

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050725\
 Data File : VN086530.D
 Acq On : 07 May 2025 12:12
 Operator : JC\MD
 Sample : VN0507WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0507WBSD01

Quant Time: May 08 03:25:10 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	35494	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	201715	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	188357	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.577	65	94332	27.566	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	91.900%
60) 4-Bromofluorobenzene	12.847	95	109626	29.612	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	98.700%
63) Toluene-d8	10.565	98	299141	28.868	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	96.233%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	48358	19.734	ug/l	99
3) Chloromethane	2.359	50	59844	17.192	ug/l	98
4) Vinyl Chloride	2.518	62	57874	17.359	ug/l	100
5) Bromomethane	2.959	94	34455	19.795	ug/l	95
6) Chloroethane	3.124	64	38635	17.383	ug/l	91
7) Trichlorofluoromethane	3.501	101	79435	20.186	ug/l	99
8) Diethyl Ether	3.959	74	32897	19.804	ug/l	92
9) 1,1,2-Trichlorotrifluo...	4.371	101	47735	19.731	ug/l	96
10) 1,1-Dichloroethene	4.342	96	47673	19.253	ug/l	95
11) Methyl Iodide	4.595	142	59987	20.705	ug/l	99
12) Methyl Acetate	5.024	43	61433	17.504	ug/l	98
13) Acrolein	4.177	56	20545	127.950	ug/l	99
14) Acrylonitrile	5.712	53	126412	96.775	ug/l	100
15) Acetone	4.430	58	33336	92.615	ug/l	88
16) Carbon Disulfide	4.712	76	121197	18.575	ug/l	97
17) Allyl chloride	5.018	41	71444	18.044	ug/l	97
18) Methylene Chloride	5.271	84	56472	20.026	ug/l	95
19) trans-1,2-Dichloroethene	5.789	96	50902	19.286	ug/l	92
20) Diisopropyl ether	6.665	45	166107	17.645	ug/l	95
21) 1,1-Dichloroethane	6.559	63	94261	18.292	ug/l	97
22) cis-1,2-Dichloroethene	7.483	96	64880	19.659	ug/l	92
23) tert-Butyl Alcohol	5.518	59	55198	109.083	ug/l #	20
24) Methyl tert-Butyl Ether	5.795	73	178596	19.522	ug/l	98
25) Chloroform	7.959	83	99872	19.150	ug/l	97
26) Cyclohexane	8.253	56	78349	17.220	ug/l #	93
29) 1,1-Dichloropropene	8.371	75	68645	19.304	ug/l	98
30) 2-Butanone	7.477	43	168945	97.882	ug/l	97
31) 2,2-Dichloropropane	7.483	77	88081	19.268	ug/l	100
32) 1,1,1-Trichloroethane	8.165	97	87851	20.674	ug/l	97
33) Carbon Tetrachloride	8.359	117	72840	20.822	ug/l	96
34) Benzene	8.600	78	224594	19.857	ug/l	96
35) Methacrylonitrile	7.777	41	37562	19.078	ug/l	96
36) 1,2-Dichloroethane	8.665	62	76687	20.883	ug/l	100
37) Trichloroethene	9.347	130	57987	20.479	ug/l	93
38) Methylcyclohexane	9.600	83	79501	19.357	ug/l	97
39) 1,2-Dichloropropane	9.618	63	52885	18.927	ug/l	100
40) Dibromomethane	9.706	93	39216	20.987	ug/l	92
41) Bromodichloromethane	9.883	83	79793	20.179	ug/l	99
42) Vinyl Acetate	6.594	43	606311	101.406	ug/l	97

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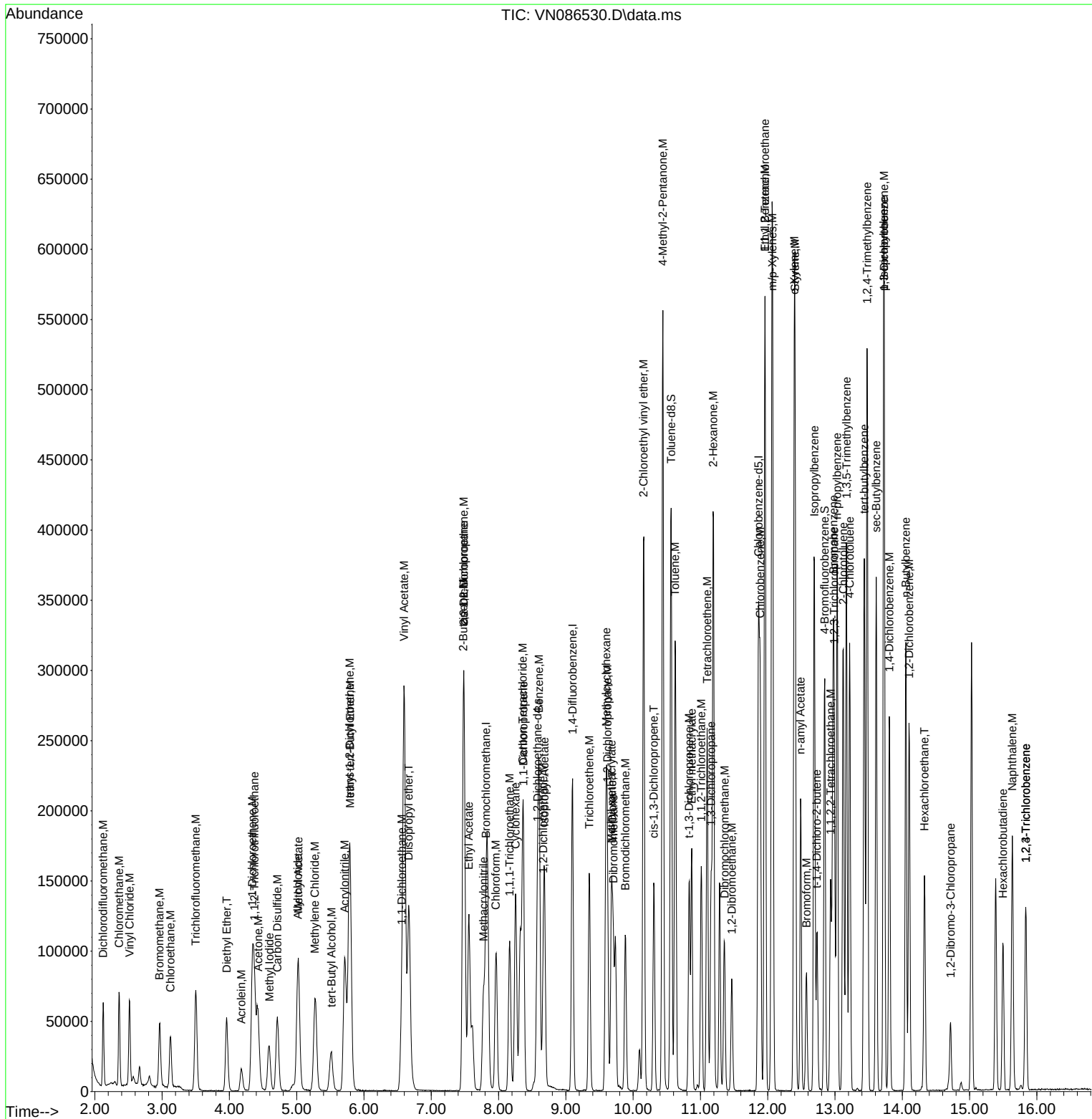
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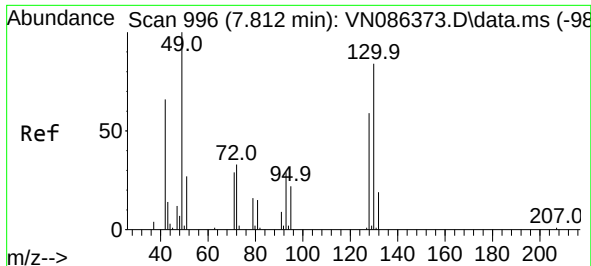
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.559	43	69441	20.330	ug/l	93
44) Isopropyl Acetate	8.683	43	126204	19.468	ug/l	100
45) 1,4-Dioxane	9.688	88	24540	485.168	ug/l	94
46) Methyl methacrylate	9.677	41	56030	18.737	ug/l	94
47) n-amyl Acetate	12.488	43	106069	19.196	ug/l	98
48) t-1,3-Dichloropropene	10.829	75	87424	19.775	ug/l	100
49) cis-1,3-Dichloropropene	10.306	75	92401	19.820	ug/l	94
50) 1,1,2-Trichloroethane	11.012	97	55160	21.134	ug/l	95
51) Ethyl methacrylate	10.871	69	90887	19.994	ug/l	95
52) 1,3-Dichloropropane	11.159	76	94064	20.391	ug/l	100
53) Dibromochloromethane	11.359	129	61859	21.107	ug/l	99
54) 1,2-Dibromoethane	11.465	107	56670	21.354	ug/l	98
55) 2-Chloroethyl vinyl ether	10.153	63	184254	86.214	ug/l	98
56) Bromoform	12.576	173	42539	22.367	ug/l #	98
58) 4-Methyl-2-Pentanone	10.441	43	355187	97.446	ug/l	98
59) 2-Hexanone	11.188	43	262266	97.639	ug/l	97
61) Tetrachloroethene	11.100	164	61396	21.371	ug/l	96
62) Toluene	10.624	91	253424	20.101	ug/l	99
64) Chlorobenzene	11.888	112	166183	21.154	ug/l	98
65) 1,1,1,2-Tetrachloroethane	11.959	131	56243	21.412	ug/l	99
66) Ethyl Benzene	11.959	91	282450	19.903	ug/l	100
67) m/p-Xylenes	12.071	106	220481	40.946	ug/l	99
68) o-Xylene	12.394	106	109838	20.833	ug/l	96
69) Styrene	12.406	104	180117	20.156	ug/l	99
70) Isopropylbenzene	12.694	105	269453	20.474	ug/l	98
71) 1,1,2,2-Tetrachloroethane	12.935	83	75821	21.880	ug/l	99
72) 1,2,3-Trichloropropane	12.988	75	104115	34.461	ug/l	42
73) Bromobenzene	12.976	156	66561	21.999	ug/l	91
74) n-propylbenzene	13.029	91	309316	19.778	ug/l	97
75) 2-Chlorotoluene	13.123	91	199141	20.398	ug/l	98
76) 1,3,5-Trimethylbenzene	13.171	105	220686	20.436	ug/l	99
77) t-1,4-Dichloro-2-butene	12.729	75	28687	18.710	ug/l	97
78) 4-Chlorotoluene	13.218	91	193400	19.812	ug/l	97
79) tert-butylbenzene	13.435	119	191217	20.676	ug/l	97
80) 1,2,4-Trimethylbenzene	13.476	105	220815	20.022	ug/l	96
81) sec-Butylbenzene	13.612	105	261721	19.825	ug/l	98
82) p-Isopropyltoluene	13.723	119	223219	20.207	ug/l	99
83) 1,3-Dichlorobenzene	13.729	146	119739	20.935	ug/l	99
84) 1,4-Dichlorobenzene	13.806	146	116786	20.666	ug/l	99
85) n-Butylbenzene	14.053	91	180529	18.315	ug/l	98
86) Hexachloroethane	14.329	117	34268	18.971	ug/l	94
87) 1,2-Dichlorobenzene	14.100	146	114170	20.979	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	14.717	75	13556	19.246	ug/l	92
89) 1,2,4-Trichlorobenzene	15.835	180	51392	20.719	ug/l	99
90) Hexachlorobutadiene	15.494	225	20406	20.424	ug/l	96
91) Naphthalene	15.635	128	173847	19.577	ug/l	99
92) 1,2,3-Trichlorobenzene	15.835	180	51392	20.719	ug/l	99

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

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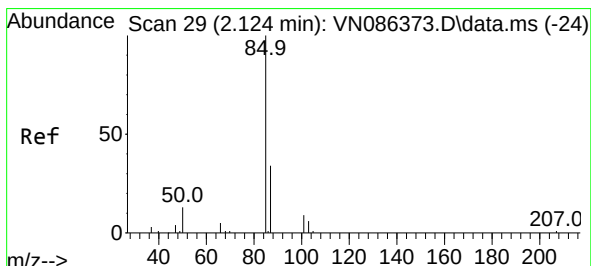
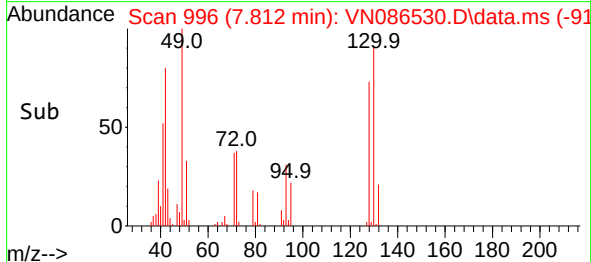
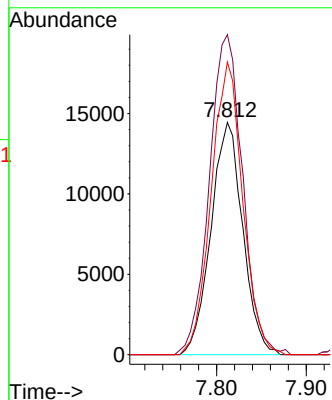
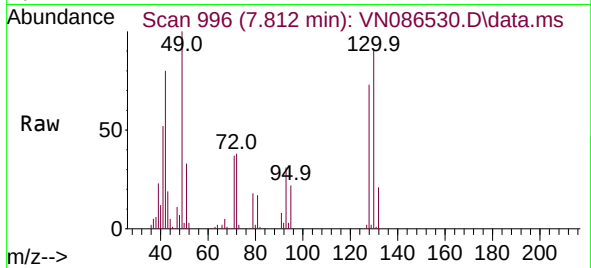




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.812 min Scan# 996
Delta R.T. 0.000 min
Lab File: VN086530.D
Acq: 07 May 2025 12:12

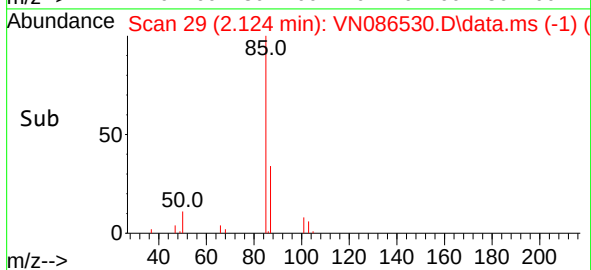
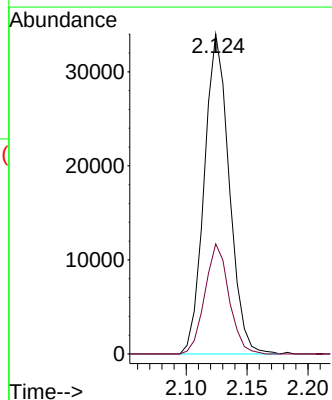
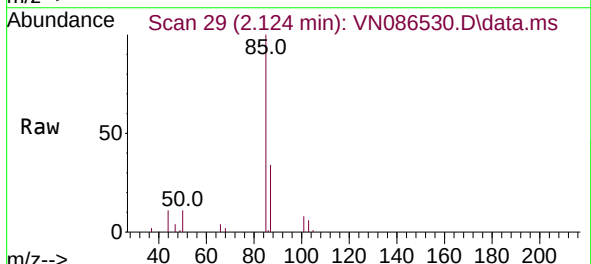
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VN0507WBSD01

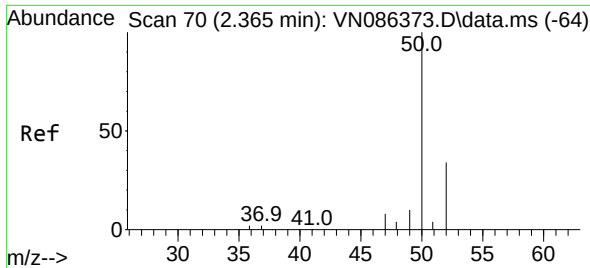
Tgt Ion:128 Resp: 35494
Ion Ratio Lower Upper
128 100
49 144.0 0.0 433.8
130 125.2 0.0 325.0



#2
Dichlorodifluoromethane
Concen: 19.734 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN086530.D
Acq: 07 May 2025 12:12

Tgt Ion: 85 Resp: 48358
Ion Ratio Lower Upper
85 100
87 34.4 17.0 50.9





#3

Chloromethane

Concen: 17.192 ug/l

RT: 2.359 min Scan# 69

Delta R.T. -0.006 min

Lab File: VN086530.D

Acq: 07 May 2025 12:12

Instrument :

MSVOA_N

ClientSampleId :

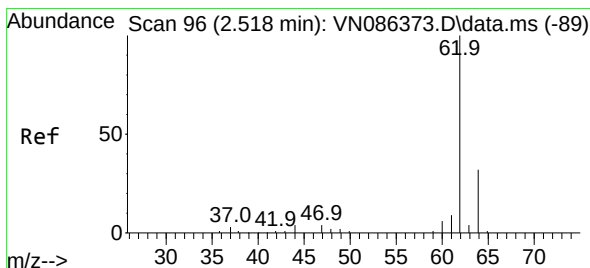
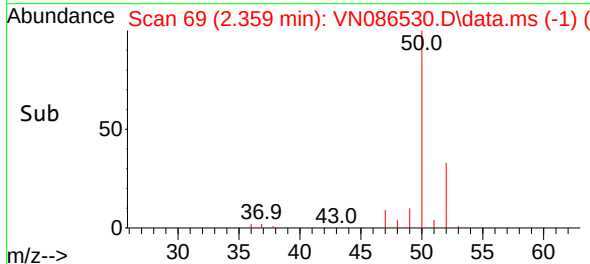
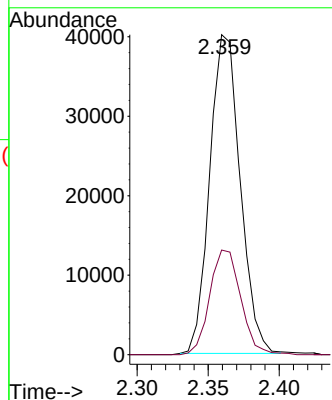
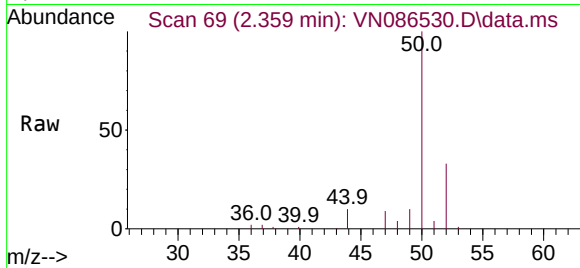
VN0507WBSD01

Tgt Ion: 50 Resp: 59844

Ion Ratio Lower Upper

50 100

52 32.8 27.3 40.9



#4

Vinyl Chloride

Concen: 17.359 ug/l

RT: 2.518 min Scan# 96

Delta R.T. 0.000 min

Lab File: VN086530.D

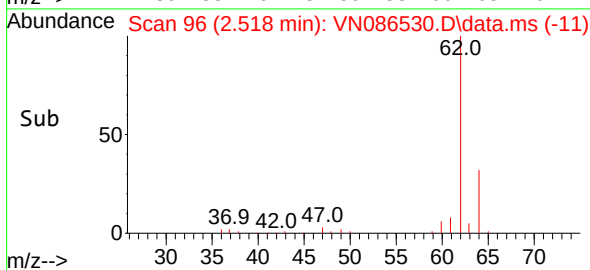
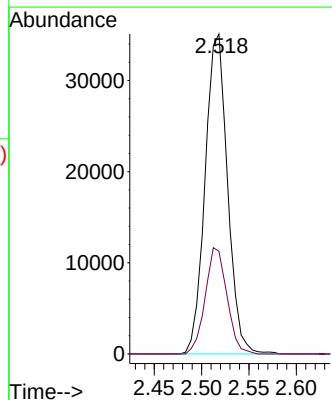
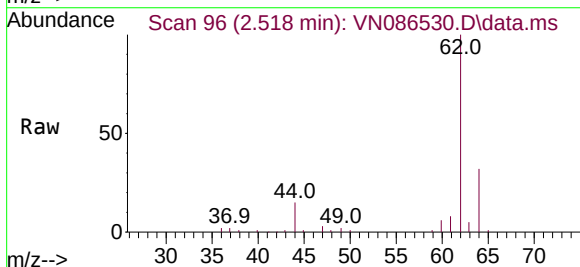
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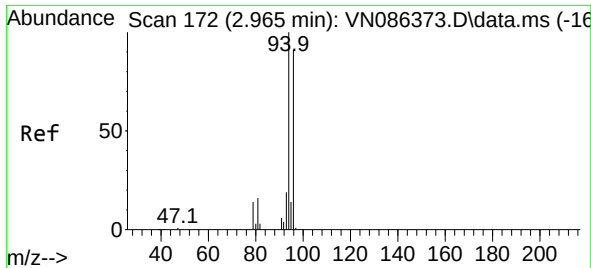
Tgt Ion: 62 Resp: 57874

Ion Ratio Lower Upper

62 100

64 32.1 25.8 38.8

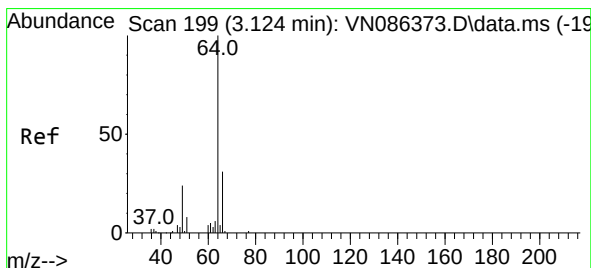
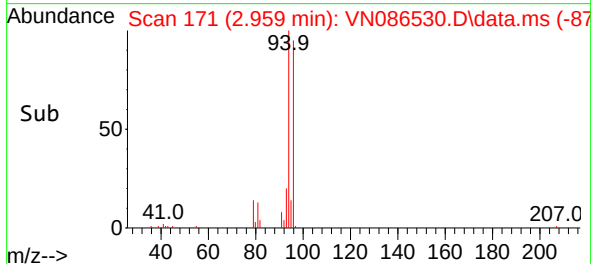
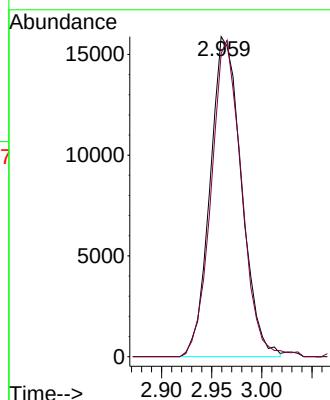
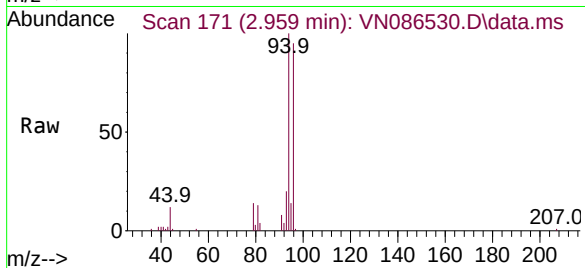




#5
Bromomethane
Concen: 19.795 ug/l
RT: 2.959 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN086530.D
Acq: 07 May 2025 12:12

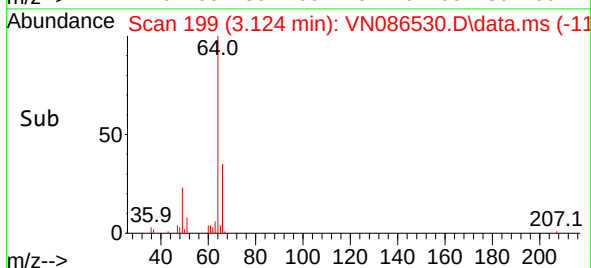
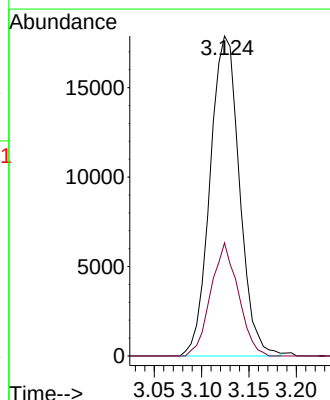
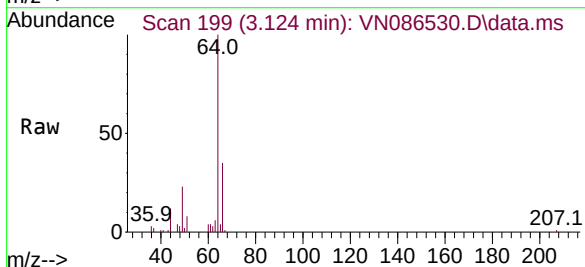
Instrument :
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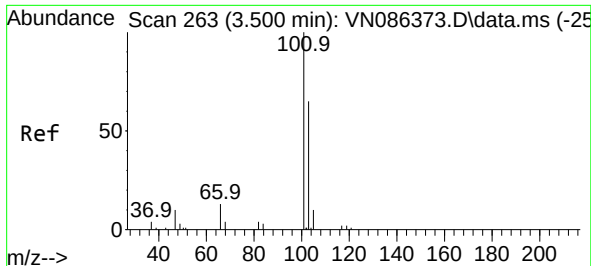
Tgt Ion: 94 Resp: 34455
Ion Ratio Lower Upper
94 100
96 94.8 72.4 108.6



#6
Chloroethane
Concen: 17.383 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.000 min
Lab File: VN086530.D
Acq: 07 May 2025 12:12

Tgt Ion: 64 Resp: 38635
Ion Ratio Lower Upper
64 100
66 35.3 24.5 36.7

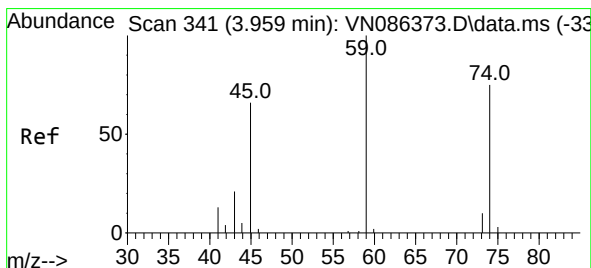
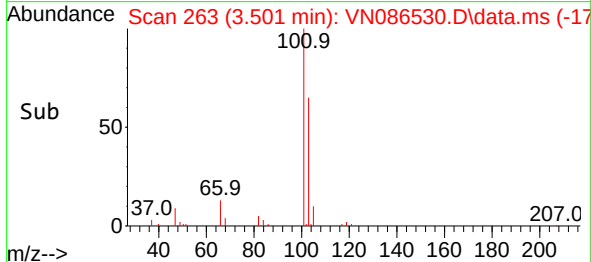
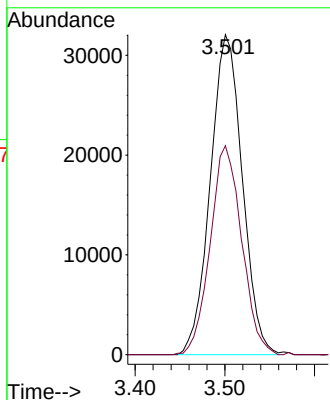
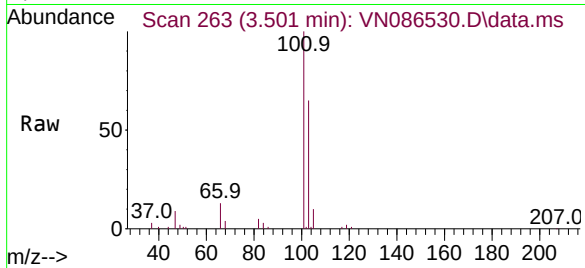




#7
 Trichlorofluoromethane
 Concen: 20.186 ug/l
 RT: 3.501 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN086530.D
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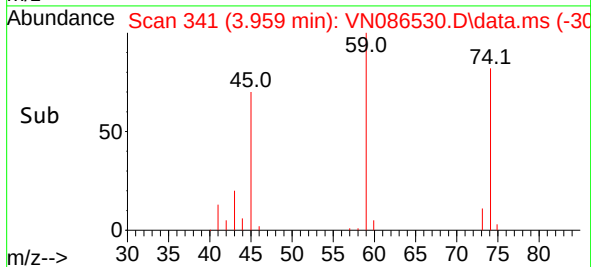
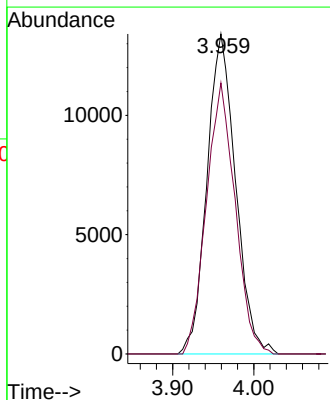
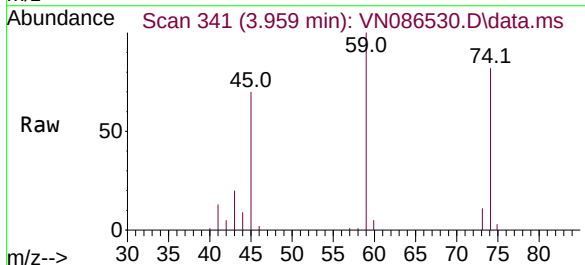
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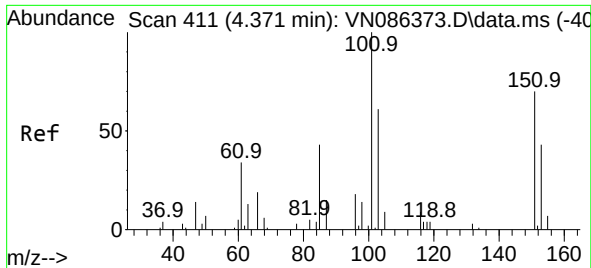
Tgt Ion:101 Resp: 79435
 Ion Ratio Lower Upper
 101 100
 103 65.3 51.8 77.6



#8
 Diethyl Ether
 Concen: 19.804 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. 0.000 min
 Lab File: VN086530.D
 Acq: 07 May 2025 12:12

Tgt Ion: 74 Resp: 32897
 Ion Ratio Lower Upper
 74 100
 45 84.9 18.5 166.3

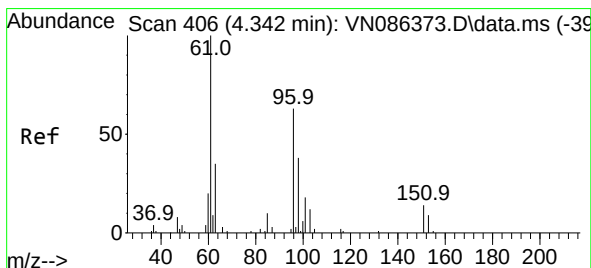
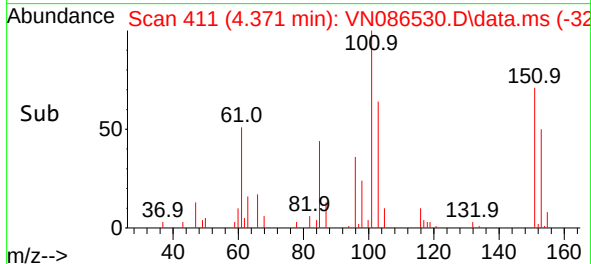
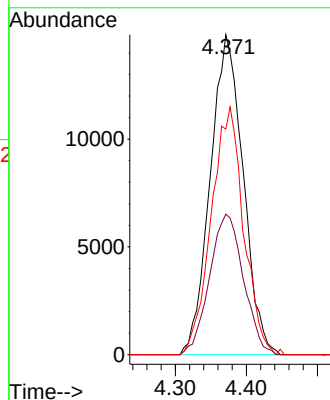
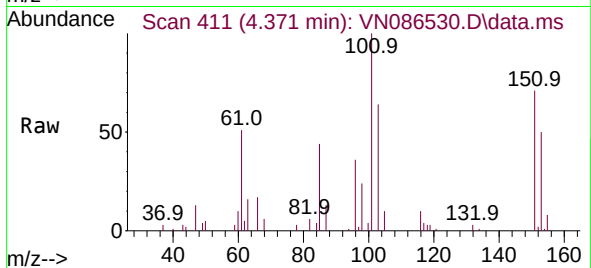




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 19.731 ug/l
 RT: 4.371 min Scan# 411
 Delta R.T. 0.000 min
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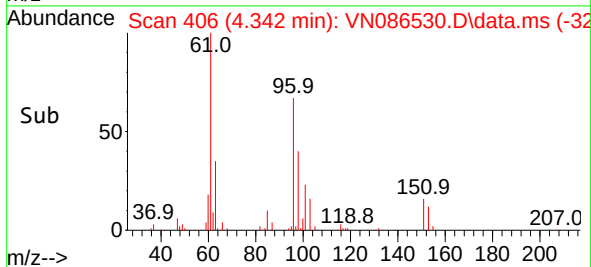
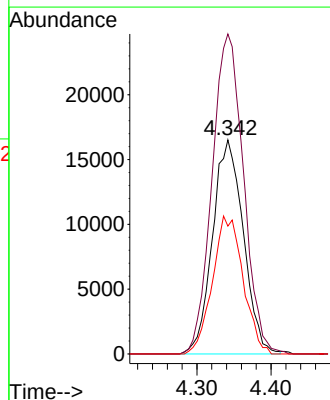
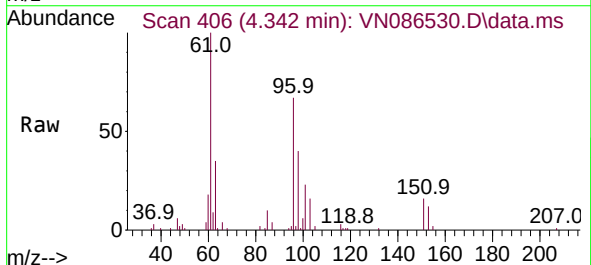
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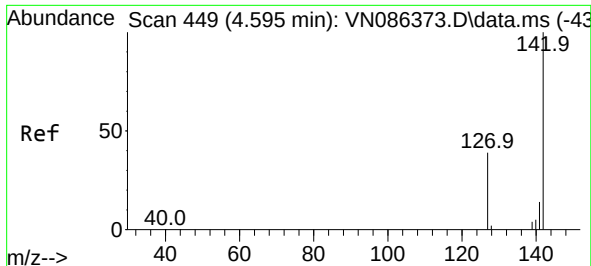
Tgt Ion:101 Resp: 47735
 Ion Ratio Lower Upper
 101 100
 85 45.3 0.0 84.4
 151 76.1 0.0 145.8



#10
 1,1-Dichloroethene
 Concen: 19.253 ug/l
 RT: 4.342 min Scan# 406
 Delta R.T. 0.000 min
 Lab File: VN086530.D
 Acq: 07 May 2025 12:12

Tgt Ion: 96 Resp: 47673
 Ion Ratio Lower Upper
 96 100
 61 149.4 126.2 189.4
 98 59.7 48.5 72.7

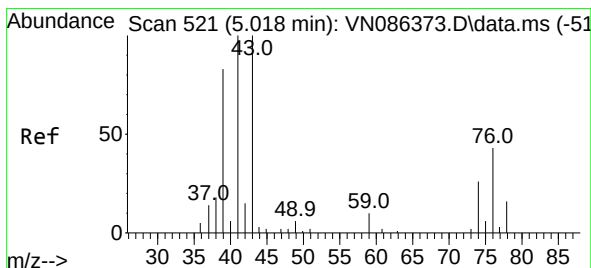
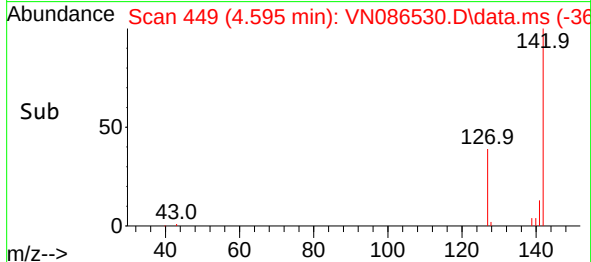
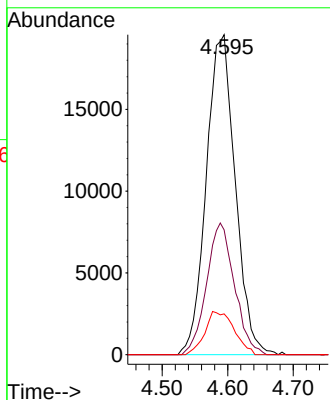
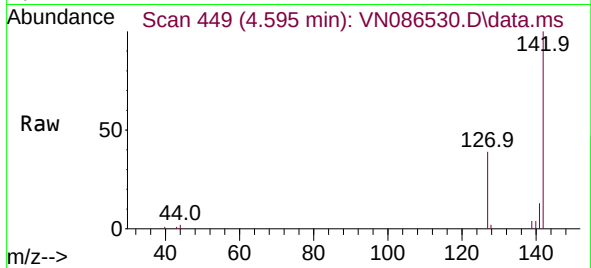




#11
Methyl Iodide
Concen: 20.705 ug/l
RT: 4.595 min Scan# 449
Delta R.T. 0.000 min
Lab File: VN086530.D
Acq: 07 May 2025 12:12

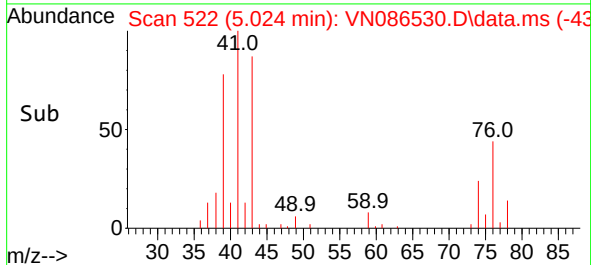
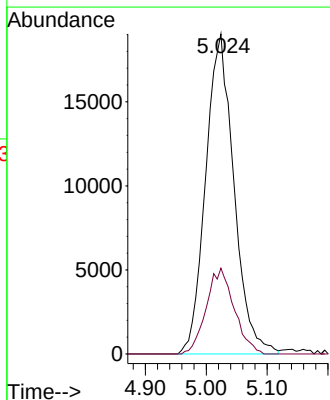
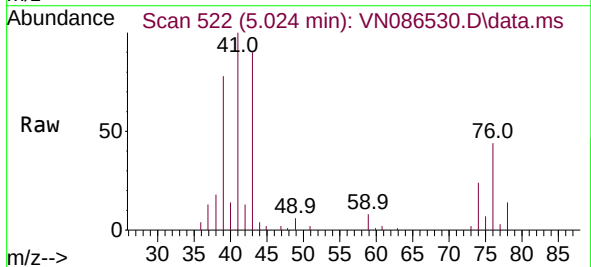
Instrument :
MSVOA_N
ClientSampleId :
VN0507WBSD01

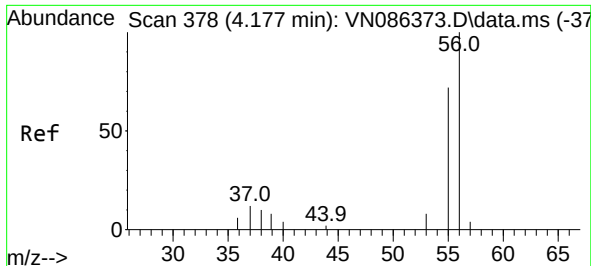
Tgt Ion:142 Resp: 59987
Ion Ratio Lower Upper
142 100
127 39.0 19.3 57.9
141 12.8 7.1 21.3



#12
Methyl Acetate
Concen: 17.504 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN086530.D
Acq: 07 May 2025 12:12

Tgt Ion: 43 Resp: 61433
Ion Ratio Lower Upper
43 100
74 26.9 20.8 31.2

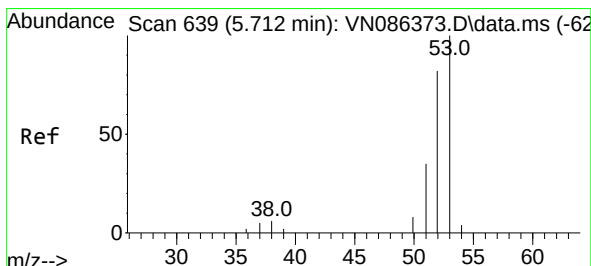
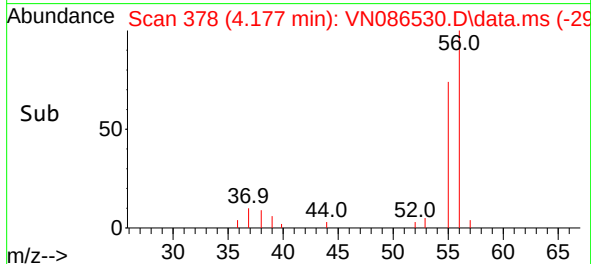
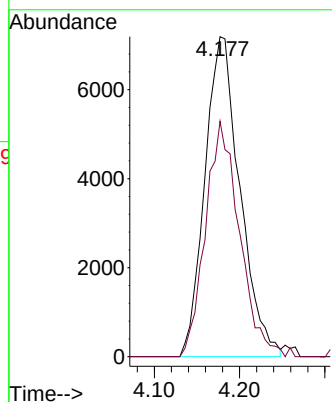
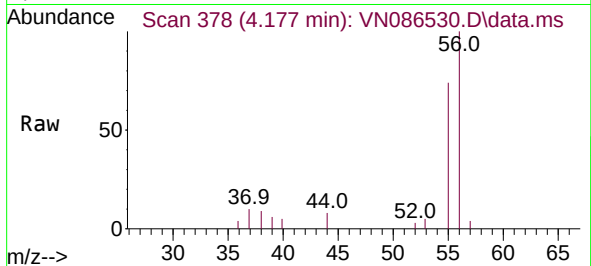




#13
Acrolein
Concen: 127.950 ug/l
RT: 4.177 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN086530.D
Acq: 07 May 2025 12:12

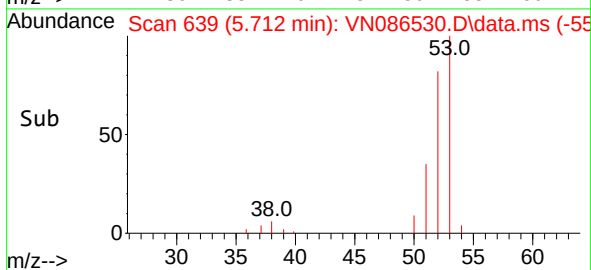
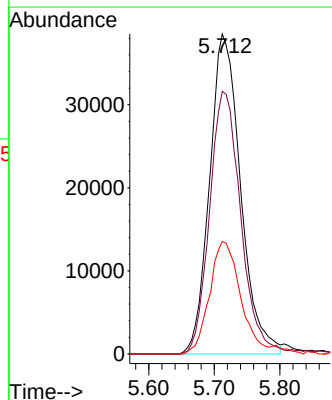
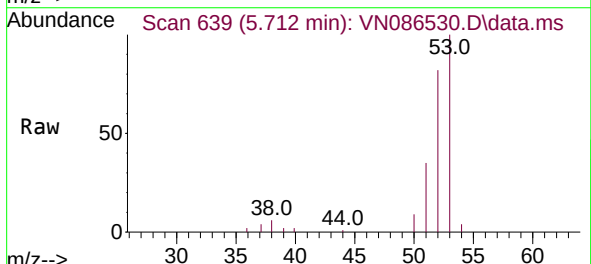
Instrument :
MSVOA_N
ClientSampleId :
VN0507WBSD01

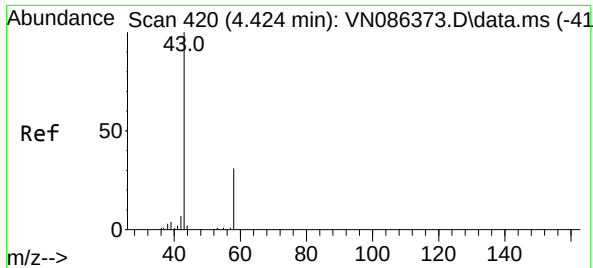
Tgt Ion: 56 Resp: 20545
Ion Ratio Lower Upper
56 100
55 71.0 56.1 84.1



#14
Acrylonitrile
Concen: 96.775 ug/l
RT: 5.712 min Scan# 639
Delta R.T. 0.000 min
Lab File: VN086530.D
Acq: 07 May 2025 12:12

Tgt Ion: 53 Resp: 126412
Ion Ratio Lower Upper
53 100
52 82.3 41.2 123.6
51 35.0 17.6 52.8





#15

Acetone

Concen: 92.615 ug/l

RT: 4.430 min Scan# 41

Delta R.T. 0.006 min

Lab File: VN086530.D

Acq: 07 May 2025 12:12

Instrument :

MSVOA_N

ClientSampleId :

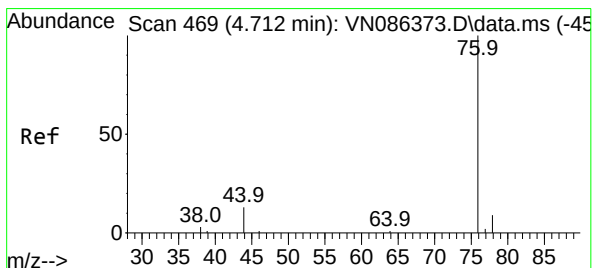
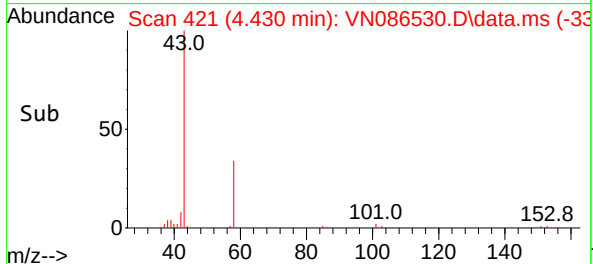
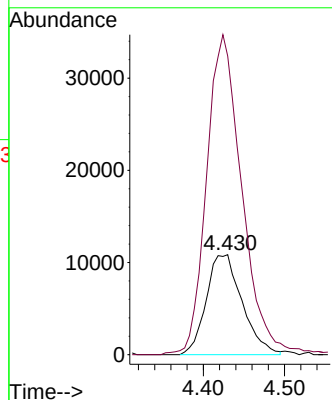
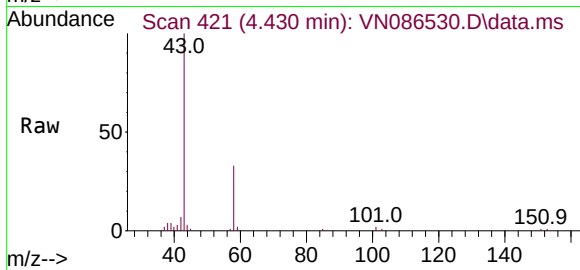
VN0507WBSD01

Tgt Ion: 58 Resp: 33336

Ion Ratio Lower Upper

58 100

43 294.5 255.1 382.7



#16

Carbon Disulfide

Concen: 18.575 ug/l

RT: 4.712 min Scan# 469

Delta R.T. 0.000 min

Lab File: VN086530.D

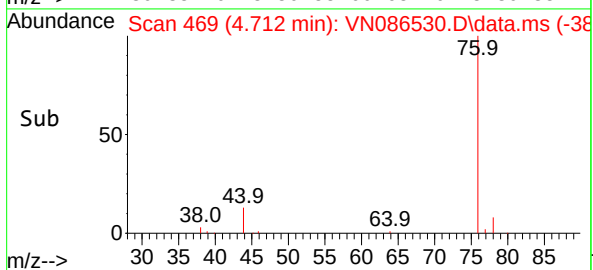
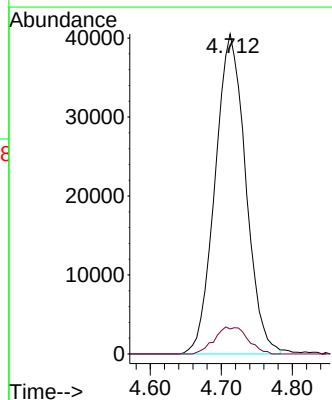
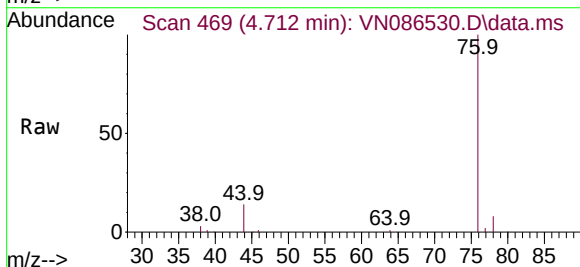
Acq: 07 May 2025 12:12

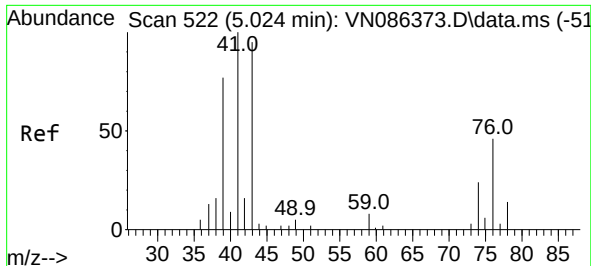
Tgt Ion: 76 Resp: 121197

Ion Ratio Lower Upper

76 100

78 7.8 7.1 10.7





#17

Allyl chloride

Concen: 18.044 ug/l

RT: 5.018 min Scan# 51

Delta R.T. -0.006 min

Lab File: VN086530.D

Acq: 07 May 2025 12:12

Instrument :

MSVOA_N

ClientSampleId :

VN0507WBSD01

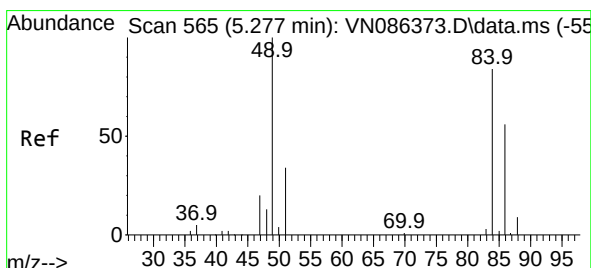
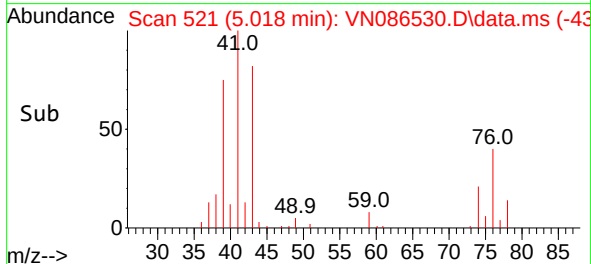
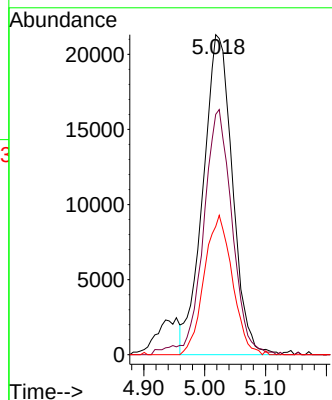
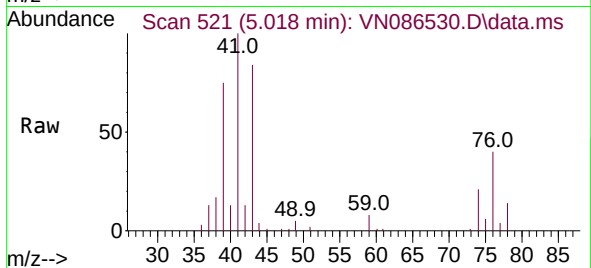
Tgt Ion: 41 Resp: 71444

Ion Ratio Lower Upper

41 100

39 74.4 36.7 110.1

76 40.0 21.8 65.4



#18

Methylene Chloride

Concen: 20.026 ug/l

RT: 5.271 min Scan# 564

Delta R.T. -0.006 min

Lab File: VN086530.D

Acq: 07 May 2025 12:12

Tgt Ion: 84 Resp: 56472

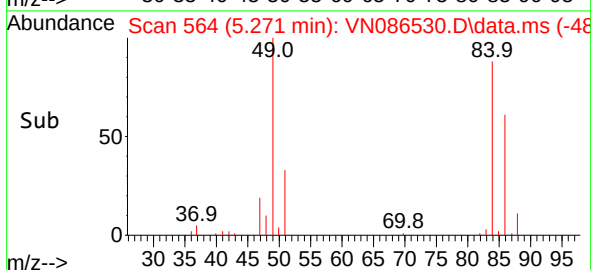
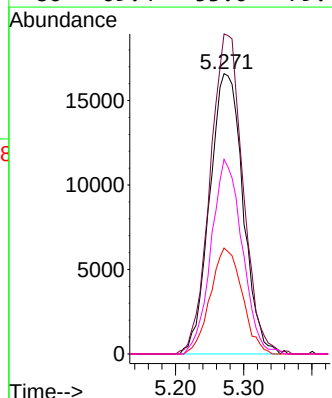
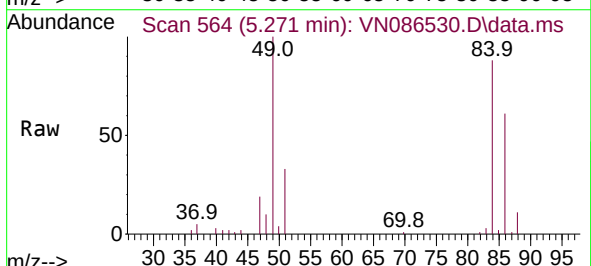
Ion Ratio Lower Upper

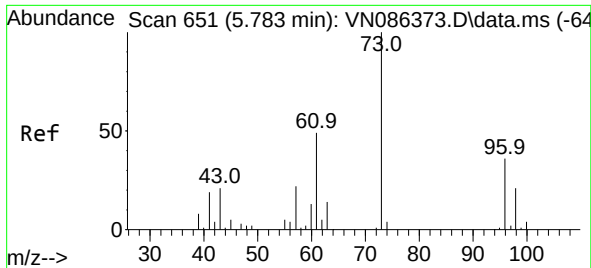
84 100

49 113.2 95.4 143.0

51 37.8 32.8 49.2

86 69.4 53.0 79.4





#19

trans-1,2-Dichloroethene

Concen: 19.286 ug/l

RT: 5.789 min Scan# 651

Delta R.T. 0.006 min

Lab File: VN086530.D

Acq: 07 May 2025 12:12

Instrument :

MSVOA_N

ClientSampleId :

VN0507WBSD01

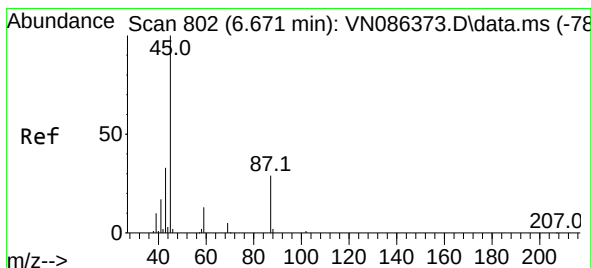
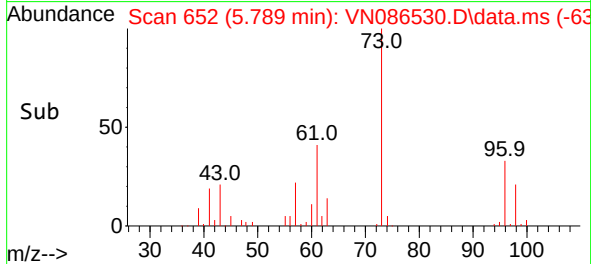
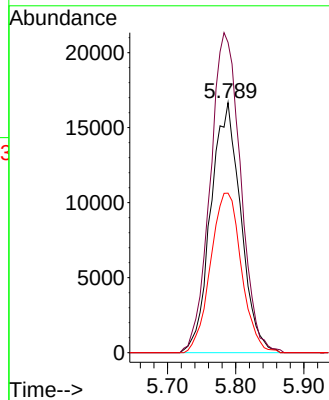
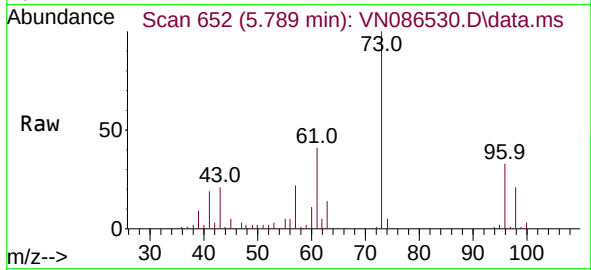
Tgt Ion: 96 Resp: 50902

Ion Ratio Lower Upper

96 100

61 124.0 107.3 160.9

98 63.8 46.7 70.1



#20

Diisopropyl ether

Concen: 17.645 ug/l

RT: 6.665 min Scan# 801

Delta R.T. -0.006 min

Lab File: VN086530.D

Acq: 07 May 2025 12:12

Tgt Ion: 45 Resp: 166107

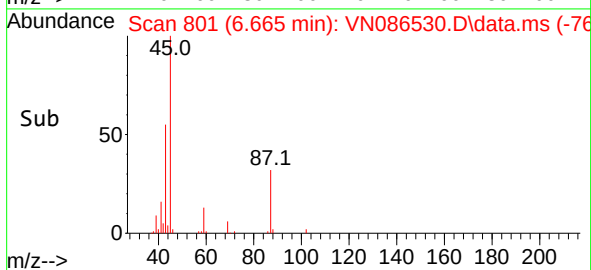
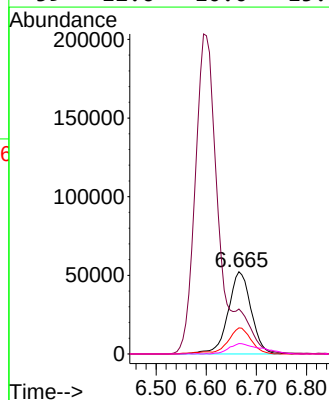
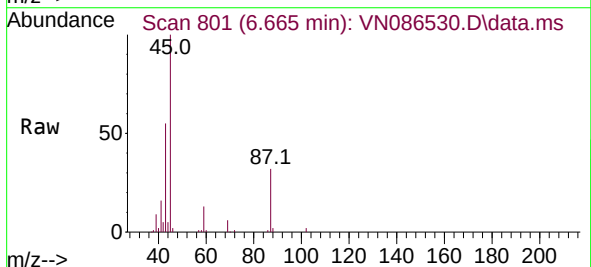
Ion Ratio Lower Upper

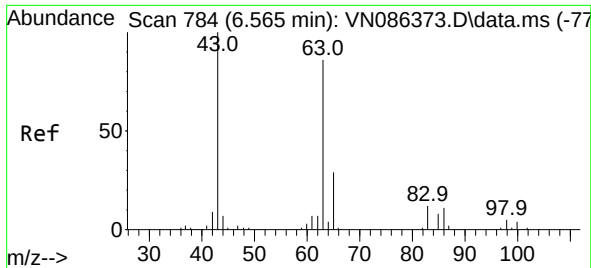
45 100

43 52.7 38.8 58.2

87 31.8 23.5 35.3

59 12.6 10.0 15.0

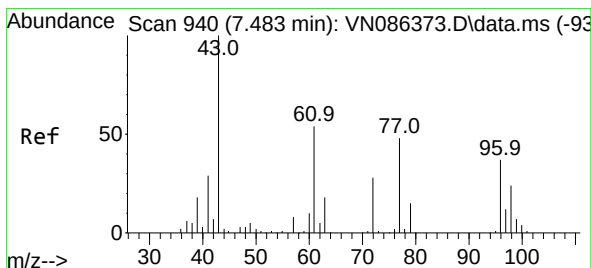
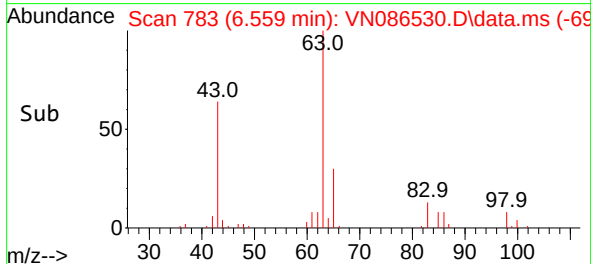
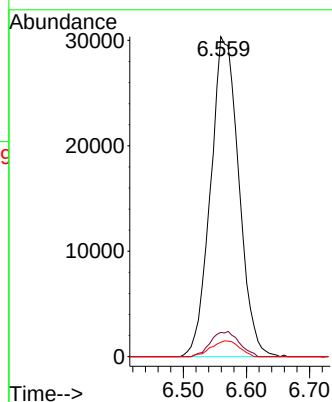
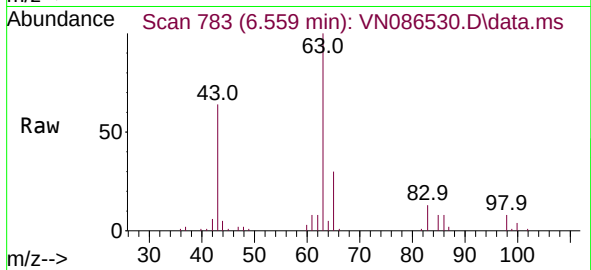




#21
 1,1-Dichloroethane
 Concen: 18.292 ug/l
 RT: 6.559 min Scan# 783
 Delta R.T. -0.006 min
 Lab File: VN086530.D
 Acq: 07 May 2025 12:12

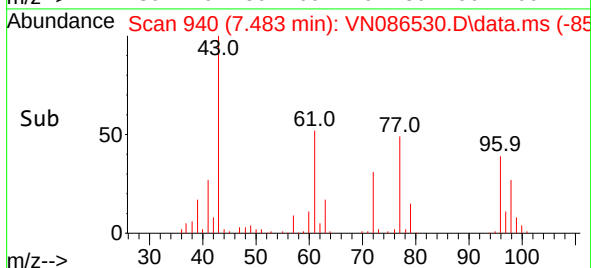
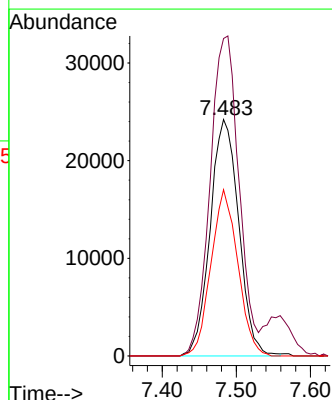
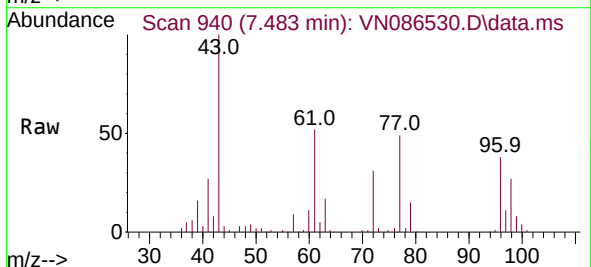
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0507WBSD01

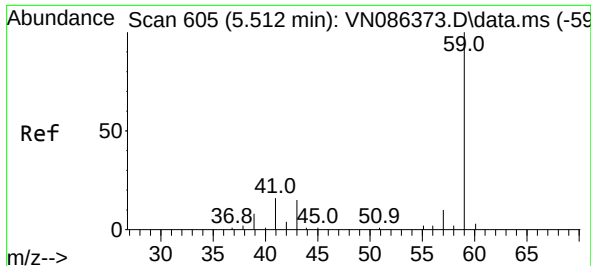
Tgt Ion: 63 Resp: 94261
 Ion Ratio Lower Upper
 63 100
 98 7.6 3.0 9.2
 100 4.5 2.3 6.8



#22
 cis-1,2-Dichloroethene
 Concen: 19.659 ug/l
 RT: 7.483 min Scan# 940
 Delta R.T. 0.000 min
 Lab File: VN086530.D
 Acq: 07 May 2025 12:12

Tgt Ion: 96 Resp: 64880
 Ion Ratio Lower Upper
 96 100
 61 136.7 120.6 181.0
 98 66.1 51.8 77.6

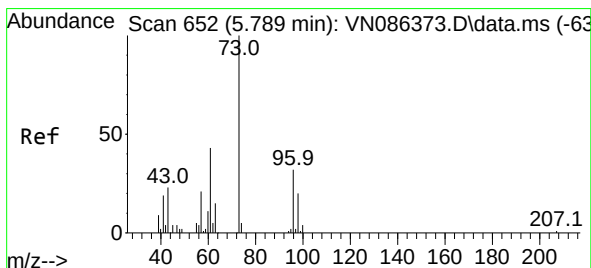
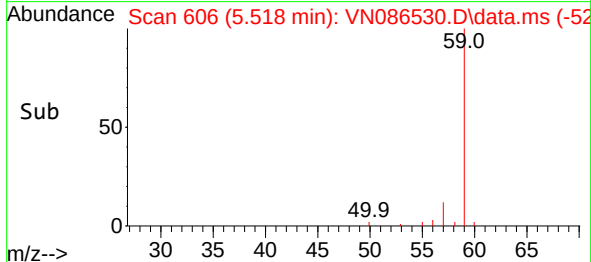
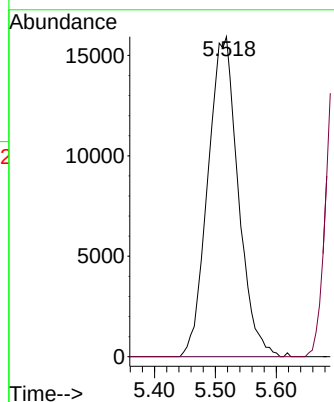
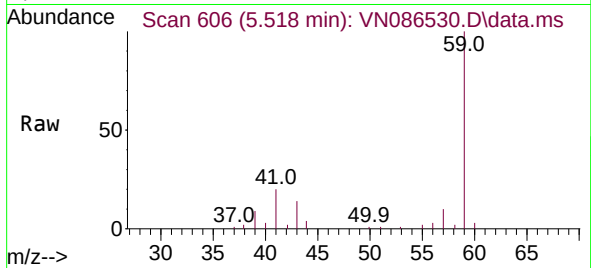




#23
tert-Butyl Alcohol
Concen: 109.083 ug/l
RT: 5.518 min Scan# 605
Delta R.T. 0.006 min
Lab File: VN086530.D
Acq: 07 May 2025 12:12

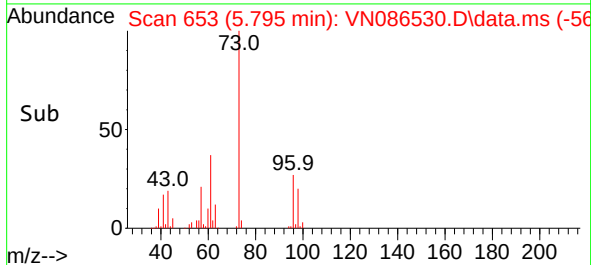
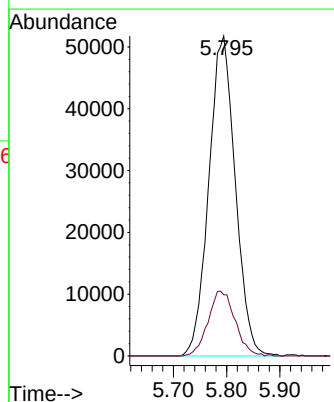
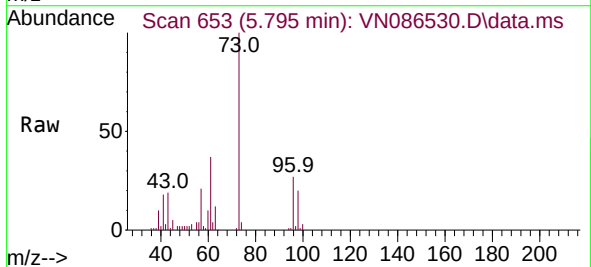
Instrument :
MSVOA_N
ClientSampleId :
VN0507WBSD01

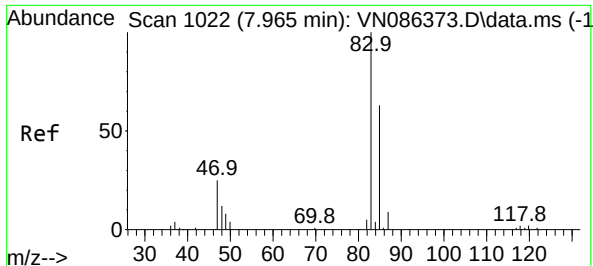
Tgt Ion: 59 Resp: 55198
Ion Ratio Lower Upper
59 100
52 188.4 0.1 0.1#



#24
Methyl tert-Butyl Ether
Concen: 19.522 ug/l
RT: 5.795 min Scan# 653
Delta R.T. 0.006 min
Lab File: VN086530.D
Acq: 07 May 2025 12:12

Tgt Ion: 73 Resp: 178596
Ion Ratio Lower Upper
73 100
43 20.6 17.1 25.7





#25

Chloroform

Concen: 19.150 ug/l

RT: 7.959 min Scan# 1021

Delta R.T. -0.006 min

Lab File: VN086530.D

Acq: 07 May 2025 12:12

Instrument :

MSVOA_N

ClientSampleId :

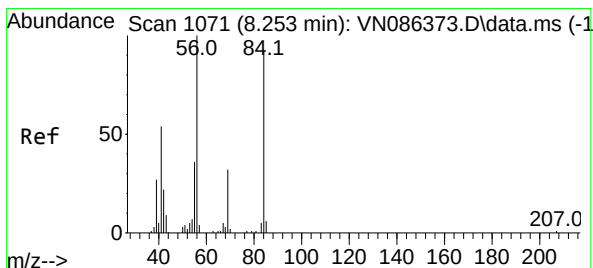
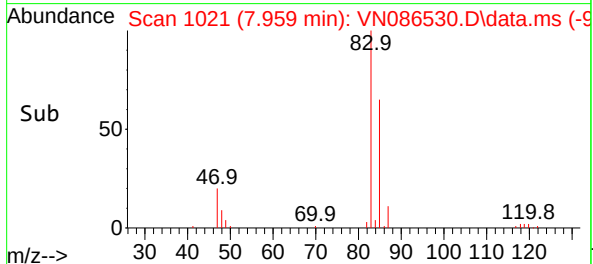
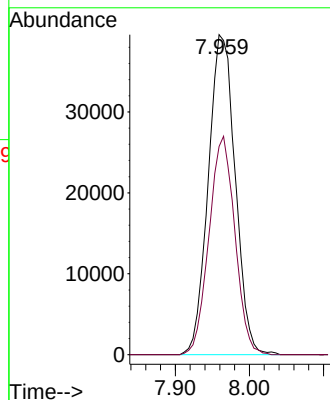
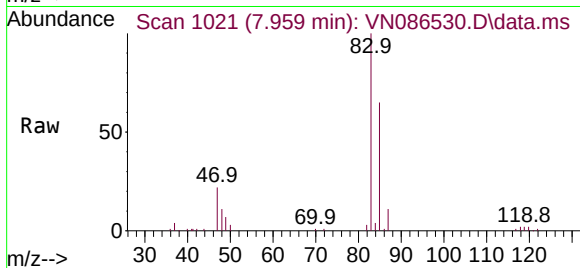
VN0507WBSD01

Tgt Ion: 83 Resp: 99872

Ion Ratio Lower Upper

83 100

85 65.1 50.2 75.2



#26

Cyclohexane

Concen: 17.220 ug/l

RT: 8.253 min Scan# 1071

Delta R.T. 0.000 min

Lab File: VN086530.D

Acq: 07 May 2025 12:12

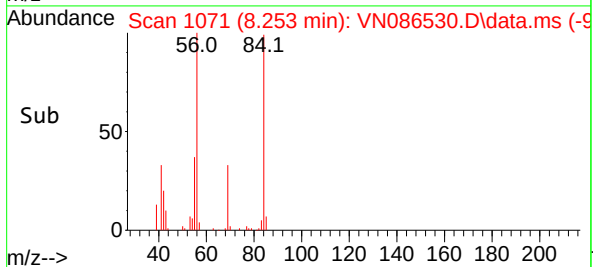
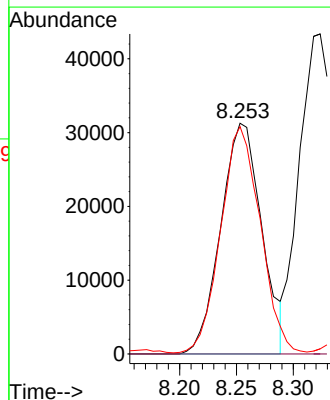
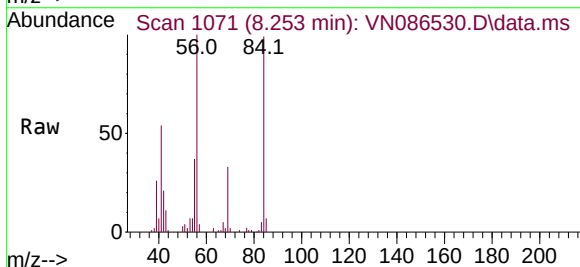
Tgt Ion: 56 Resp: 78349

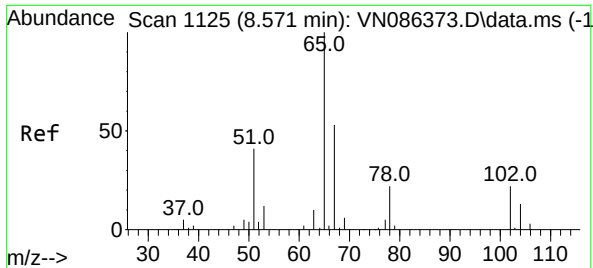
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

84 96.0 71.5 107.3

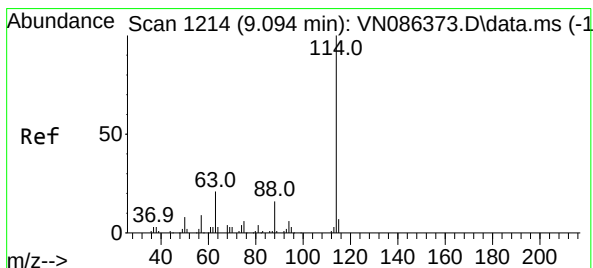
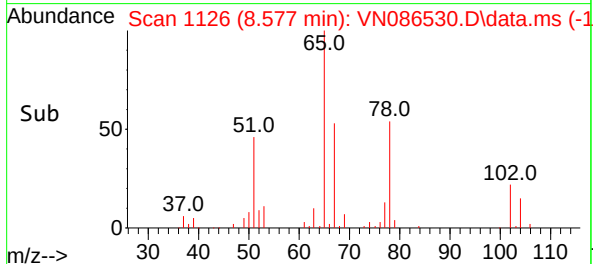
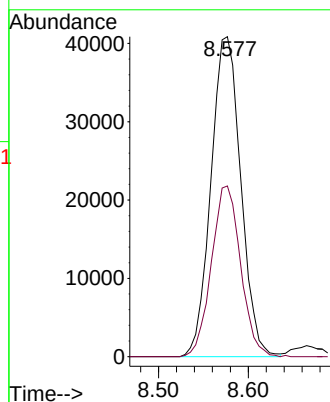
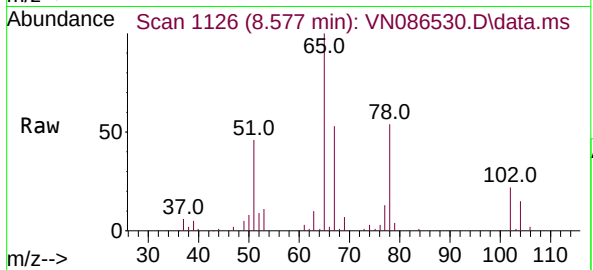




#27
 1,2-Dichloroethane-d4
 Concen: 27.566 ug/l
 RT: 8.577 min Scan# 1125
 Delta R.T. 0.006 min
 Lab File: VN086530.D
 Acq: 07 May 2025 12:12

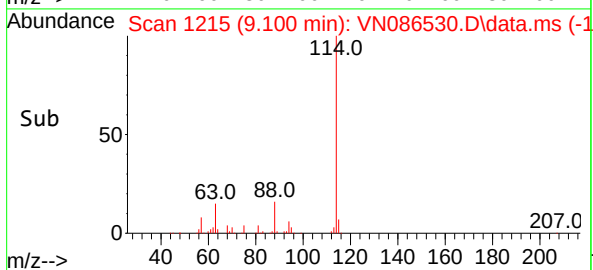
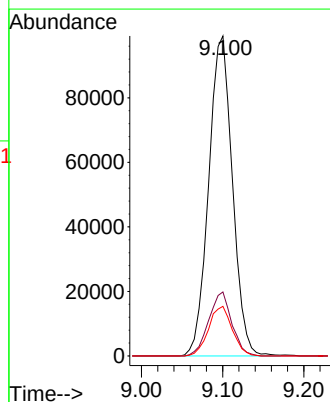
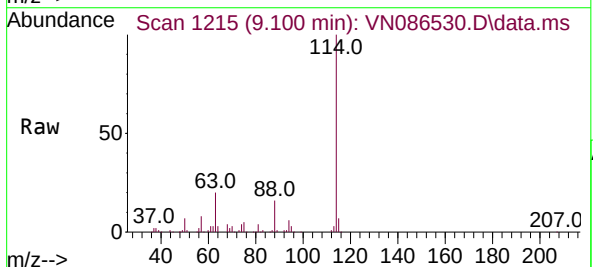
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0507WBSD01

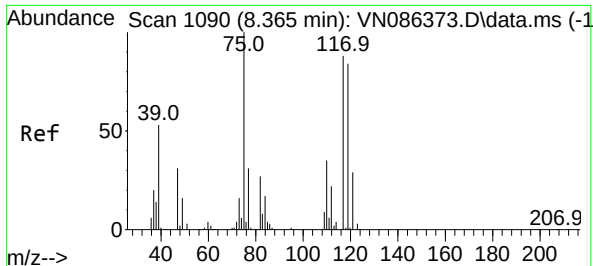
Tgt Ion: 65 Resp: 94332
 Ion Ratio Lower Upper
 65 100
 67 52.1 42.5 63.7



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 9.100 min Scan# 1215
 Delta R.T. 0.006 min
 Lab File: VN086530.D
 Acq: 07 May 2025 12:12

Tgt Ion: 114 Resp: 201715
 Ion Ratio Lower Upper
 114 100
 63 19.4 16.7 25.1
 88 15.5 12.6 19.0





#29

1,1-Dichloropropene

Concen: 19.304 ug/l

RT: 8.371 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN086530.D

Acq: 07 May 2025 12:12

Instrument :

MSVOA_N

ClientSampleId :

VN0507WBSD01

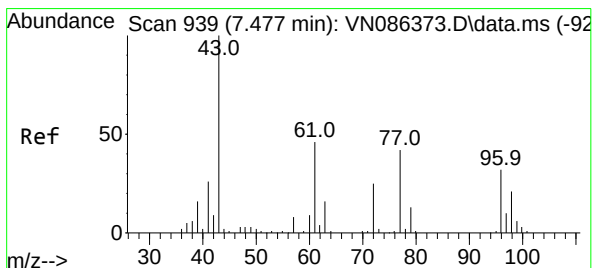
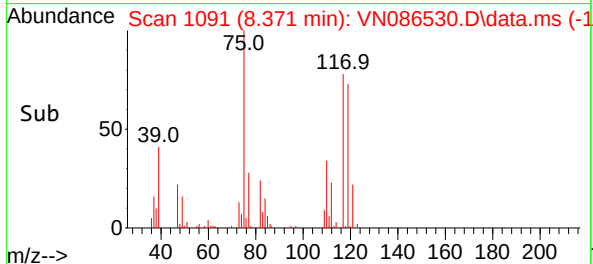
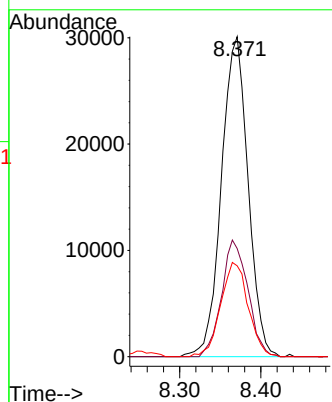
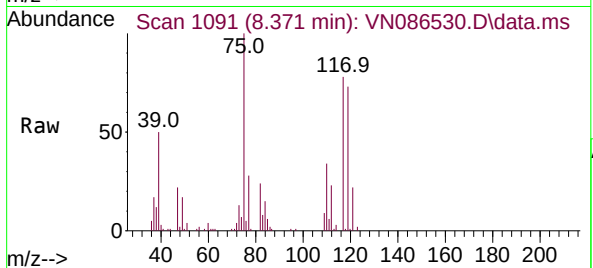
Tgt Ion: 75 Resp: 68645

Ion Ratio Lower Upper

75 100

110 36.0 0.0 68.0

77 30.5 0.0 61.4



#30

2-Butanone

Concen: 97.882 ug/l

RT: 7.477 min Scan# 939

Delta R.T. 0.000 min

Lab File: VN086530.D

Acq: 07 May 2025 12:12

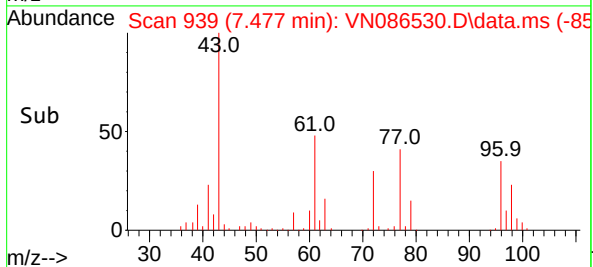
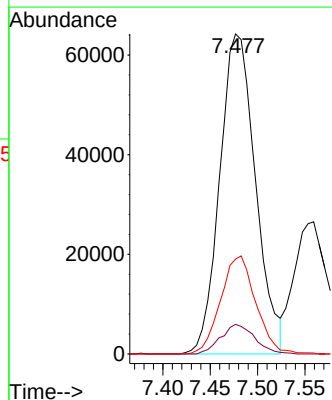
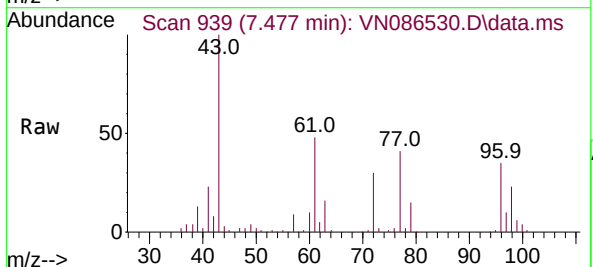
Tgt Ion: 43 Resp: 168945

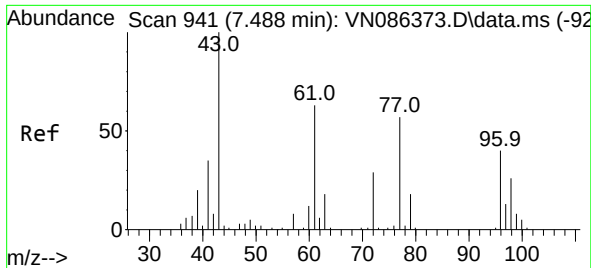
Ion Ratio Lower Upper

43 100

57 8.8 6.6 10.0

72 29.8 22.2 33.4

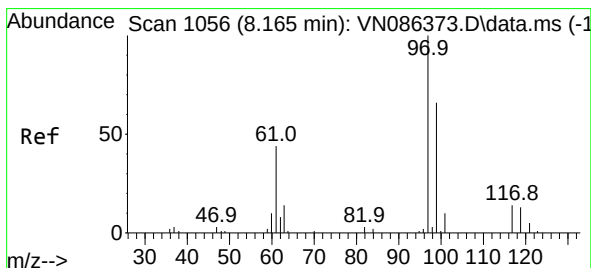
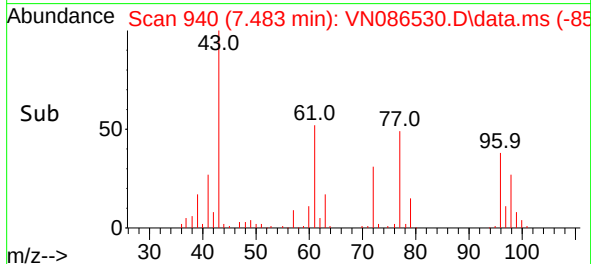
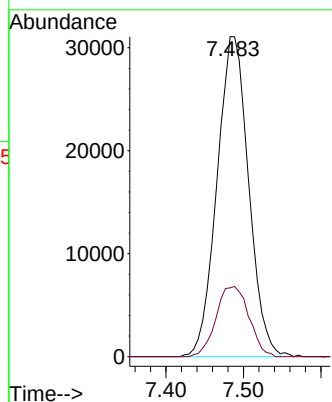
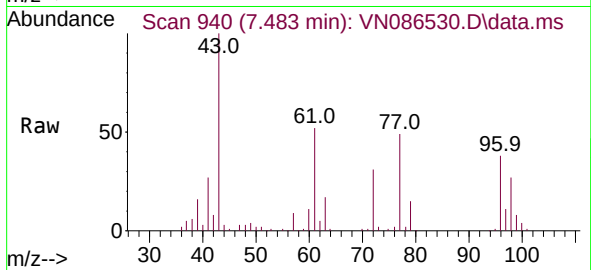




#31
2,2-Dichloropropane
Concen: 19.268 ug/l
RT: 7.483 min Scan# 941
Delta R.T. -0.006 min
Lab File: VN086530.D
Acq: 07 May 2025 12:12

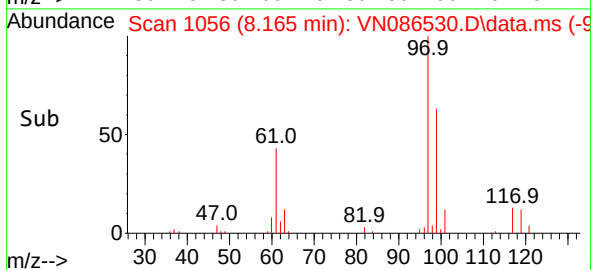
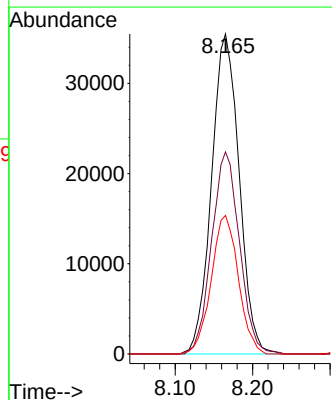
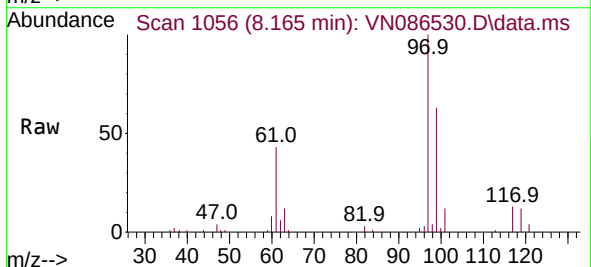
Instrument :
MSVOA_N
ClientSampleId :
VN0507WBSD01

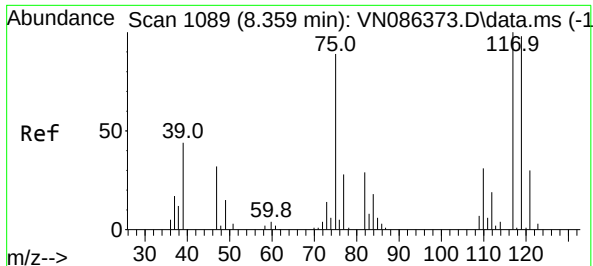
Tgt Ion: 77 Resp: 88081
Ion Ratio Lower Upper
77 100
97 22.8 18.2 27.2



#32
1,1,1-Trichloroethane
Concen: 20.674 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN086530.D
Acq: 07 May 2025 12:12

Tgt Ion: 97 Resp: 87851
Ion Ratio Lower Upper
97 100
99 63.7 52.6 79.0
61 42.6 36.4 54.6

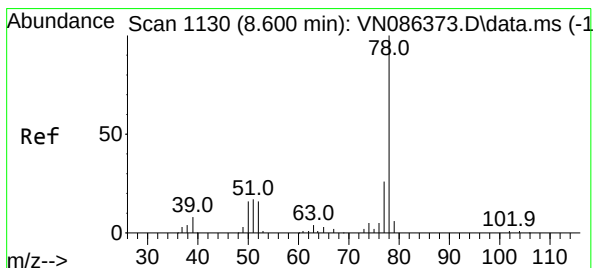
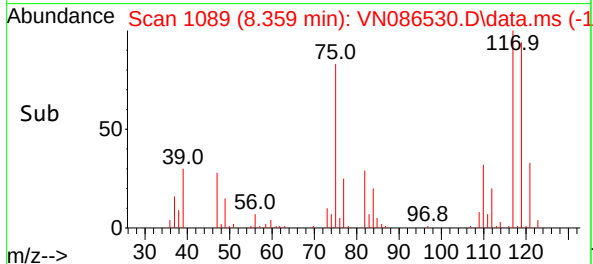
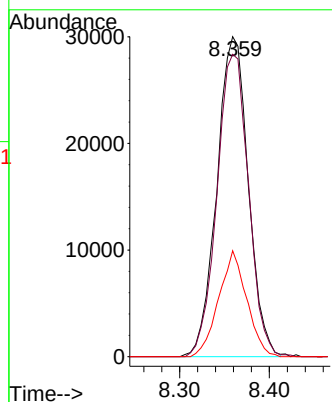
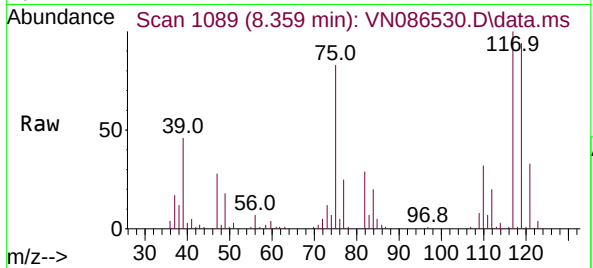




#33
Carbon Tetrachloride
Concen: 20.822 ug/l
RT: 8.359 min Scan# 1108
Delta R.T. 0.000 min
Lab File: VN086530.D
Acq: 07 May 2025 12:12

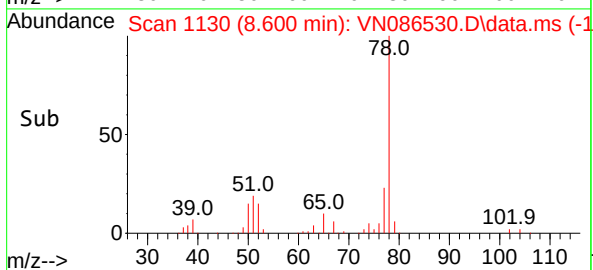
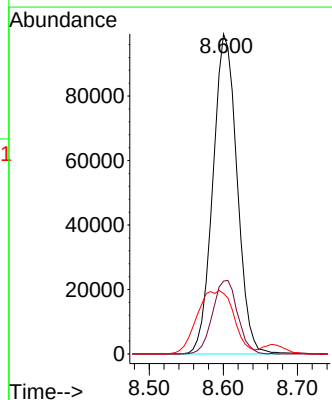
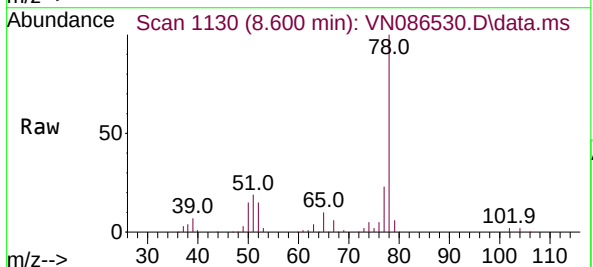
Instrument :
MSVOA_N
ClientSampleId :
VN0507WBSD01

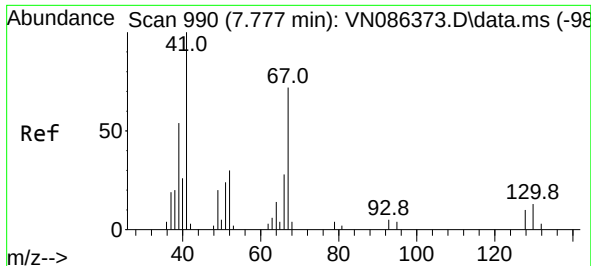
Tgt Ion:117 Resp: 72840
Ion Ratio Lower Upper
117 100
119 94.5 78.6 117.8
121 33.1 24.0 36.0



#34
Benzene
Concen: 19.857 ug/l
RT: 8.600 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VN086530.D
Acq: 07 May 2025 12:12

Tgt Ion: 78 Resp: 224594
Ion Ratio Lower Upper
78 100
77 22.7 20.8 31.2
51 17.7 14.0 21.0

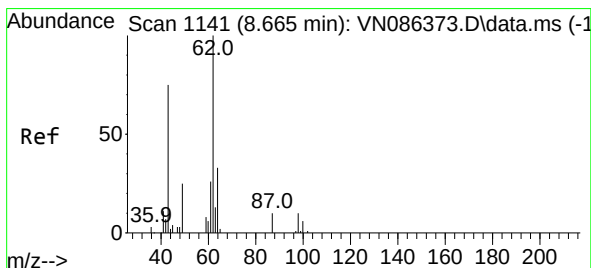
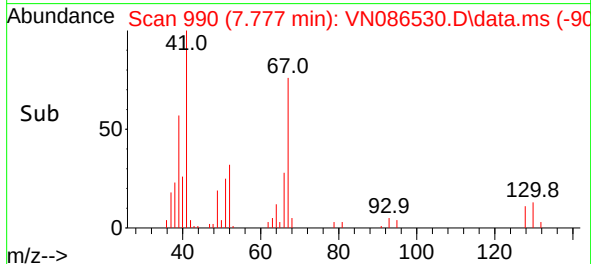
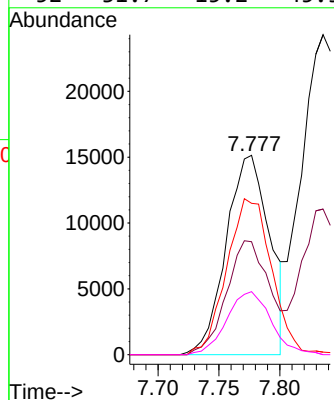
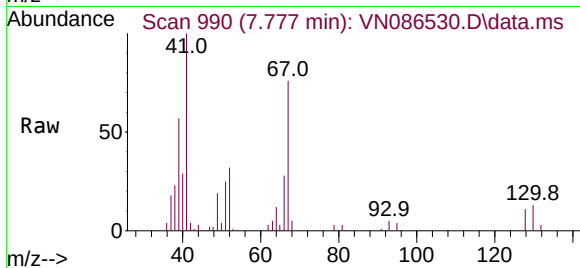




#35
Methacrylonitrile
Concen: 19.078 ug/l
RT: 7.777 min Scan# 990
Delta R.T. 0.000 min
Lab File: VN086530.D
Acq: 07 May 2025 12:12

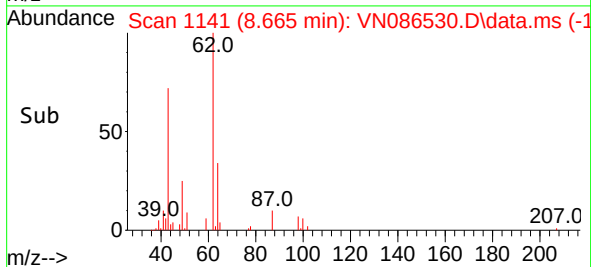
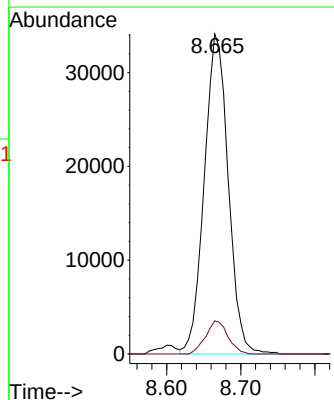
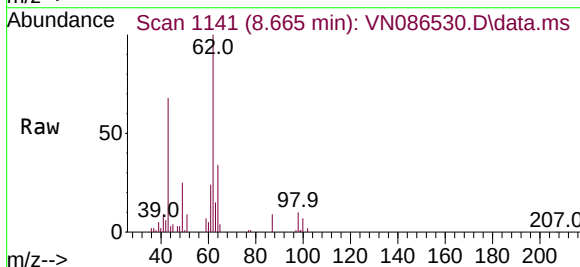
Instrument :
MSVOA_N
ClientSampleId :
VN0507WBSD01

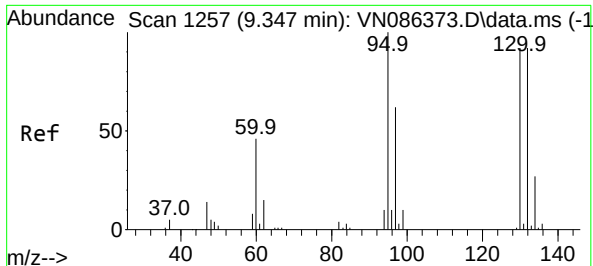
Tgt Ion:	41	Resp:	37562
Ion	Ratio	Lower	Upper
41	100		
39	56.7	27.0	80.8
67	75.9	35.8	107.3
52	31.7	15.2	45.5



#36
1,2-Dichloroethane
Concen: 20.883 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. 0.000 min
Lab File: VN086530.D
Acq: 07 May 2025 12:12

Tgt Ion:	62	Resp:	76687
Ion	Ratio	Lower	Upper
62	100		
98	9.6	7.6	11.4

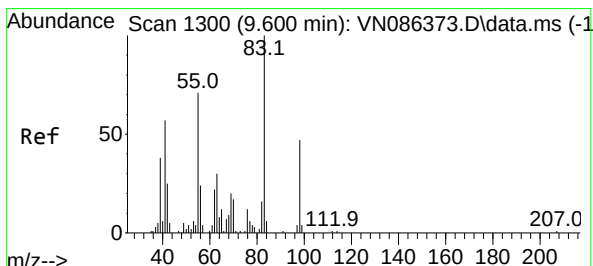
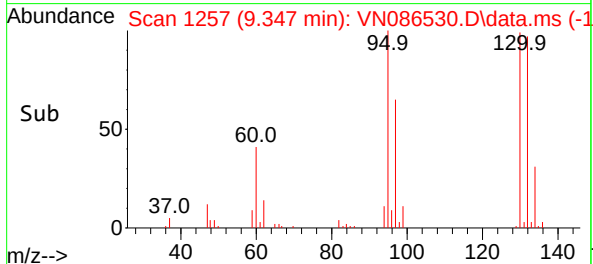
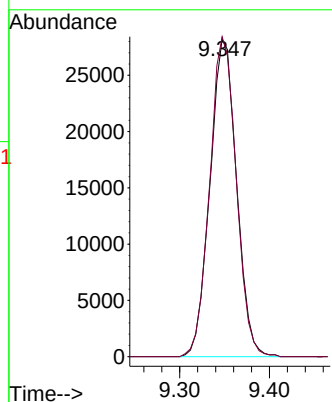
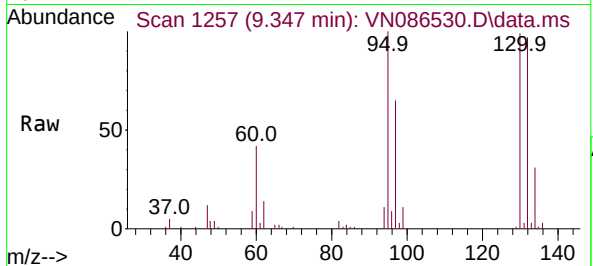




#37
Trichloroethene
Concen: 20.479 ug/l
RT: 9.347 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN086530.D
Acq: 07 May 2025 12:12

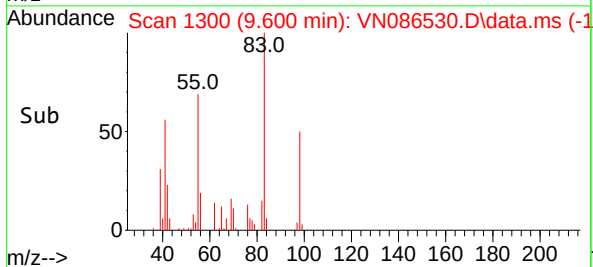
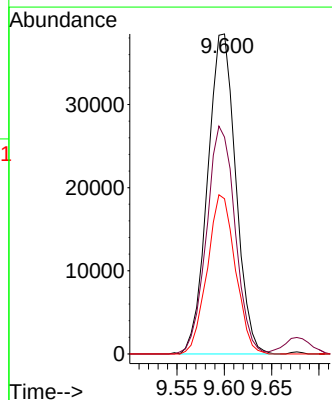
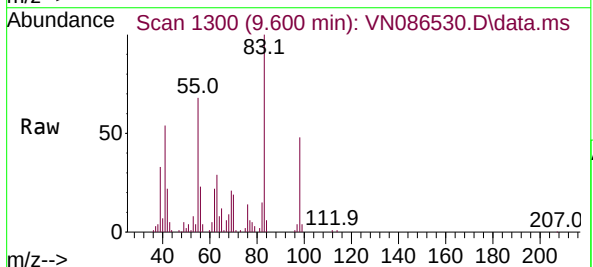
Instrument :
MSVOA_N
ClientSampleId :
VN0507WBSD01

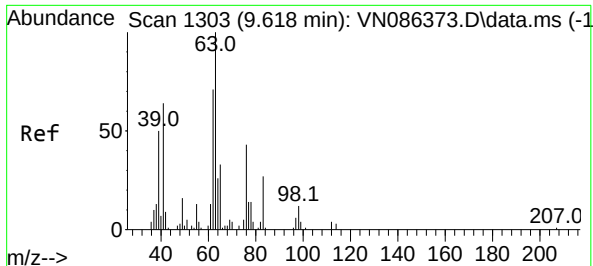
Tgt Ion:130 Resp: 57987
Ion Ratio Lower Upper
130 100
95 100.8 86.6 130.0



#38
Methylcyclohexane
Concen: 19.357 ug/l
RT: 9.600 min Scan# 1300
Delta R.T. 0.000 min
Lab File: VN086530.D
Acq: 07 May 2025 12:12

Tgt Ion: 83 Resp: 79501
Ion Ratio Lower Upper
83 100
55 72.1 37.3 111.9
98 49.5 23.8 71.5





#39

1,2-Dichloropropane

Concen: 18.927 ug/l

RT: 9.618 min Scan# 1303

Delta R.T. 0.000 min

Lab File: VN086530.D

Acq: 07 May 2025 12:12

Instrument :

MSVOA_N

ClientSampleId :

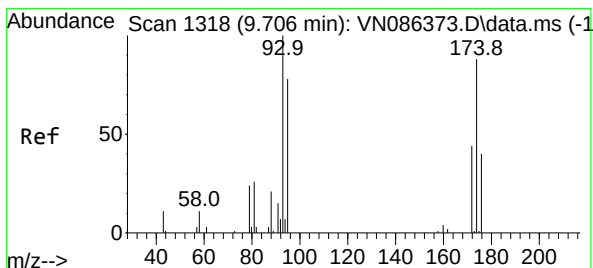
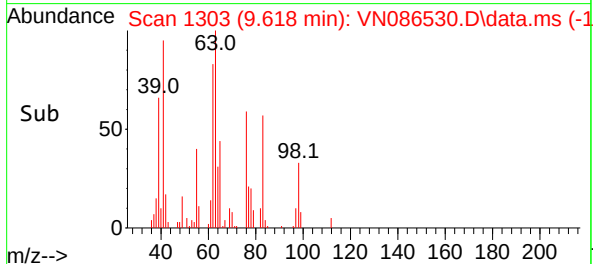
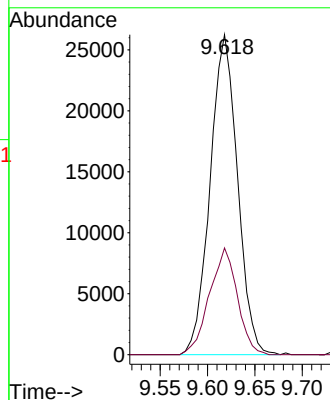
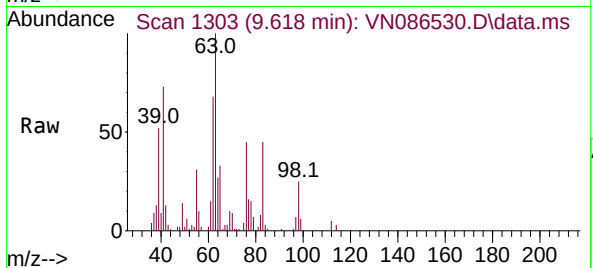
VN0507WBSD01

Tgt Ion: 63 Resp: 52885

Ion Ratio Lower Upper

63 100

65 33.3 26.7 40.1



#40

Dibromomethane

Concen: 20.987 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. 0.000 min

Lab File: VN086530.D

Acq: 07 May 2025 12:12

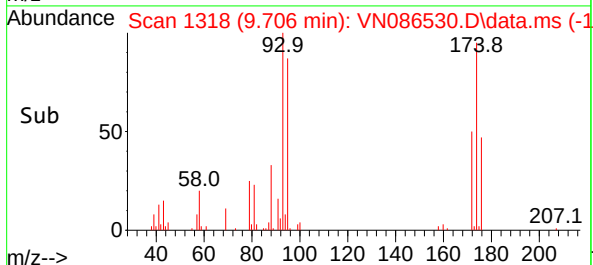
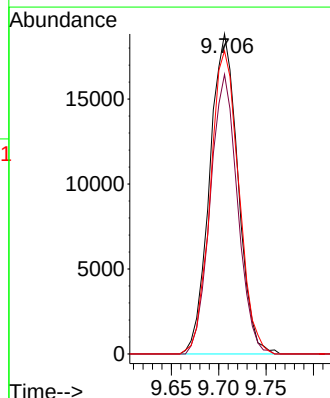
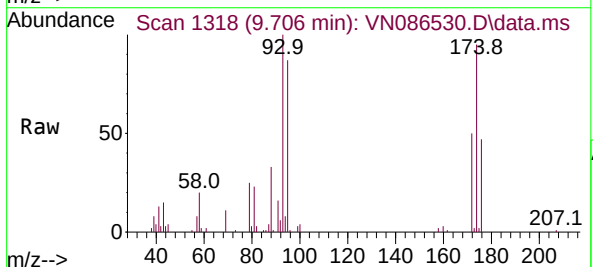
Tgt Ion: 93 Resp: 39216

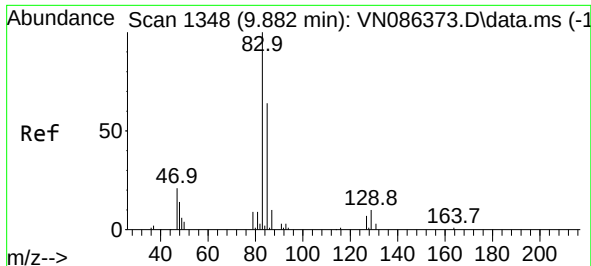
Ion Ratio Lower Upper

93 100

95 83.8 0.0 159.2

174 94.9 0.0 171.4

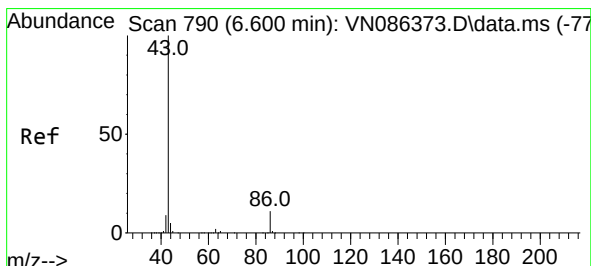
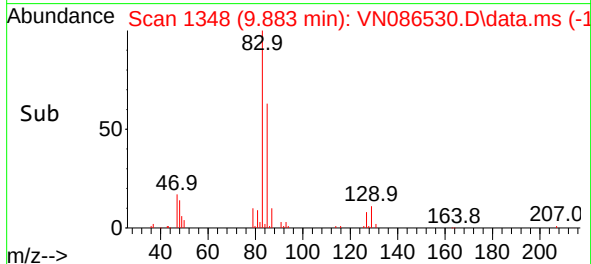
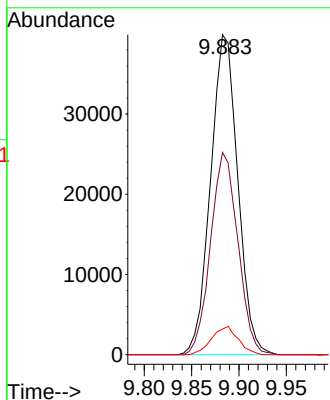
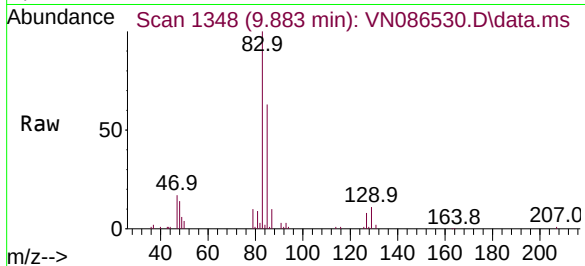




#41
Bromodichloromethane
Concen: 20.179 ug/l
RT: 9.883 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086530.D
Acq: 07 May 2025 12:12

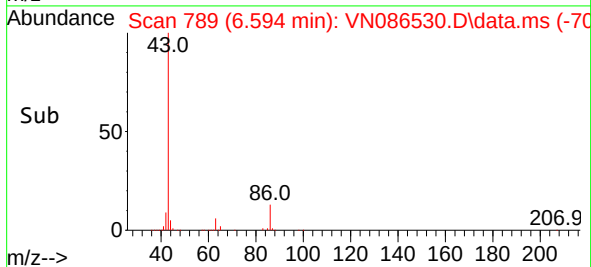
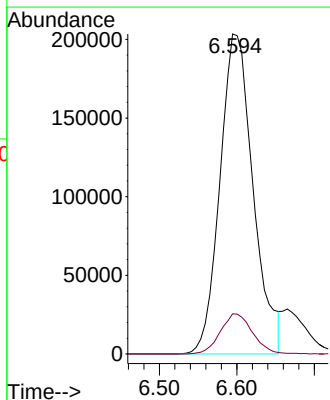
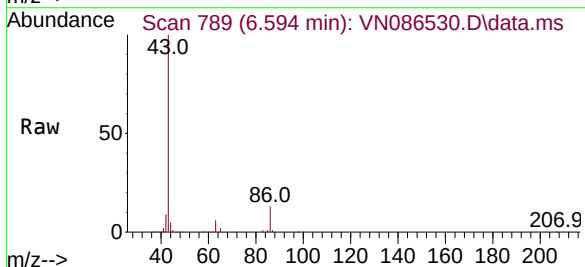
Instrument :
MSVOA_N
ClientSampleId :
VN0507WBSD01

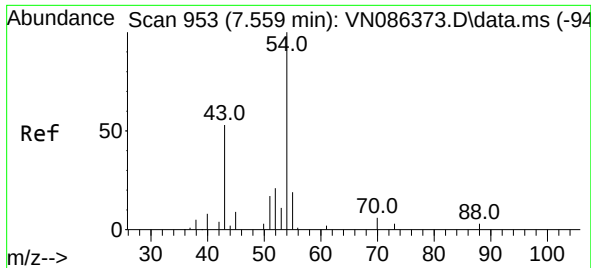
Tgt Ion: 83 Resp: 79793
Ion Ratio Lower Upper
83 100
85 63.2 51.1 76.7
127 8.0 5.9 8.9



#42
Vinyl Acetate
Concen: 101.406 ug/l
RT: 6.594 min Scan# 789
Delta R.T. -0.006 min
Lab File: VN086530.D
Acq: 07 May 2025 12:12

Tgt Ion: 43 Resp: 606311
Ion Ratio Lower Upper
43 100
86 12.2 8.9 13.3

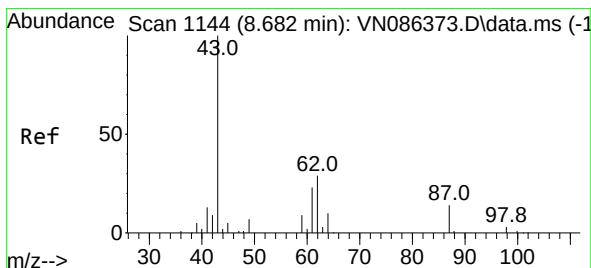
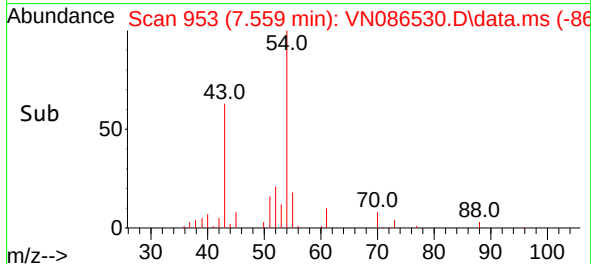
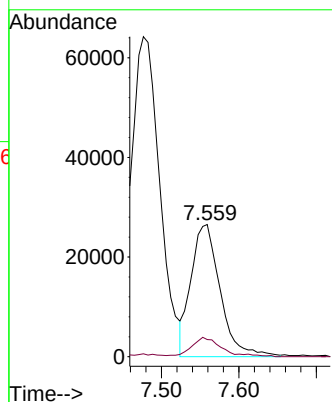
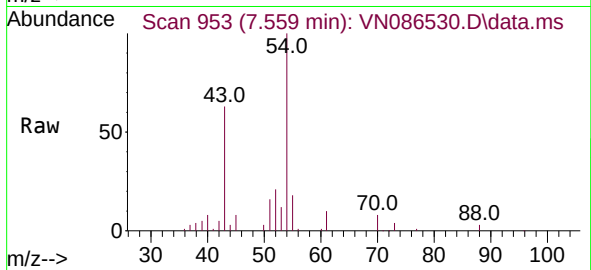




#43
Ethyl Acetate
Concen: 20.330 ug/l
RT: 7.559 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN086530.D
Acq: 07 May 2025 12:12

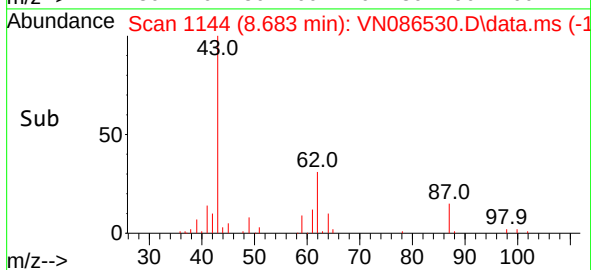
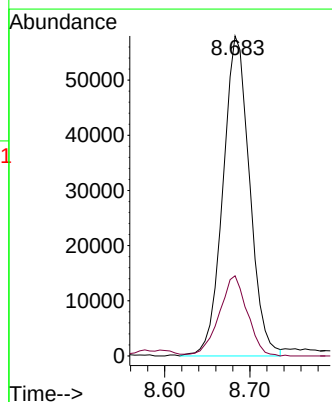
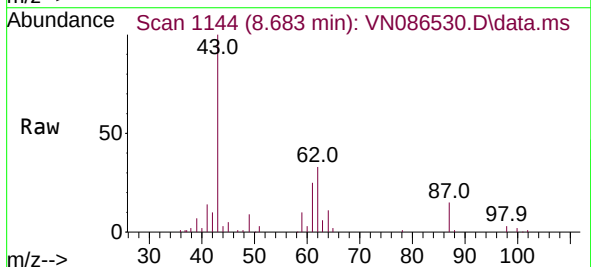
Instrument :
MSVOA_N
ClientSampleId :
VN0507WBSD01

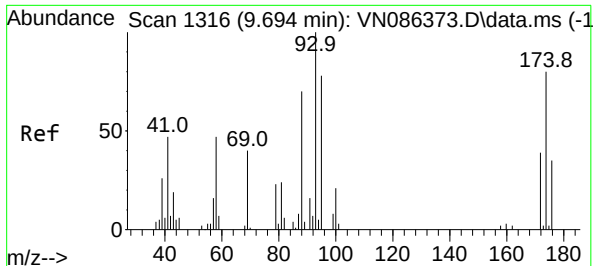
Tgt Ion: 43 Resp: 69441
Ion Ratio Lower Upper
43 100
45 11.5 11.4 17.2



#44
Isopropyl Acetate
Concen: 19.468 ug/l
RT: 8.683 min Scan# 1144
Delta R.T. 0.000 min
Lab File: VN086530.D
Acq: 07 May 2025 12:12

Tgt Ion: 43 Resp: 126204
Ion Ratio Lower Upper
43 100
61 26.4 21.0 31.4

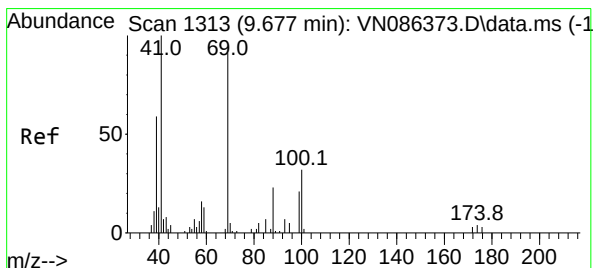
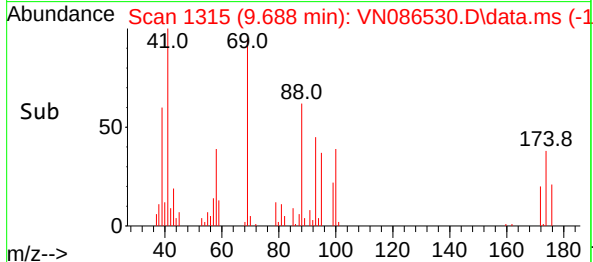
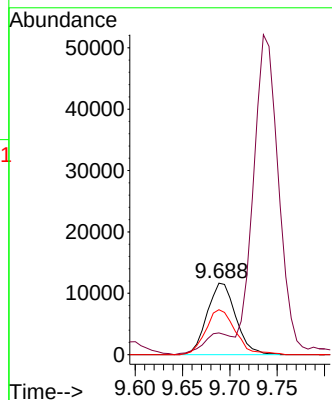
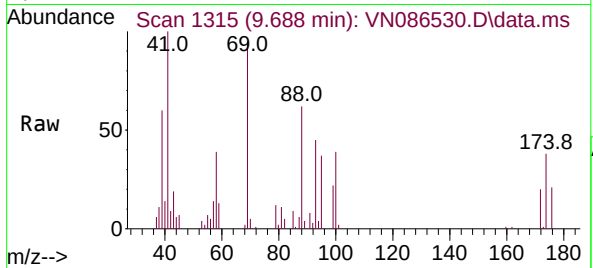




#45
1,4-Dioxane
Concen: 485.168 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. -0.006 min
Lab File: VN086530.D
Acq: 07 May 2025 12:12

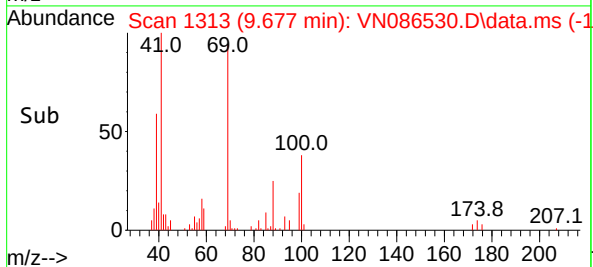
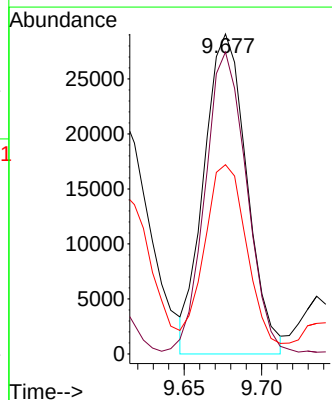
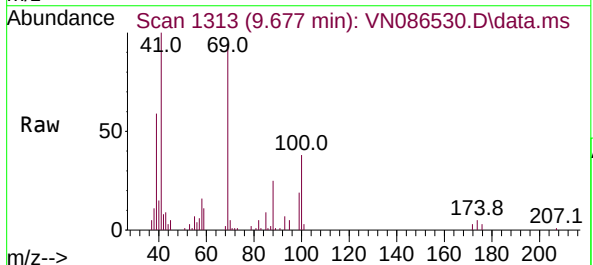
Instrument :
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ClientSampleId :
VN0507WBSD01

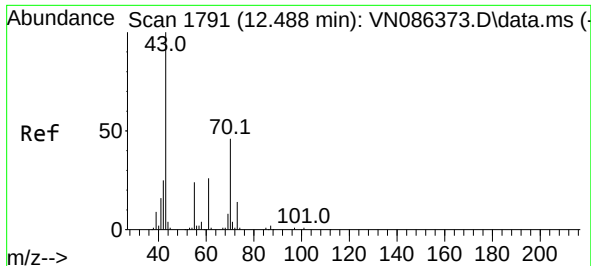
Tgt Ion: 88 Resp: 24540
Ion Ratio Lower Upper
88 100
43 32.2 24.9 37.3
58 65.4 57.8 86.8



#46
Methyl methacrylate
Concen: 18.737 ug/l
RT: 9.677 min Scan# 1313
Delta R.T. 0.000 min
Lab File: VN086530.D
Acq: 07 May 2025 12:12

Tgt Ion: 41 Resp: 56030
Ion Ratio Lower Upper
41 100
69 97.3 44.1 132.3
39 59.1 30.0 90.1

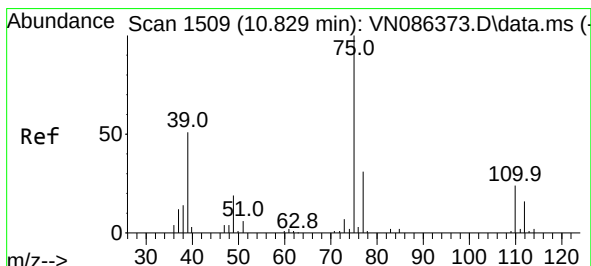
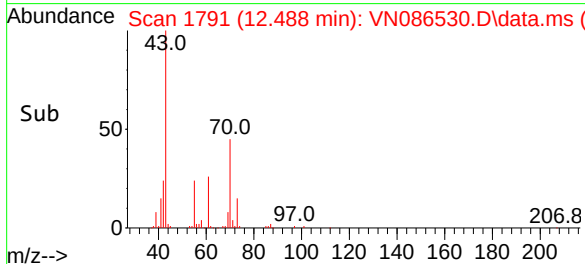
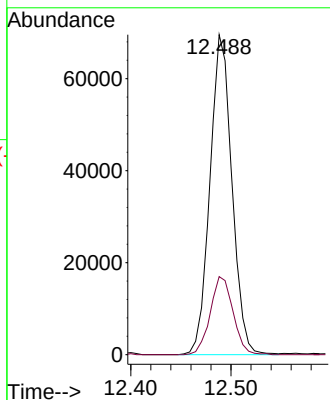
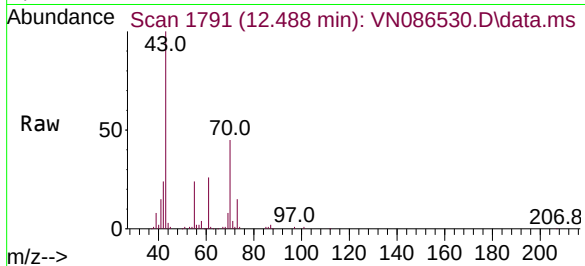




#47
n-amy1 Acetate
Concen: 19.196 ug/l
RT: 12.488 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VN086530.D
Acq: 07 May 2025 12:12

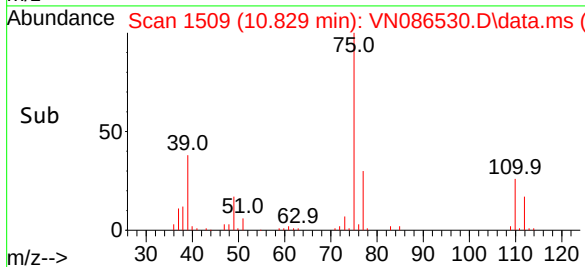
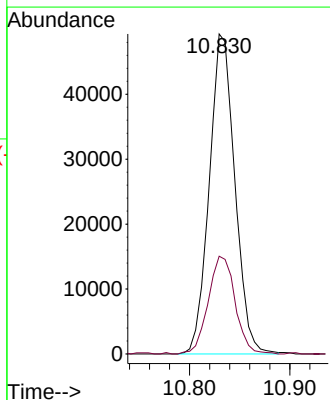
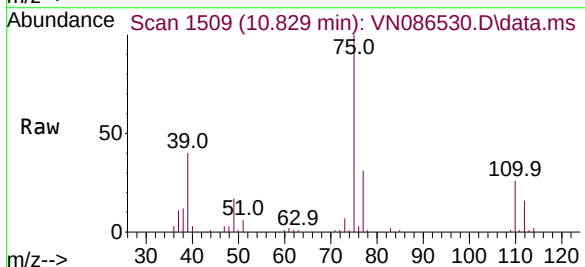
Instrument :
MSVOA_N
ClientSampleId :
VN0507WBSD01

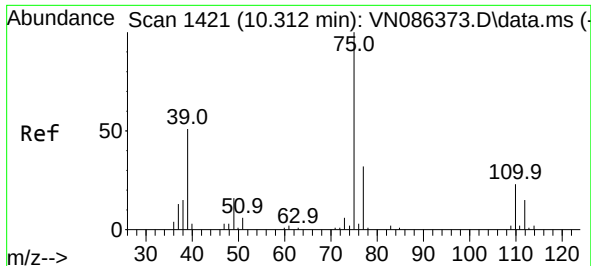
Tgt Ion: 43 Resp: 106069
Ion Ratio Lower Upper
43 100
55 25.3 19.4 29.0



#48
t-1,3-Dichloropropene
Concen: 19.775 ug/l
RT: 10.829 min Scan# 1509
Delta R.T. 0.000 min
Lab File: VN086530.D
Acq: 07 May 2025 12:12

Tgt Ion: 75 Resp: 87424
Ion Ratio Lower Upper
75 100
77 30.5 24.4 36.6

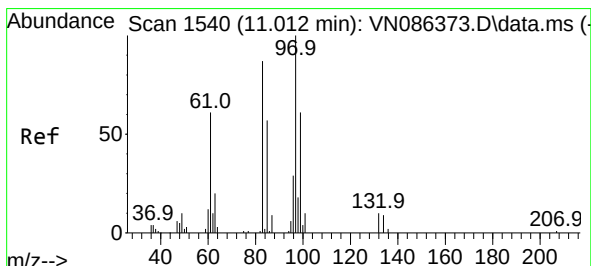
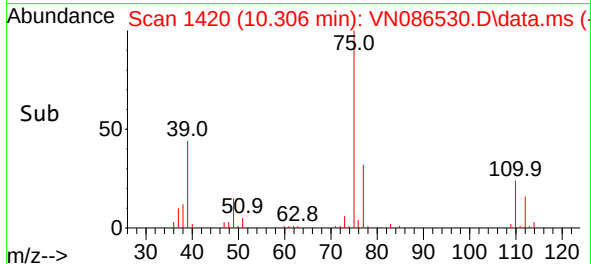
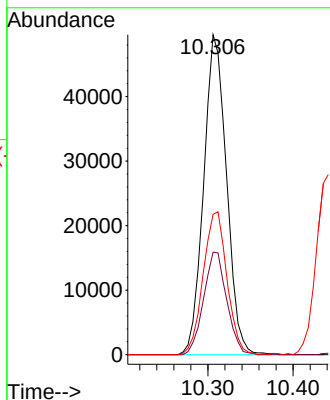
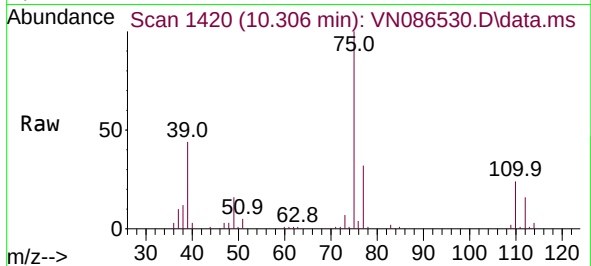




#49
 cis-1,3-Dichloropropene
 Concen: 19.820 ug/l
 RT: 10.306 min Scan# 1420
 Delta R.T. -0.006 min
 Lab File: VN086530.D
 Acq: 07 May 2025 12:12

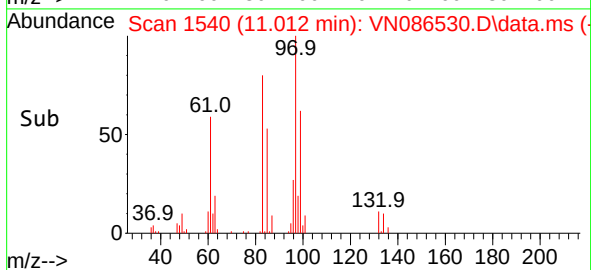
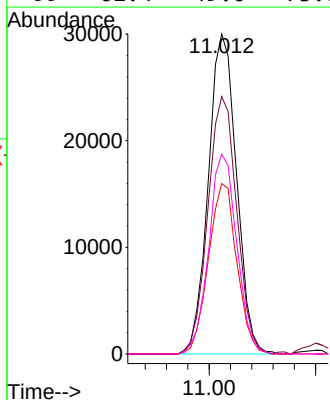
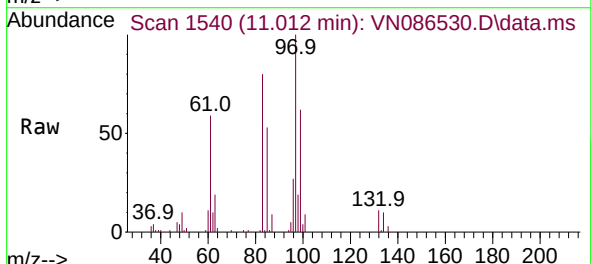
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0507WBSD01

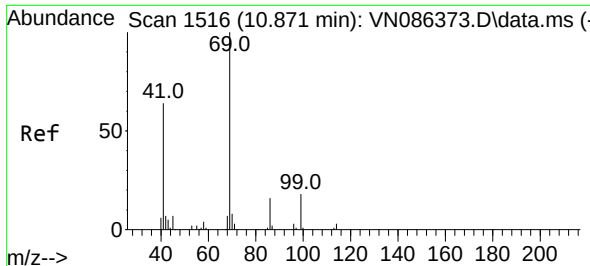
Tgt Ion: 75	Resp: 92401
Ion Ratio	Lower Upper
75 100	
77 32.0	25.6 38.4
39 43.9	40.6 60.8



#50
 1,1,2-Trichloroethane
 Concen: 21.134 ug/l
 RT: 11.012 min Scan# 1540
 Delta R.T. 0.000 min
 Lab File: VN086530.D
 Acq: 07 May 2025 12:12

Tgt Ion: 97	Resp: 55160
Ion Ratio	Lower Upper
97 100	
83 80.5	69.3 103.9
85 53.3	45.5 68.3
99 62.4	49.0 73.6

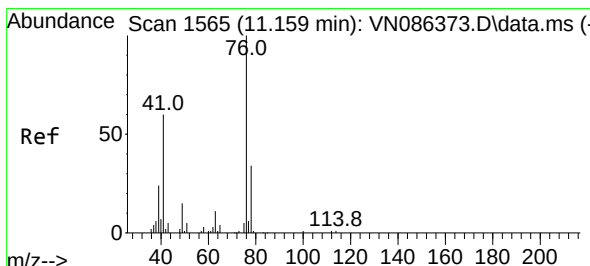
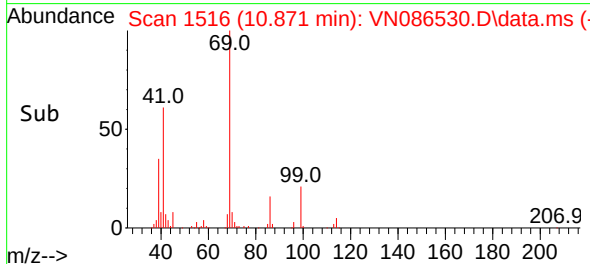
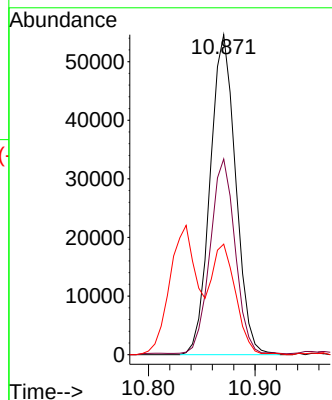
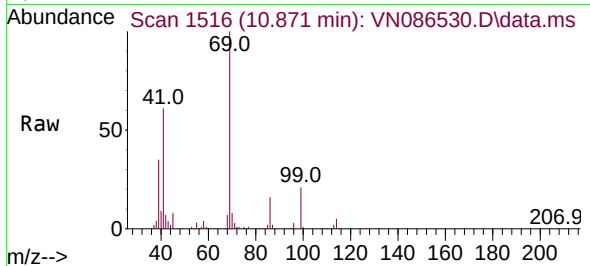




#51
Ethyl methacrylate
Concen: 19.994 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VN086530.D
Acq: 07 May 2025 12:12

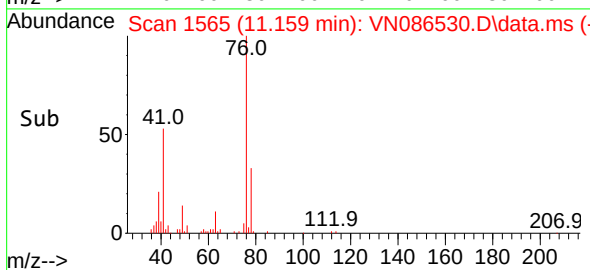
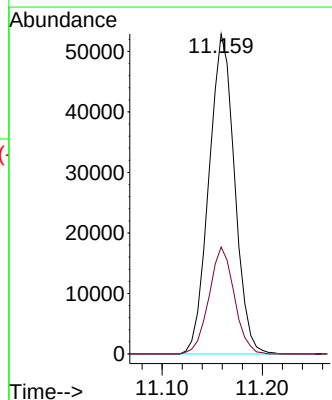
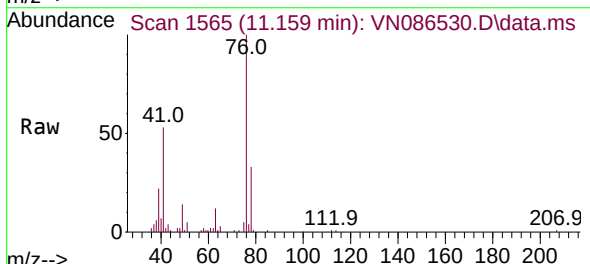
Instrument :
MSVOA_N
ClientSampleId :
VN0507WBSD01

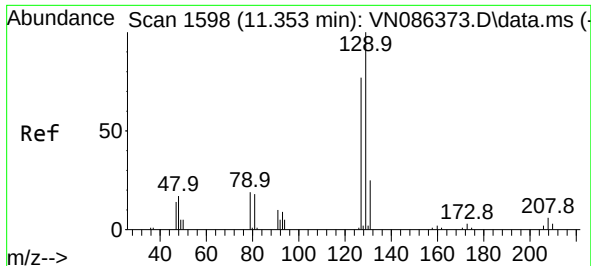
Tgt Ion:	69	Resp:	90887
Ion	Ratio	Lower	Upper
69	100		
41	60.8	32.3	96.8
39	34.2	19.1	57.1



#52
1,3-Dichloropropane
Concen: 20.391 ug/l
RT: 11.159 min Scan# 1565
Delta R.T. 0.000 min
Lab File: VN086530.D
Acq: 07 May 2025 12:12

Tgt Ion:	76	Resp:	94064
Ion	Ratio	Lower	Upper
76	100		
78	32.8	0.0	65.6

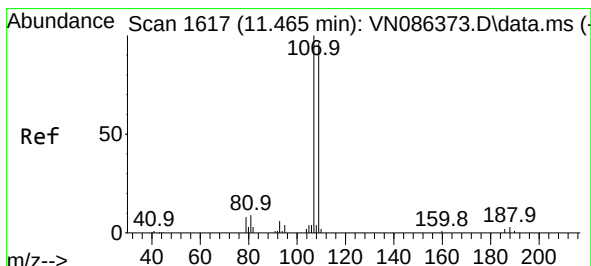
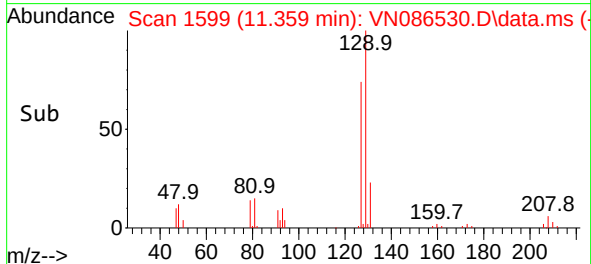
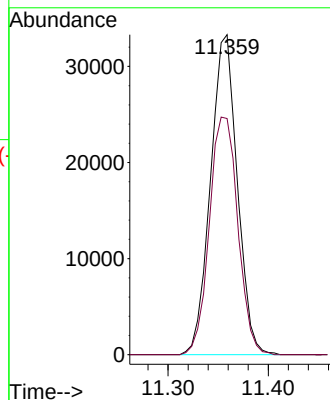
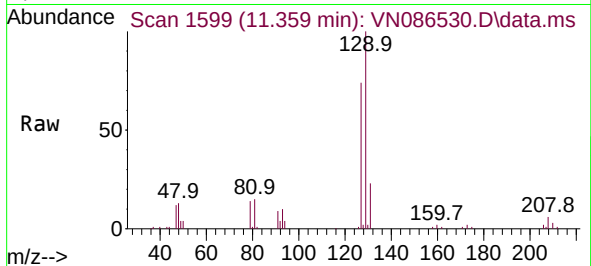




#53
Dibromochloromethane
Concen: 21.107 ug/l
RT: 11.359 min Scan# 1598
Delta R.T. 0.006 min
Lab File: VN086530.D
Acq: 07 May 2025 12:12

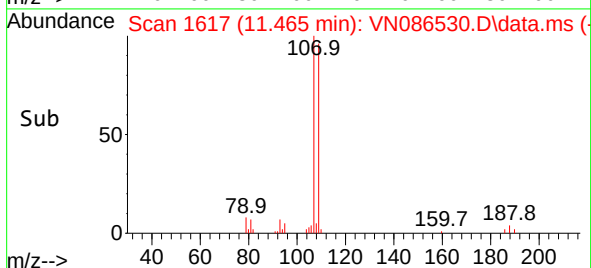
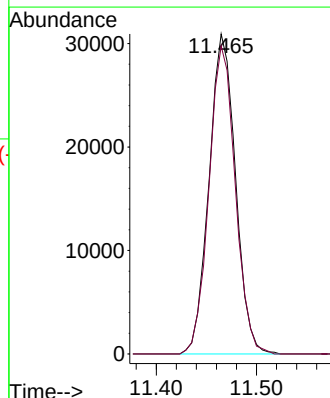
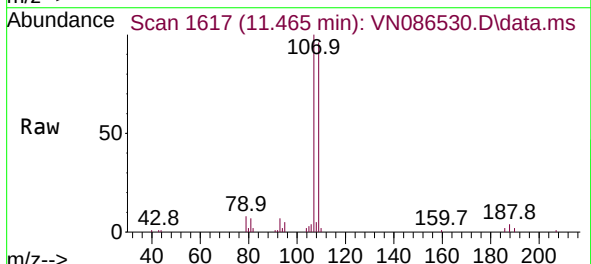
Instrument :
MSVOA_N
ClientSampleId :
VN0507WBSD01

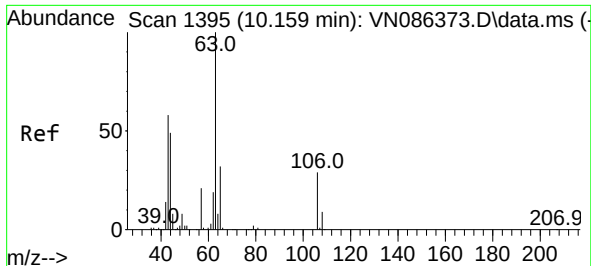
Tgt Ion:129 Resp: 61859
Ion Ratio Lower Upper
129 100
127 78.8 38.8 116.3



#54
1,2-Dibromoethane
Concen: 21.354 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. 0.000 min
Lab File: VN086530.D
Acq: 07 May 2025 12:12

Tgt Ion:107 Resp: 56670
Ion Ratio Lower Upper
107 100
109 95.9 75.4 113.0

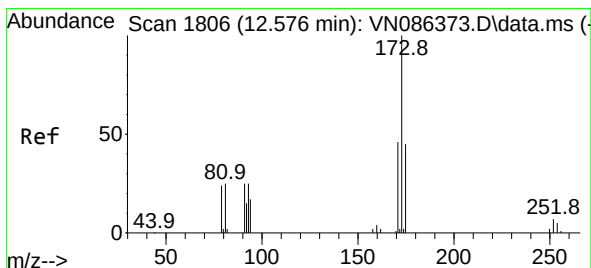
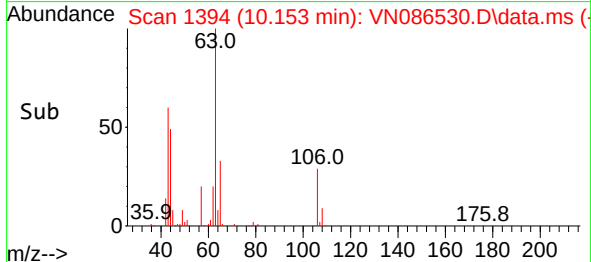
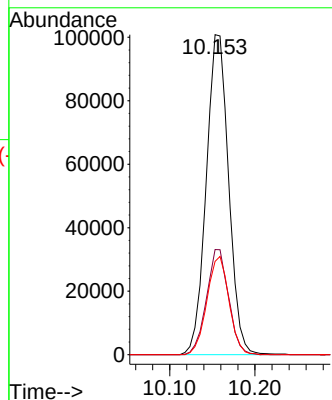
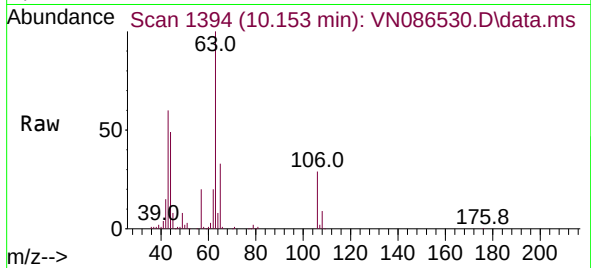




#55
2-Chloroethyl vinyl ether
Concen: 86.214 ug/l
RT: 10.153 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN086530.D
Acq: 07 May 2025 12:12

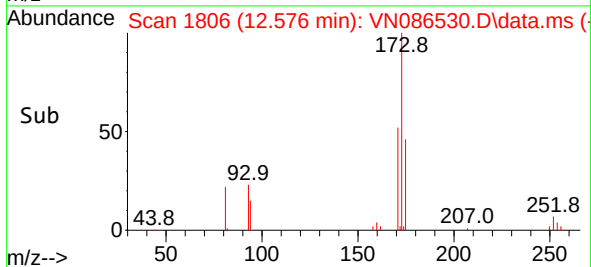
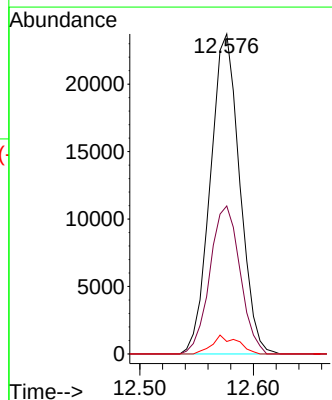
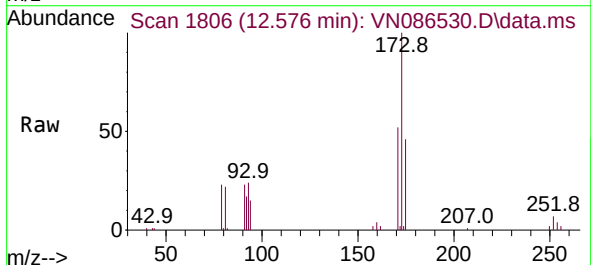
Instrument :
MSVOA_N
ClientSampleId :
VN0507WBSD01

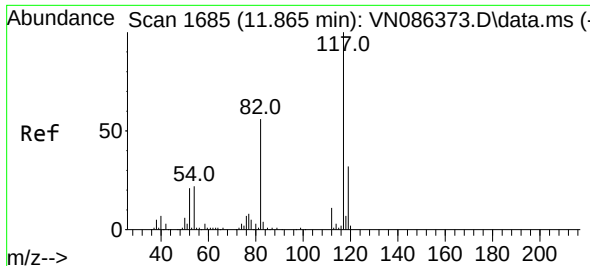
Tgt Ion: 63 Resp: 184254
Ion Ratio Lower Upper
63 100
65 32.3 25.7 38.5
106 30.2 22.3 33.5



#56
Bromoform
Concen: 22.367 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VN086530.D
Acq: 07 May 2025 12:12

Tgt Ion: 173 Resp: 42539
Ion Ratio Lower Upper
173 100
175 47.6 39.0 58.6
254 3.0 3.8 5.6#

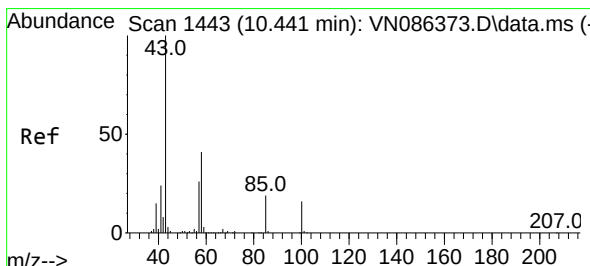
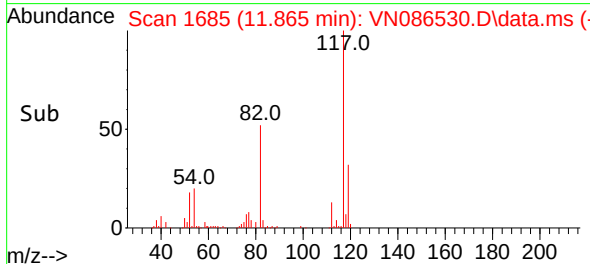
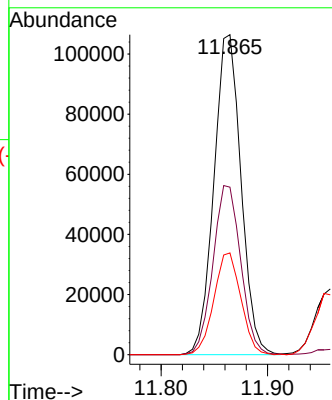
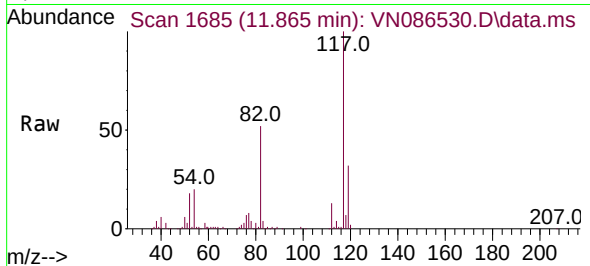




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 1170
Delta R.T. 0.000 min
Lab File: VN086530.D
Acq: 07 May 2025 12:12

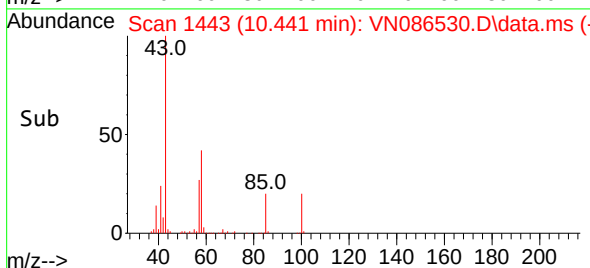
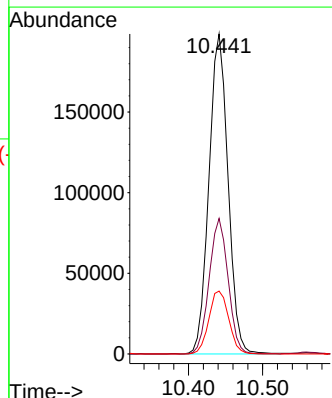
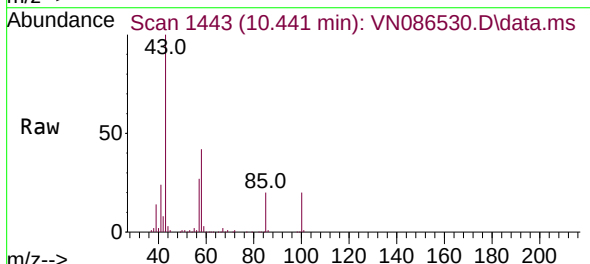
Instrument :
MSVOA_N
ClientSampleId :
VN0507WBSD01

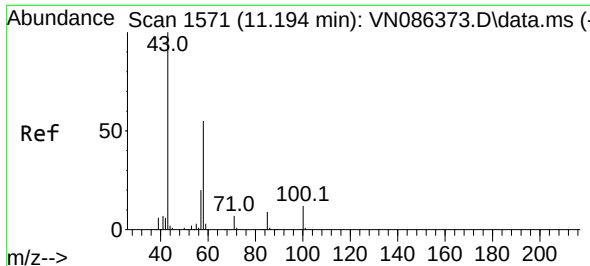
Tgt Ion:117 Resp: 188357
Ion Ratio Lower Upper
117 100
82 54.0 45.5 68.3
119 31.7 25.9 38.9



#58
4-Methyl-2-Pentanone
Concen: 97.446 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN086530.D
Acq: 07 May 2025 12:12

Tgt Ion: 43 Resp: 355187
Ion Ratio Lower Upper
43 100
58 42.1 33.0 49.6
85 20.5 14.9 22.3

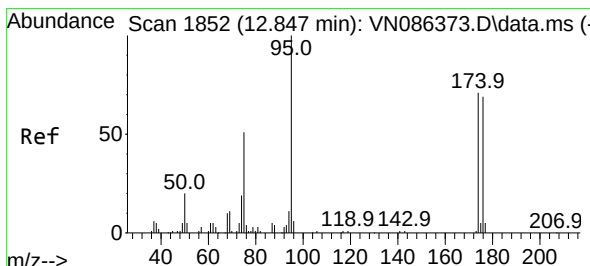
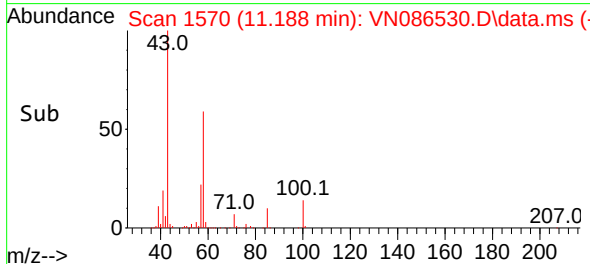
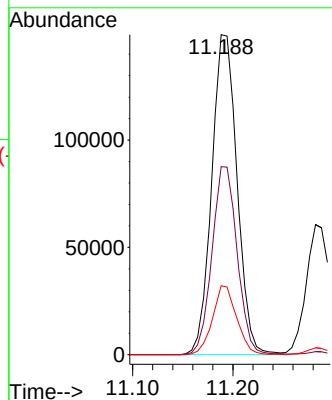
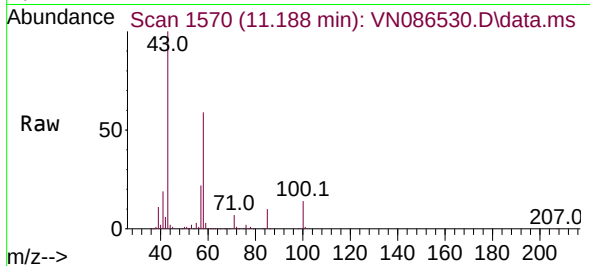




#59
2-Hexanone
Concen: 97.639 ug/l
RT: 11.188 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN086530.D
Acq: 07 May 2025 12:12

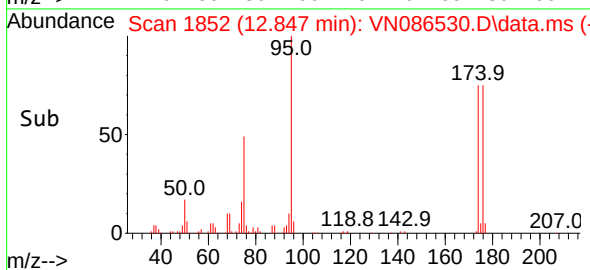
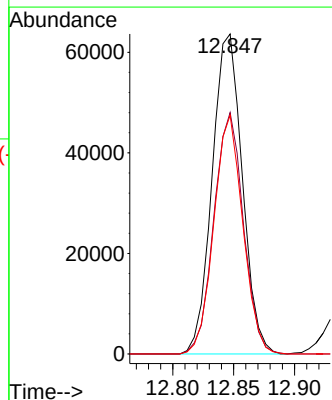
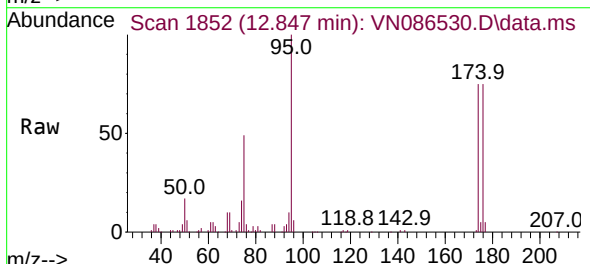
Instrument :
MSVOA_N
ClientSampleId :
VN0507WBSD01

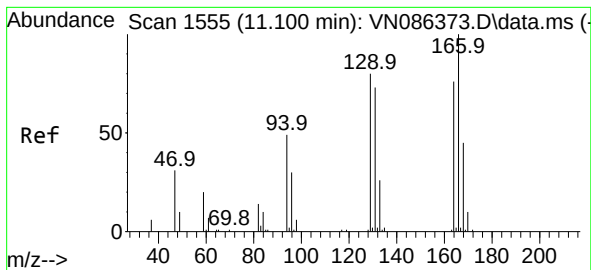
Tgt Ion: 43 Resp: 262266
Ion Ratio Lower Upper
43 100
58 58.4 45.0 67.6
57 20.5 15.5 23.3



#60
4-Bromofluorobenzene
Concen: 29.612 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN086530.D
Acq: 07 May 2025 12:12

Tgt Ion: 95 Resp: 109626
Ion Ratio Lower Upper
95 100
174 73.8 56.6 84.8
176 71.5 53.3 79.9





#61

Tetrachloroethene

Concen: 21.371 ug/l

RT: 11.100 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN086530.D

Acq: 07 May 2025 12:12

Instrument :

MSVOA_N

ClientSampleId :

VN0507WBSD01

Tgt Ion:164 Resp: 61396

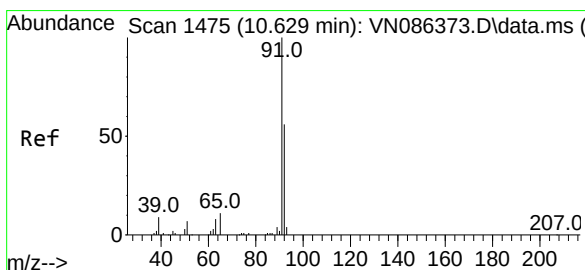
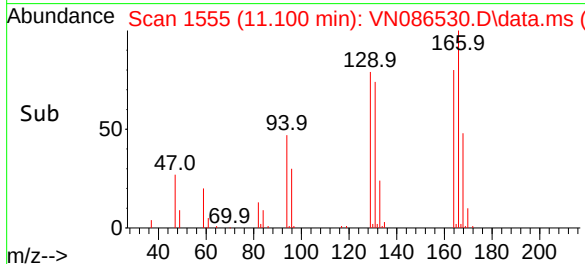
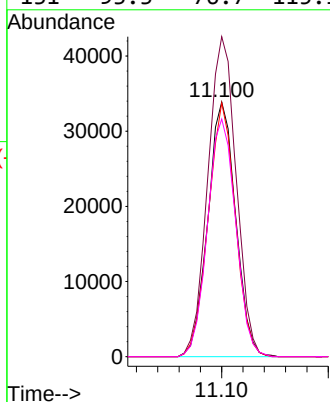
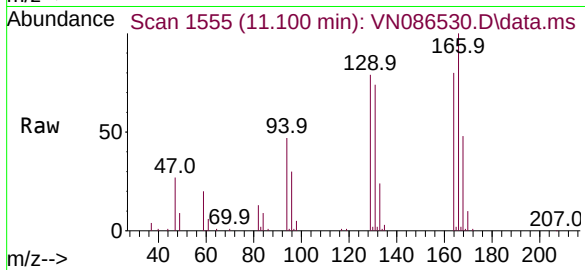
Ion Ratio Lower Upper

164 100

166 125.6 105.0 157.4

129 99.6 83.9 125.9

131 93.3 76.7 115.1



#62

Toluene

Concen: 20.101 ug/l

RT: 10.624 min Scan# 1474

Delta R.T. -0.006 min

Lab File: VN086530.D

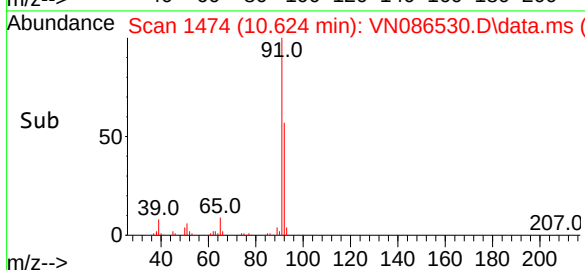
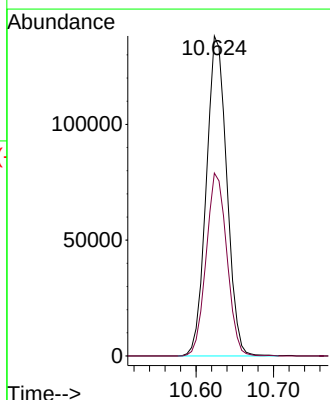
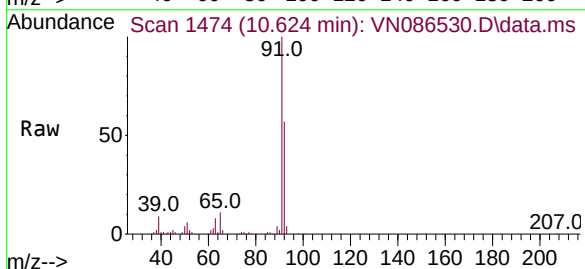
Acq: 07 May 2025 12:12

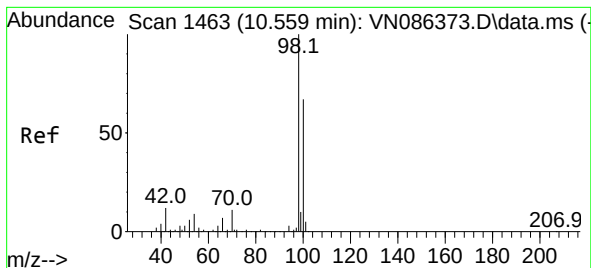
Tgt Ion: 91 Resp: 253424

Ion Ratio Lower Upper

91 100

92 57.8 45.7 68.5





#63

Toluene-d8

Concen: 28.868 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.006 min

Lab File: VN086530.D

Acq: 07 May 2025 12:12

Instrument :

MSVOA_N

ClientSampleId :

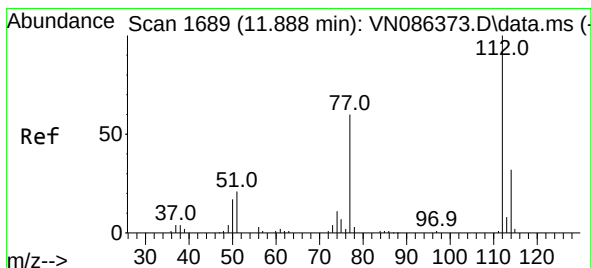
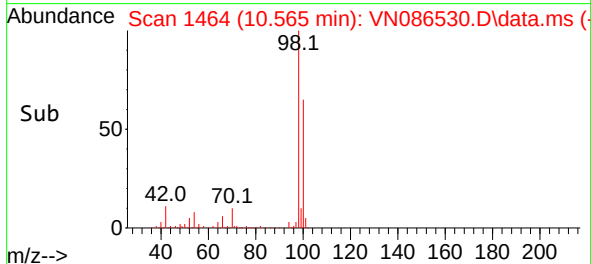
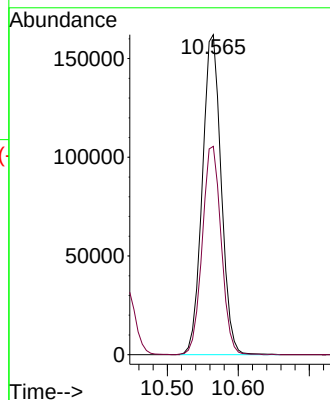
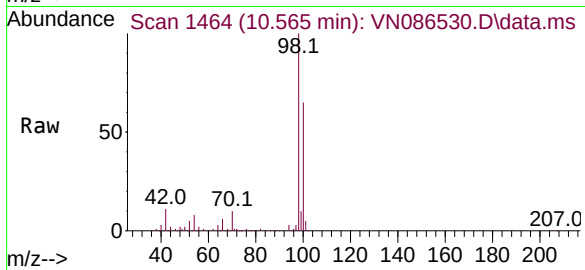
VN0507WBSD01

Tgt Ion: 98 Resp: 299141

Ion Ratio Lower Upper

98 100

100 65.3 53.1 79.7



#64

Chlorobenzene

Concen: 21.154 ug/l

RT: 11.888 min Scan# 1689

Delta R.T. 0.000 min

Lab File: VN086530.D

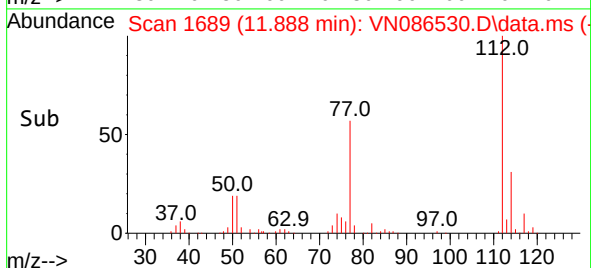
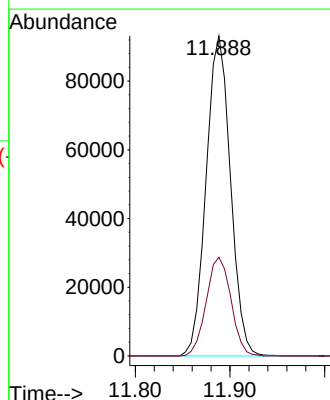
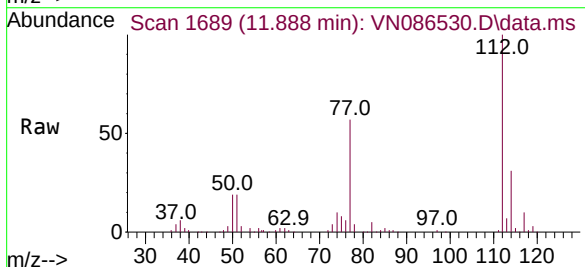
Acq: 07 May 2025 12:12

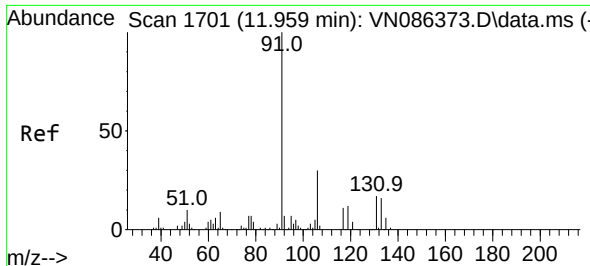
Tgt Ion: 112 Resp: 166183

Ion Ratio Lower Upper

112 100

114 30.9 25.6 38.4

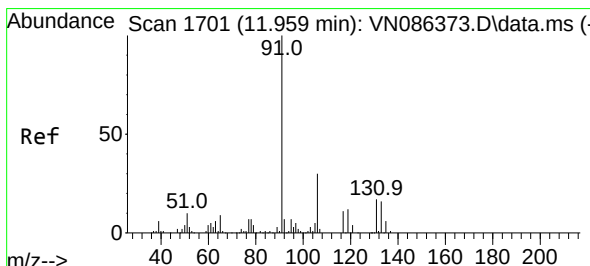
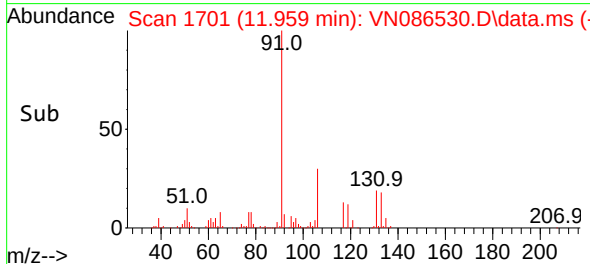
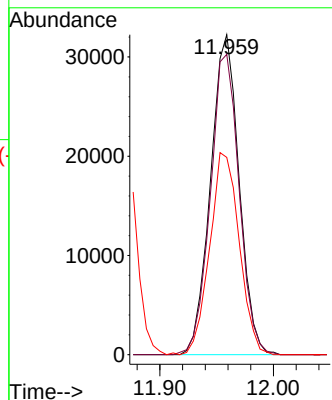
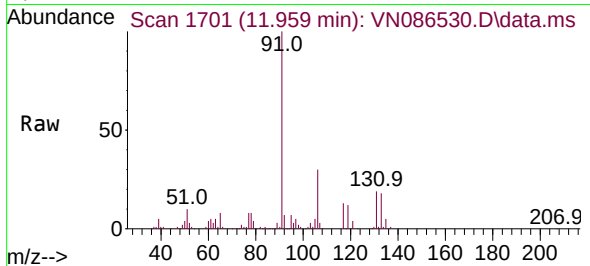




#65
1,1,1,2-Tetrachloroethane
Concen: 21.412 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN086530.D
Acq: 07 May 2025 12:12

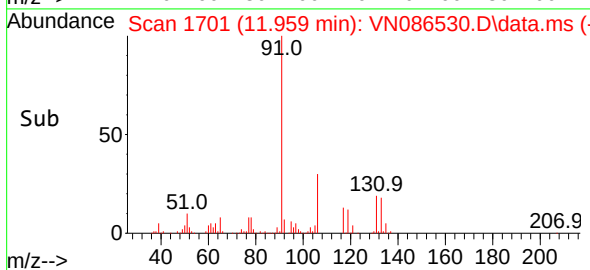
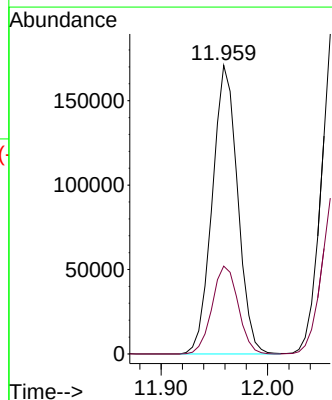
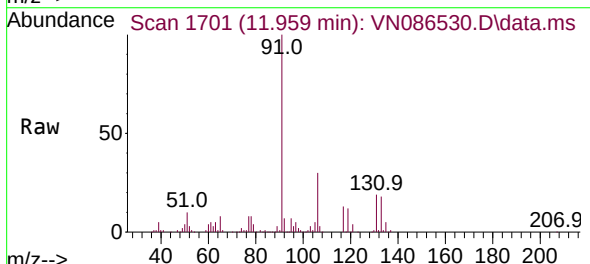
Instrument :
MSVOA_N
ClientSampleId :
VN0507WBSD01

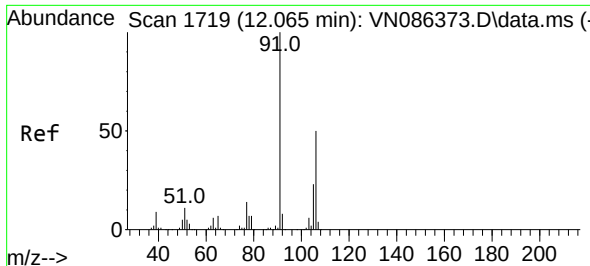
Tgt Ion:131 Resp: 56243
Ion Ratio Lower Upper
131 100
133 94.9 0.0 191.4
119 65.2 0.0 133.6



#66
Ethyl Benzene
Concen: 19.903 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN086530.D
Acq: 07 May 2025 12:12

Tgt Ion: 91 Resp: 282450
Ion Ratio Lower Upper
91 100
106 30.5 24.3 36.5

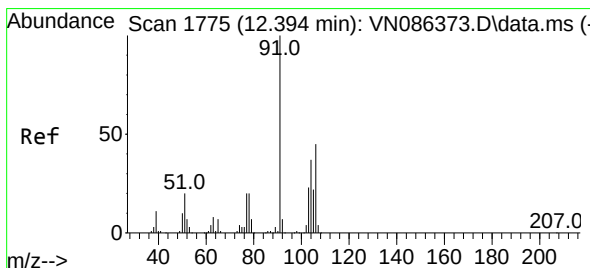
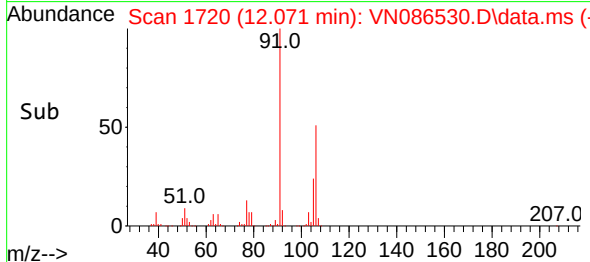
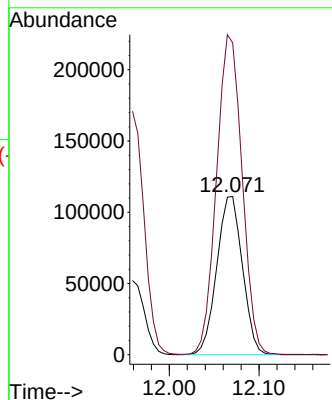
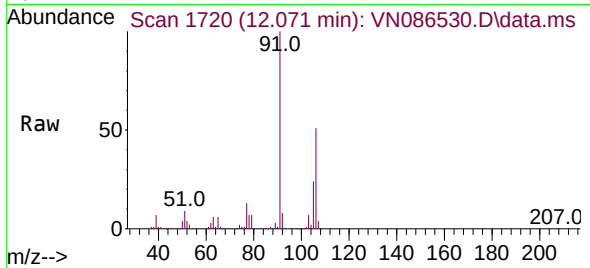




#67
m/p-Xylenes
Concen: 40.946 ug/l
RT: 12.071 min Scan# 1719
Delta R.T. 0.006 min
Lab File: VN086530.D
Acq: 07 May 2025 12:12

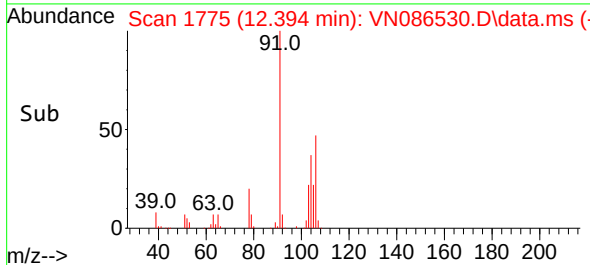
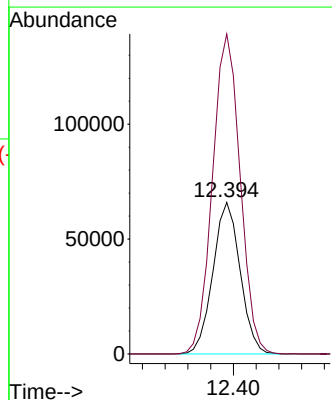
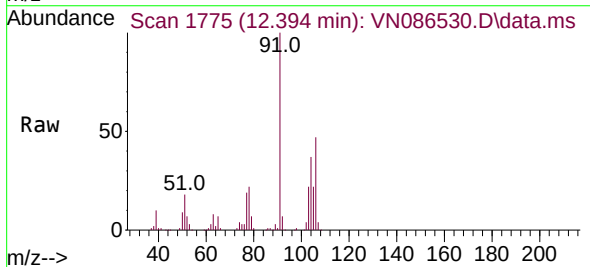
Instrument :
MSVOA_N
ClientSampleId :
VN0507WBSD01

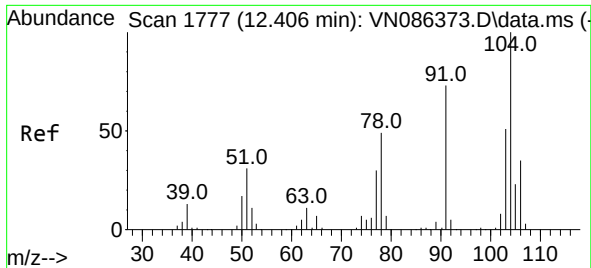
Tgt Ion:106 Resp: 220481
Ion Ratio Lower Upper
106 100
91 202.0 162.6 243.8



#68
o-Xylene
Concen: 20.833 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN086530.D
Acq: 07 May 2025 12:12

Tgt Ion:106 Resp: 109838
Ion Ratio Lower Upper
106 100
91 214.4 110.6 331.6

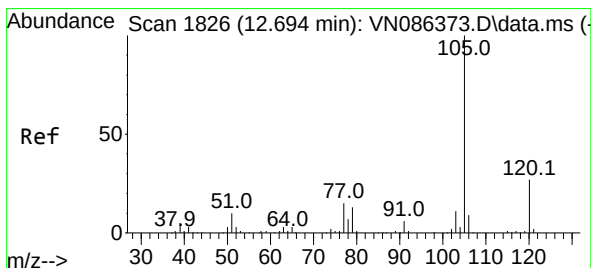
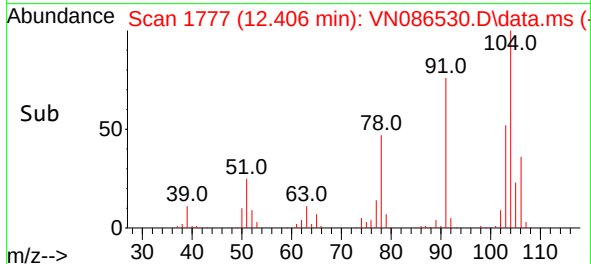
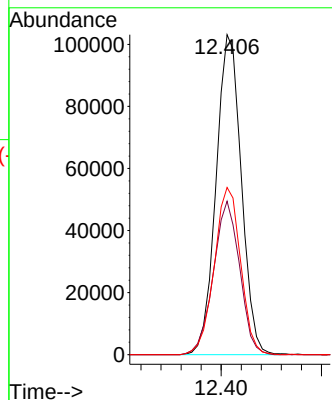
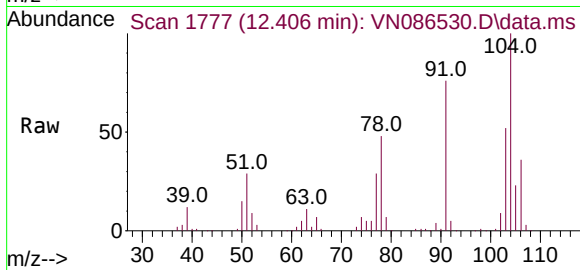




#69
Styrene
Concen: 20.156 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. 0.000 min
Lab File: VN086530.D
Acq: 07 May 2025 12:12

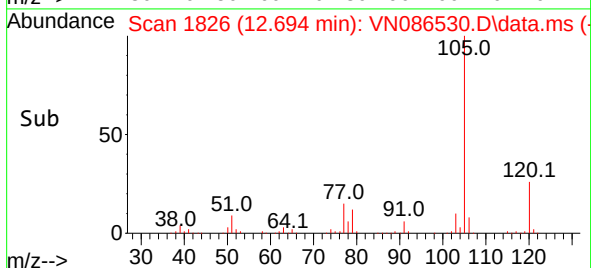
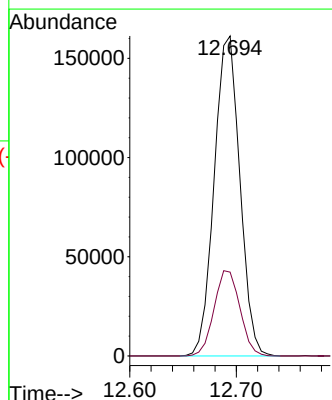
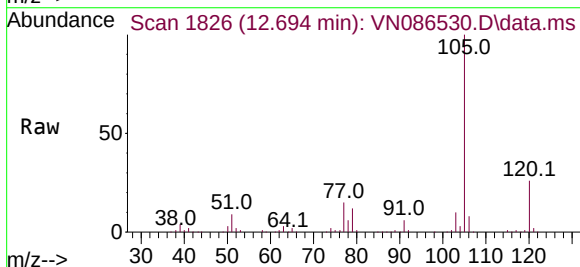
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MSVOA_N
ClientSampleId :
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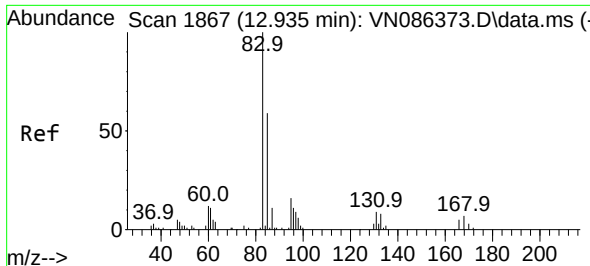
Tgt Ion:104 Resp: 180117
Ion Ratio Lower Upper
104 100
78 49.8 40.2 60.4
103 54.6 43.8 65.8



#70
Isopropylbenzene
Concen: 20.474 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN086530.D
Acq: 07 May 2025 12:12

Tgt Ion:105 Resp: 269453
Ion Ratio Lower Upper
105 100
120 26.8 18.2 33.8

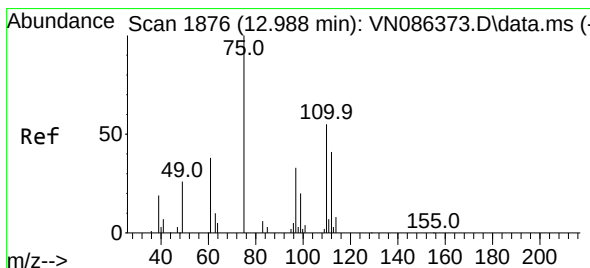
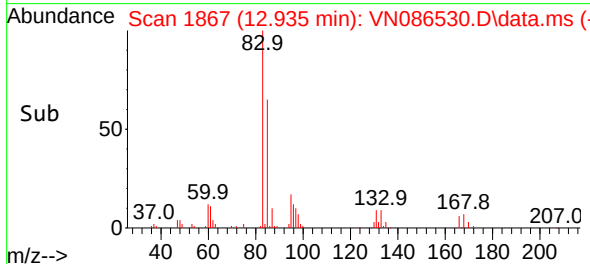
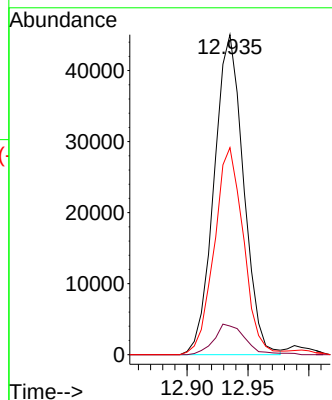
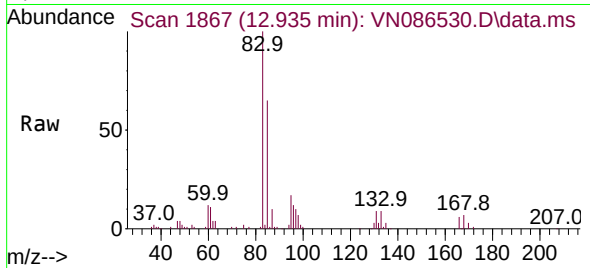




#71
1,1,2,2-Tetrachloroethane
Concen: 21.880 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VN086530.D
Acq: 07 May 2025 12:12

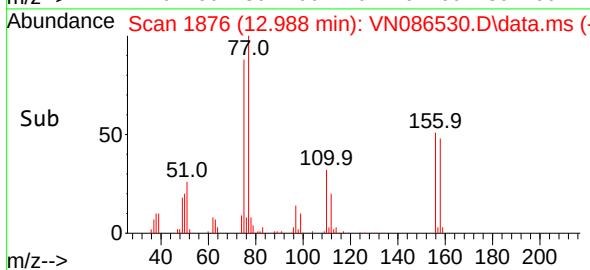
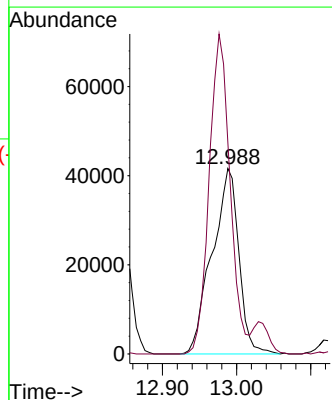
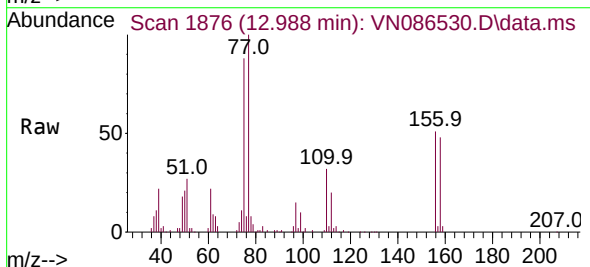
Instrument :
MSVOA_N
ClientSampleId :
VN0507WBSD01

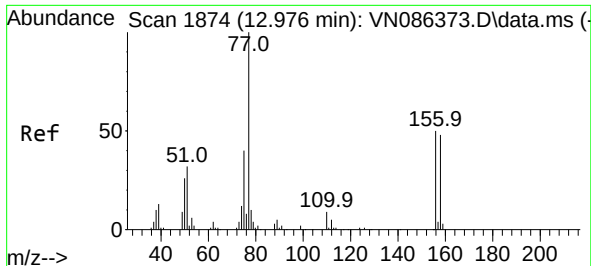
Tgt Ion: 83 Resp: 75821
Ion Ratio Lower Upper
83 100
131 10.1 4.5 13.7
85 64.1 31.7 95.1



#72
1,2,3-Trichloropropane
Concen: 34.461 ug/l
RT: 12.988 min Scan# 1876
Delta R.T. 0.000 min
Lab File: VN086530.D
Acq: 07 May 2025 12:12

Tgt Ion: 75 Resp: 104115
Ion Ratio Lower Upper
75 100
77 135.5 0.0 464.4

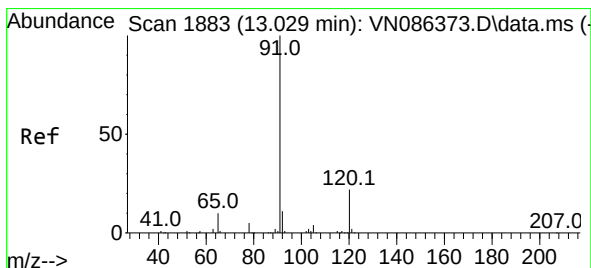
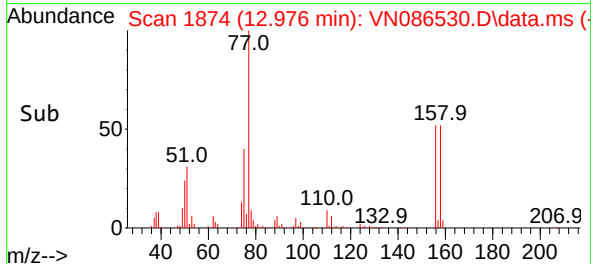
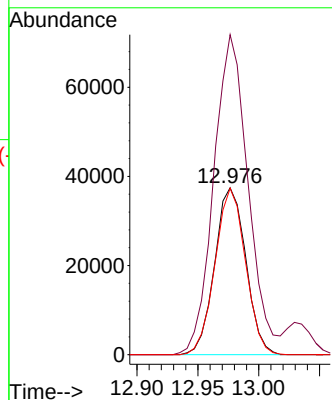
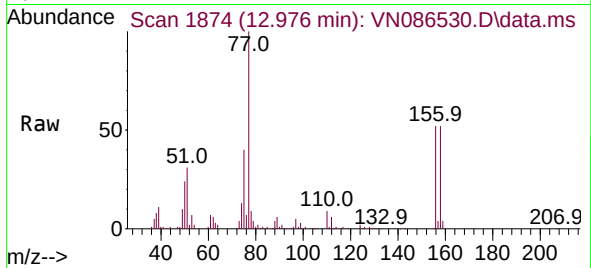




#73
Bromobenzene
Concen: 21.999 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. 0.000 min
Lab File: VN086530.D
Acq: 07 May 2025 12:12

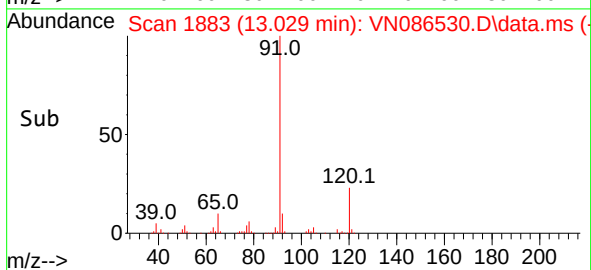
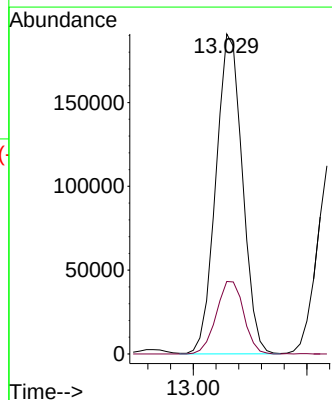
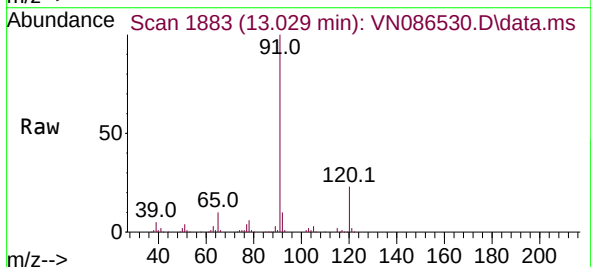
Instrument :
MSVOA_N
ClientSampleId :
VN0507WBSD01

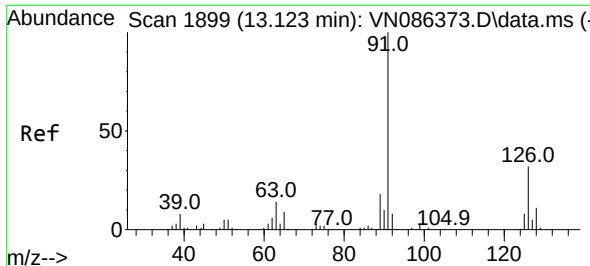
Tgt Ion:156 Resp: 66561
Ion Ratio Lower Upper
156 100
77 212.0 0.0 463.4
158 97.4 0.0 191.8



#74
n-propylbenzene
Concen: 19.778 ug/l
RT: 13.029 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN086530.D
Acq: 07 May 2025 12:12

Tgt Ion: 91 Resp: 309316
Ion Ratio Lower Upper
91 100
120 23.4 0.0 43.8

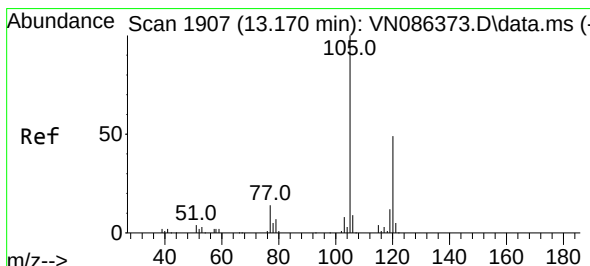
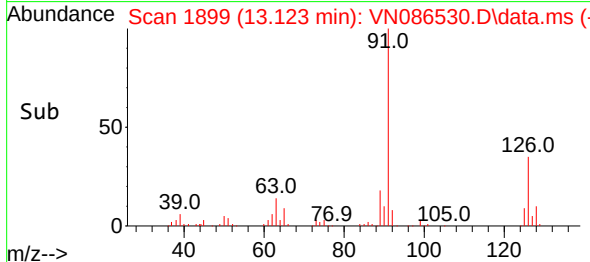
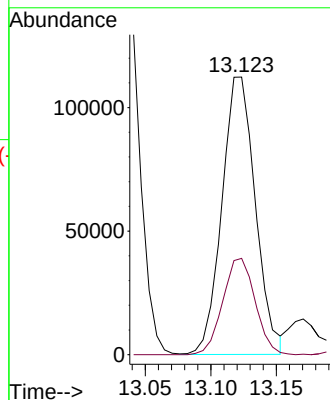
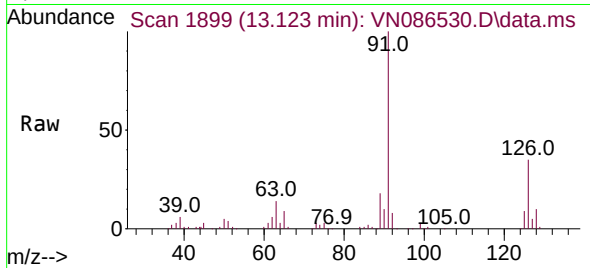




#75
2-Chlorotoluene
Concen: 20.398 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VN086530.D
Acq: 07 May 2025 12:12

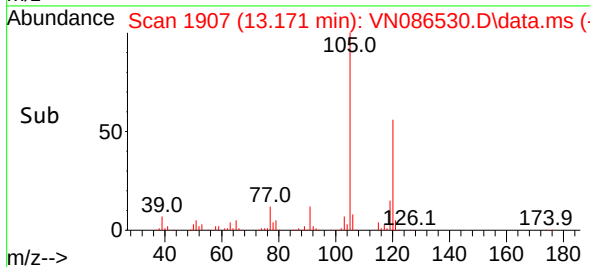
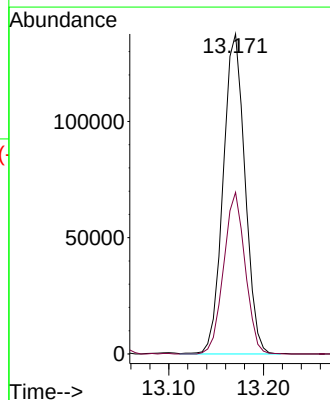
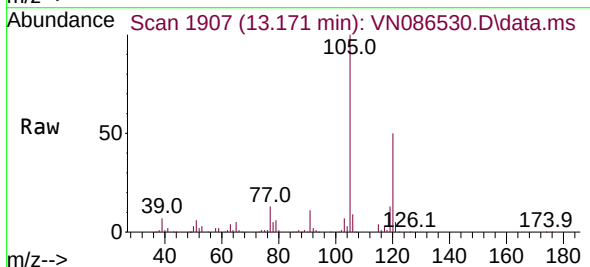
Instrument :
MSVOA_N
ClientSampleId :
VN0507WBSD01

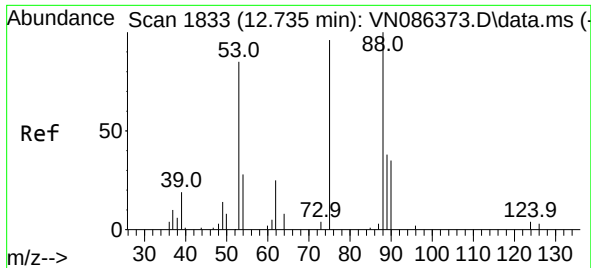
Tgt Ion: 91 Resp: 199141
Ion Ratio Lower Upper
91 100
126 33.6 0.0 65.0



#76
1,3,5-Trimethylbenzene
Concen: 20.436 ug/l
RT: 13.171 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VN086530.D
Acq: 07 May 2025 12:12

Tgt Ion:105 Resp: 220686
Ion Ratio Lower Upper
105 100
120 49.5 0.0 97.6

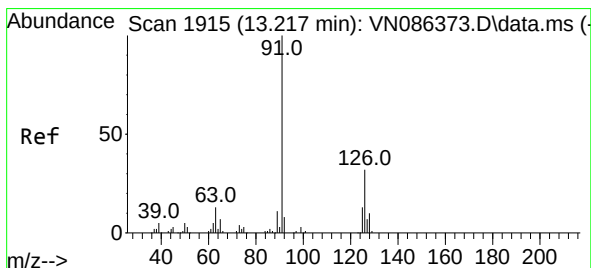
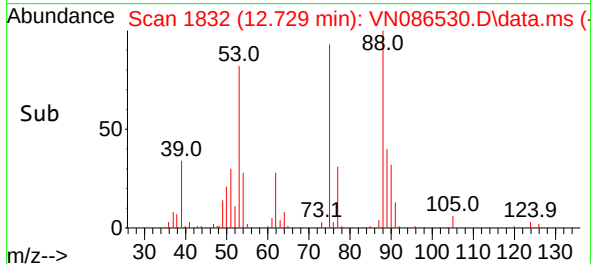
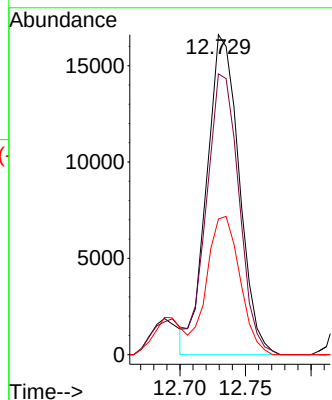
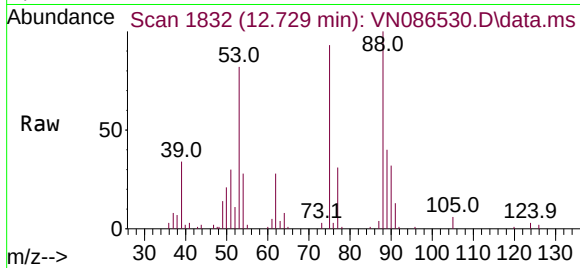




#77
t-1,4-Dichloro-2-butene
Concen: 18.710 ug/l
RT: 12.729 min Scan# 1833
Delta R.T. -0.006 min
Lab File: VN086530.D
Acq: 07 May 2025 12:12

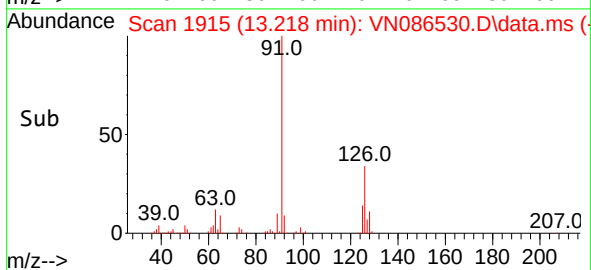
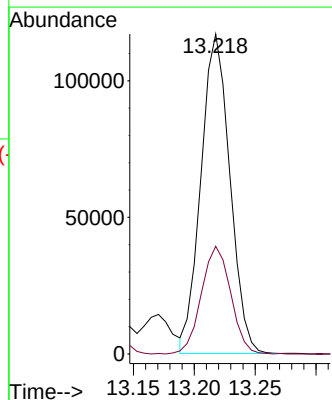
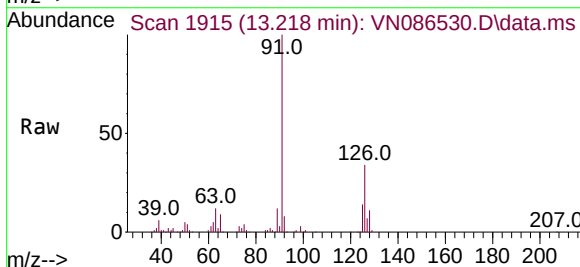
Instrument :
MSVOA_N
ClientSampleId :
VN0507WBSD01

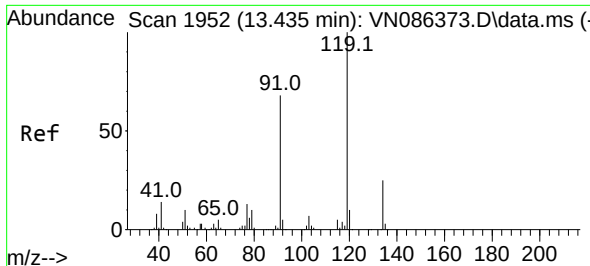
Tgt Ion: 75 Resp: 28687
Ion Ratio Lower Upper
75 100
53 87.8 46.0 138.0
89 42.4 21.6 64.6



#78
4-Chlorotoluene
Concen: 19.812 ug/l
RT: 13.218 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VN086530.D
Acq: 07 May 2025 12:12

Tgt Ion: 91 Resp: 193400
Ion Ratio Lower Upper
91 100
126 34.1 0.0 65.4

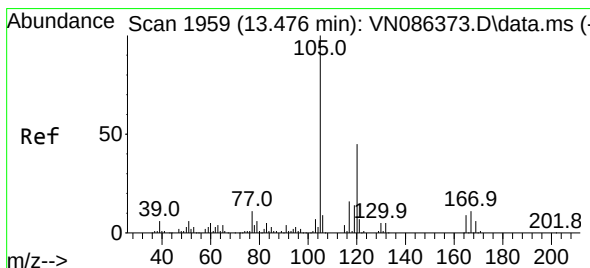
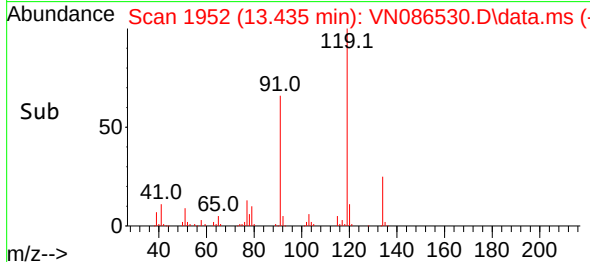
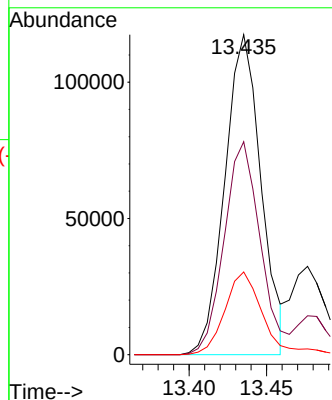
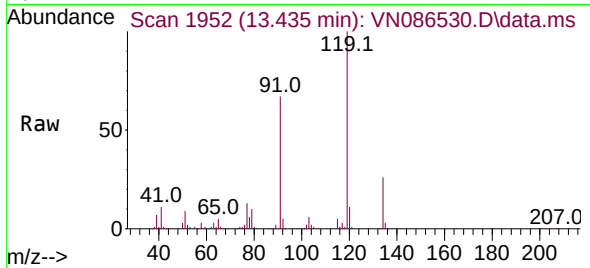




#79
tert-butylbenzene
Concen: 20.676 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. 0.000 min
Lab File: VN086530.D
Acq: 07 May 2025 12:12

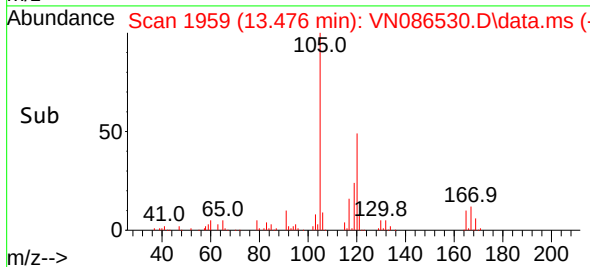
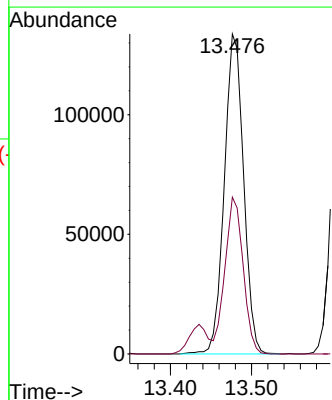
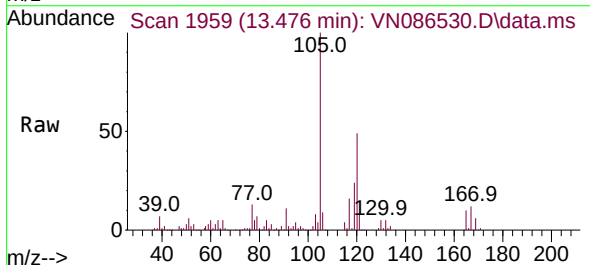
Instrument :
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ClientSampleId :
VN0507WBSD01

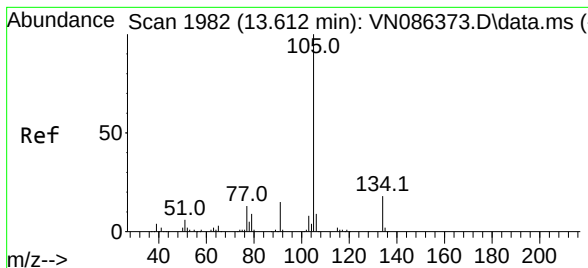
Tgt Ion:119 Resp: 191217
Ion Ratio Lower Upper
119 100
91 66.7 0.0 137.4
134 27.1 0.0 49.2



#80
1,2,4-Trimethylbenzene
Concen: 20.022 ug/l
RT: 13.476 min Scan# 1959
Delta R.T. 0.000 min
Lab File: VN086530.D
Acq: 07 May 2025 12:12

Tgt Ion:105 Resp: 220815
Ion Ratio Lower Upper
105 100
120 46.1 0.0 87.6

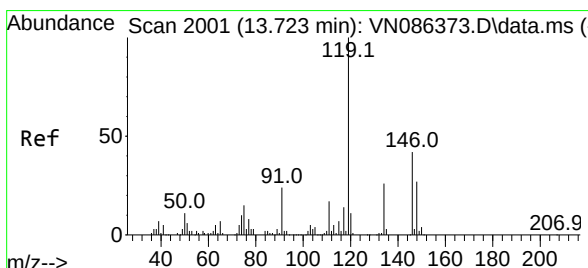
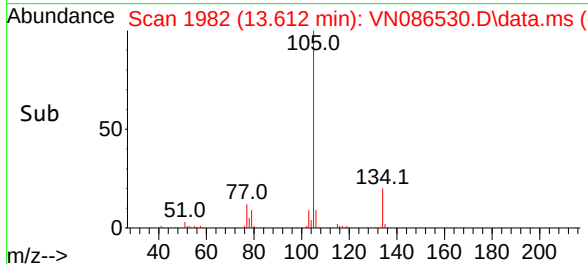
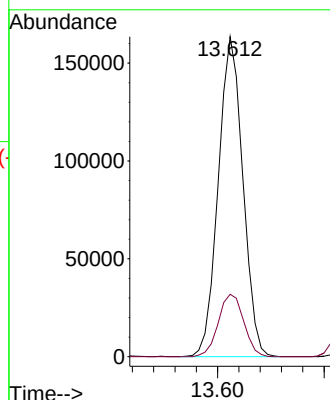
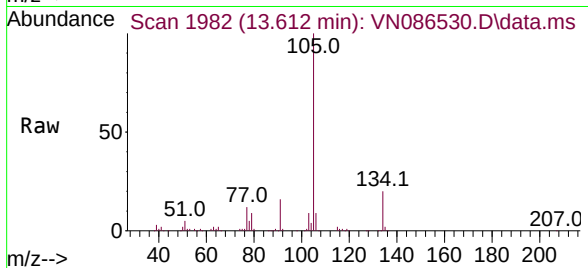




#81
 sec-Butylbenzene
 Concen: 19.825 ug/l
 RT: 13.612 min Scan# 1982
 Delta R.T. 0.000 min
 Lab File: VN086530.D
 Acq: 07 May 2025 12:12

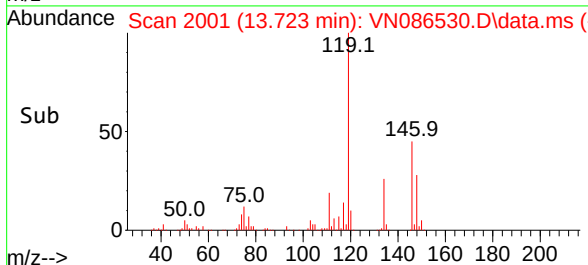
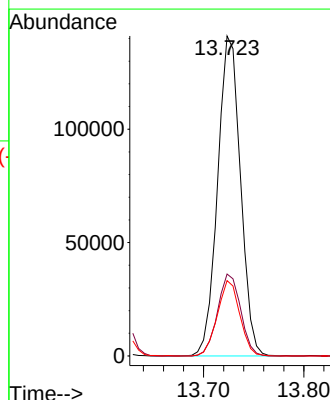
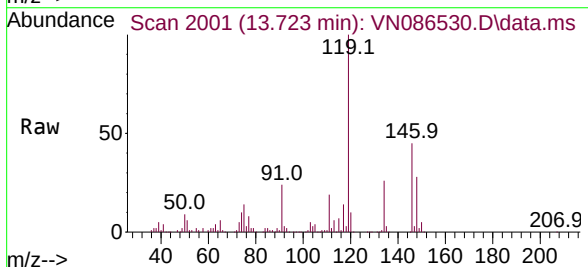
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0507WBSD01

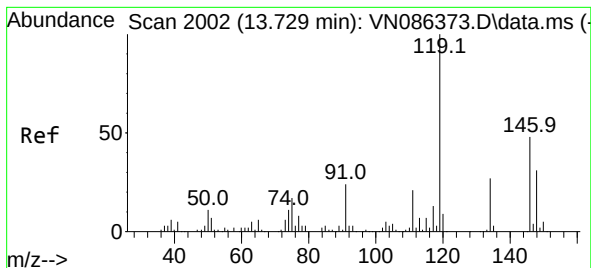
Tgt Ion:105 Resp: 261721
 Ion Ratio Lower Upper
 105 100
 134 20.2 0.0 38.4



#82
 p-Isopropyltoluene
 Concen: 20.207 ug/l
 RT: 13.723 min Scan# 2001
 Delta R.T. 0.000 min
 Lab File: VN086530.D
 Acq: 07 May 2025 12:12

Tgt Ion:119 Resp: 223219
 Ion Ratio Lower Upper
 119 100
 134 25.8 0.0 52.2
 91 23.1 0.0 47.6





#83

1,3-Dichlorobenzene

Concen: 20.935 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. 0.000 min

Lab File: VN086530.D

Acq: 07 May 2025 12:12

Instrument :

MSVOA_N

ClientSampleId :

VN0507WBSD01

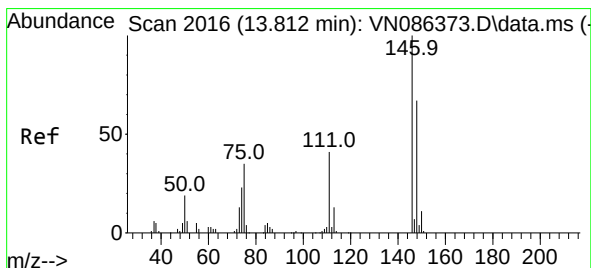
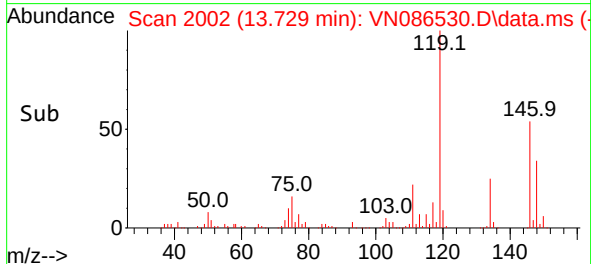
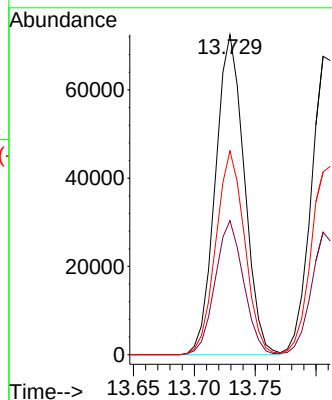
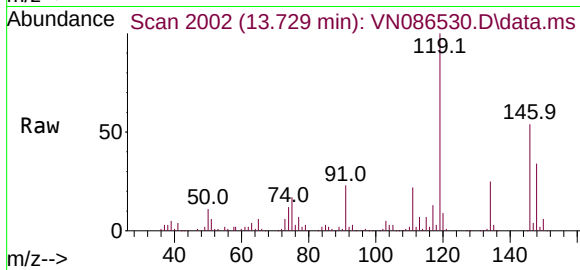
Tgt Ion:146 Resp: 119739

Ion Ratio Lower Upper

146 100

111 41.2 20.7 62.1

148 63.5 32.3 96.8



#84

1,4-Dichlorobenzene

Concen: 20.666 ug/l

RT: 13.806 min Scan# 2015

Delta R.T. -0.006 min

Lab File: VN086530.D

Acq: 07 May 2025 12:12

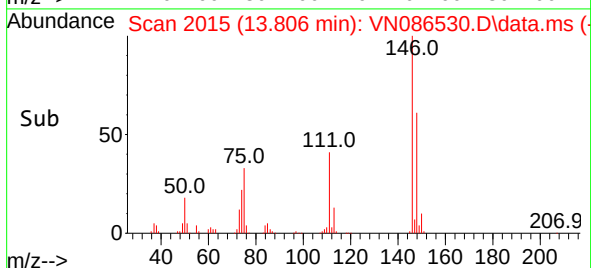
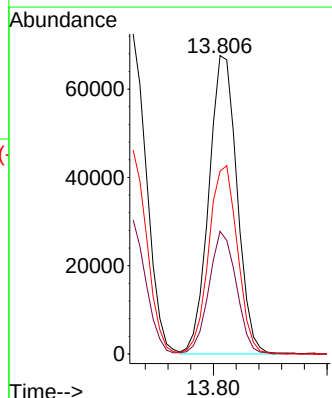
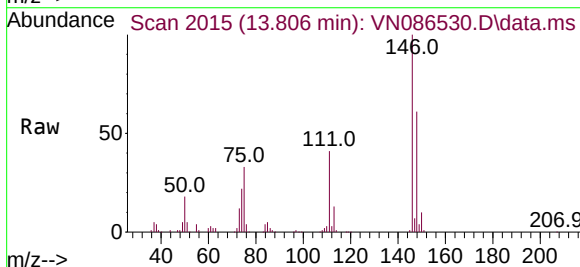
Tgt Ion:146 Resp: 116786

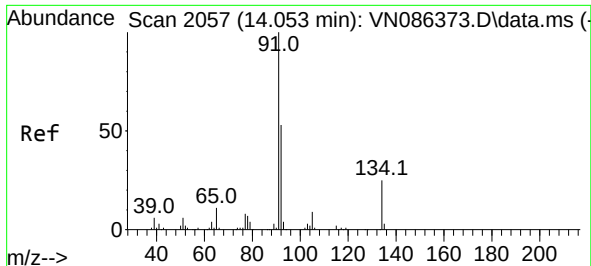
Ion Ratio Lower Upper

146 100

111 39.9 20.3 60.8

148 64.2 32.4 97.2

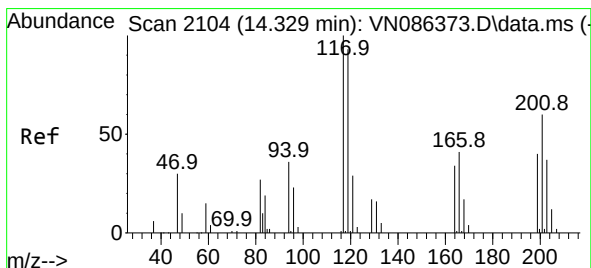
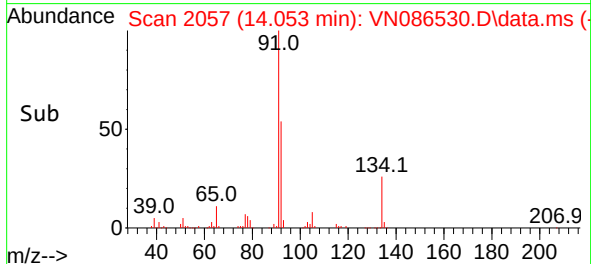
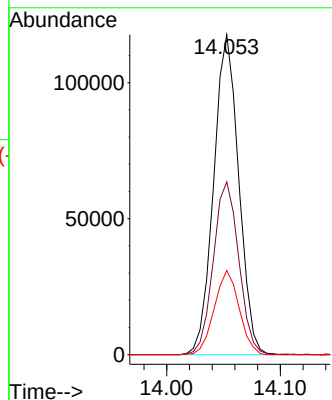
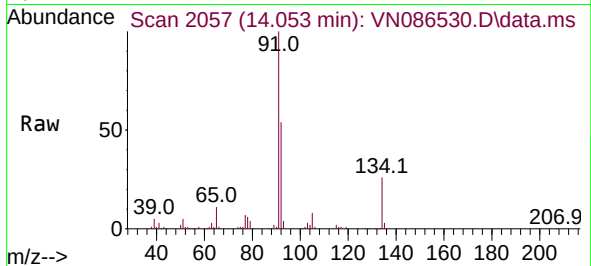




#85
n-Butylbenzene
Concen: 18.315 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. 0.000 min
Lab File: VN086530.D
Acq: 07 May 2025 12:12

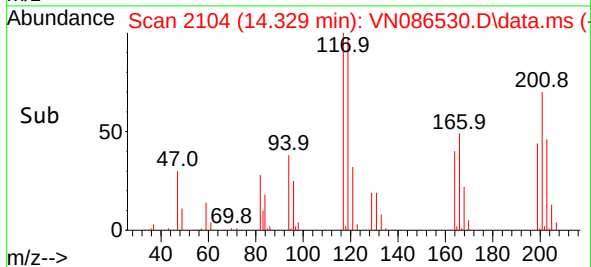
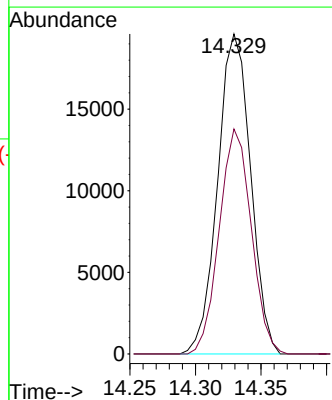
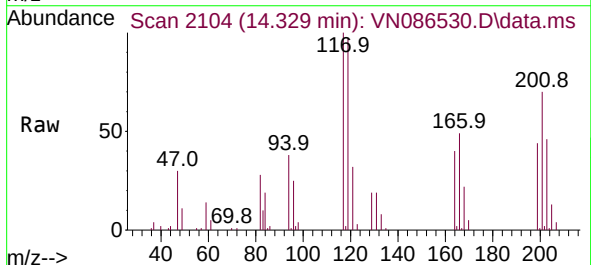
Instrument :
MSVOA_N
ClientSampleId :
VN0507WBSD01

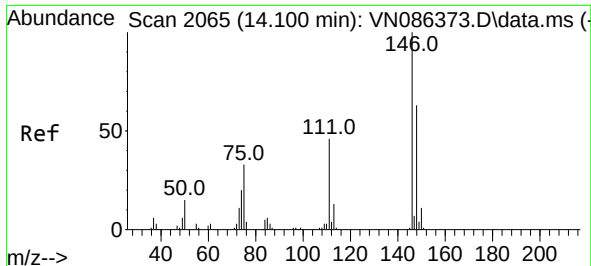
Tgt Ion: 91 Resp: 180529
Ion Ratio Lower Upper
91 100
92 54.7 0.0 107.2
134 26.1 0.0 48.2



#86
Hexachloroethane
Concen: 18.971 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. 0.000 min
Lab File: VN086530.D
Acq: 07 May 2025 12:12

Tgt Ion: 117 Resp: 34268
Ion Ratio Lower Upper
117 100
201 68.3 31.7 95.1





#87

1,2-Dichlorobenzene

Concen: 20.979 ug/l

RT: 14.100 min Scan# 2065

Delta R.T. 0.000 min

Lab File: VN086530.D

Acq: 07 May 2025 12:12

Instrument :

MSVOA_N

ClientSampleId :

VN0507WBSD01

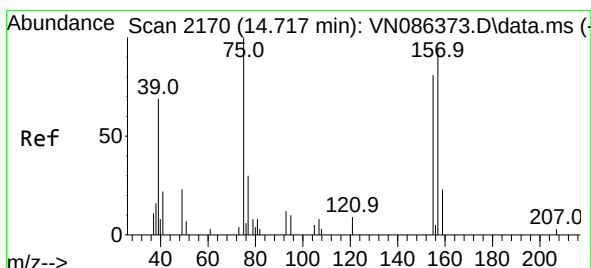
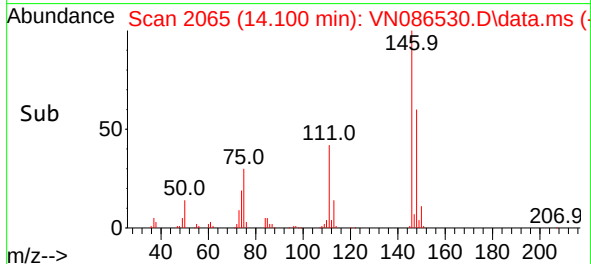
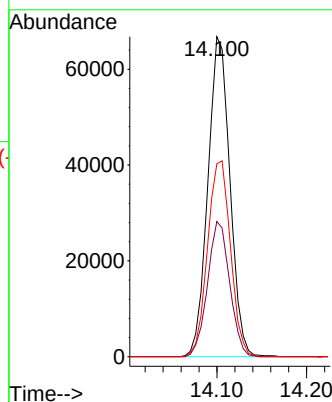
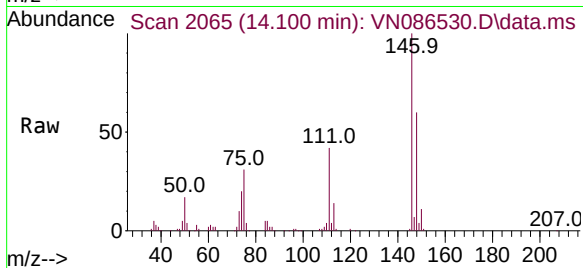
Tgt Ion:146 Resp: 114170

Ion Ratio Lower Upper

146 100

111 42.3 22.1 66.3

148 63.5 32.0 96.0



#88

1,2-Dibromo-3-Chloropropane

Concen: 19.246 ug/l

RT: 14.717 min Scan# 2170

Delta R.T. 0.000 min

Lab File: VN086530.D

Acq: 07 May 2025 12:12

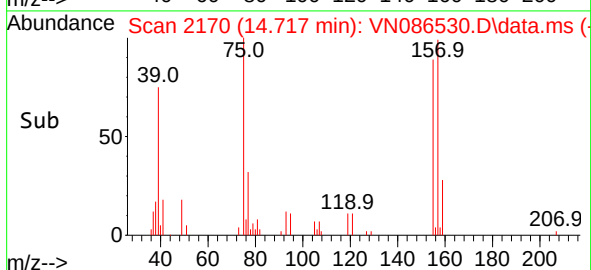
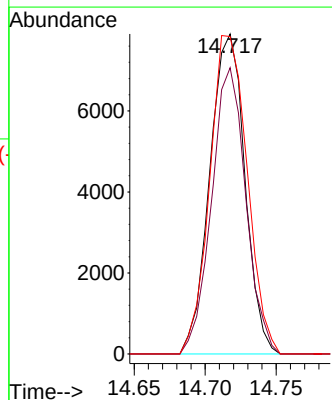
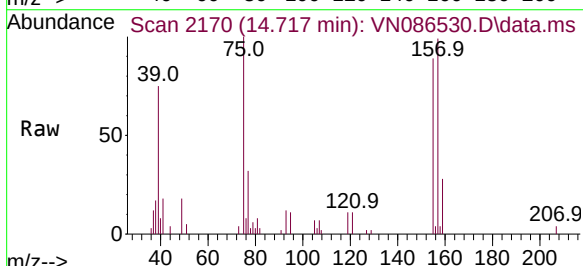
Tgt Ion: 75 Resp: 13556

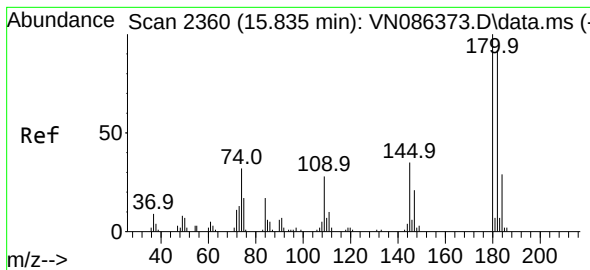
Ion Ratio Lower Upper

75 100

155 87.3 64.0 96.0

157 106.3 78.2 117.4





#89

1,2,4-Trichlorobenzene

Concen: 20.719 ug/l

RT: 15.835 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN086530.D

Acq: 07 May 2025 12:12

Instrument :

MSVOA_N

ClientSampleId :

VN0507WBSD01

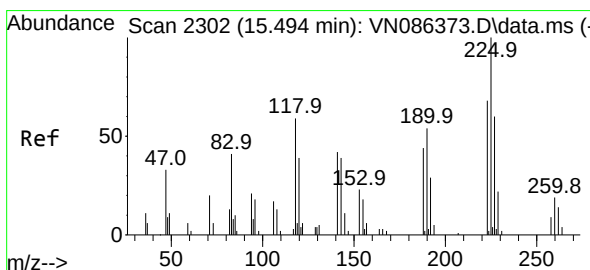
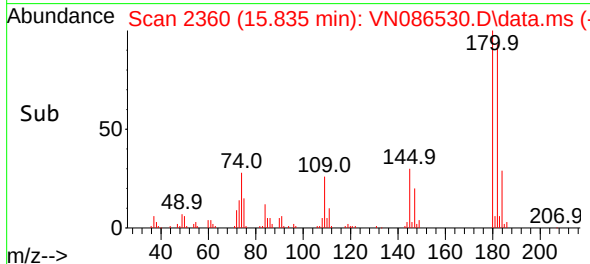
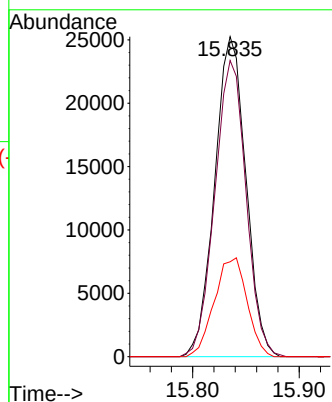
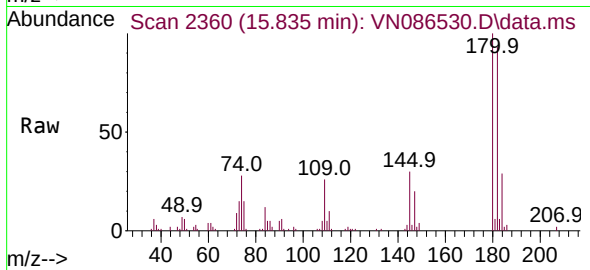
Tgt Ion:180 Resp: 51392

Ion Ratio Lower Upper

180 100

182 92.5 74.8 112.2

145 32.4 26.9 40.3



#90

Hexachlorobutadiene

Concen: 20.424 ug/l

RT: 15.494 min Scan# 2302

Delta R.T. 0.000 min

Lab File: VN086530.D

Acq: 07 May 2025 12:12

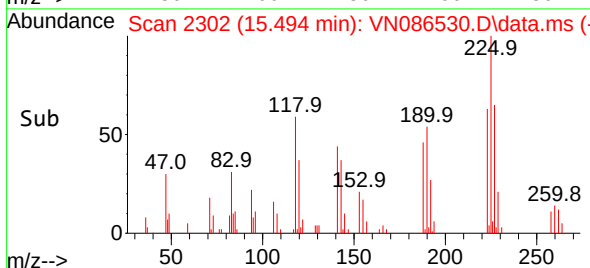
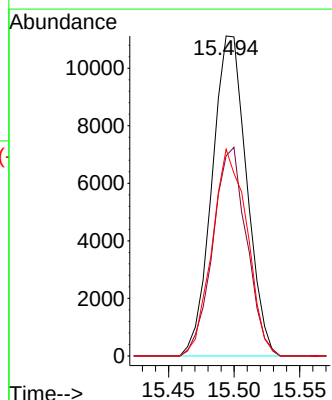
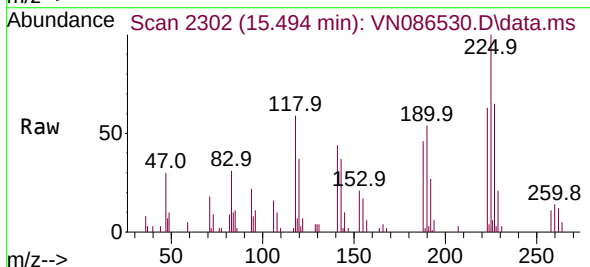
Tgt Ion:225 Resp: 20406

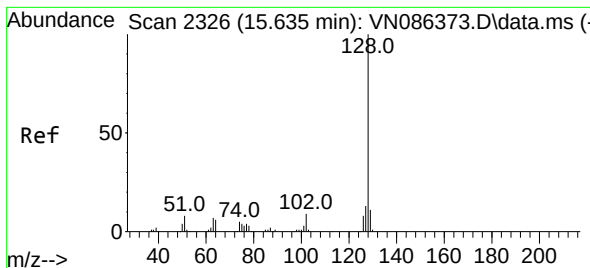
Ion Ratio Lower Upper

225 100

223 63.7 0.0 128.8

227 65.3 0.0 120.2

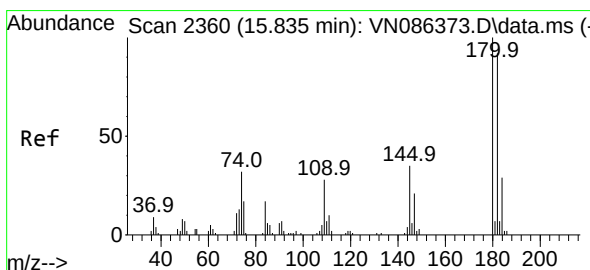
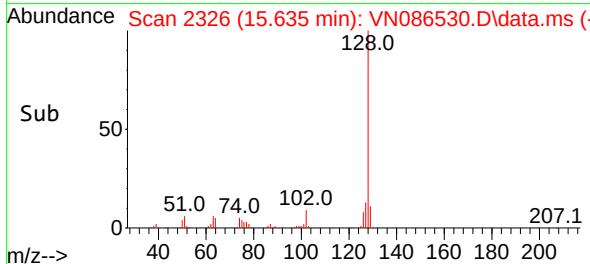
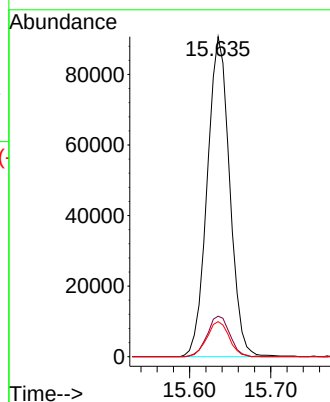
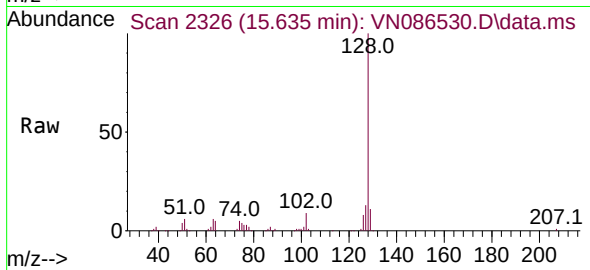




#91
Naphthalene
Concen: 19.577 ug/l
RT: 15.635 min Scan# 2326
Delta R.T. 0.000 min
Lab File: VN086530.D
Acq: 07 May 2025 12:12

Instrument :
MSVOA_N
ClientSampleId :
VN0507WBSD01

Tgt Ion:128 Resp: 173847
Ion Ratio Lower Upper
128 100
127 12.7 10.6 15.8
129 10.9 8.7 13.1



#92
1,2,3-Trichlorobenzene
Concen: 20.719 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. 0.000 min
Lab File: VN086530.D
Acq: 07 May 2025 12:12

Tgt Ion:180 Resp: 51392
Ion Ratio Lower Upper
180 100
182 92.5 0.0 187.0
145 32.4 0.0 67.2

