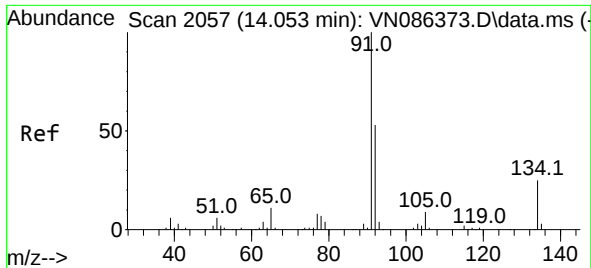
Tgt Ion:146 Resp: 92009
Ion Ratio Lower Upper
146 100
111 42.4 20.7 62.1
148 63.4 32.3 96.8



#84
1,4-Dichlorobenzene
Concen: 19.142 ug/l
RT: 13.811 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN086381.D
Acq: 23 Apr 2025 13:53

Tgt Ion:146 Resp: 92122
Ion Ratio Lower Upper
146 100
111 40.8 20.3 60.8
148 63.0 32.4 97.2

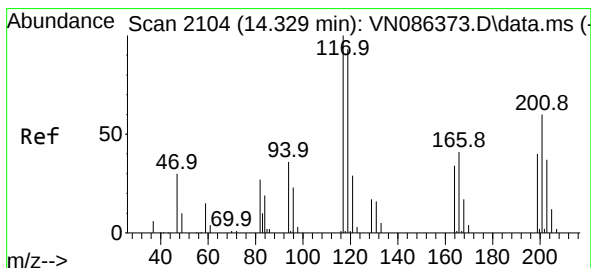
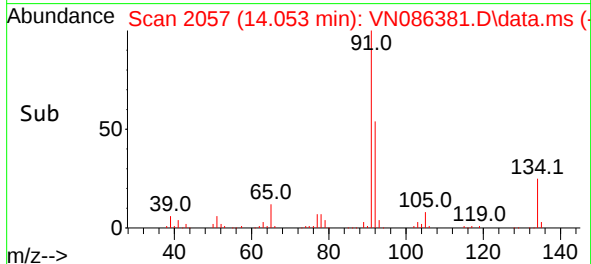
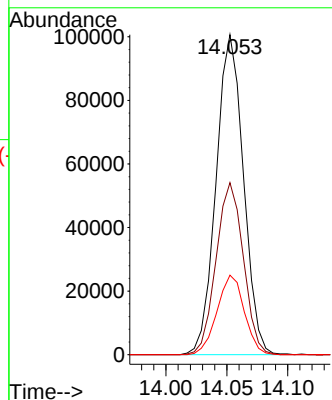
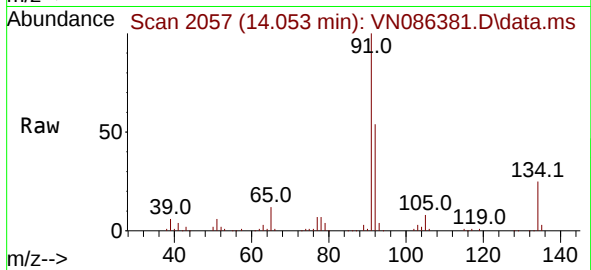




#85
n-Butylbenzene
Concen: 18.762 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN086381.D
Acq: 23 Apr 2025 13:53

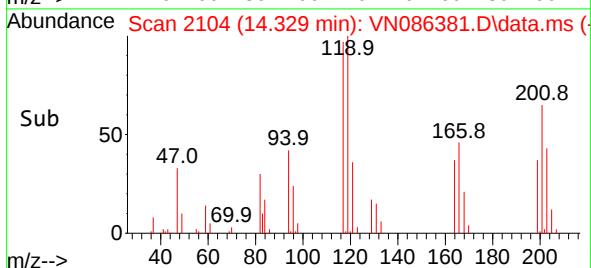
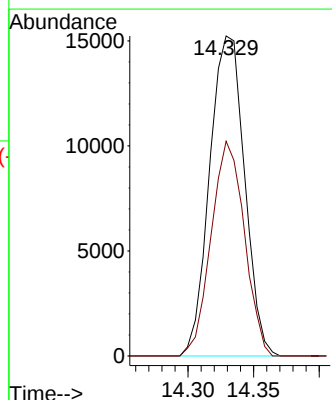
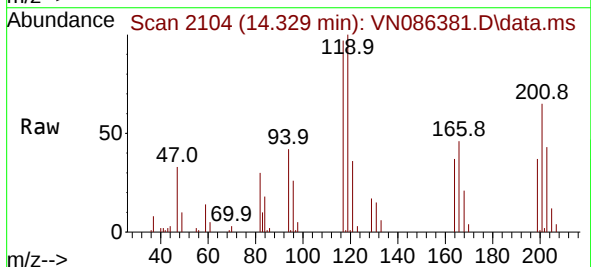
Instrument :
MSVOA_N
ClientSampleId :
ICVVN042325

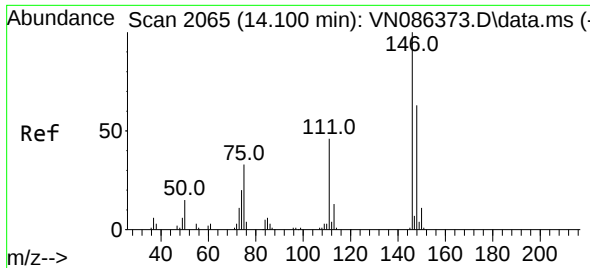
Tgt Ion: 91 Resp: 157496
Ion Ratio Lower Upper
91 100
92 53.5 0.0 107.2
134 24.8 0.0 48.2



#86
Hexachloroethane
Concen: 18.358 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. -0.000 min
Lab File: VN086381.D
Acq: 23 Apr 2025 13:53

Tgt Ion: 117 Resp: 28240
Ion Ratio Lower Upper
117 100
201 63.8 31.7 95.1

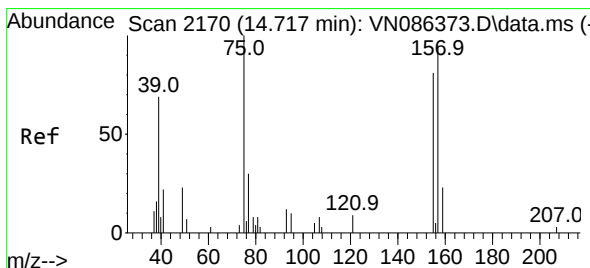
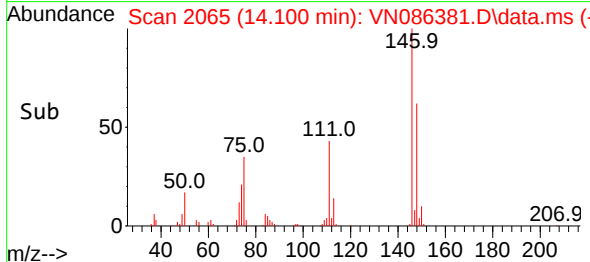
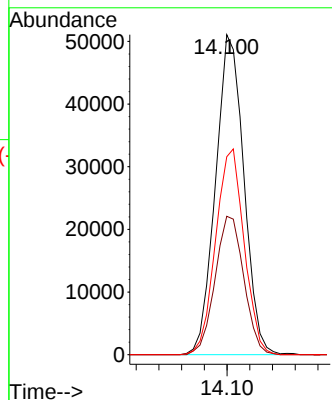
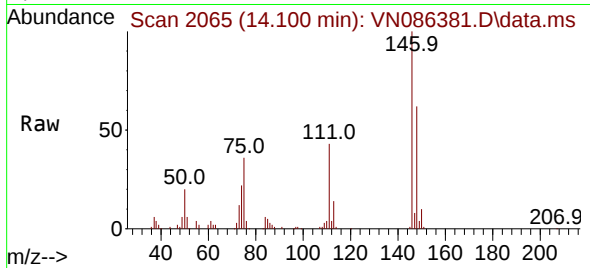




#87
1,2-Dichlorobenzene
Concen: 19.078 ug/l
RT: 14.100 min Scan# 2065
Delta R.T. -0.000 min
Lab File: VN086381.D
Acq: 23 Apr 2025 13:53

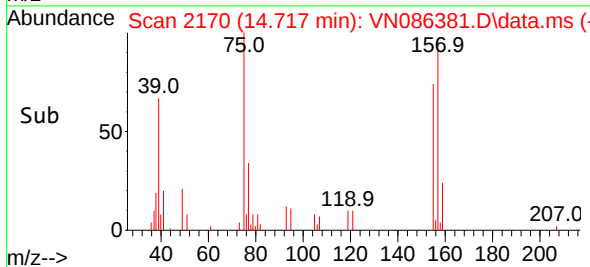
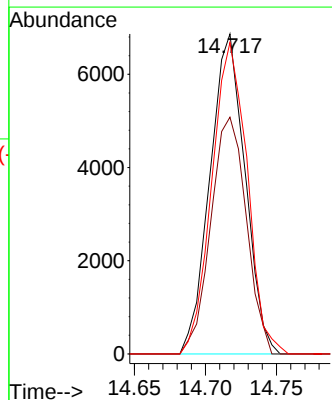
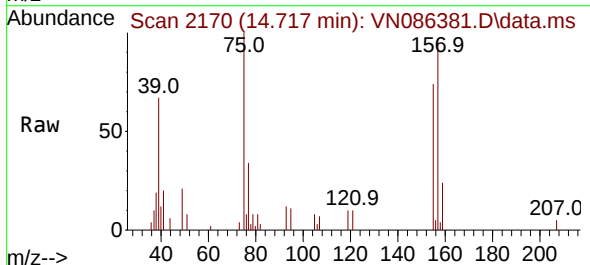
Instrument :
MSVOA_N
ClientSampleId :
ICVVN042325

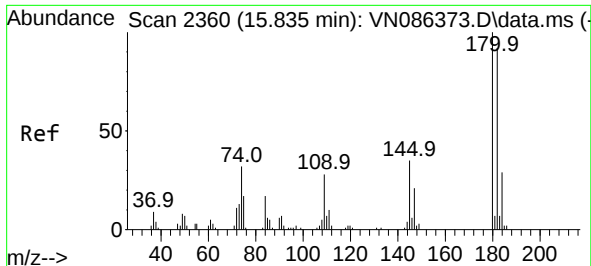
Tgt Ion:146 Resp: 88423
Ion Ratio Lower Upper
146 100
111 43.9 22.1 66.3
148 64.7 32.0 96.0



#88
1,2-Dibromo-3-Chloropropane
Concen: 19.684 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.000 min
Lab File: VN086381.D
Acq: 23 Apr 2025 13:53

Tgt Ion: 75 Resp: 11808
Ion Ratio Lower Upper
75 100
155 74.8 64.0 96.0
157 97.7 78.2 117.4





#89

1,2,4-Trichlorobenzene

Concen: 19.995 ug/l

RT: 15.835 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN086381.D

Acq: 23 Apr 2025 13:53

Instrument :

MSVOA_N

ClientSampleId :

ICVVN042325

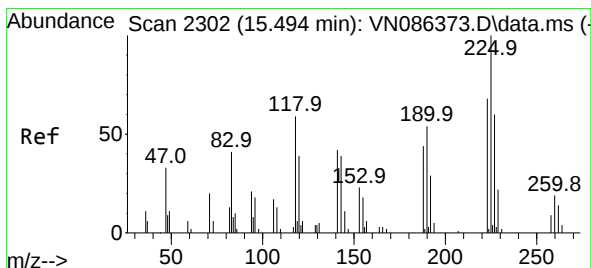
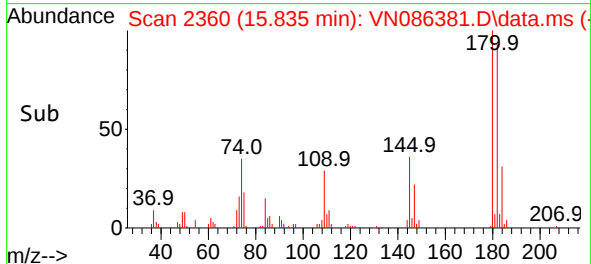
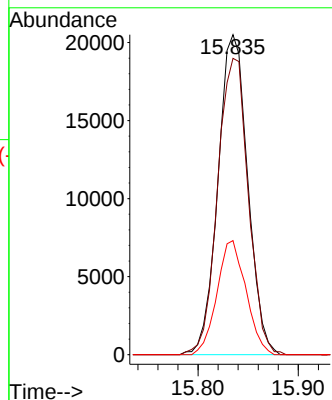
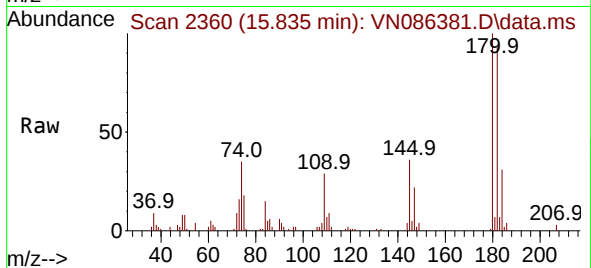
Tgt Ion:180 Resp: 42238

Ion Ratio Lower Upper

180 100

182 95.5 74.8 112.2

145 34.8 26.9 40.3



#90

Hexachlorobutadiene

Concen: 21.534 ug/l

RT: 15.494 min Scan# 2302

Delta R.T. -0.000 min

Lab File: VN086381.D

Acq: 23 Apr 2025 13:53

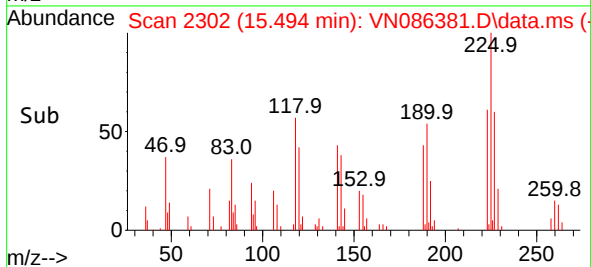
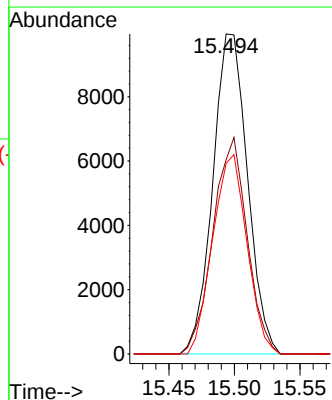
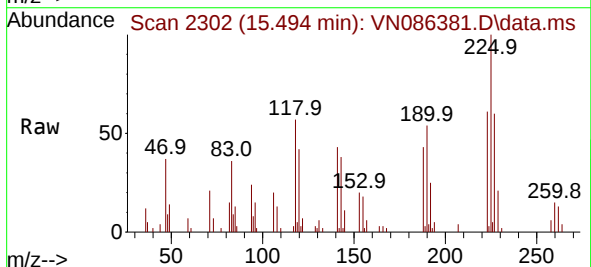
Tgt Ion:225 Resp: 18323

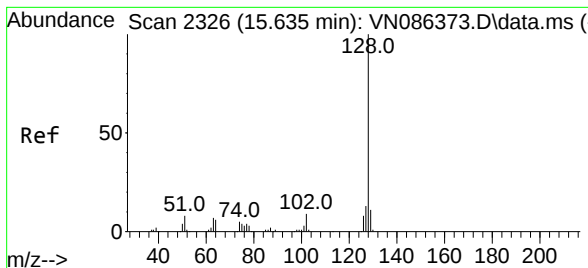
Ion Ratio Lower Upper

225 100

223 66.5 0.0 128.8

227 61.5 0.0 120.2

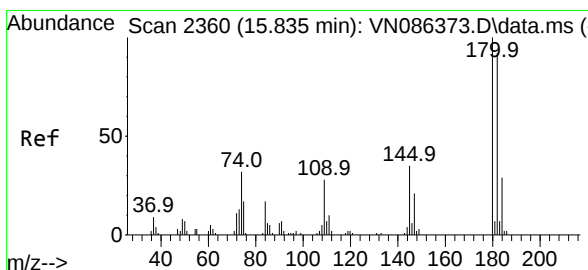
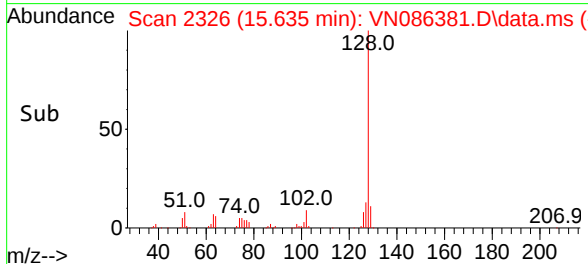
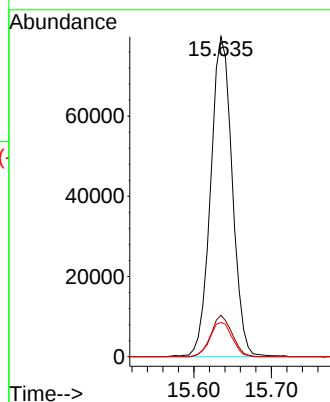
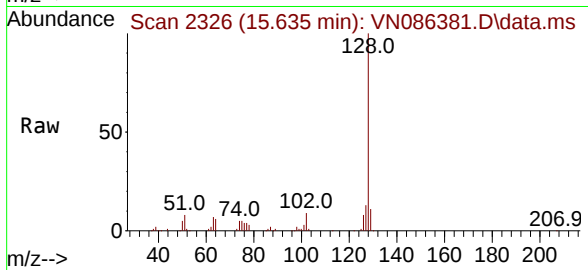




#91
Naphthalene
Concen: 20.413 ug/l
RT: 15.635 min Scan# 2326
Delta R.T. -0.000 min
Lab File: VN086381.D
Acq: 23 Apr 2025 13:53

Instrument :
MSVOA_N
ClientSampleId :
ICVVN042325

Tgt Ion:128 Resp: 154380
Ion Ratio Lower Upper
128 100
127 12.6 10.6 15.8
129 10.9 8.7 13.1



#92
1,2,3-Trichlorobenzene
Concen: 19.995 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. -0.000 min
Lab File: VN086381.D
Acq: 23 Apr 2025 13:53

Tgt Ion:180 Resp: 42238
Ion Ratio Lower Upper
180 100
182 95.5 0.0 187.0
145 34.8 0.0 67.2

