

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051625\
 Data File : VN086663.D
 Acq On : 16 May 2025 12:46
 Operator : JC\MD
 Sample : VN0516WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0516WBSD01

Quant Time: May 16 23:02:20 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	7.806	128	28926	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	168023	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	156348	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.577	65	81302	29.153	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	97.167%		
60) 4-Bromofluorobenzene	12.847	95	88889	28.927	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	96.433%		
63) Toluene-d8	10.565	98	254023	29.533	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	98.433%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.124	85	38036	19.046	ug/l	94
3) Chloromethane	2.360	50	52153	18.385	ug/l	100
4) Vinyl Chloride	2.512	62	48184	17.735	ug/l	95
5) Bromomethane	2.959	94	28936	20.399	ug/l	95
6) Chloroethane	3.124	64	32947	18.190	ug/l	93
7) Trichlorofluoromethane	3.495	101	62450	19.473	ug/l	97
8) Diethyl Ether	3.959	74	27019	19.959	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.371	101	38445	19.500	ug/l	97
10) 1,1-Dichloroethene	4.336	96	39596	19.622	ug/l	93
11) Methyl Iodide	4.589	142	43465	18.409	ug/l	98
12) Methyl Acetate	5.024	43	63075	22.052	ug/l	96
13) Acrolein	4.177	56	16854	129.050	ug/l	100
14) Acrylonitrile	5.712	53	115846	108.824	ug/l	99
15) Acetone	4.424	58	30442	103.779	ug/l	77
16) Carbon Disulfide	4.712	76	95385	17.938	ug/l	98
17) Allyl chloride	5.024	41	60932	18.884	ug/l	94
18) Methylene Chloride	5.277	84	46968	20.438	ug/l	96
19) trans-1,2-Dichloroethene	5.789	96	41117	19.116	ug/l	96
20) Diisopropyl ether	6.671	45	145988	19.029	ug/l	96
21) 1,1-Dichloroethane	6.565	63	81445	19.394	ug/l	96
22) cis-1,2-Dichloroethene	7.483	96	52993	19.704	ug/l	94
23) tert-Butyl Alcohol	5.512	59	46769	113.412	ug/l #	100
24) Methyl tert-Butyl Ether	5.789	73	147932	19.841	ug/l	97
25) Chloroform	7.965	83	84035	19.772	ug/l	94
26) Cyclohexane	8.253	56	64146	17.299	ug/l #	98
29) 1,1-Dichloropropene	8.371	75	56468	19.063	ug/l	100
30) 2-Butanone	7.483	43	152288	105.923	ug/l	98
31) 2,2-Dichloropropane	7.489	77	71297	18.724	ug/l	99
32) 1,1,1-Trichloroethane	8.165	97	69934	19.757	ug/l	98
33) Carbon Tetrachloride	8.359	117	57211	19.634	ug/l	97
34) Benzene	8.600	78	189486	20.112	ug/l	96
35) Methacrylonitrile	7.771	41	35450	21.615	ug/l	99
36) 1,2-Dichloroethane	8.665	62	62391	20.397	ug/l	98
37) Trichloroethene	9.347	130	46337	19.646	ug/l	92
38) Methylcyclohexane	9.600	83	61208	17.892	ug/l	99
39) 1,2-Dichloropropane	9.618	63	46373	19.924	ug/l	93
40) Dibromomethane	9.706	93	32378	20.802	ug/l	97
41) Bromodichloromethane	9.888	83	66477	20.182	ug/l	96
42) Vinyl Acetate	6.600	43	501487	100.692	ug/l	98

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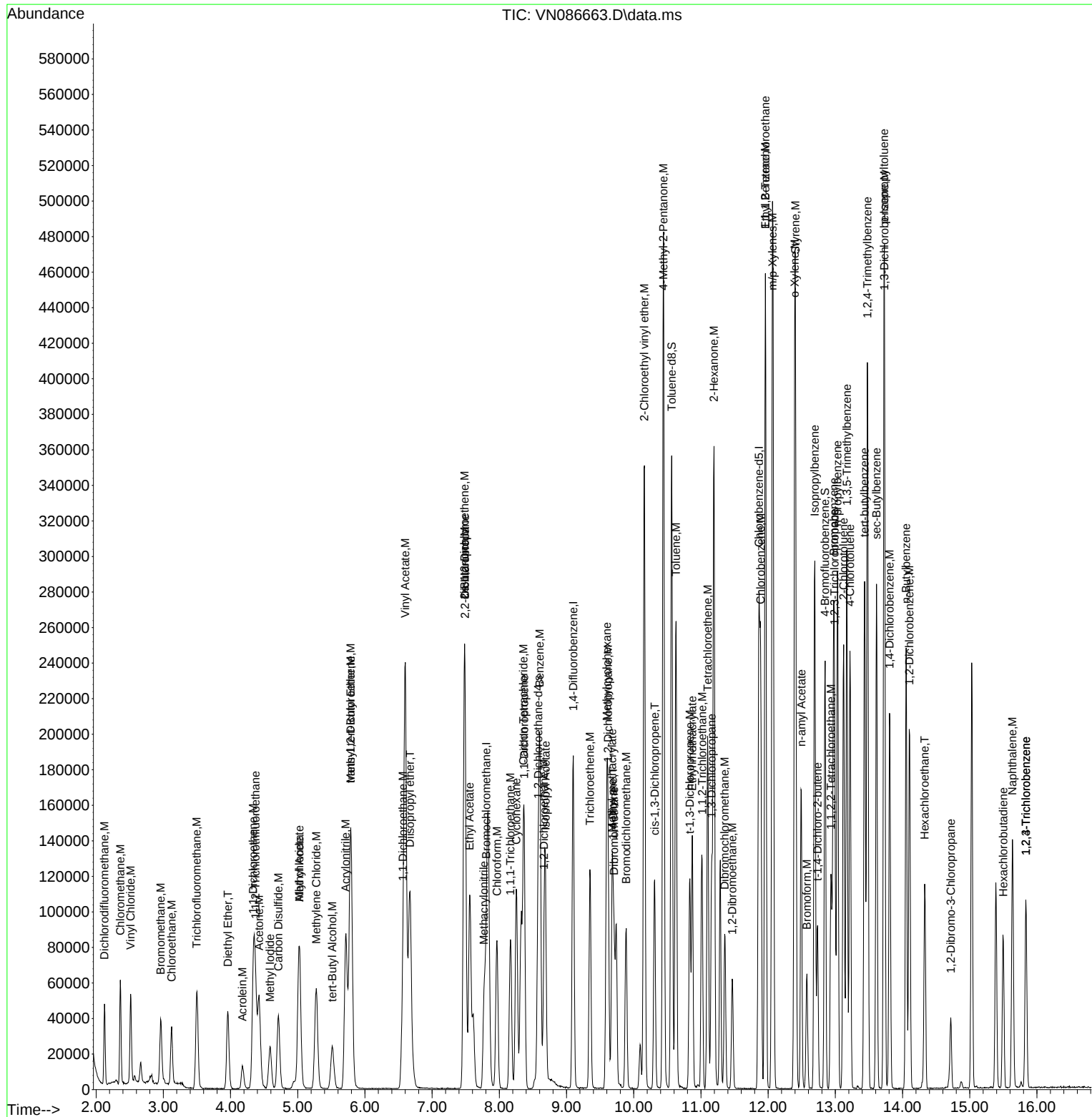
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43) Ethyl Acetate	7.559	43	57430	20.185	ug/l	96
44) Isopropyl Acetate	8.689	43	110043	20.378	ug/l	100
45) 1,4-Dioxane	9.694	88	20269	481.083	ug/l	97
46) Methyl methacrylate	9.677	41	48285	19.385	ug/l	94
47) n-amyl Acetate	12.494	43	89706	19.491	ug/l	97
48) t-1,3-Dichloropropene	10.835	75	70769	19.218	ug/l	97
49) cis-1,3-Dichloropropene	10.312	75	74796	19.261	ug/l	91
50) 1,1,2-Trichloroethane	11.018	97	45950	21.135	ug/l	97
51) Ethyl methacrylate	10.871	69	74477	19.669	ug/l	95
52) 1,3-Dichloropropane	11.159	76	78765	20.499	ug/l	99
53) Dibromochloromethane	11.353	129	49021	20.080	ug/l	99
54) 1,2-Dibromoethane	11.465	107	45566	20.613	ug/l	100
55) 2-Chloroethyl vinyl ether	10.159	63	167035	93.829	ug/l	99
56) Bromoform	12.577	173	31950	20.168	ug/l #	99
58) 4-Methyl-2-Pentanone	10.441	43	315116	104.151	ug/l	99
59) 2-Hexanone	11.194	43	232893	104.454	ug/l	98
61) Tetrachloroethene	11.100	164	47402	19.878	ug/l	94
62) Toluene	10.630	91	206502	19.732	ug/l	99
64) Chlorobenzene	11.888	112	131310	20.137	ug/l	97
65) 1,1,1,2-Tetrachloroethane	11.959	131	44211	20.277	ug/l	100
66) Ethyl Benzene	11.959	91	226147	19.198	ug/l	99
67) m/p-Xylenes	12.065	106	173274	38.767	ug/l	99
68) o-Xylene	12.394	106	85228	19.475	ug/l	96
69) Styrene	12.406	104	143664	19.368	ug/l	100
70) Isopropylbenzene	12.694	105	207805	19.022	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.935	83	65762	22.862	ug/l	99
72) 1,2,3-Trichloropropane	12.988	75	87891	35.047	ug/l	39
73) Bromobenzene	12.976	156	51411	20.470	ug/l	97
74) n-propylbenzene	13.029	91	241796	18.626	ug/l	99
75) 2-Chlorotoluene	13.124	91	156263	19.283	ug/l	99
76) 1,3,5-Trimethylbenzene	13.171	105	166994	18.630	ug/l	99
77) t-1,4-Dichloro-2-butene	12.735	75	23291	18.300	ug/l	98
78) 4-Chlorotoluene	13.218	91	155443	19.184	ug/l	100
79) tert-butylbenzene	13.435	119	143723	18.722	ug/l	98
80) 1,2,4-Trimethylbenzene	13.476	105	172040	18.793	ug/l	98
81) sec-Butylbenzene	13.612	105	200667	18.312	ug/l	98
82) p-Isopropyltoluene	13.724	119	167166	18.231	ug/l	100
83) 1,3-Dichlorobenzene	13.729	146	91169	19.203	ug/l	99
84) 1,4-Dichlorobenzene	13.806	146	90263	19.243	ug/l	100
85) n-Butylbenzene	14.053	91	140656	17.191	ug/l	99
86) Hexachloroethane	14.329	117	27359	18.247	ug/l	99
87) 1,2-Dichlorobenzene	14.100	146	90456	20.024	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	14.718	75	11214	19.180	ug/l	96
89) 1,2,4-Trichlorobenzene	15.835	180	38535	18.716	ug/l	97
90) Hexachlorobutadiene	15.500	225	16749	20.196	ug/l	98
91) Naphthalene	15.635	128	136046	18.457	ug/l	99
92) 1,2,3-Trichlorobenzene	15.835	180	38535	18.716	ug/l	97

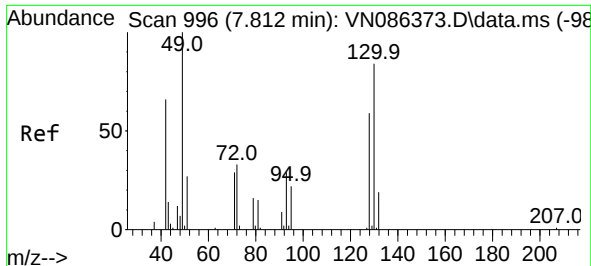
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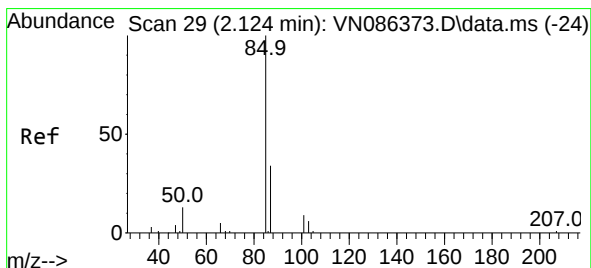
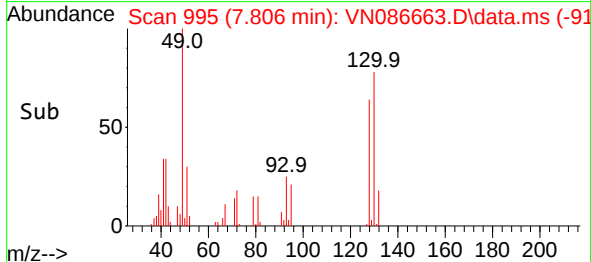
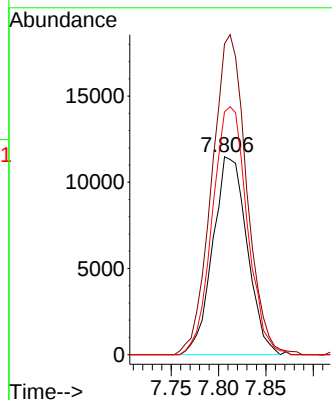
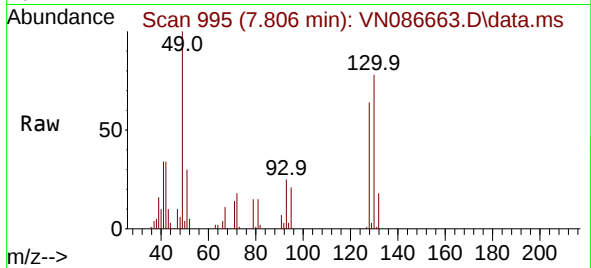




#1
 Bromochloromethane
 Concen: 30.000 ug/l
 RT: 7.806 min Scan# 91
 Delta R.T. -0.006 min
 Lab File: VN086663.D
 Acq: 16 May 2025 12:46

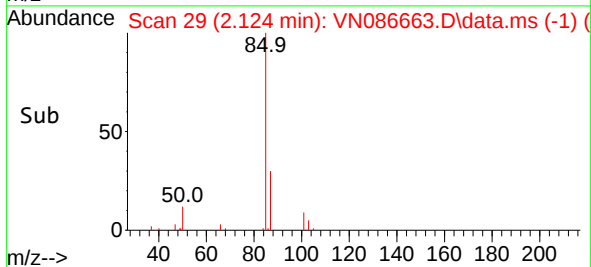
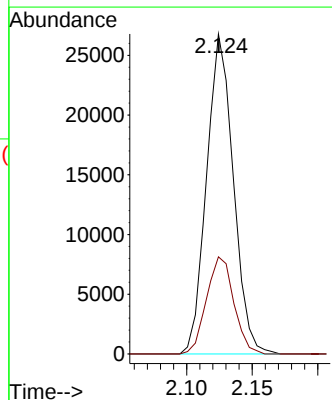
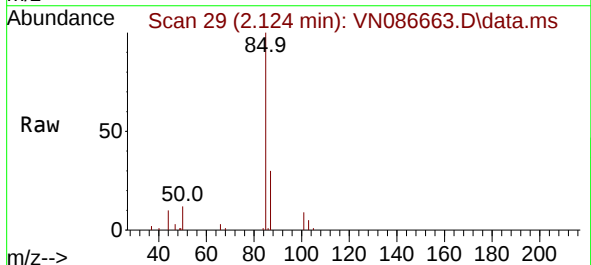
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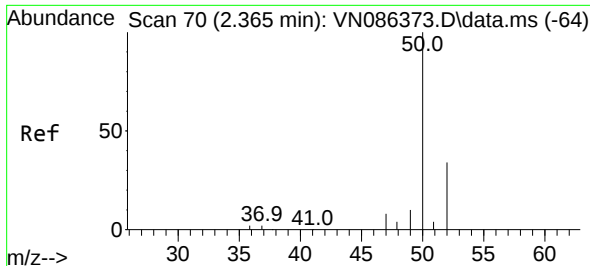
Tgt Ion:128 Resp: 28926
 Ion Ratio Lower Upper
 128 100
 49 164.0 0.0 433.8
 130 127.2 0.0 325.0



#2
 Dichlorodifluoromethane
 Concen: 19.046 ug/l
 RT: 2.124 min Scan# 29
 Delta R.T. 0.000 min
 Lab File: VN086663.D
 Acq: 16 May 2025 12:46

Tgt Ion: 85 Resp: 38036
 Ion Ratio Lower Upper
 85 100
 87 30.4 17.0 50.9

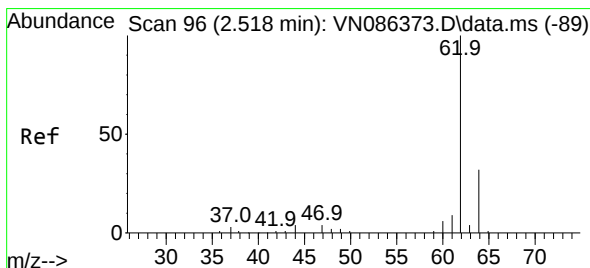
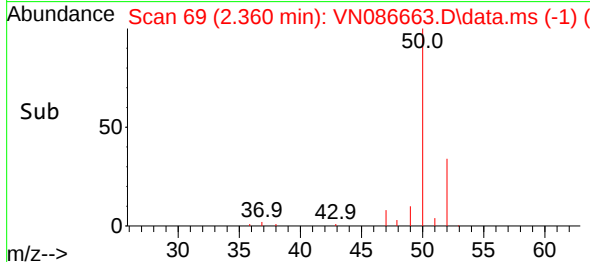
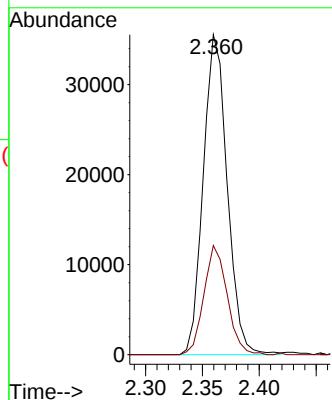
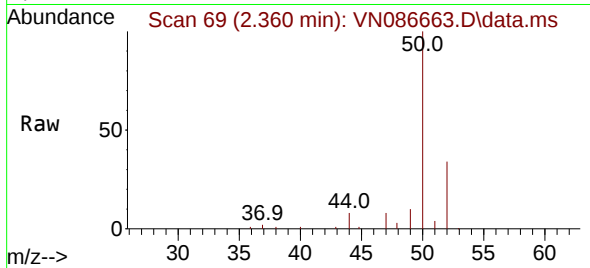




#3
Chloromethane
Concen: 18.385 ug/l
RT: 2.360 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN086663.D
Acq: 16 May 2025 12:46

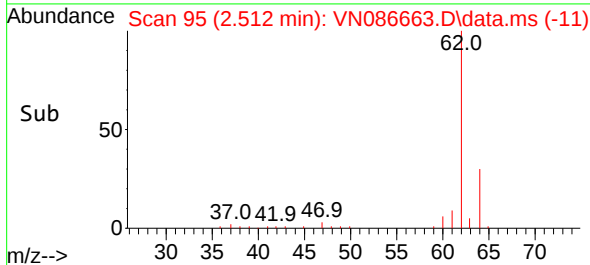
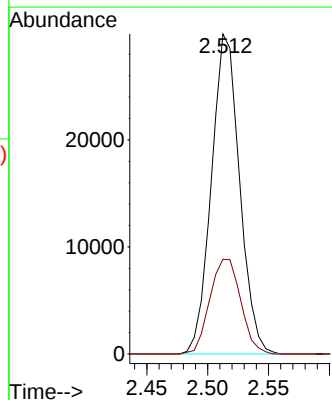
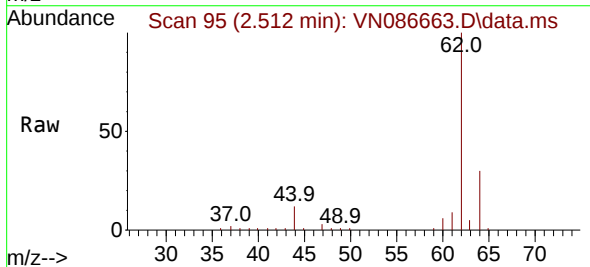
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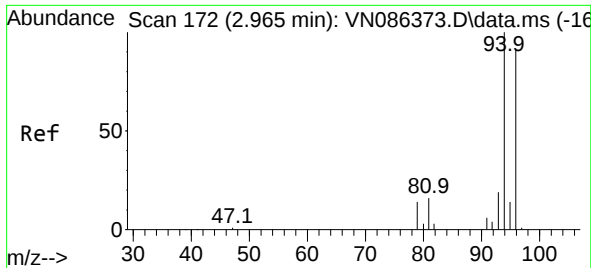
Tgt Ion: 50 Resp: 52153
Ion Ratio Lower Upper
50 100
52 34.1 27.3 40.9



#4
Vinyl Chloride
Concen: 17.735 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.006 min
Lab File: VN086663.D
Acq: 16 May 2025 12:46

Tgt Ion: 62 Resp: 48184
Ion Ratio Lower Upper
62 100
64 29.6 25.8 38.8

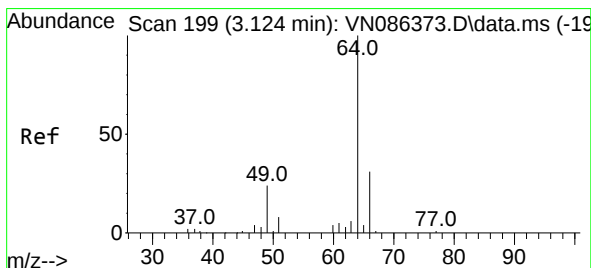
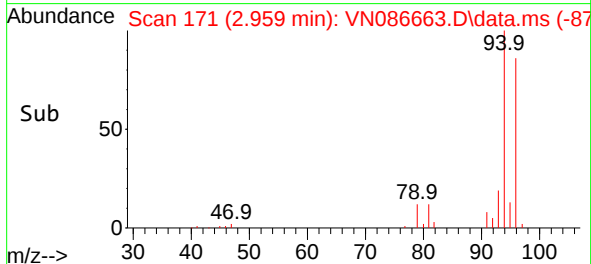
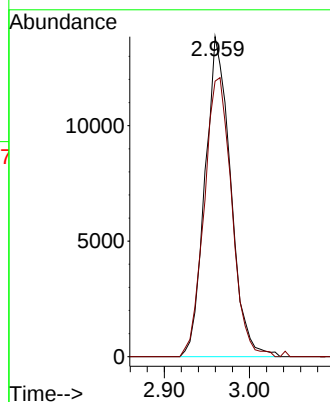
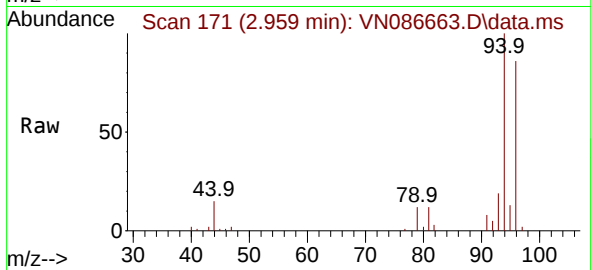




#5
Bromomethane
Concen: 20.399 ug/l
RT: 2.959 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN086663.D
Acq: 16 May 2025 12:46

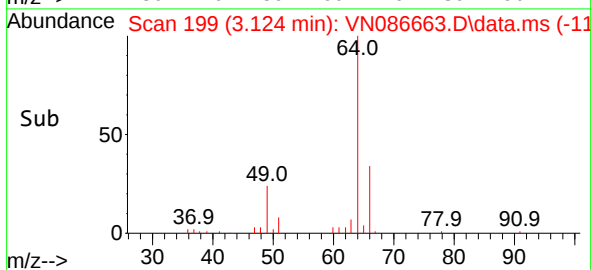
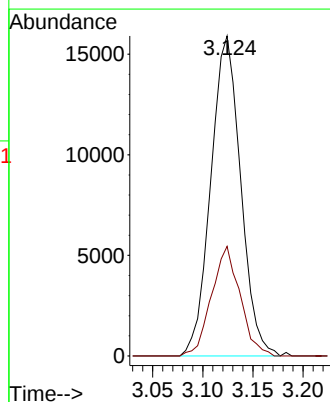
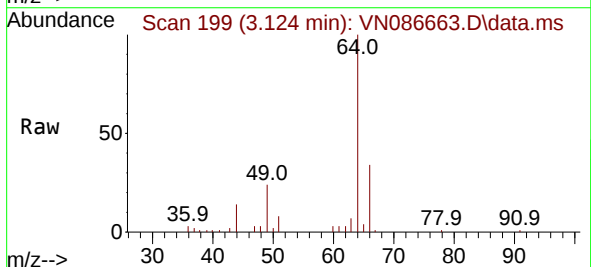
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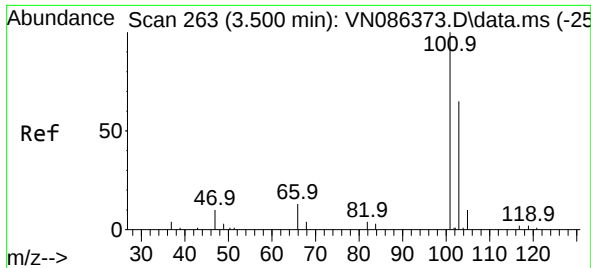
Tgt Ion: 94 Resp: 28936
Ion Ratio Lower Upper
94 100
96 86.1 72.4 108.6



#6
Chloroethane
Concen: 18.190 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.000 min
Lab File: VN086663.D
Acq: 16 May 2025 12:46

Tgt Ion: 64 Resp: 32947
Ion Ratio Lower Upper
64 100
66 34.2 24.5 36.7

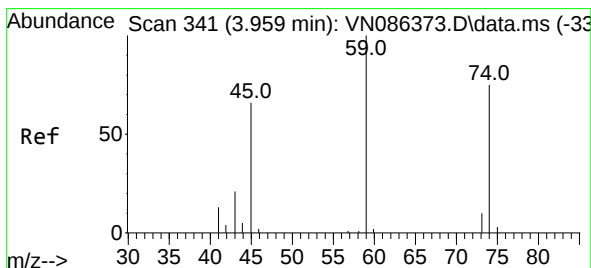
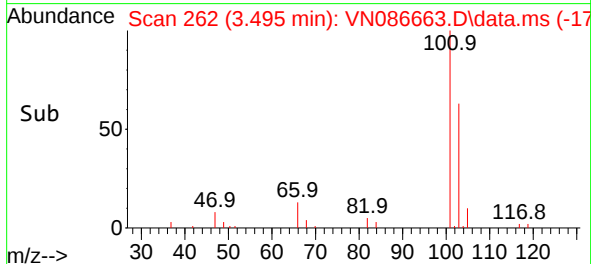
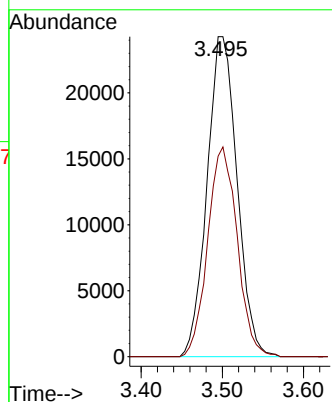
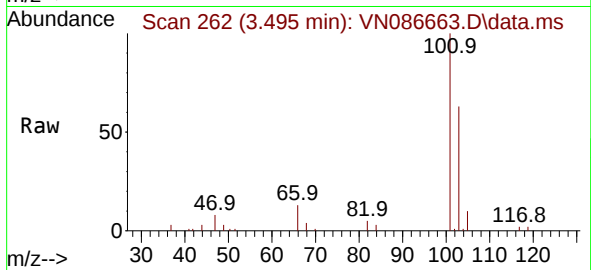




#7
 Trichlorofluoromethane
 Concen: 19.473 ug/l
 RT: 3.495 min Scan# 262
 Delta R.T. -0.006 min
 Lab File: VN086663.D
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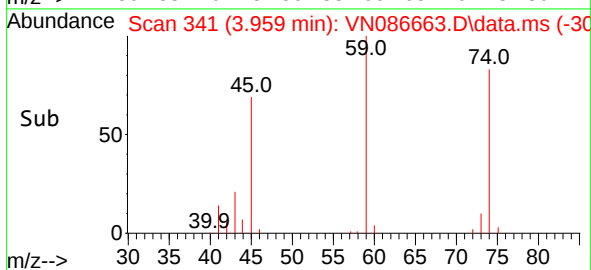
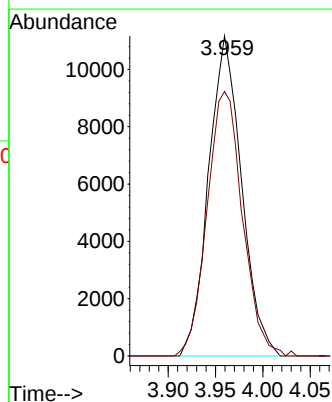
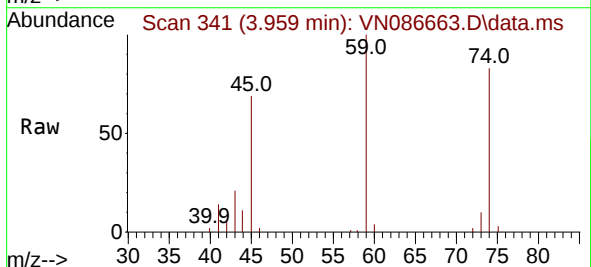
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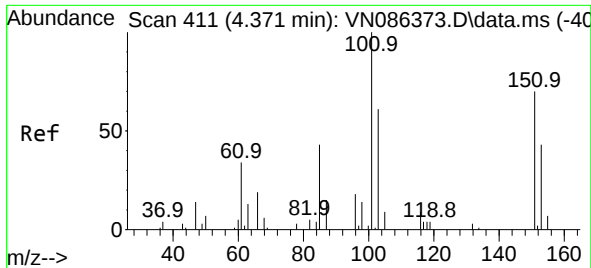
Tgt Ion:101 Resp: 62450
 Ion Ratio Lower Upper
 101 100
 103 62.7 51.8 77.6



#8
 Diethyl Ether
 Concen: 19.959 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. 0.000 min
 Lab File: VN086663.D
 Acq: 16 May 2025 12:46

Tgt Ion: 74 Resp: 27019
 Ion Ratio Lower Upper
 74 100
 45 88.6 18.5 166.3

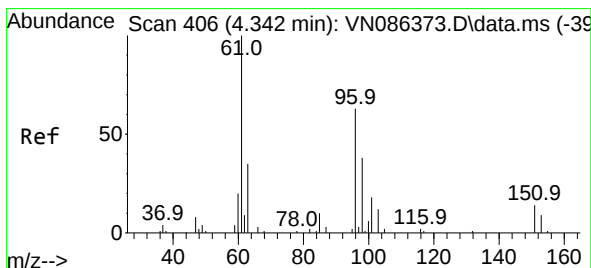
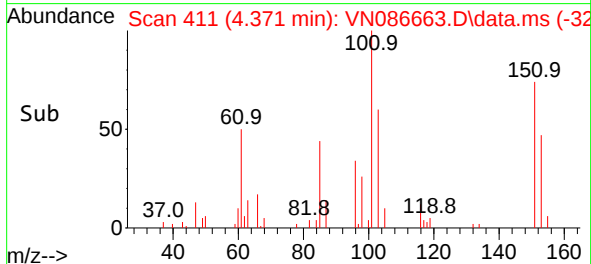
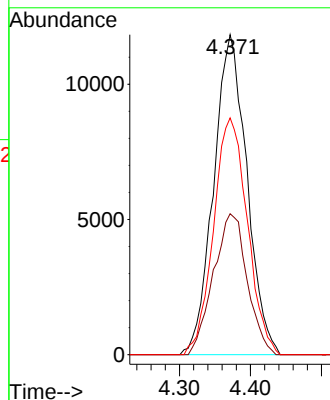
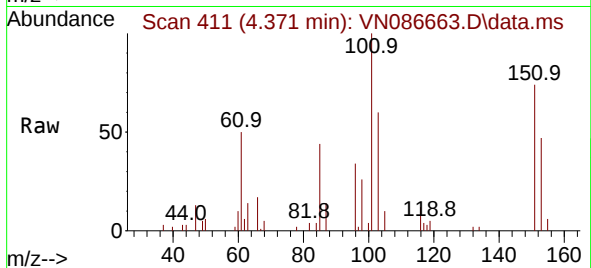




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 19.500 ug/l
 RT: 4.371 min Scan# 411
 Delta R.T. 0.000 min
 Lab File: VN086663.D
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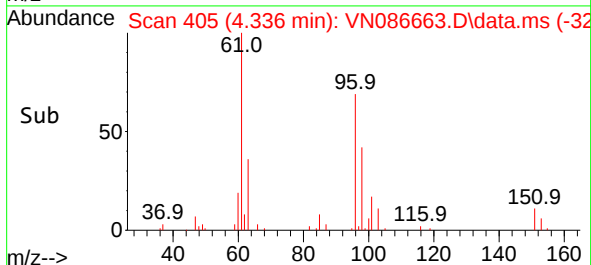
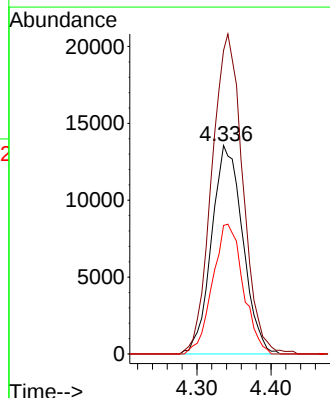
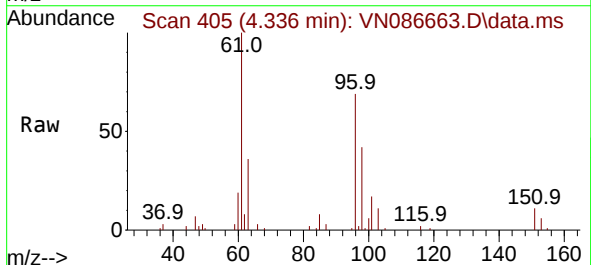
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 ClientSampleId :
 VN0516WBSD01

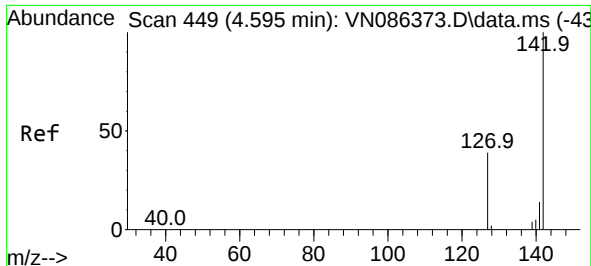
Tgt Ion:101 Resp: 38445
 Ion Ratio Lower Upper
 101 100
 85 44.8 0.0 84.4
 151 75.3 0.0 145.8



#10
 1,1-Dichloroethene
 Concen: 19.622 ug/l
 RT: 4.336 min Scan# 405
 Delta R.T. -0.006 min
 Lab File: VN086663.D
 Acq: 16 May 2025 12:46

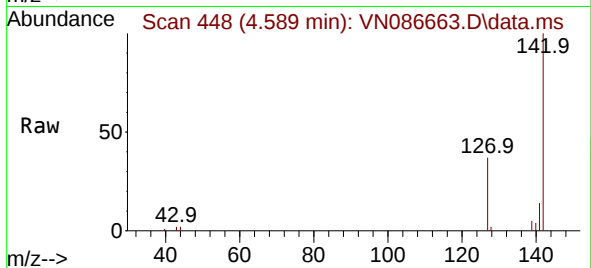
Tgt Ion: 96 Resp: 39596
 Ion Ratio Lower Upper
 96 100
 61 145.6 126.2 189.4
 98 61.7 48.5 72.7



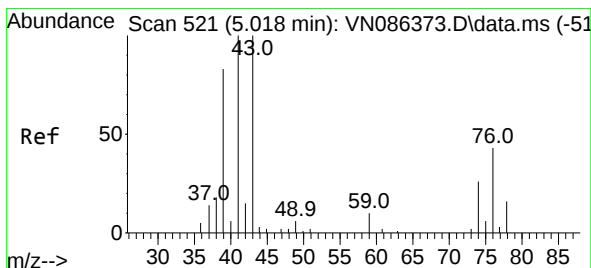
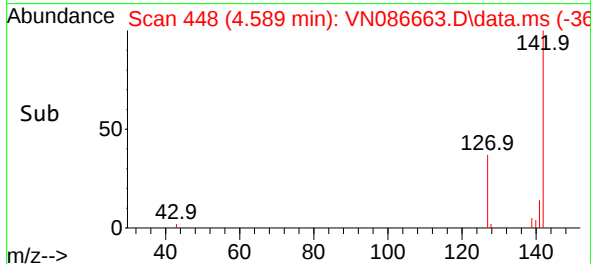
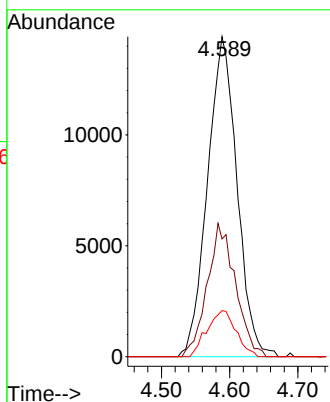


#11
Methyl Iodide
Concen: 18.409 ug/l
RT: 4.589 min Scan# 449
Delta R.T. -0.006 min
Lab File: VN086663.D
Acq: 16 May 2025 12:46

Instrument :
MSVOA_N
ClientSampleId :
VN0516WBSD01

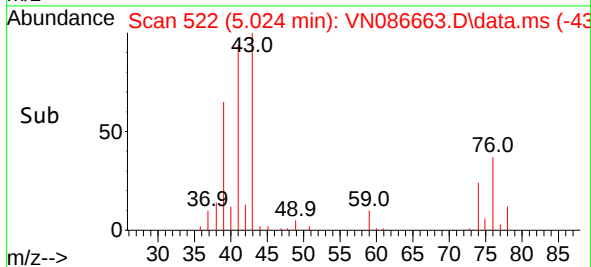
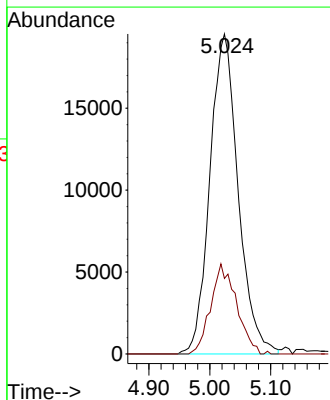
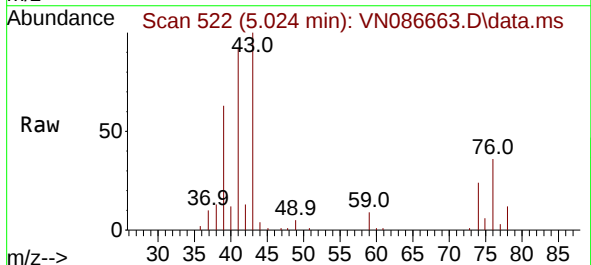


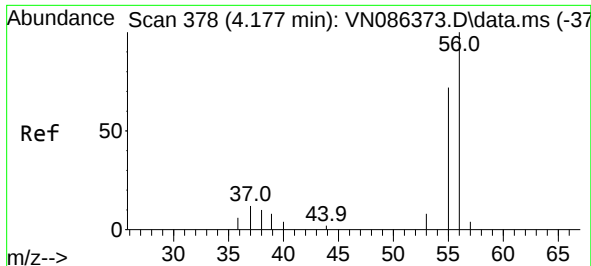
Tgt Ion:142 Resp: 43465
Ion Ratio Lower Upper
142 100
127 36.8 19.3 57.9
141 14.4 7.1 21.3



#12
Methyl Acetate
Concen: 22.052 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN086663.D
Acq: 16 May 2025 12:46

Tgt Ion: 43 Resp: 63075
Ion Ratio Lower Upper
43 100
74 23.7 20.8 31.2

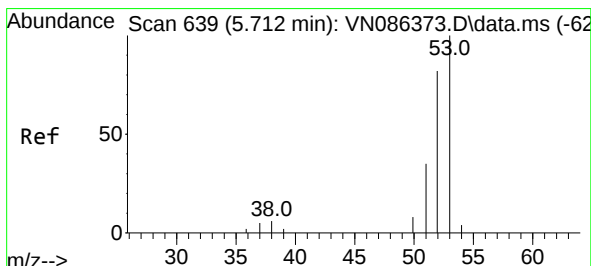
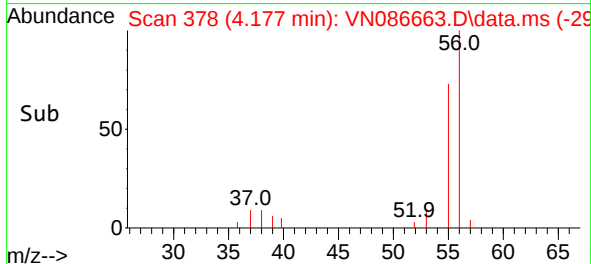
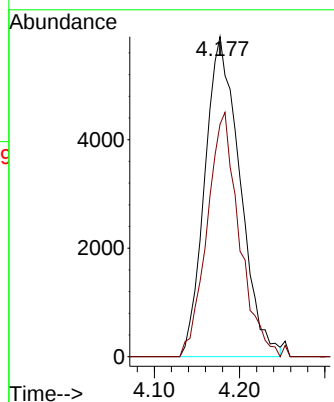
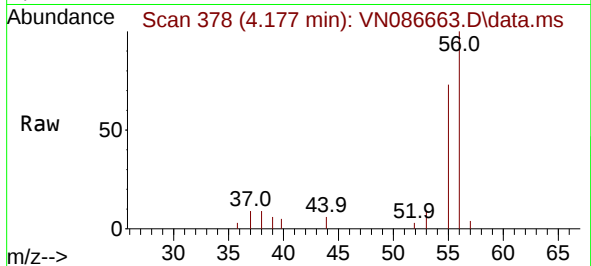




#13
Acrolein
Concen: 129.050 ug/l
RT: 4.177 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN086663.D
Acq: 16 May 2025 12:46

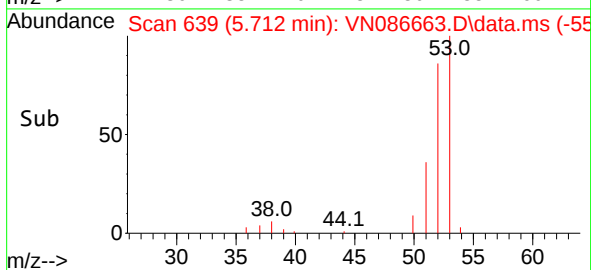
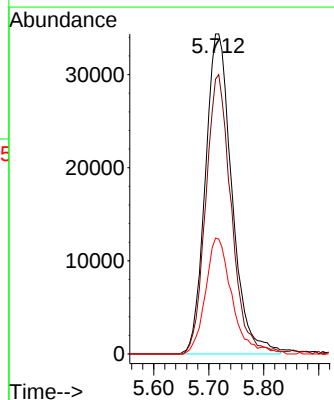
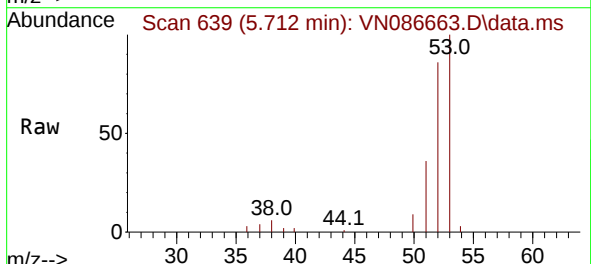
Instrument :
MSVOA_N
ClientSampleId :
VN0516WBSD01

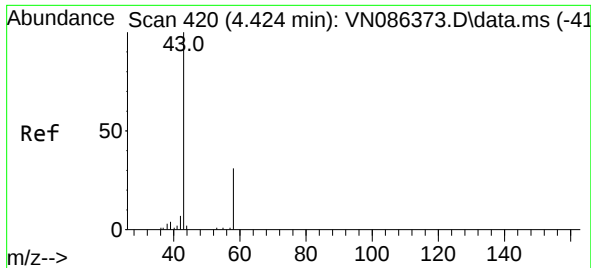
Tgt Ion: 56 Resp: 16854
Ion Ratio Lower Upper
56 100
55 70.0 56.1 84.1



#14
Acrylonitrile
Concen: 108.824 ug/l
RT: 5.712 min Scan# 639
Delta R.T. 0.000 min
Lab File: VN086663.D
Acq: 16 May 2025 12:46

Tgt Ion: 53 Resp: 115846
Ion Ratio Lower Upper
53 100
52 83.3 41.2 123.6
51 34.9 17.6 52.8





#15

Acetone

Concen: 103.779 ug/l

RT: 4.424 min Scan# 41

Delta R.T. 0.000 min

Lab File: VN086663.D

Acq: 16 May 2025 12:46

Instrument :

MSVOA_N

ClientSampleId :

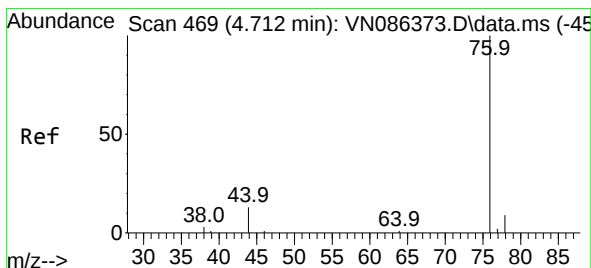
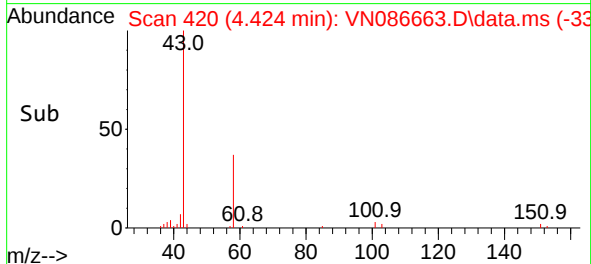
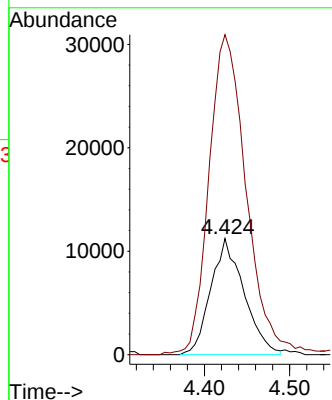
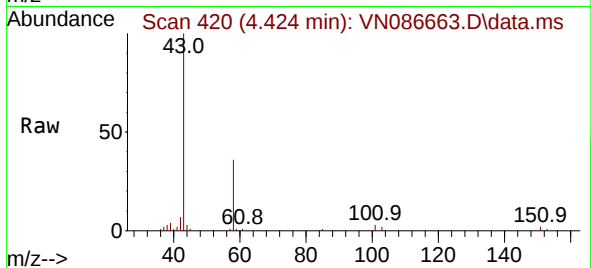
VN0516WBSD01

Tgt Ion: 58 Resp: 30442

Ion Ratio Lower Upper

58 100

43 272.3 255.1 382.7



#16

Carbon Disulfide

Concen: 17.938 ug/l

RT: 4.712 min Scan# 469

Delta R.T. 0.000 min

Lab File: VN086663.D

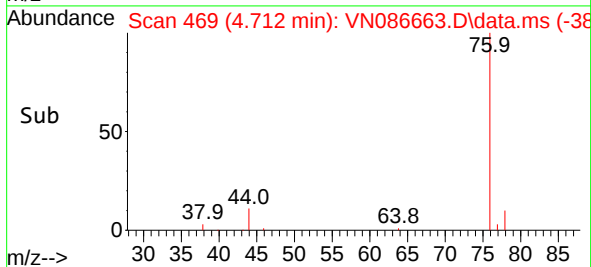
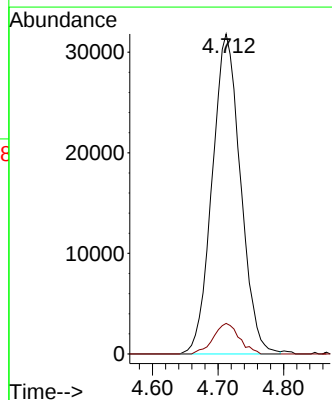
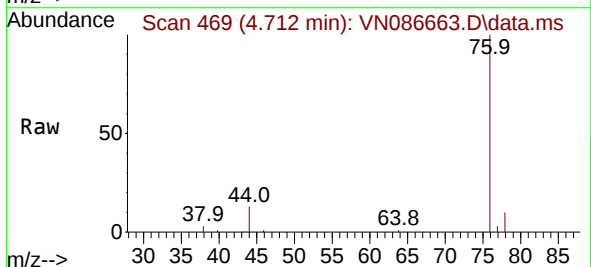
Acq: 16 May 2025 12:46

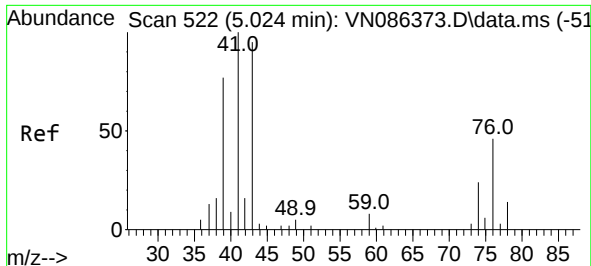
Tgt Ion: 76 Resp: 95385

Ion Ratio Lower Upper

76 100

78 9.5 7.1 10.7

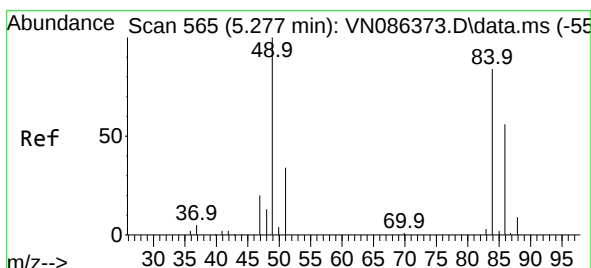
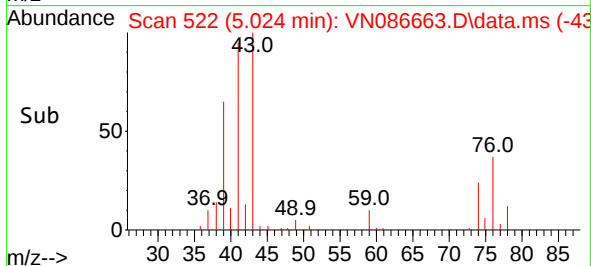
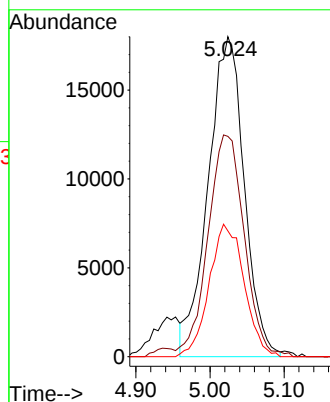
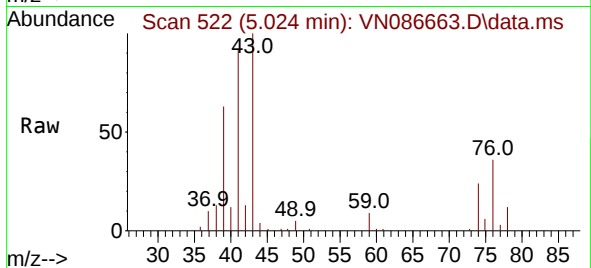




#17
 Allyl chloride
 Concen: 18.884 ug/l
 RT: 5.024 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: VN086663.D
 Acq: 16 May 2025 12:46

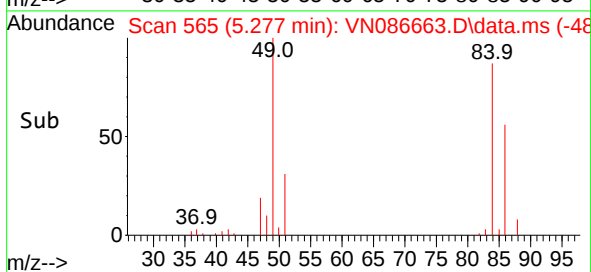
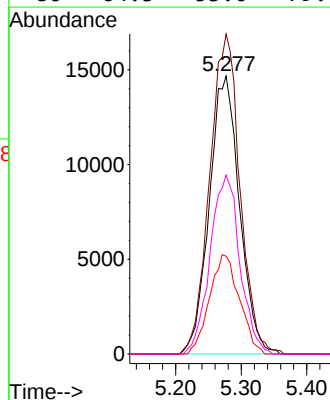
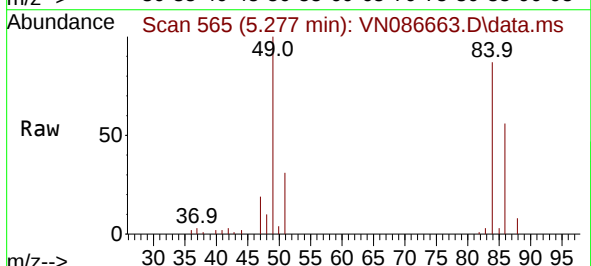
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0516WBSD01

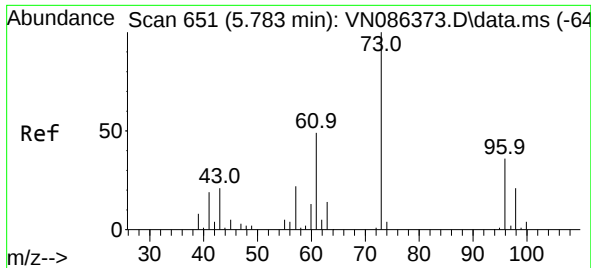
Tgt Ion:	41	Resp:	60932
Ion	Ratio	Lower	Upper
41	100		
39	68.4	36.7	110.1
76	39.9	21.8	65.4



#18
 Methylene Chloride
 Concen: 20.438 ug/l
 RT: 5.277 min Scan# 565
 Delta R.T. 0.000 min
 Lab File: VN086663.D
 Acq: 16 May 2025 12:46

Tgt Ion:	84	Resp:	46968
Ion	Ratio	Lower	Upper
84	100		
49	115.1	95.4	143.0
51	35.2	32.8	49.2
86	64.3	53.0	79.4

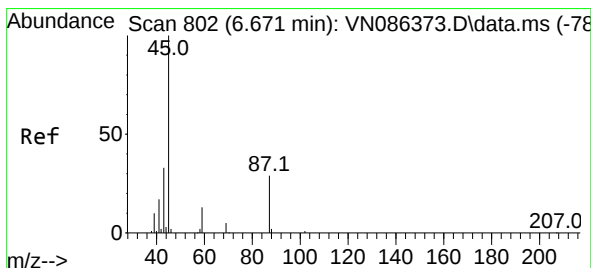
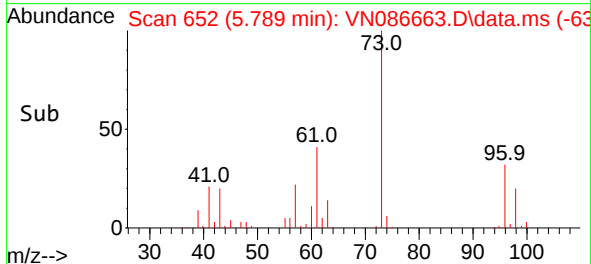
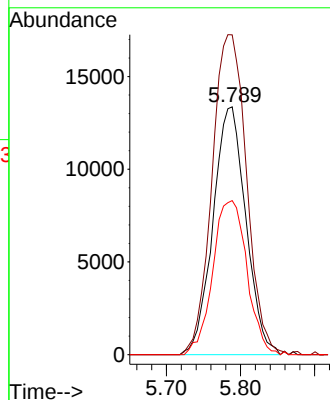
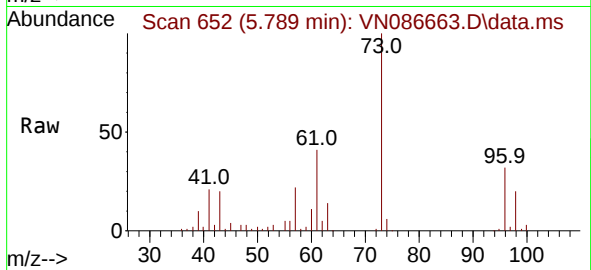




#19
trans-1,2-Dichloroethene
Concen: 19.116 ug/l
RT: 5.789 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN086663.D
Acq: 16 May 2025 12:46

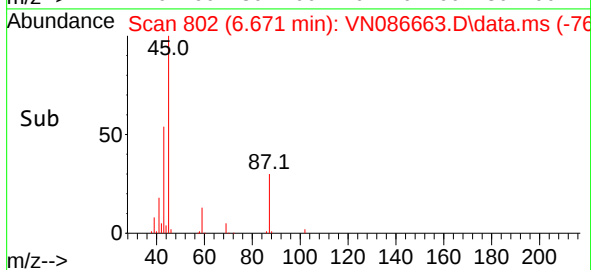
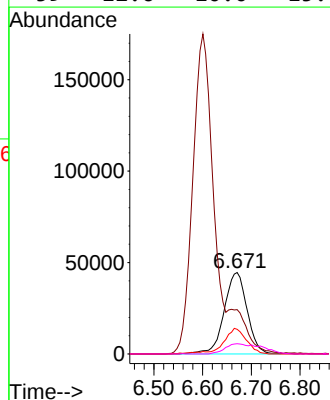
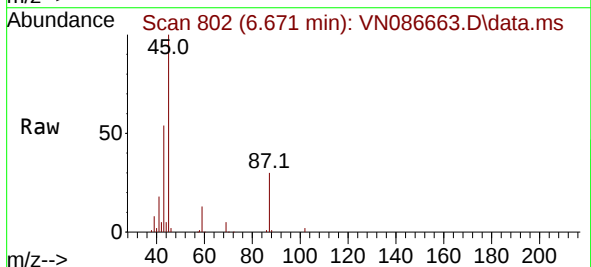
Instrument :
MSVOA_N
ClientSampleId :
VN0516WBSD01

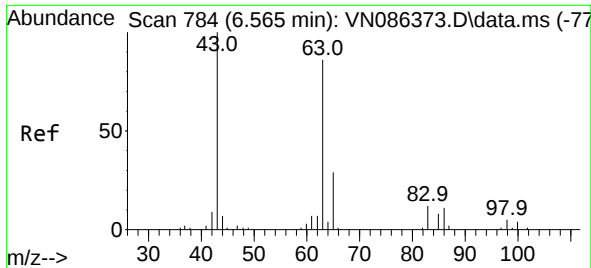
Tgt Ion: 96 Resp: 41117
Ion Ratio Lower Upper
96 100
61 129.1 107.3 160.9
98 62.2 46.7 70.1



#20
Diisopropyl ether
Concen: 19.029 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.000 min
Lab File: VN086663.D
Acq: 16 May 2025 12:46

Tgt Ion: 45 Resp: 145988
Ion Ratio Lower Upper
45 100
43 52.8 38.8 58.2
87 30.4 23.5 35.3
59 12.6 10.0 15.0

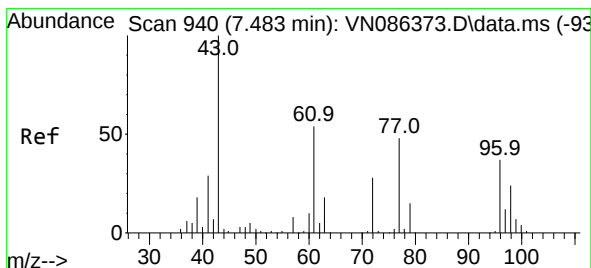
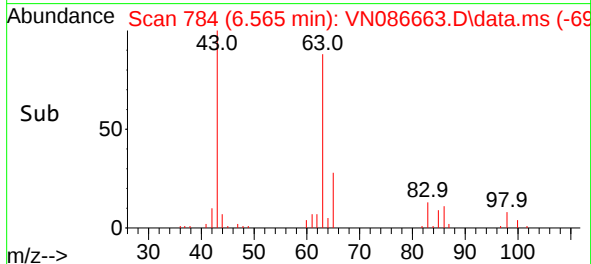
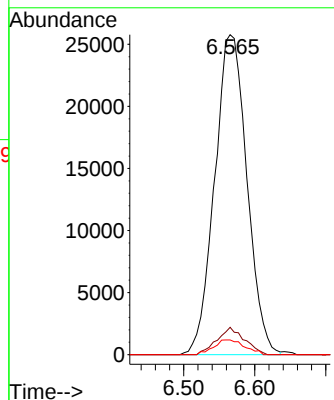
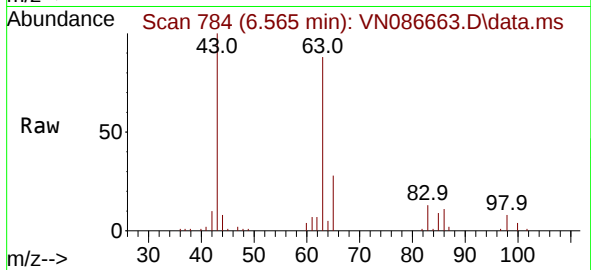




#21
1,1-Dichloroethane
Concen: 19.394 ug/l
RT: 6.565 min Scan# 784
Delta R.T. 0.000 min
Lab File: VN086663.D
Acq: 16 May 2025 12:46

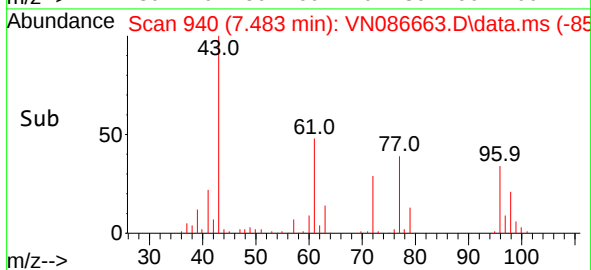
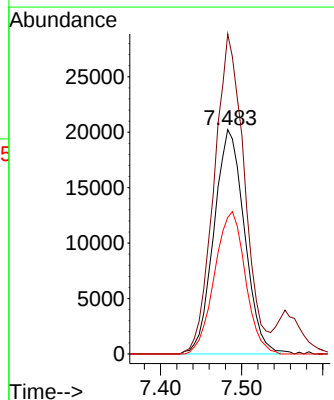
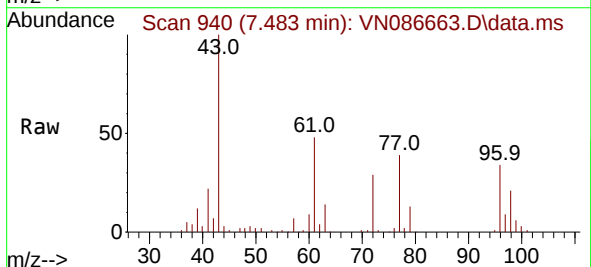
Instrument :
MSVOA_N
ClientSampleId :
VN0516WBSD01

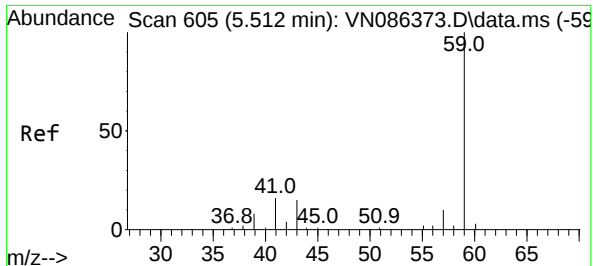
Tgt Ion: 63 Resp: 81445
Ion Ratio Lower Upper
63 100
98 8.6 3.0 9.2
100 4.6 2.3 6.8



#22
cis-1,2-Dichloroethene
Concen: 19.704 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN086663.D
Acq: 16 May 2025 12:46

Tgt Ion: 96 Resp: 52993
Ion Ratio Lower Upper
96 100
61 141.2 120.6 181.0
98 63.9 51.8 77.6





#23

tert-Butyl Alcohol

Concen: 113.412 ug/l

RT: 5.512 min Scan# 605

Delta R.T. 0.000 min

Lab File: VN086663.D

Acq: 16 May 2025 12:46

Instrument :

MSVOA_N

ClientSampleId :

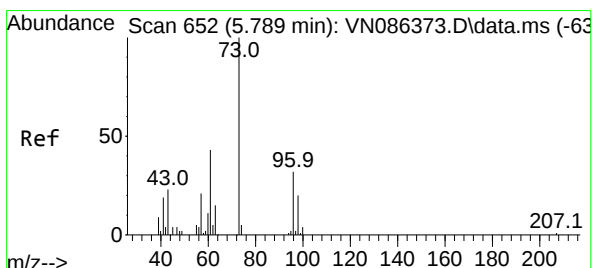
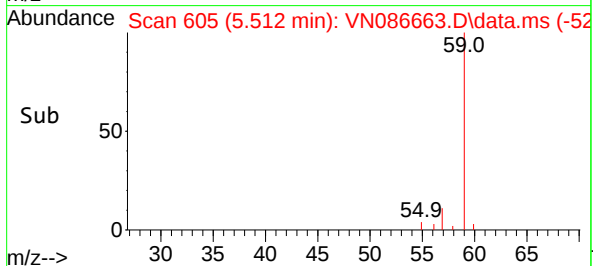
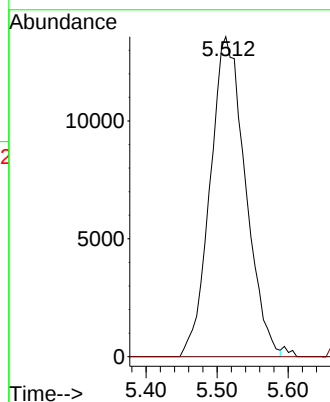
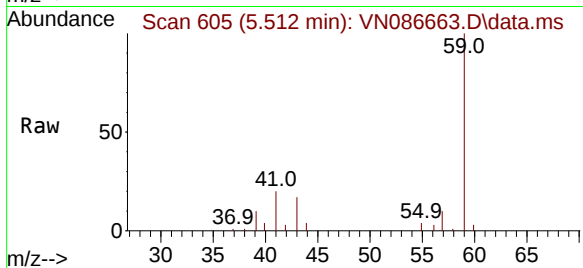
VN0516WBSD01

Tgt Ion: 59 Resp: 46769

Ion Ratio Lower Upper

59 100

52 0.0 0.1 0.1#



#24

Methyl tert-Butyl Ether

Concen: 19.841 ug/l

RT: 5.789 min Scan# 652

Delta R.T. 0.000 min

Lab File: VN086663.D

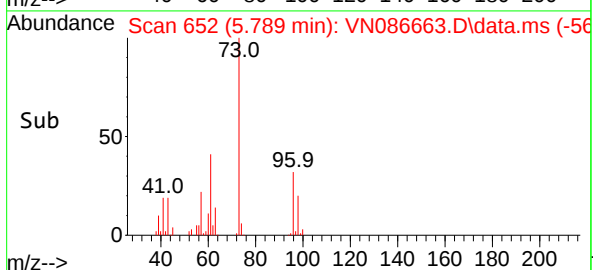
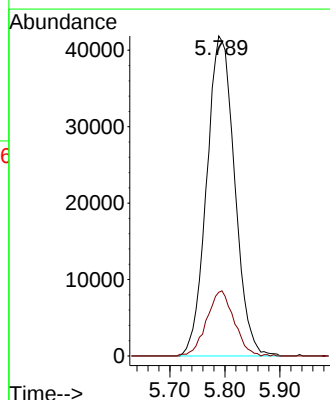
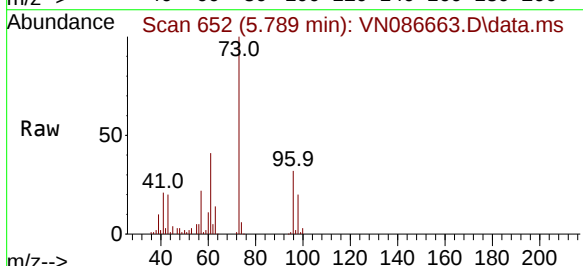
Acq: 16 May 2025 12:46

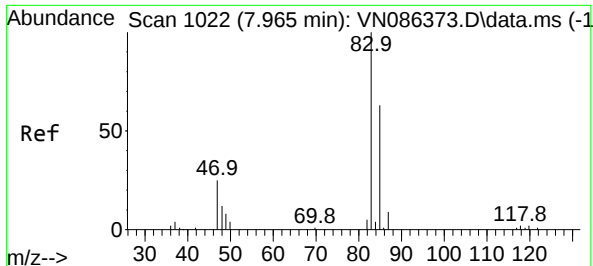
Tgt Ion: 73 Resp: 147932

Ion Ratio Lower Upper

73 100

43 19.8 17.1 25.7





#25

Chloroform

Concen: 19.772 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. 0.000 min

Lab File: VN086663.D

Acq: 16 May 2025 12:46

Instrument :

MSVOA_N

ClientSampleId :

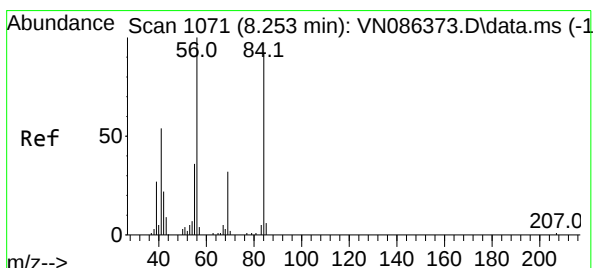
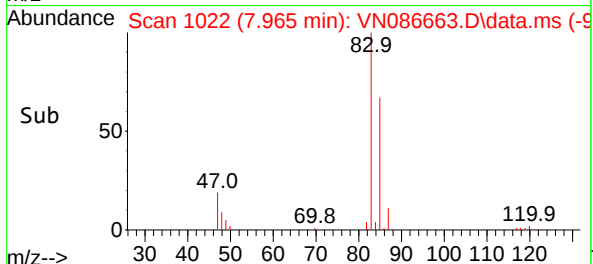
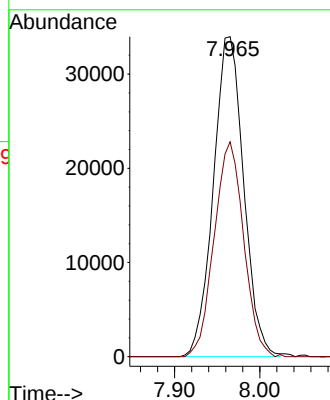
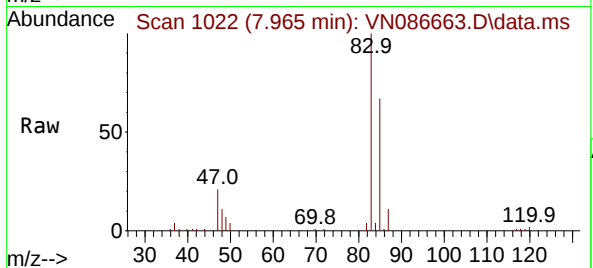
VN0516WBSD01

Tgt Ion: 83 Resp: 84035

Ion Ratio Lower Upper

83 100

85 67.2 50.2 75.2



#26

Cyclohexane

Concen: 17.299 ug/l

RT: 8.253 min Scan# 1071

Delta R.T. 0.000 min

Lab File: VN086663.D

Acq: 16 May 2025 12:46

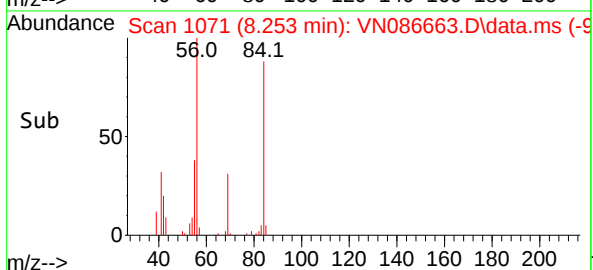
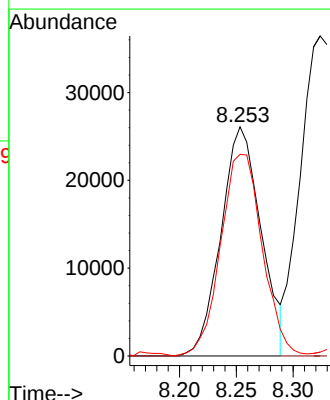
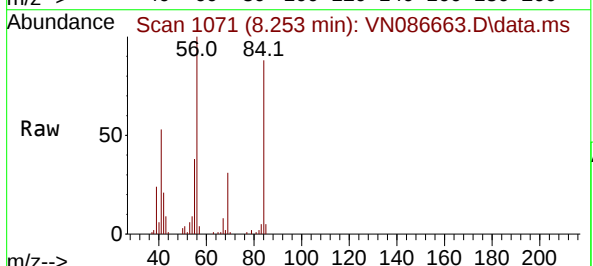
Tgt Ion: 56 Resp: 64146

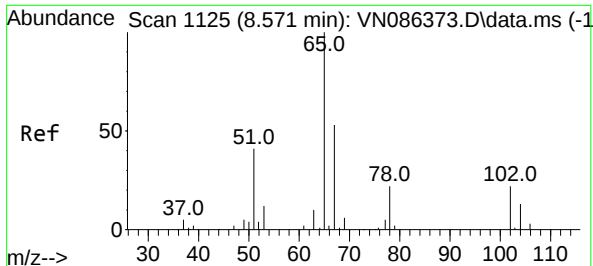
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

84 91.4 71.5 107.3

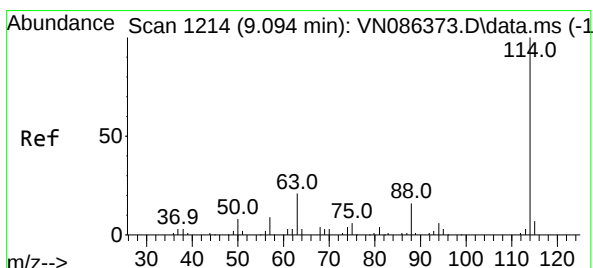
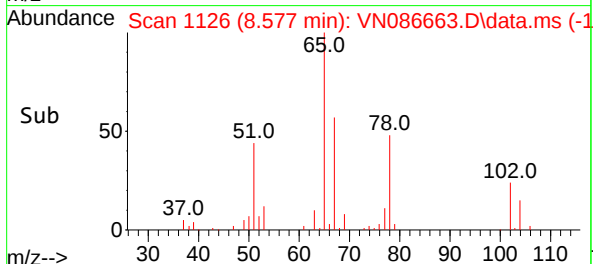
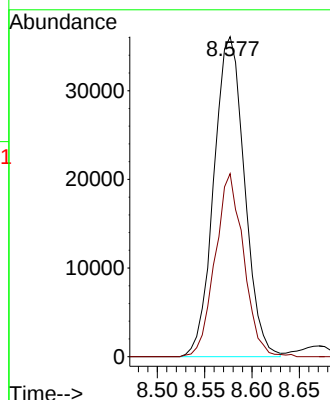
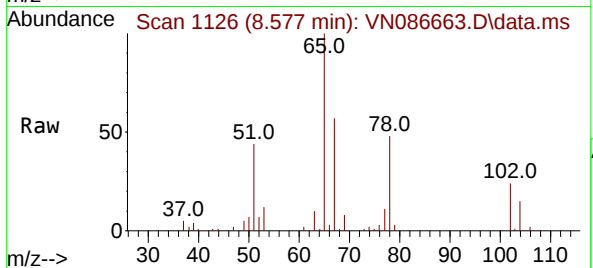




#27
 1,2-Dichloroethane-d4
 Concen: 29.153 ug/l
 RT: 8.577 min Scan# 1125
 Delta R.T. 0.006 min
 Lab File: VN086663.D
 Acq: 16 May 2025 12:46

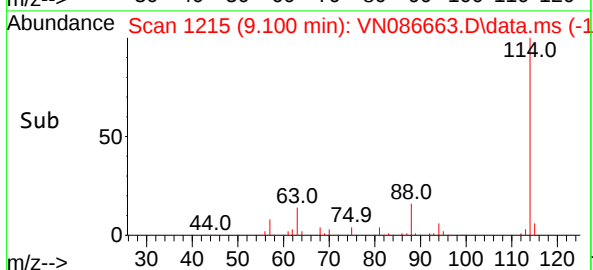
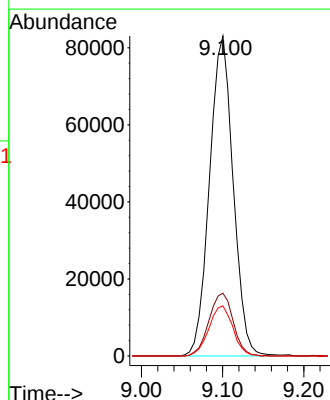
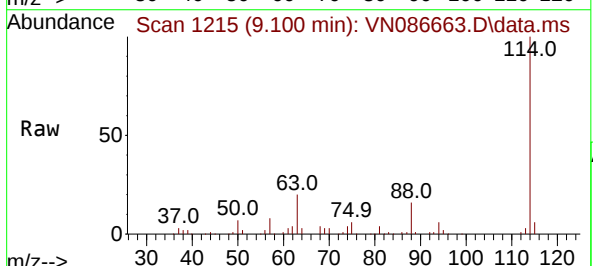
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0516WBSD01

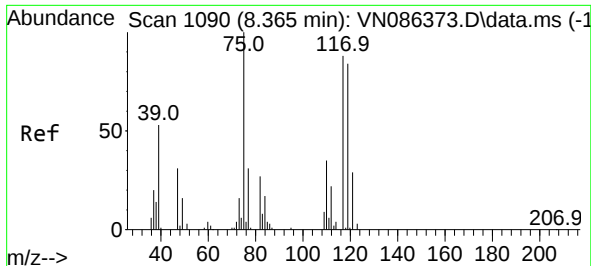
Tgt Ion: 65 Resp: 81302
 Ion Ratio Lower Upper
 65 100
 67 53.1 42.5 63.7



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 9.100 min Scan# 1215
 Delta R.T. 0.006 min
 Lab File: VN086663.D
 Acq: 16 May 2025 12:46

Tgt Ion: 114 Resp: 168023
 Ion Ratio Lower Upper
 114 100
 63 20.0 16.7 25.1
 88 15.9 12.6 19.0

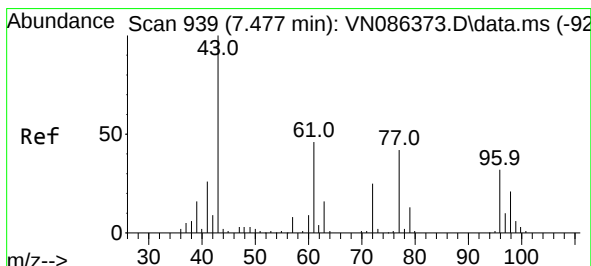
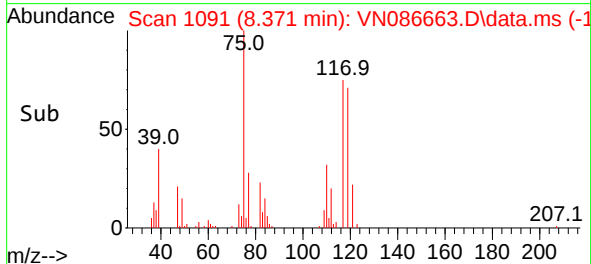
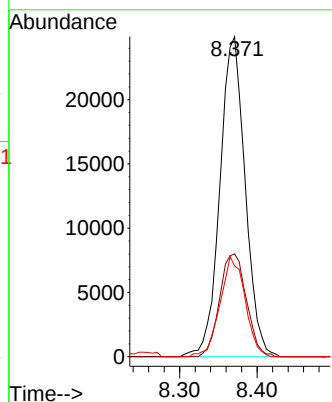
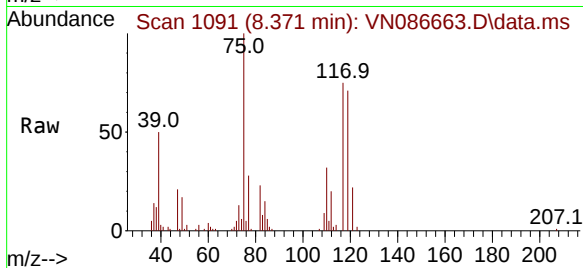




#29
 1,1-Dichloropropene
 Concen: 19.063 ug/l
 RT: 8.371 min Scan# 1090
 Delta R.T. 0.006 min
 Lab File: VN086663.D
 Acq: 16 May 2025 12:46

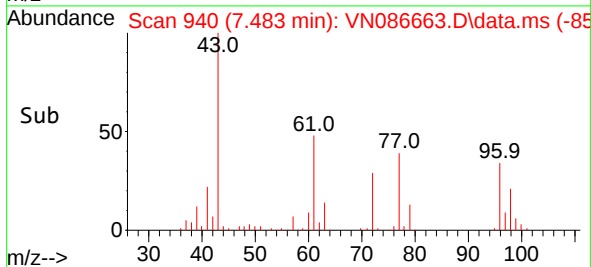
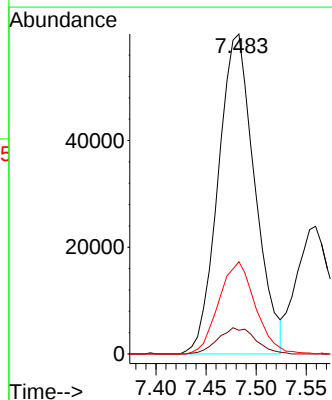
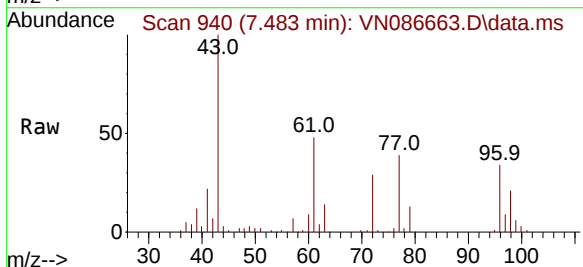
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0516WBSD01

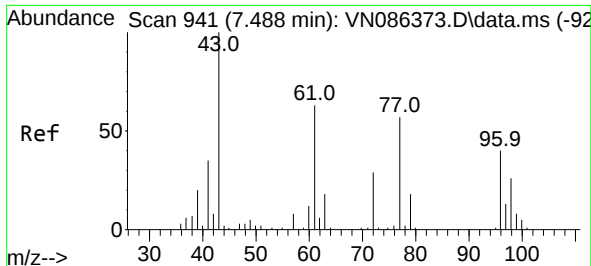
Tgt Ion:	75	Resp:	56468
Ion Ratio	Lower	Upper	
75	100		
110	34.0	0.0	68.0
77	30.9	0.0	61.4



#30
 2-Butanone
 Concen: 105.923 ug/l
 RT: 7.483 min Scan# 940
 Delta R.T. 0.006 min
 Lab File: VN086663.D
 Acq: 16 May 2025 12:46

Tgt Ion:	43	Resp:	152288
Ion Ratio	Lower	Upper	
43	100		
57	8.4	6.6	10.0
72	28.8	22.2	33.4

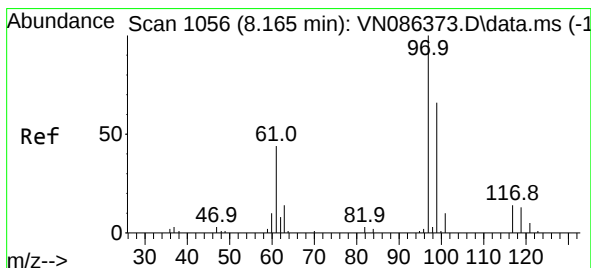
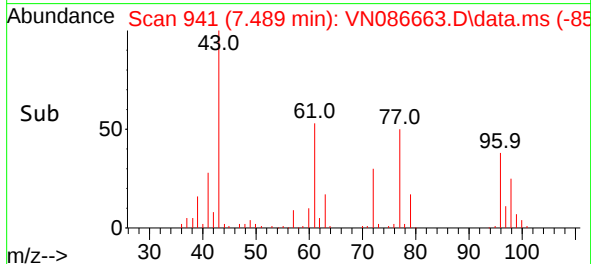
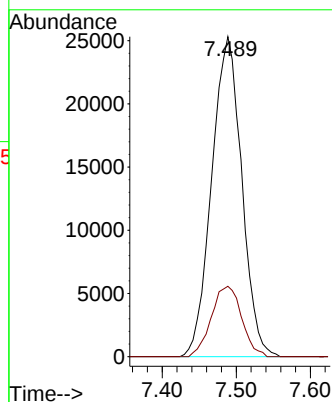
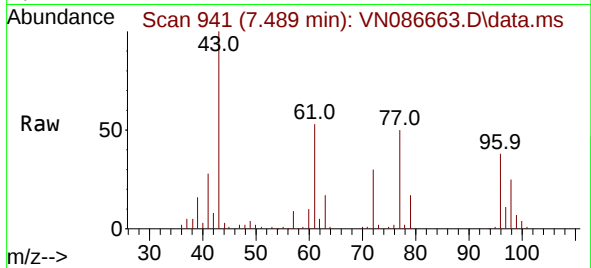




#31
2,2-Dichloropropane
Concen: 18.724 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN086663.D
Acq: 16 May 2025 12:46

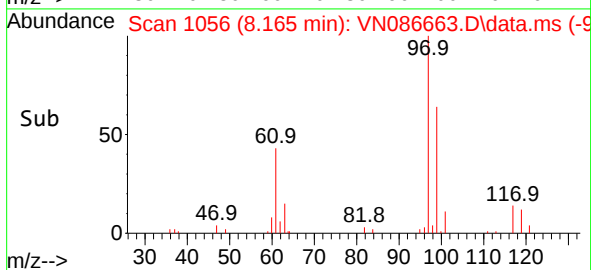
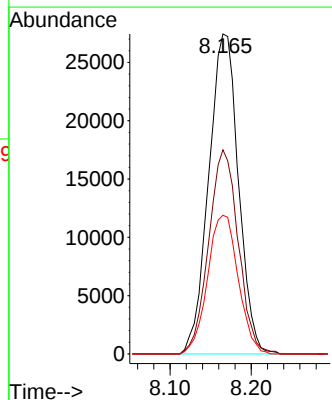
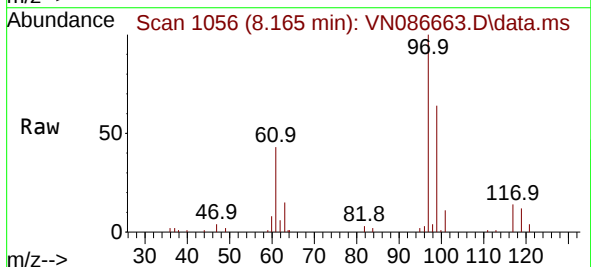
Instrument :
MSVOA_N
ClientSampleId :
VN0516WBSD01

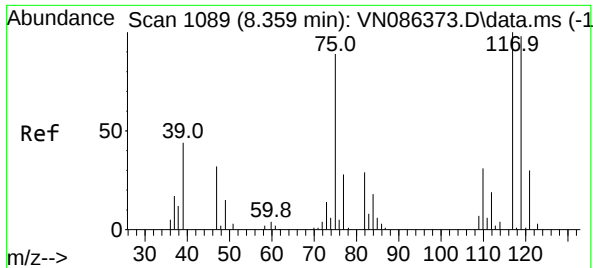
Tgt Ion: 77 Resp: 71297
Ion Ratio Lower Upper
77 100
97 22.2 18.2 27.2



#32
1,1,1-Trichloroethane
Concen: 19.757 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN086663.D
Acq: 16 May 2025 12:46

Tgt Ion: 97 Resp: 69934
Ion Ratio Lower Upper
97 100
99 63.5 52.6 79.0
61 44.6 36.4 54.6

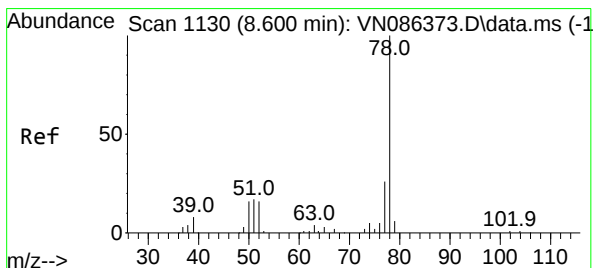
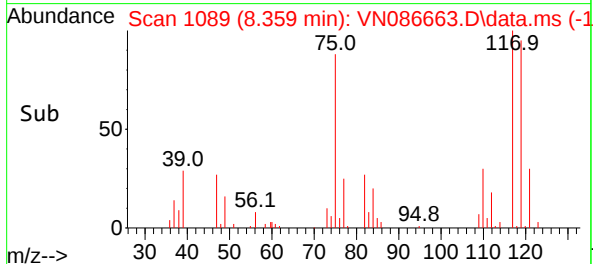
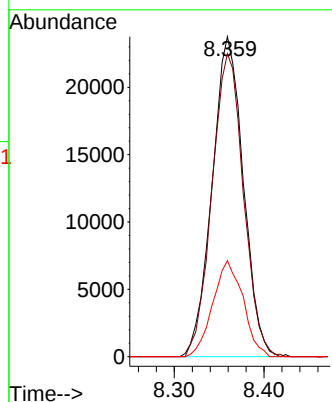
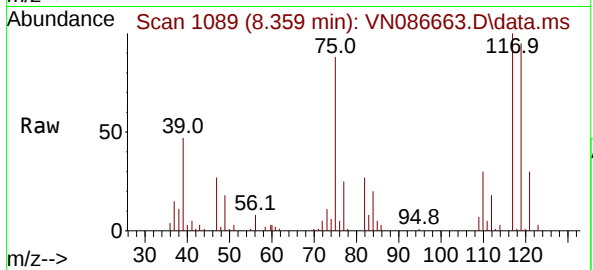




#33
Carbon Tetrachloride
Concen: 19.634 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VN086663.D
Acq: 16 May 2025 12:46

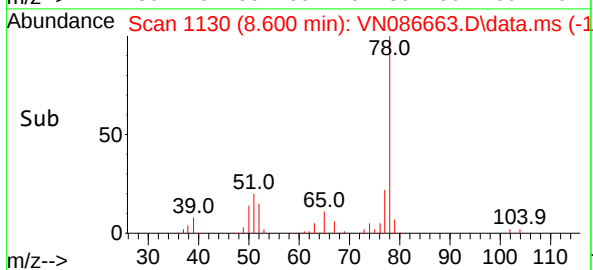
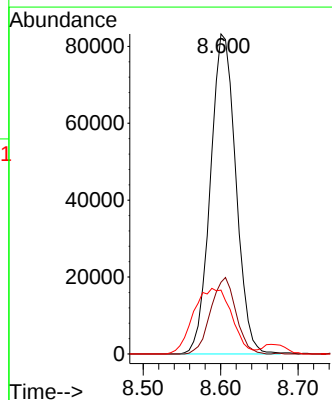
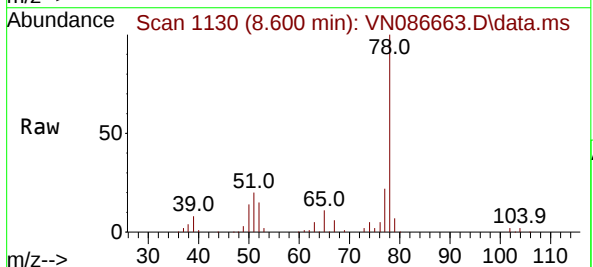
Instrument :
MSVOA_N
ClientSampleId :
VN0516WBSD01

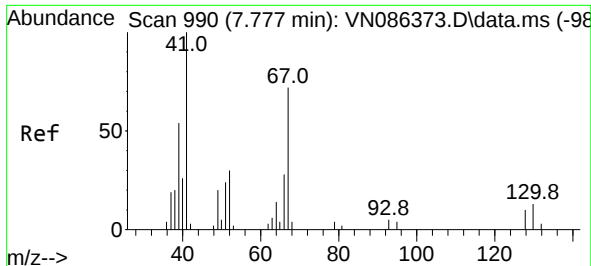
Tgt Ion:117 Resp: 57211
Ion Ratio Lower Upper
117 100
119 94.7 78.6 117.8
121 30.0 24.0 36.0



#34
Benzene
Concen: 20.112 ug/l
RT: 8.600 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VN086663.D
Acq: 16 May 2025 12:46

Tgt Ion: 78 Resp: 189486
Ion Ratio Lower Upper
78 100
77 22.4 20.8 31.2
51 17.4 14.0 21.0

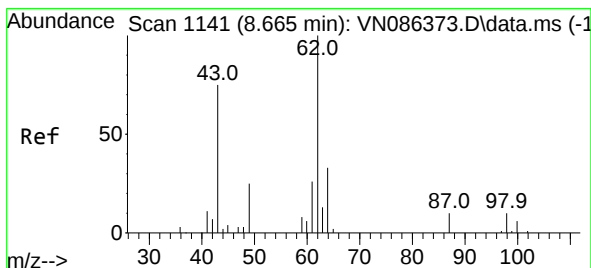
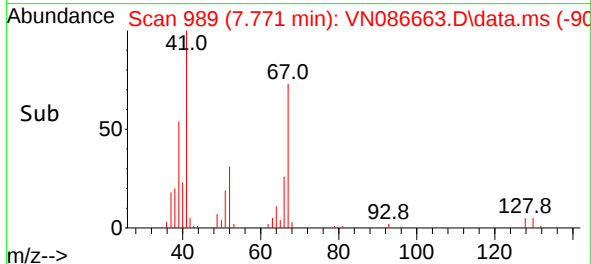
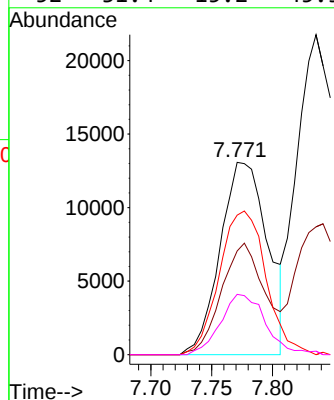
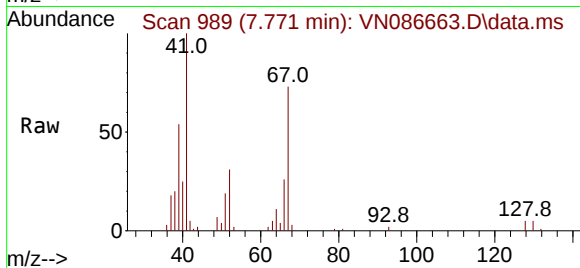




#35
Methacrylonitrile
Concen: 21.615 ug/l
RT: 7.771 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN086663.D
Acq: 16 May 2025 12:46

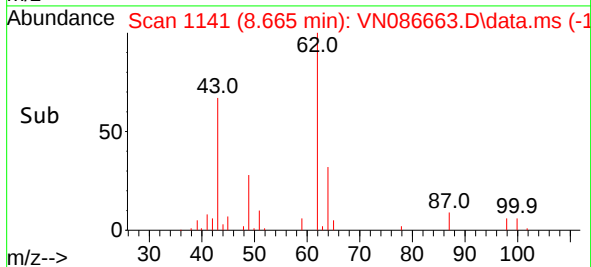
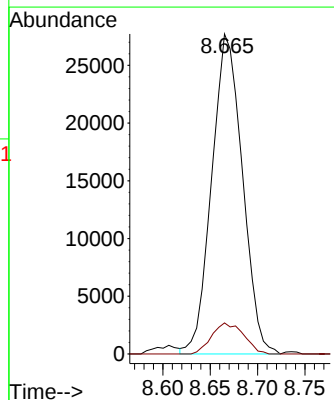
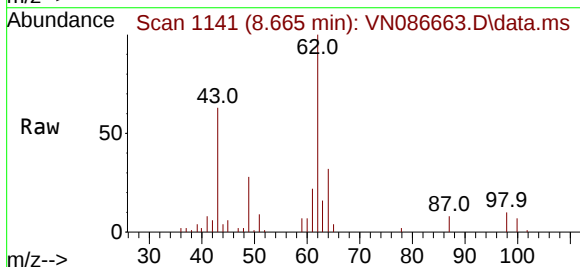
Instrument :
MSVOA_N
ClientSampleId :
VN0516WBSD01

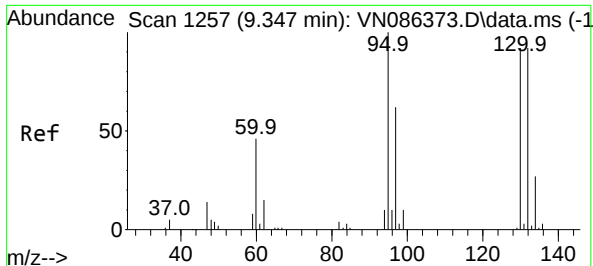
Tgt Ion:	41	Resp:	35450
Ion	Ratio	Lower	Upper
41	100		
39	53.9	27.0	80.8
67	72.5	35.8	107.3
52	31.4	15.2	45.5



#36
1,2-Dichloroethane
Concen: 20.397 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. 0.000 min
Lab File: VN086663.D
Acq: 16 May 2025 12:46

Tgt Ion:	62	Resp:	62391
Ion	Ratio	Lower	Upper
62	100		
98	10.1	7.6	11.4





#37

Trichloroethene

Concen: 19.646 ug/l

RT: 9.347 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN086663.D

Acq: 16 May 2025 12:46

Instrument :

MSVOA_N

ClientSampleId :

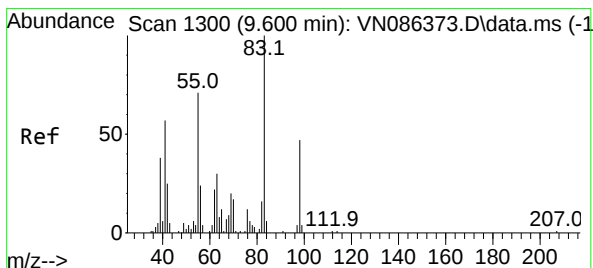
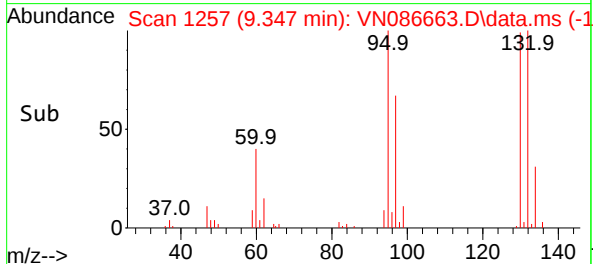
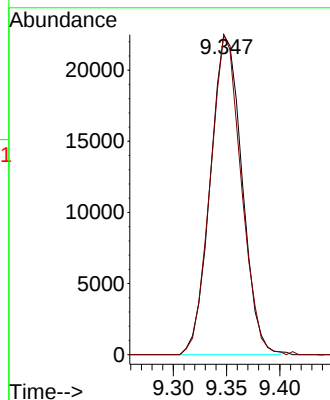
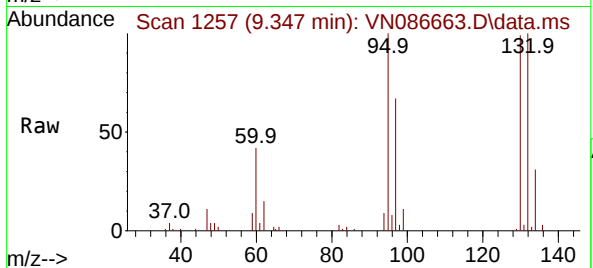
VN0516WBSD01

Tgt Ion:130 Resp: 46337

Ion Ratio Lower Upper

130 100

95 100.1 86.6 130.0



#38

Methylcyclohexane

Concen: 17.892 ug/l

RT: 9.600 min Scan# 1300

Delta R.T. 0.000 min

Lab File: VN086663.D

Acq: 16 May 2025 12:46

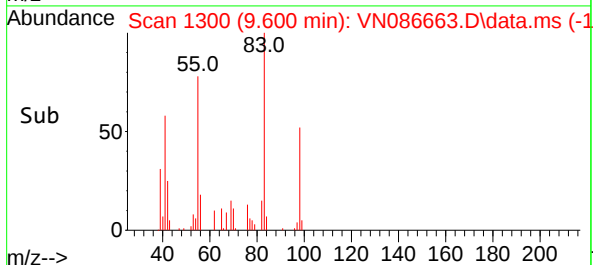
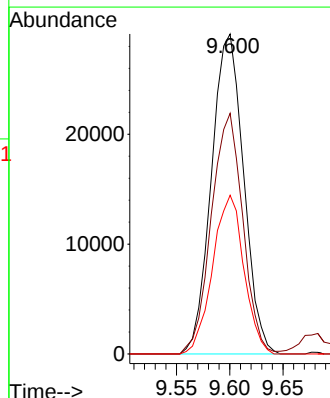
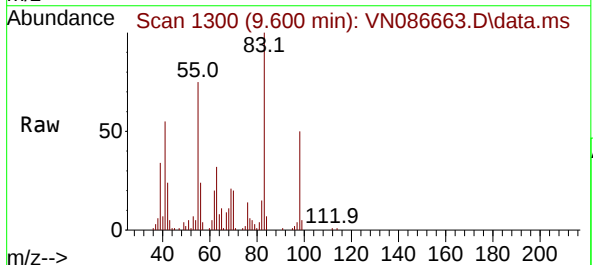
Tgt Ion: 83 Resp: 61208

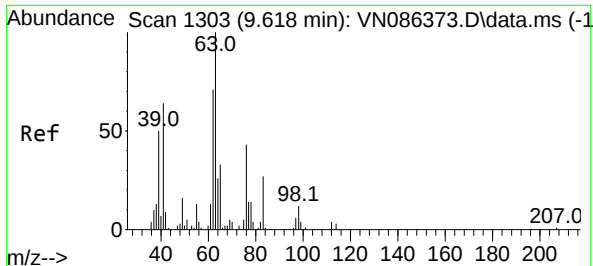
Ion Ratio Lower Upper

83 100

55 73.4 37.3 111.9

98 48.3 23.8 71.5





#39

1,2-Dichloropropane

Concen: 19.924 ug/l

RT: 9.618 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN086663.D

Acq: 16 May 2025 12:46

Instrument :

MSVOA_N

ClientSampleId :

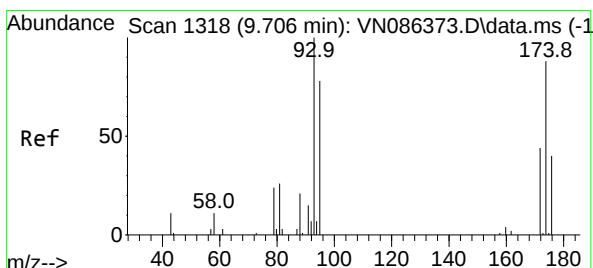
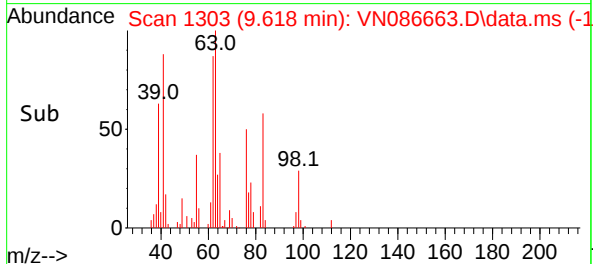
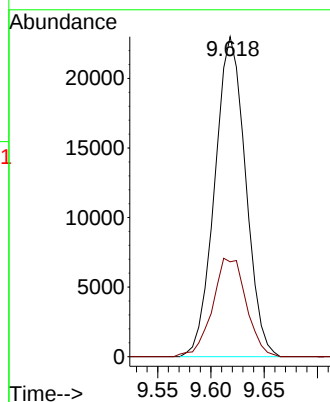
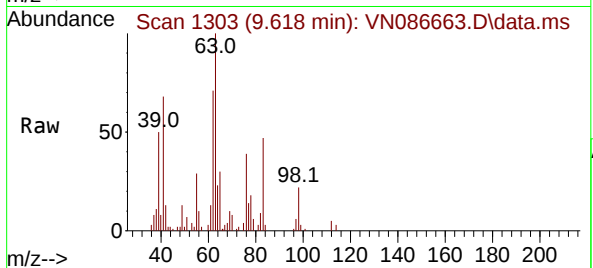
VN0516WBSD01

Tgt Ion: 63 Resp: 46373

Ion Ratio Lower Upper

63 100

65 29.6 26.7 40.1



#40

Dibromomethane

Concen: 20.802 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. 0.000 min

Lab File: VN086663.D

Acq: 16 May 2025 12:46

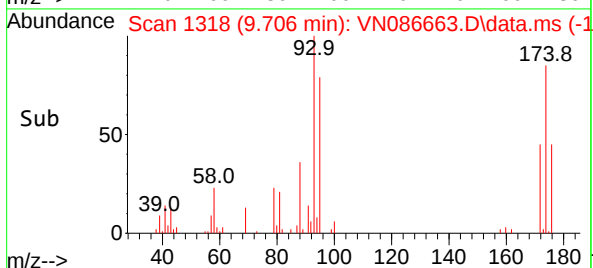
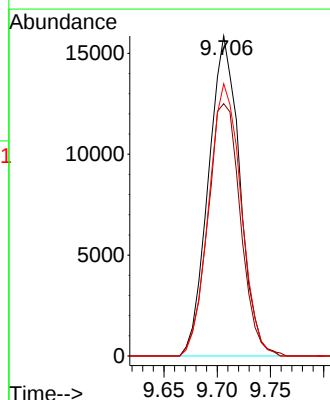
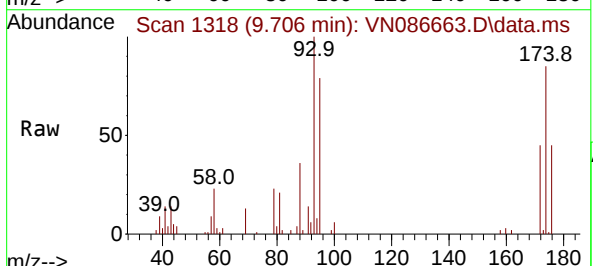
Tgt Ion: 93 Resp: 32378

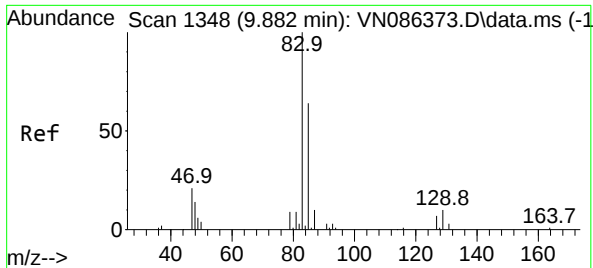
Ion Ratio Lower Upper

93 100

95 82.5 0.0 159.2

174 87.8 0.0 171.4

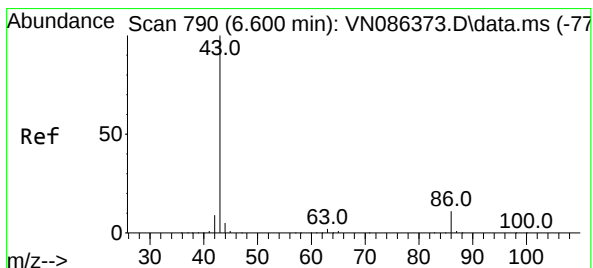
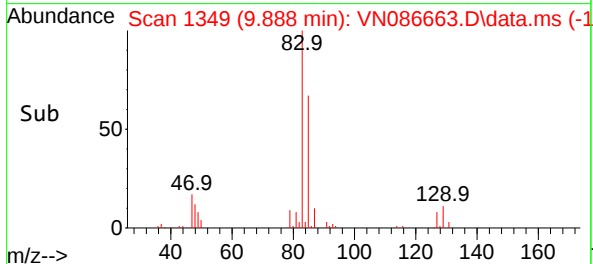
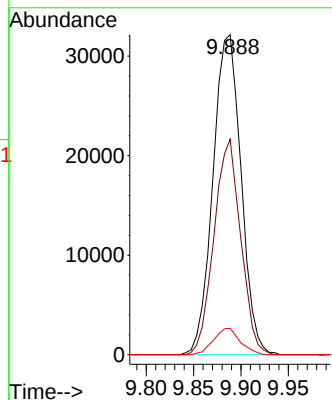
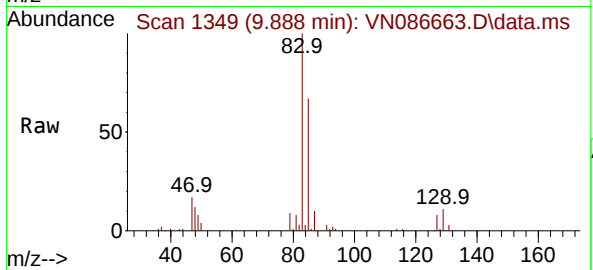




#41
Bromodichloromethane
Concen: 20.182 ug/l
RT: 9.888 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN086663.D
Acq: 16 May 2025 12:46

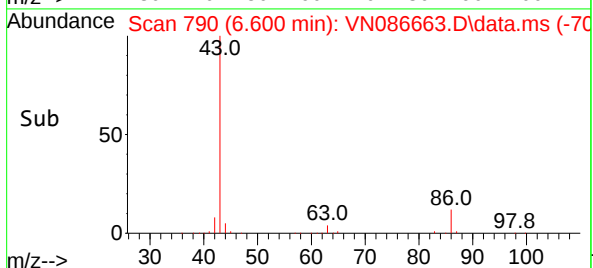
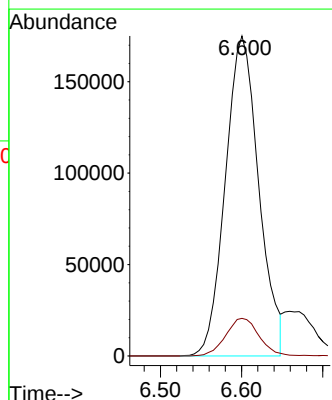
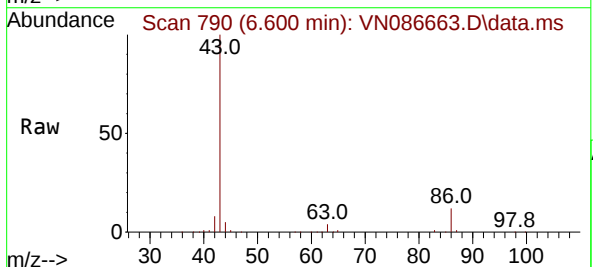
Instrument :
MSVOA_N
ClientSampleId :
VN0516WBSD01

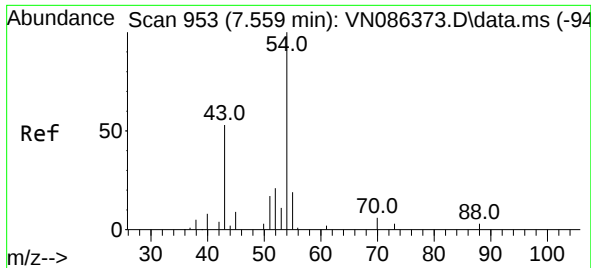
Tgt Ion: 83 Resp: 66477
Ion Ratio Lower Upper
83 100
85 67.3 51.1 76.7
127 8.2 5.9 8.9



#42
Vinyl Acetate
Concen: 100.692 ug/l
RT: 6.600 min Scan# 790
Delta R.T. 0.000 min
Lab File: VN086663.D
Acq: 16 May 2025 12:46

Tgt Ion: 43 Resp: 501487
Ion Ratio Lower Upper
43 100
86 11.7 8.9 13.3

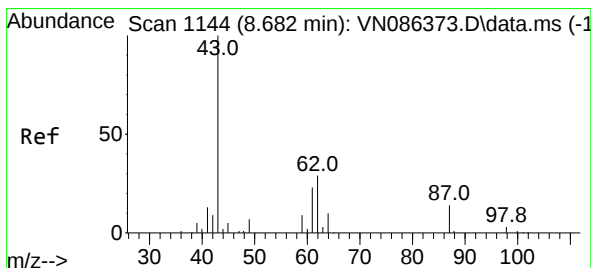
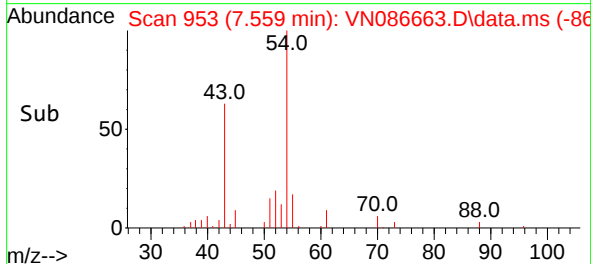
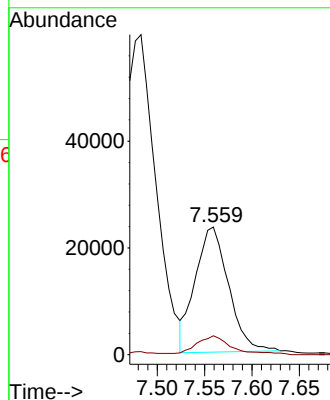
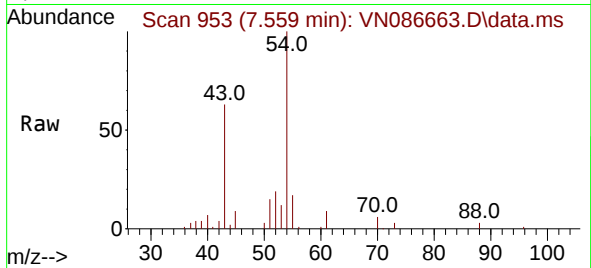




#43
Ethyl Acetate
Concen: 20.185 ug/l
RT: 7.559 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN086663.D
Acq: 16 May 2025 12:46

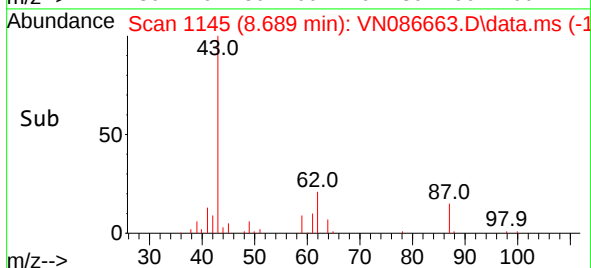
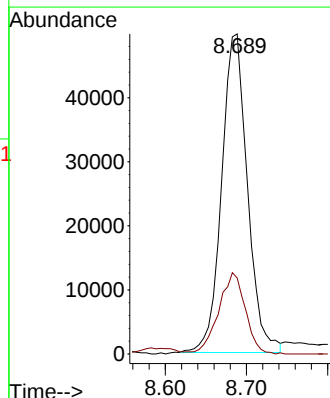
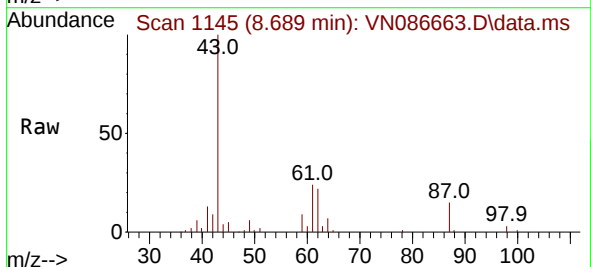
Instrument :
MSVOA_N
ClientSampleId :
VN0516WBSD01

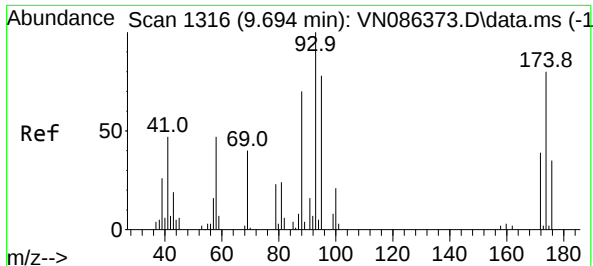
Tgt Ion: 43 Resp: 57430
Ion Ratio Lower Upper
43 100
45 12.6 11.4 17.2



#44
Isopropyl Acetate
Concen: 20.378 ug/l
RT: 8.689 min Scan# 1145
Delta R.T. 0.006 min
Lab File: VN086663.D
Acq: 16 May 2025 12:46

Tgt Ion: 43 Resp: 110043
Ion Ratio Lower Upper
43 100
61 26.3 21.0 31.4





#45

1,4-Dioxane

Concen: 481.083 ug/l

RT: 9.694 min Scan# 1316

Delta R.T. 0.000 min

Lab File: VN086663.D

Acq: 16 May 2025 12:46

Instrument :

MSVOA_N

ClientSampleId :

VN0516WBSD01

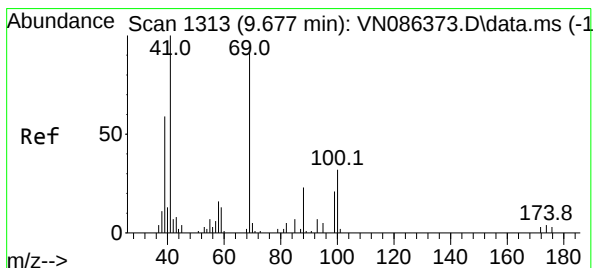
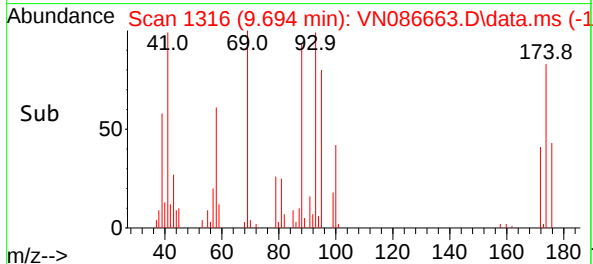
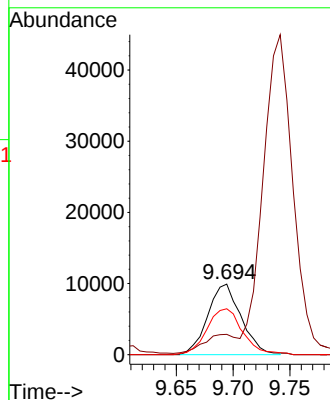
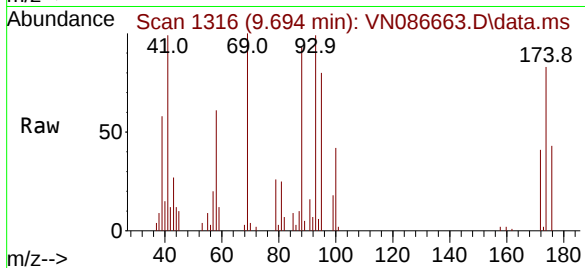
Tgt Ion: 88 Resp: 20269

Ion Ratio Lower Upper

88 100

43 29.9 24.9 37.3

58 69.6 57.8 86.8



#46

Methyl methacrylate

Concen: 19.385 ug/l

RT: 9.677 min Scan# 1313

Delta R.T. 0.000 min

Lab File: VN086663.D

Acq: 16 May 2025 12:46

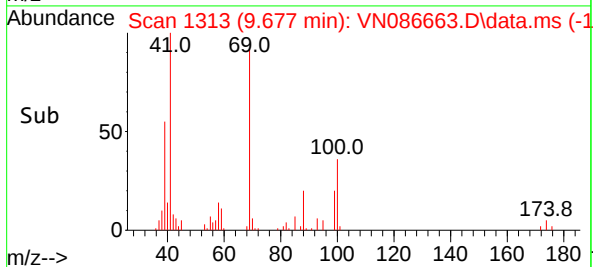
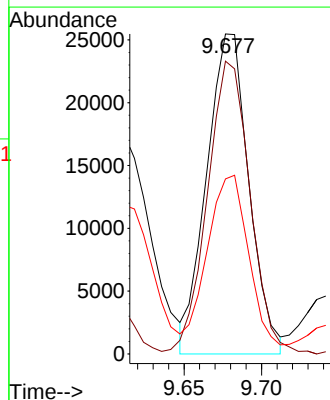
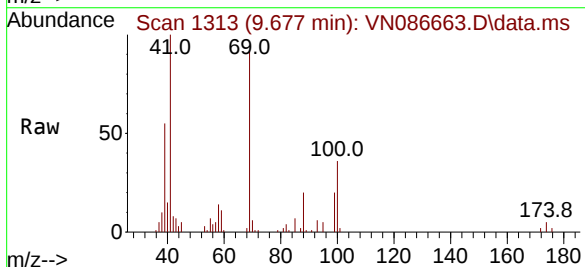
Tgt Ion: 41 Resp: 48285

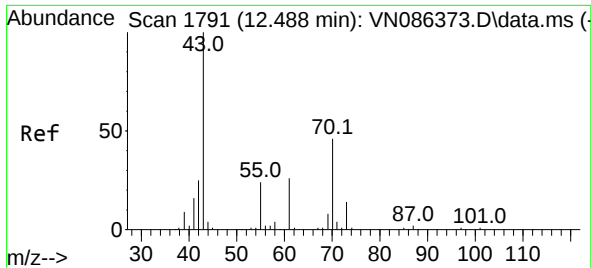
Ion Ratio Lower Upper

41 100

69 92.9 44.1 132.3

39 54.8 30.0 90.1

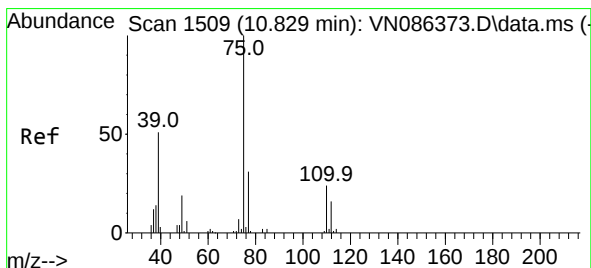
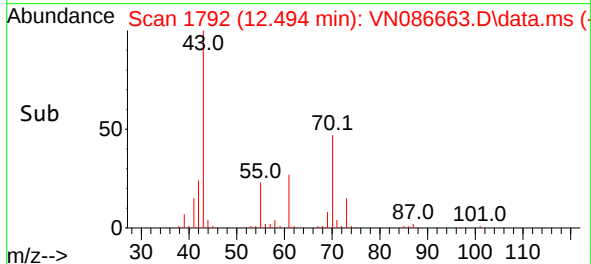
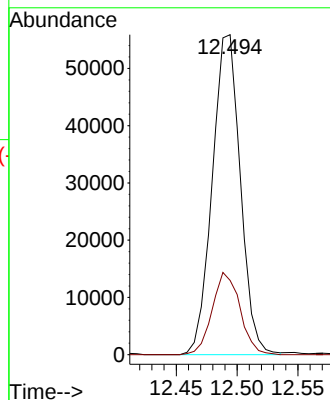
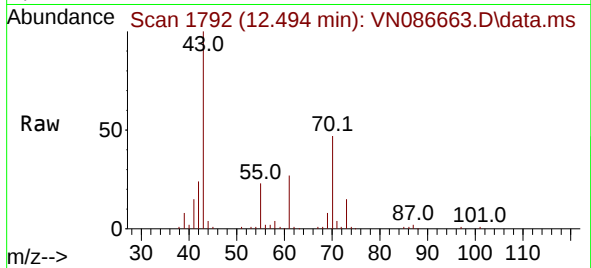




#47
n-amy1 Acetate
Concen: 19.491 ug/l
RT: 12.494 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN086663.D
Acq: 16 May 2025 12:46

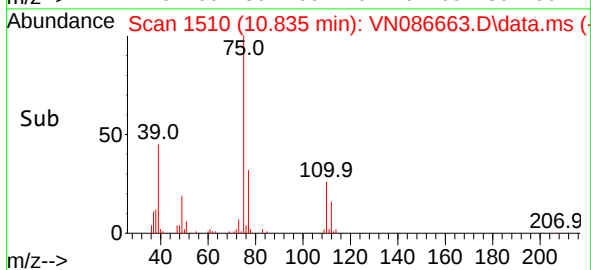
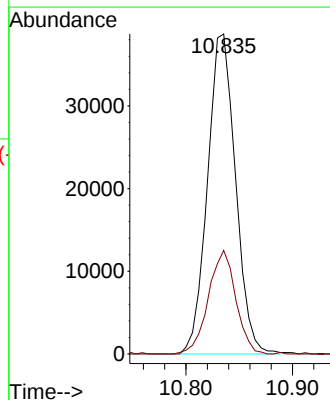
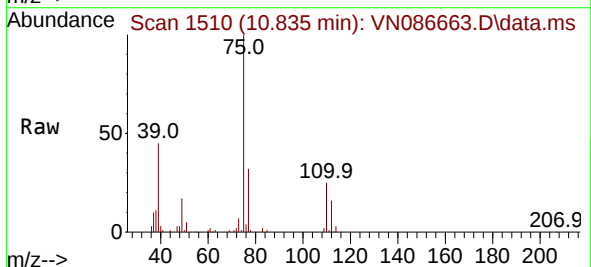
Instrument :
MSVOA_N
ClientSampleId :
VN0516WBSD01

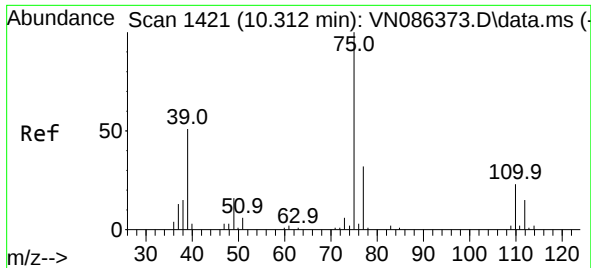
Tgt Ion: 43 Resp: 89706
Ion Ratio Lower Upper
43 100
55 25.4 19.4 29.0



#48
t-1,3-Dichloropropene
Concen: 19.218 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. 0.006 min
Lab File: VN086663.D
Acq: 16 May 2025 12:46

Tgt Ion: 75 Resp: 70769
Ion Ratio Lower Upper
75 100
77 31.9 24.4 36.6

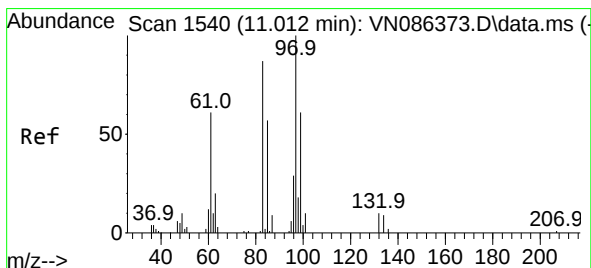
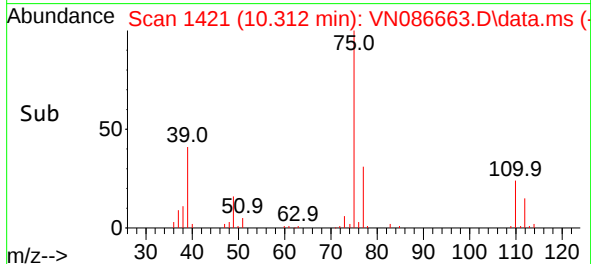
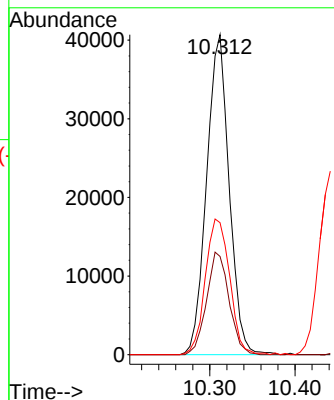
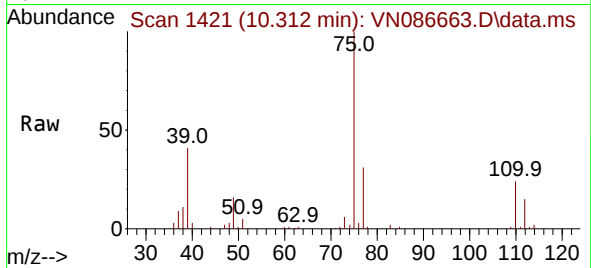




#49
 cis-1,3-Dichloropropene
 Concen: 19.261 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. 0.000 min
 Lab File: VN086663.D
 Acq: 16 May 2025 12:46

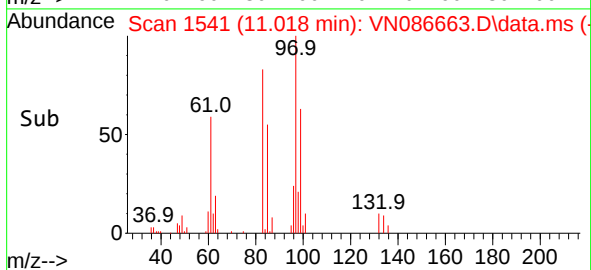
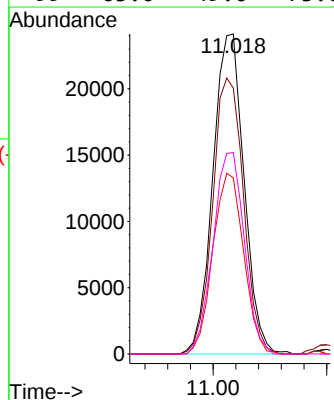
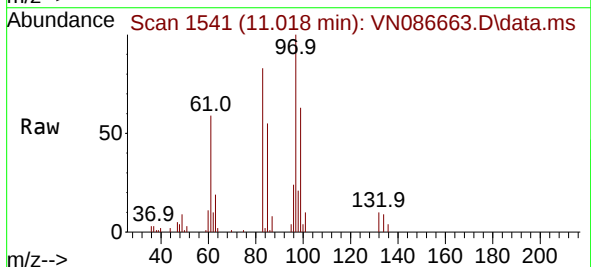
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0516WBSD01

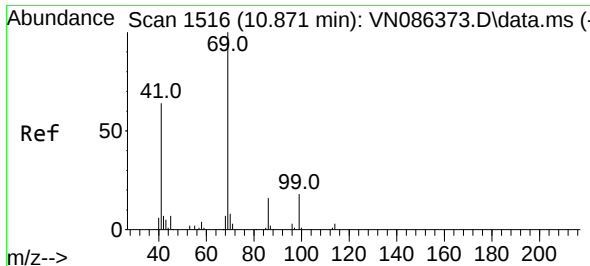
Tgt Ion:	75	Resp:	74796
Ion	Ratio	Lower	Upper
75	100		
77	30.7	25.6	38.4
39	41.2	40.6	60.8



#50
 1,1,2-Trichloroethane
 Concen: 21.135 ug/l
 RT: 11.018 min Scan# 1541
 Delta R.T. 0.006 min
 Lab File: VN086663.D
 Acq: 16 May 2025 12:46

Tgt Ion:	97	Resp:	45950
Ion	Ratio	Lower	Upper
97	100		
83	83.1	69.3	103.9
85	55.1	45.5	68.3
99	63.0	49.0	73.6

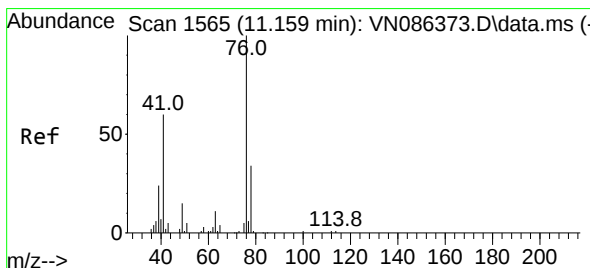
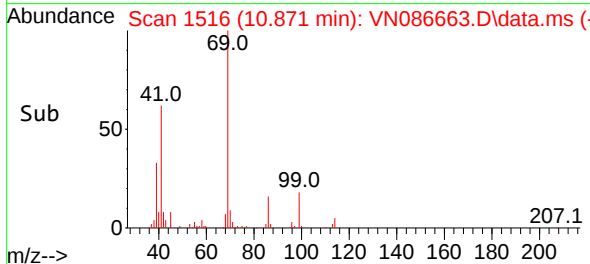
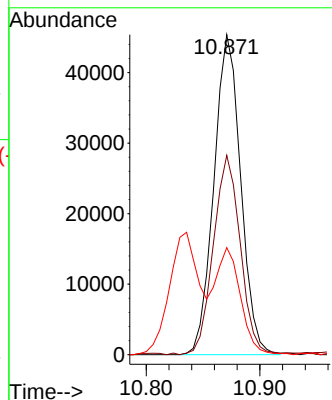
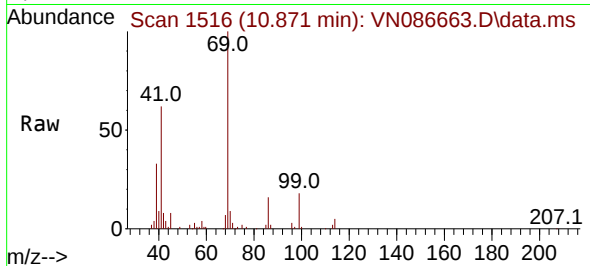




#51
Ethyl methacrylate
Concen: 19.669 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VN086663.D
Acq: 16 May 2025 12:46

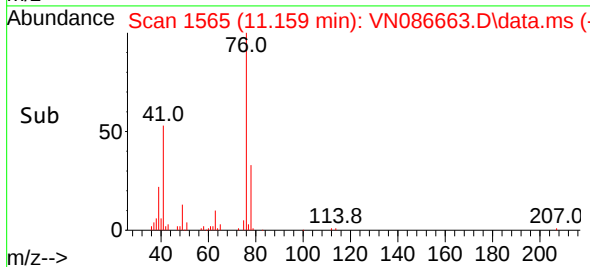
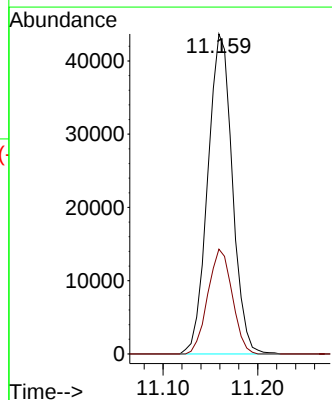
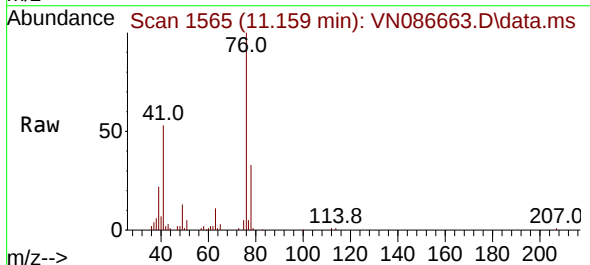
Instrument :
MSVOA_N
ClientSampleId :
VN0516WBSD01

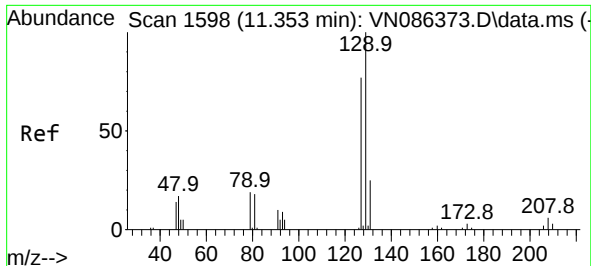
Tgt Ion: 69 Resp: 74477
Ion Ratio Lower Upper
69 100
41 62.3 32.3 96.8
39 33.1 19.1 57.1



#52
1,3-Dichloropropane
Concen: 20.499 ug/l
RT: 11.159 min Scan# 1565
Delta R.T. 0.000 min
Lab File: VN086663.D
Acq: 16 May 2025 12:46

Tgt Ion: 76 Resp: 78765
Ion Ratio Lower Upper
76 100
78 32.4 0.0 65.6

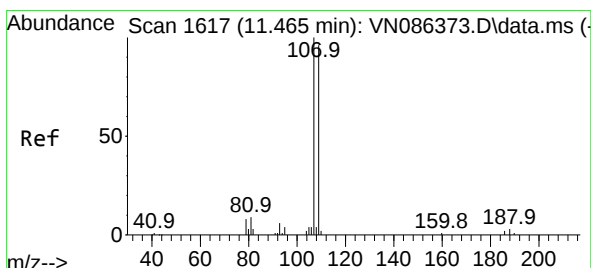
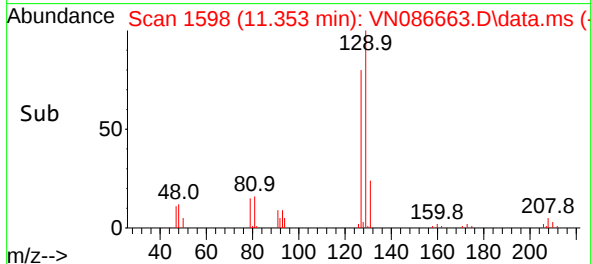
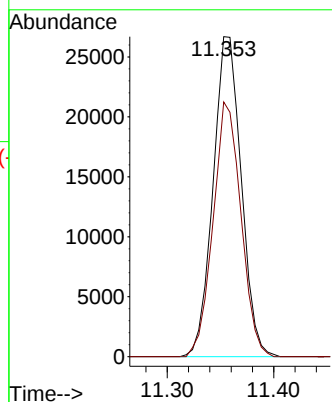
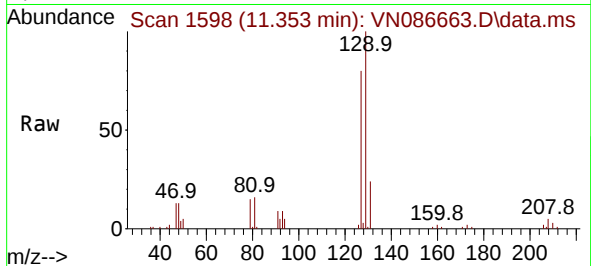




#53
Dibromochloromethane
Concen: 20.080 ug/l
RT: 11.353 min Scan# 1598
Delta R.T. 0.000 min
Lab File: VN086663.D
Acq: 16 May 2025 12:46

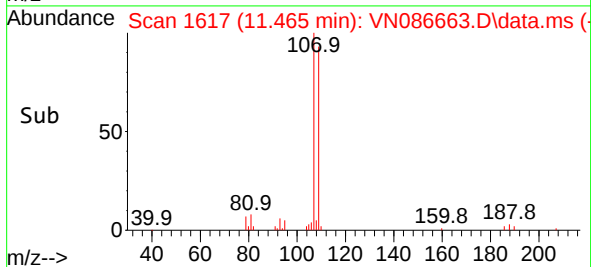
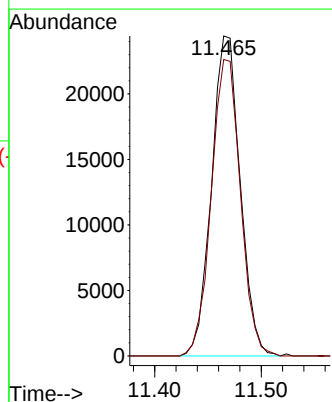
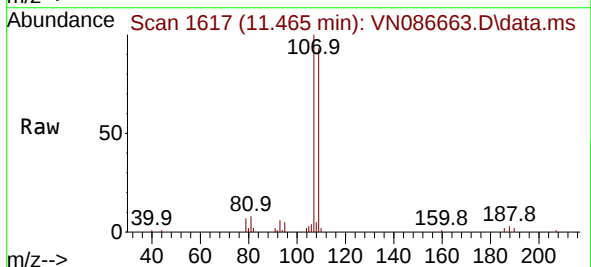
Instrument :
MSVOA_N
ClientSampleId :
VN0516WBSD01

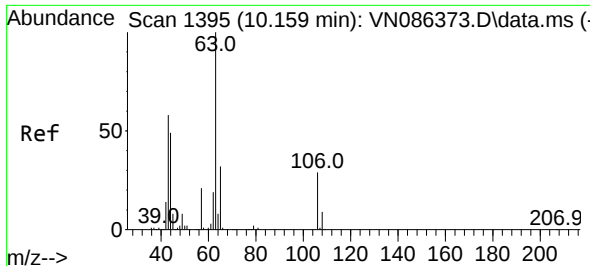
Tgt Ion:129 Resp: 49021
Ion Ratio Lower Upper
129 100
127 78.6 38.8 116.3



#54
1,2-Dibromoethane
Concen: 20.613 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. 0.000 min
Lab File: VN086663.D
Acq: 16 May 2025 12:46

Tgt Ion:107 Resp: 45566
Ion Ratio Lower Upper
107 100
109 94.1 75.4 113.0

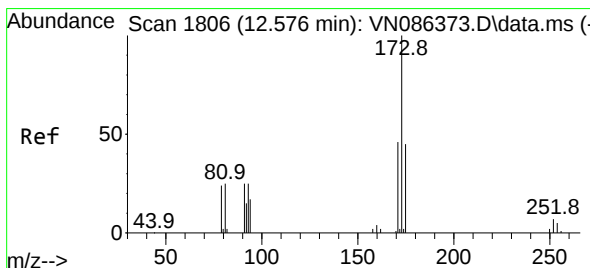
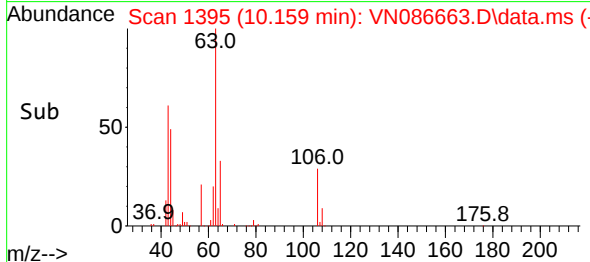
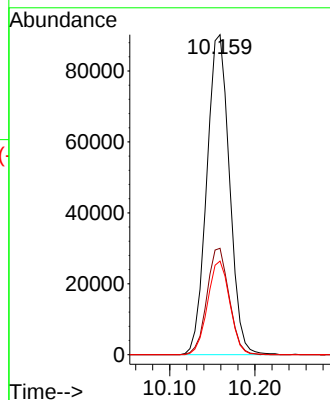
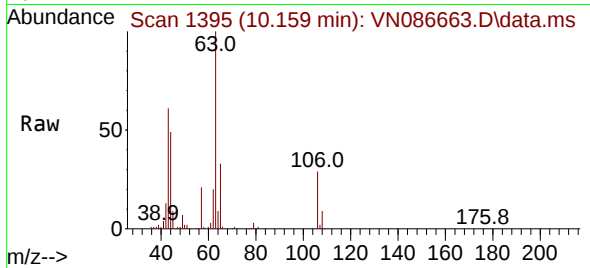




#55
2-Chloroethyl vinyl ether
Concen: 93.829 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. 0.000 min
Lab File: VN086663.D
Acq: 16 May 2025 12:46

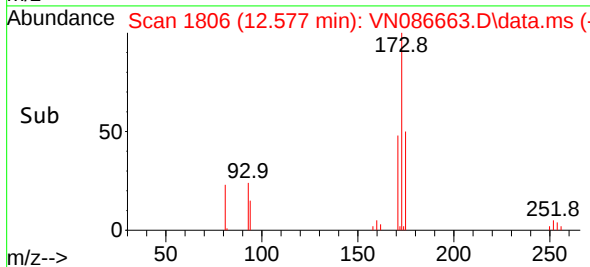
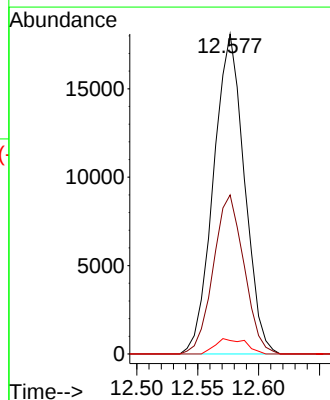
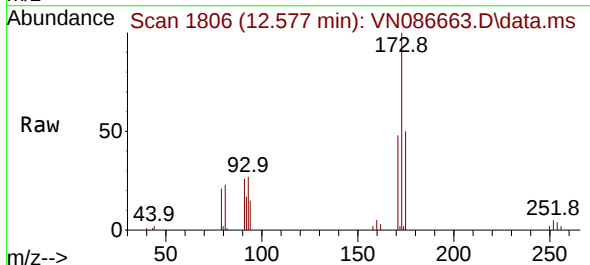
Instrument :
MSVOA_N
ClientSampleId :
VN0516WBSD01

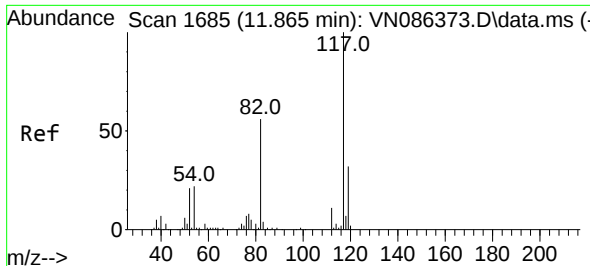
Tgt Ion: 63 Resp: 167035
Ion Ratio Lower Upper
63 100
65 32.5 25.7 38.5
106 28.6 22.3 33.5



#56
Bromoform
Concen: 20.168 ug/l
RT: 12.577 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VN086663.D
Acq: 16 May 2025 12:46

Tgt Ion: 173 Resp: 31950
Ion Ratio Lower Upper
173 100
175 49.3 39.0 58.6
254 3.4 3.8 5.6#

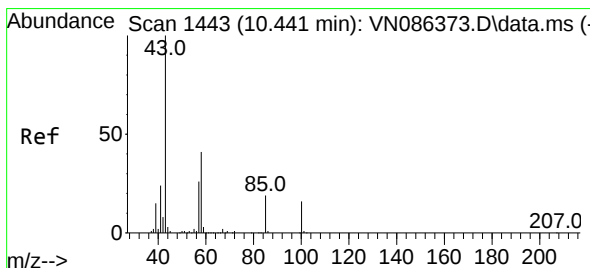
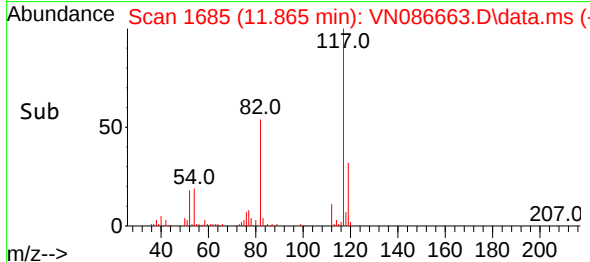
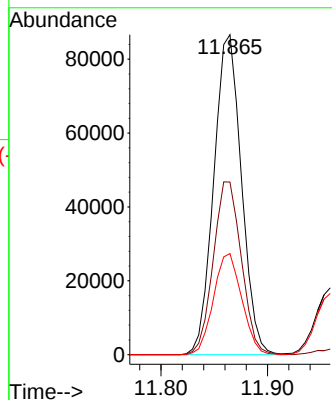
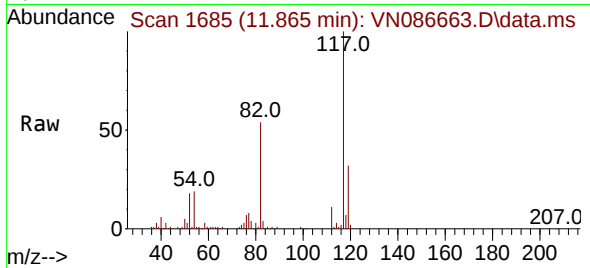




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 1170
Delta R.T. 0.000 min
Lab File: VN086663.D
Acq: 16 May 2025 12:46

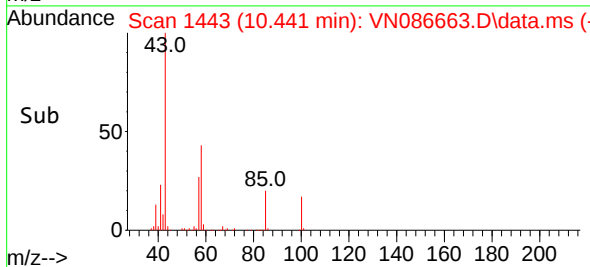
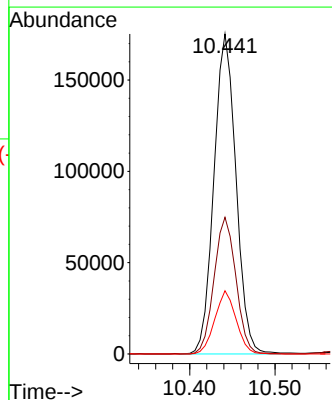
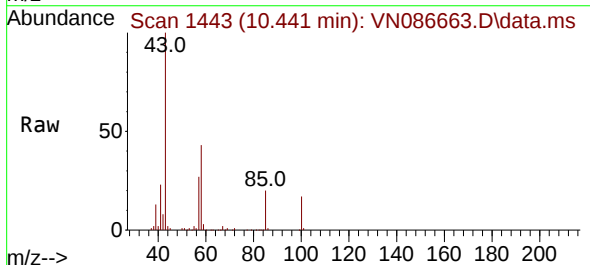
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MSVOA_N
ClientSampleId :
VN0516WBSD01

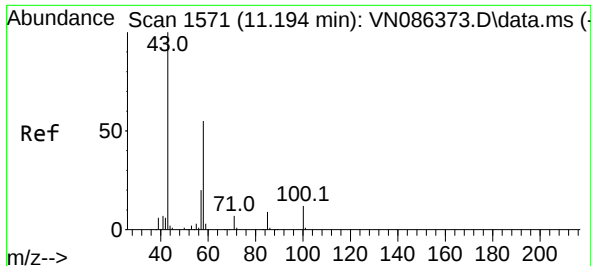
Tgt Ion:117 Resp: 156348
Ion Ratio Lower Upper
117 100
82 55.0 45.5 68.3
119 32.3 25.9 38.9



#58
4-Methyl-2-Pentanone
Concen: 104.151 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN086663.D
Acq: 16 May 2025 12:46

Tgt Ion: 43 Resp: 315116
Ion Ratio Lower Upper
43 100
58 42.3 33.0 49.6
85 19.1 14.9 22.3

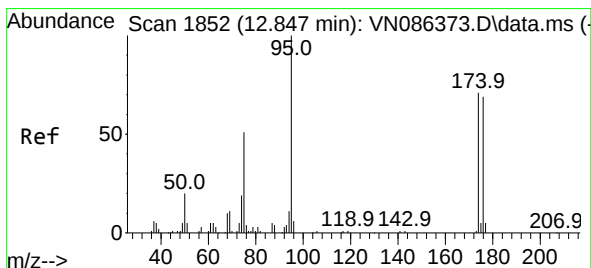
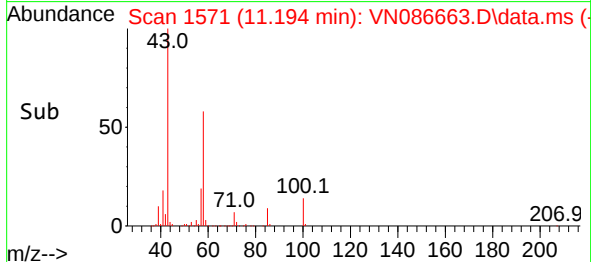
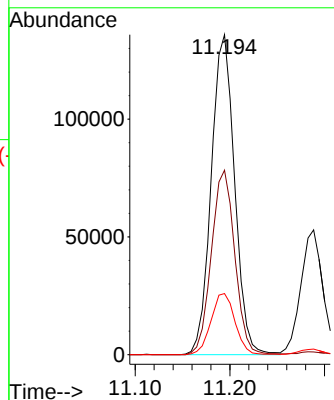
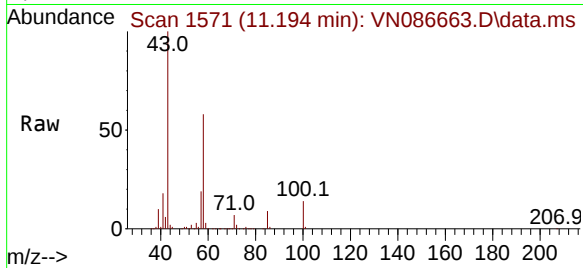




#59
2-Hexanone
Concen: 104.454 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VN086663.D
Acq: 16 May 2025 12:46

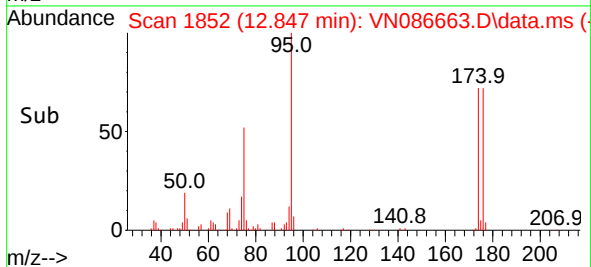
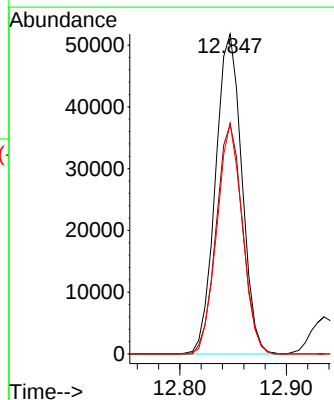
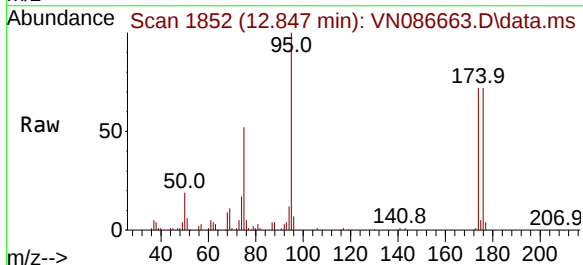
Instrument :
MSVOA_N
ClientSampleId :
VN0516WBSD01

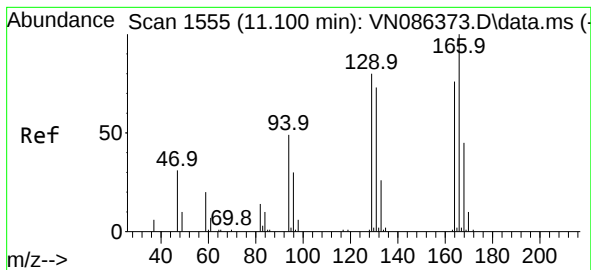
Tgt Ion: 43 Resp: 232893
Ion Ratio Lower Upper
43 100
58 57.9 45.0 67.6
57 19.6 15.5 23.3



#60
4-Bromofluorobenzene
Concen: 28.927 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN086663.D
Acq: 16 May 2025 12:46

Tgt Ion: 95 Resp: 88889
Ion Ratio Lower Upper
95 100
174 71.7 56.6 84.8
176 69.6 53.3 79.9

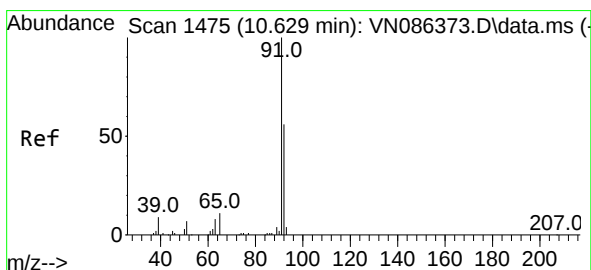
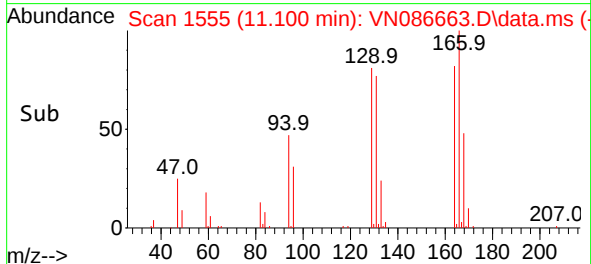
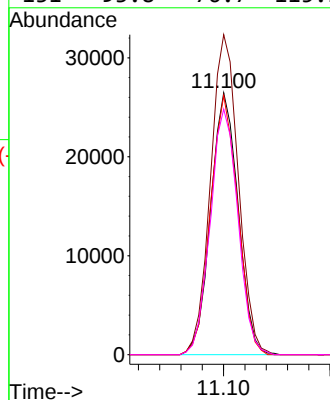
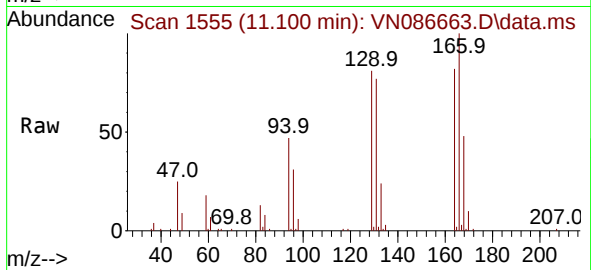




#61
Tetrachloroethene
Concen: 19.878 ug/l
RT: 11.100 min Scan# 1155
Delta R.T. 0.000 min
Lab File: VN086663.D
Acq: 16 May 2025 12:46

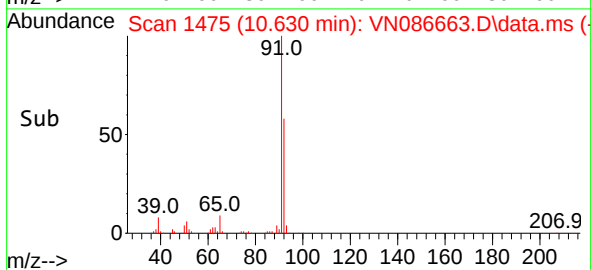
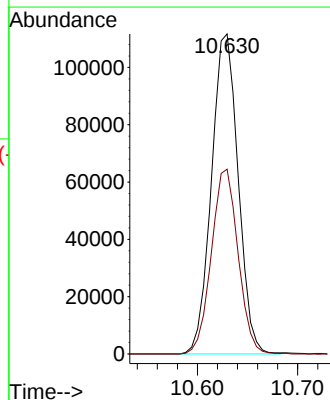
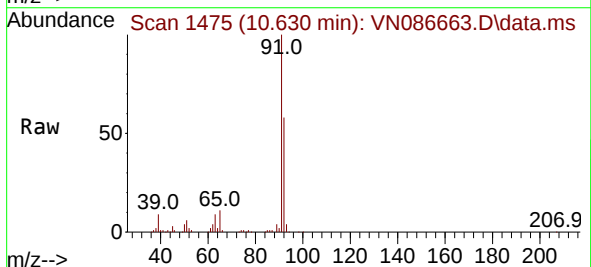
Instrument :
MSVOA_N
ClientSampleId :
VN0516WBSD01

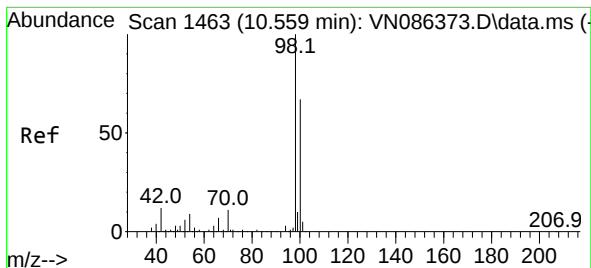
Tgt Ion:164 Resp: 47402
Ion Ratio Lower Upper
164 100
166 122.2 105.0 157.4
129 98.9 83.9 125.9
131 93.8 76.7 115.1



#62
Toluene
Concen: 19.732 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN086663.D
Acq: 16 May 2025 12:46

Tgt Ion: 91 Resp: 206502
Ion Ratio Lower Upper
91 100
92 57.7 45.7 68.5





#63

Toluene-d8

Concen: 29.533 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.006 min

Lab File: VN086663.D

Acq: 16 May 2025 12:46

Instrument :

MSVOA_N

ClientSampleId :

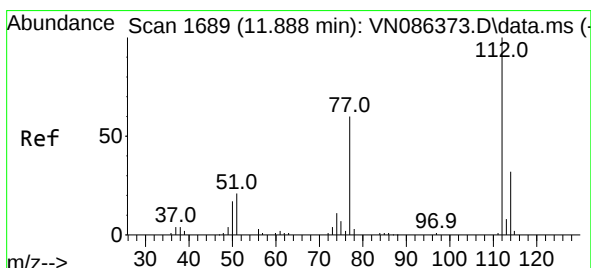
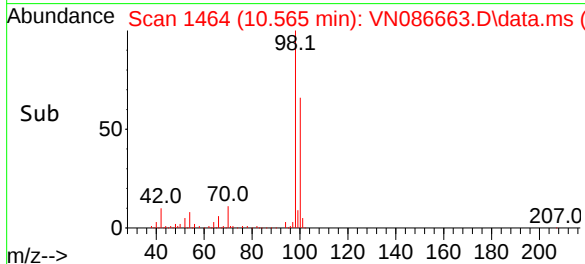
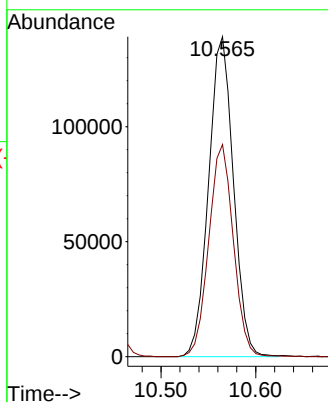
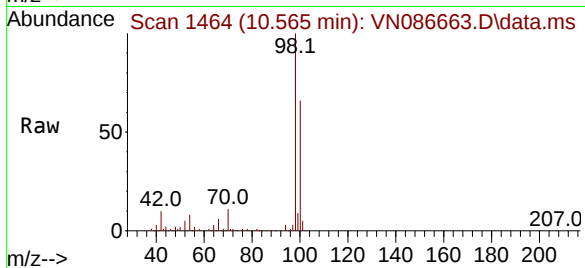
VN0516WBSD01

Tgt Ion: 98 Resp: 254023

Ion Ratio Lower Upper

98 100

100 65.6 53.1 79.7



#64

Chlorobenzene

Concen: 20.137 ug/l

RT: 11.888 min Scan# 1689

Delta R.T. 0.000 min

Lab File: VN086663.D

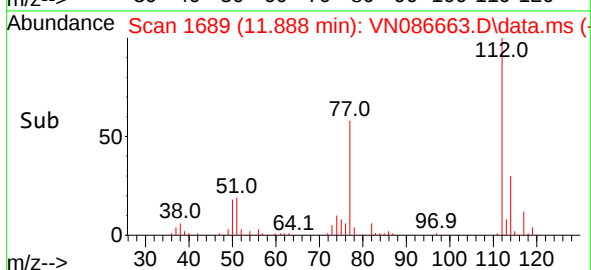
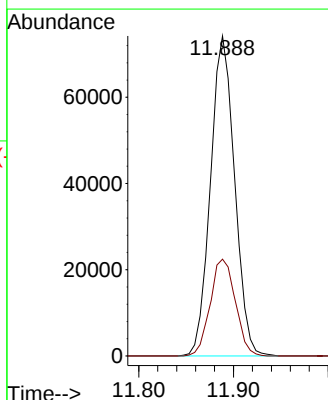
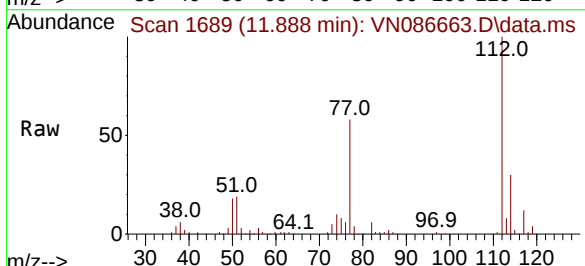
Acq: 16 May 2025 12:46

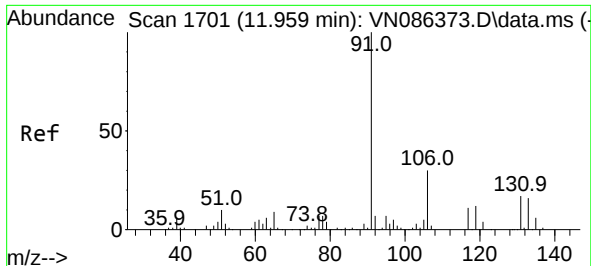
Tgt Ion: 112 Resp: 131310

Ion Ratio Lower Upper

112 100

114 30.2 25.6 38.4

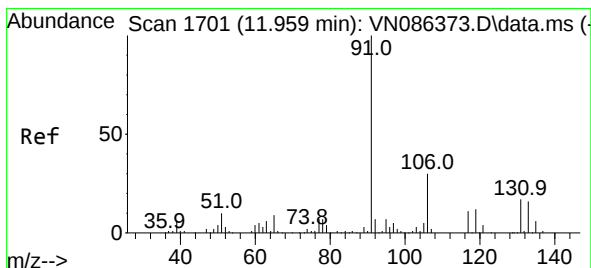
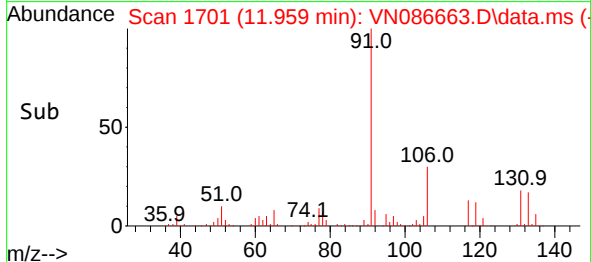
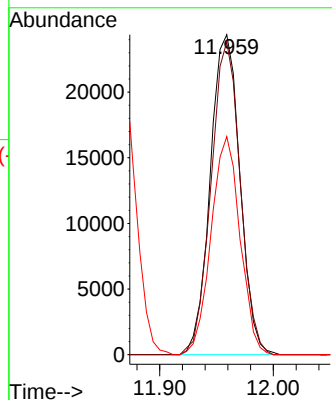
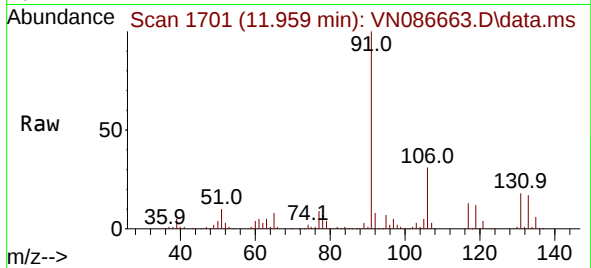




#65
 1,1,1,2-Tetrachloroethane
 Concen: 20.277 ug/l
 RT: 11.959 min Scan# 1701
 Delta R.T. 0.000 min
 Lab File: VN086663.D
 Acq: 16 May 2025 12:46

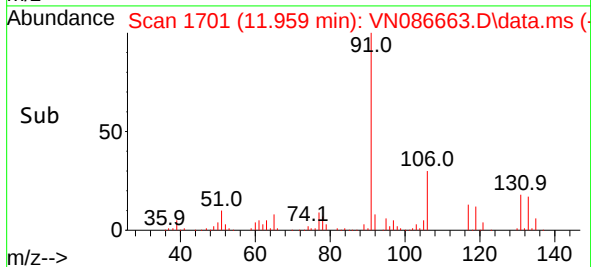
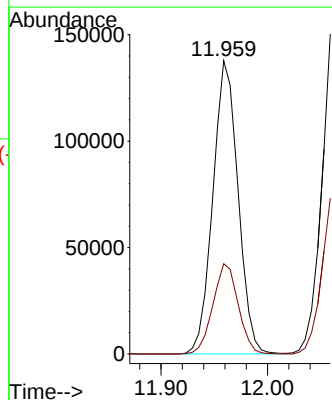
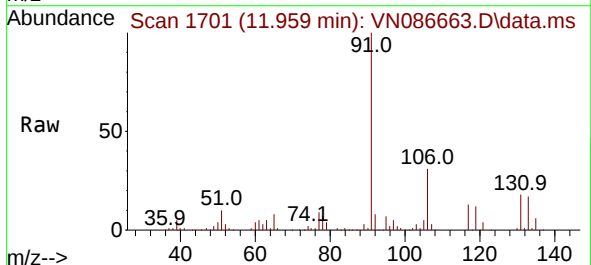
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0516WBSD01

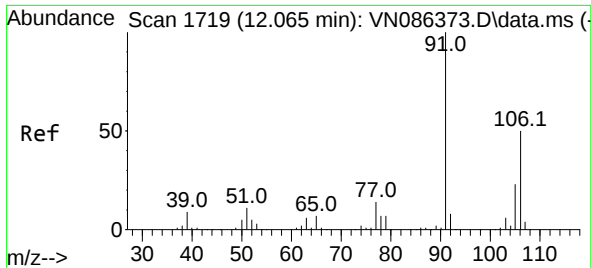
Tgt Ion:131 Resp: 44211
 Ion Ratio Lower Upper
 131 100
 133 95.9 0.0 191.4
 119 66.5 0.0 133.6



#66
 Ethyl Benzene
 Concen: 19.198 ug/l
 RT: 11.959 min Scan# 1701
 Delta R.T. 0.000 min
 Lab File: VN086663.D
 Acq: 16 May 2025 12:46

Tgt Ion: 91 Resp: 226147
 Ion Ratio Lower Upper
 91 100
 106 30.7 24.3 36.5

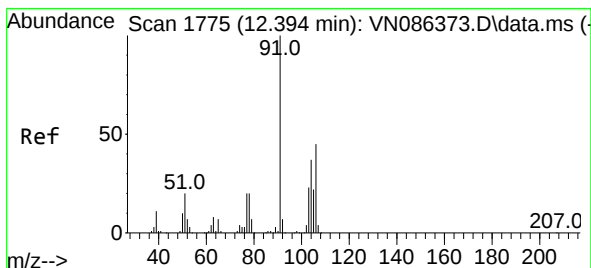
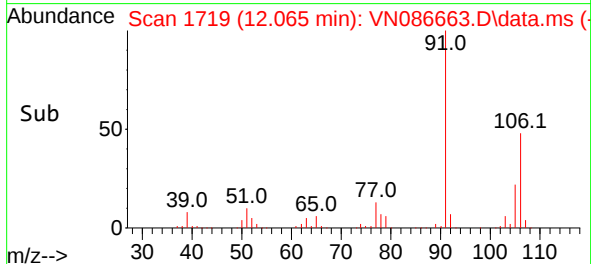
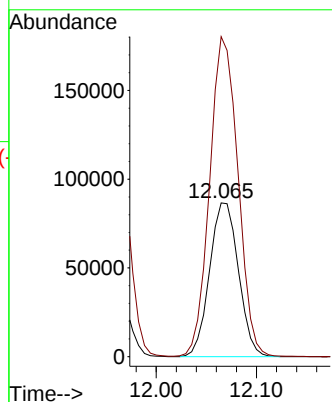
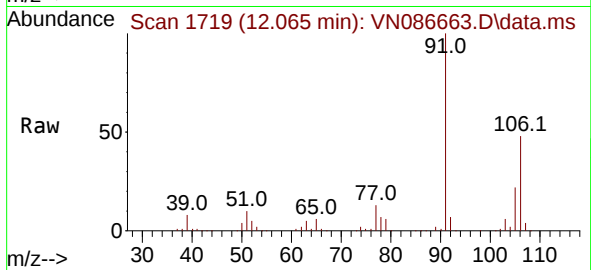




#67
m/p-Xylenes
Concen: 38.767 ug/l
RT: 12.065 min Scan# 1719
Delta R.T. 0.000 min
Lab File: VN086663.D
Acq: 16 May 2025 12:46

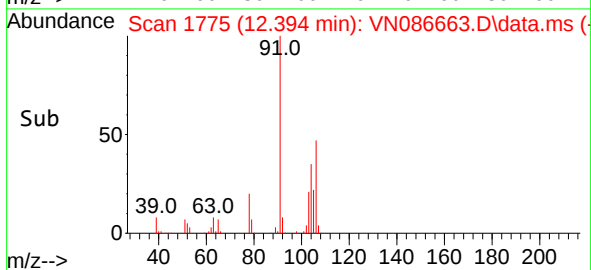
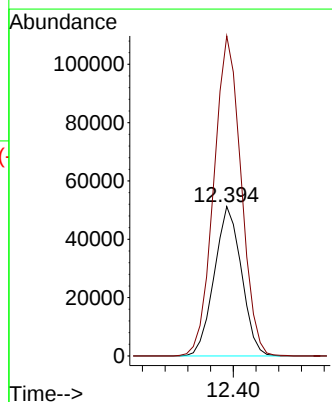
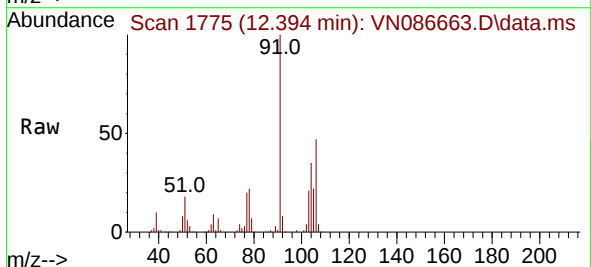
Instrument :
MSVOA_N
ClientSampleId :
VN0516WBSD01

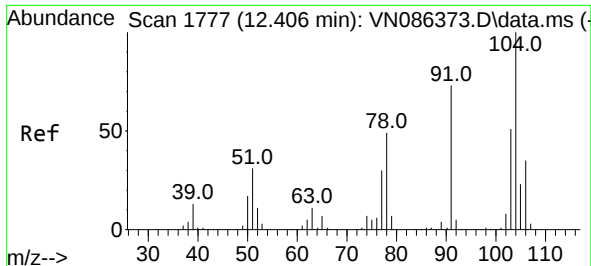
Tgt Ion:106 Resp: 173274
Ion Ratio Lower Upper
106 100
91 204.6 162.6 243.8



#68
o-Xylene
Concen: 19.475 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN086663.D
Acq: 16 May 2025 12:46

Tgt Ion:106 Resp: 85228
Ion Ratio Lower Upper
106 100
91 214.8 110.6 331.6

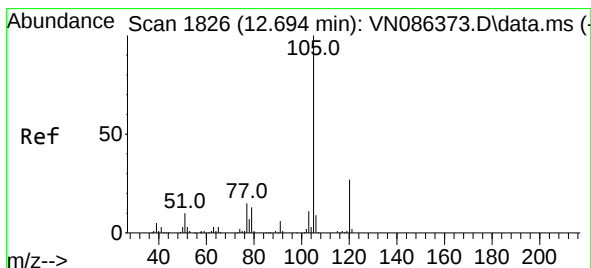
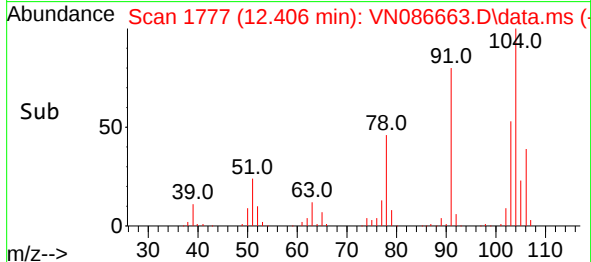
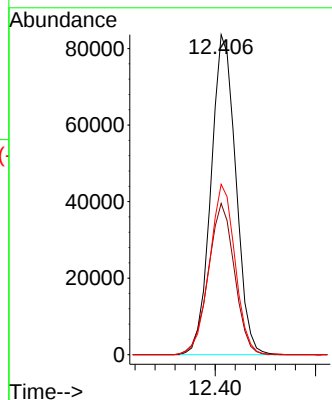
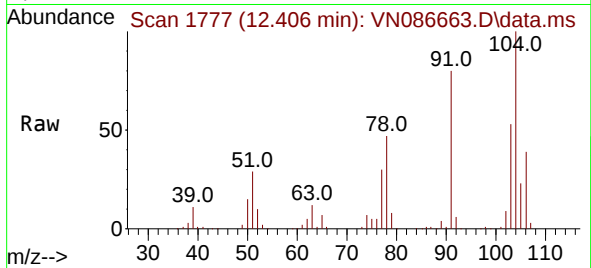




#69
Styrene
Concen: 19.368 ug/l
RT: 12.406 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN086663.D
Acq: 16 May 2025 12:46

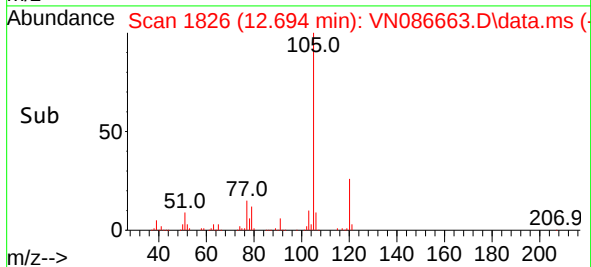
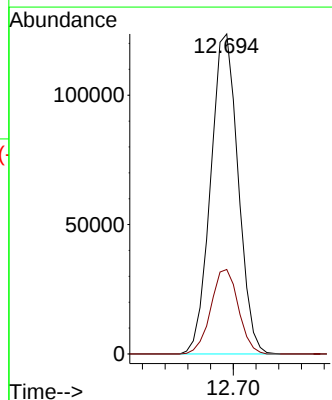
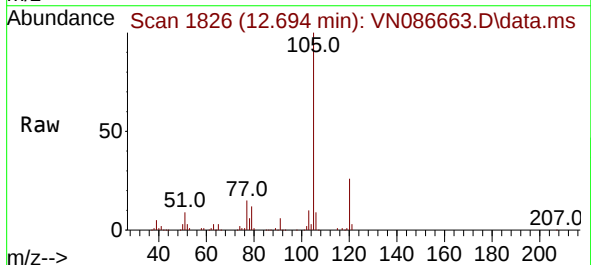
Instrument :
MSVOA_N
ClientSampleId :
VN0516WBSD01

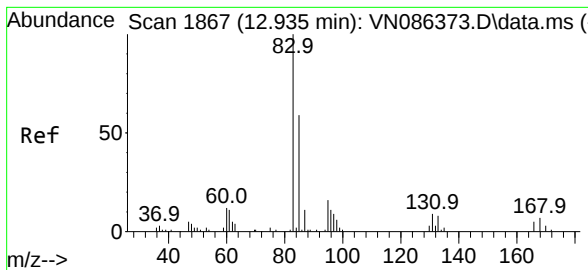
Tgt Ion:104 Resp: 143664
Ion Ratio Lower Upper
104 100
78 49.9 40.2 60.4
103 54.9 43.8 65.8



#70
Isopropylbenzene
Concen: 19.022 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN086663.D
Acq: 16 May 2025 12:46

Tgt Ion:105 Resp: 207805
Ion Ratio Lower Upper
105 100
120 26.4 18.2 33.8

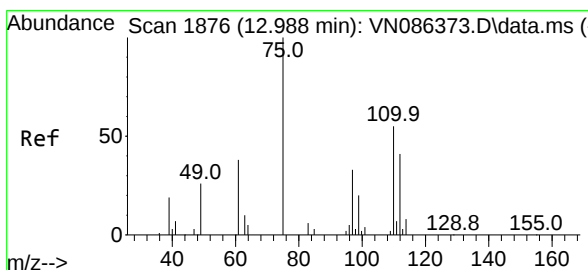
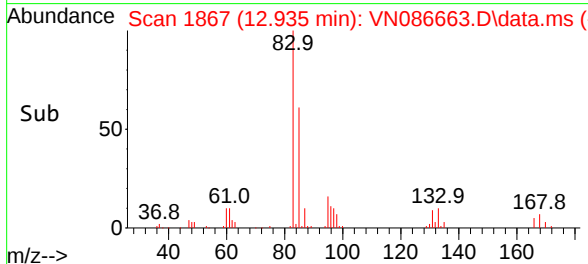
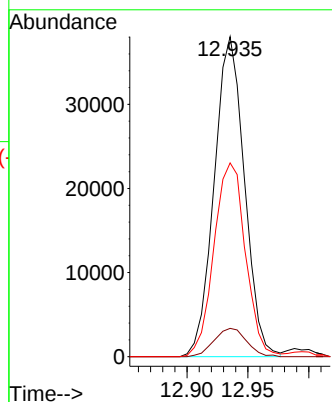
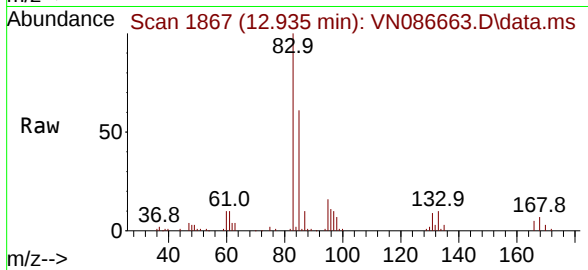




#71
 1,1,2,2-Tetrachloroethane
 Concen: 22.862 ug/l
 RT: 12.935 min Scan# 1867
 Delta R.T. 0.000 min
 Lab File: VN086663.D
 Acq: 16 May 2025 12:46

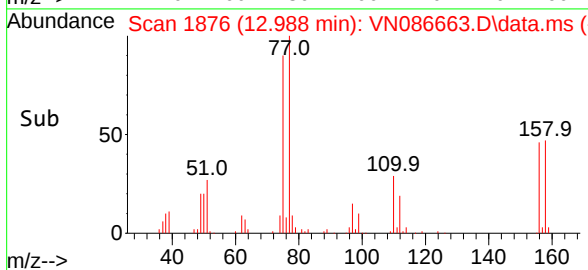
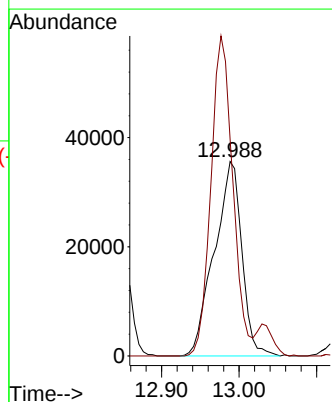
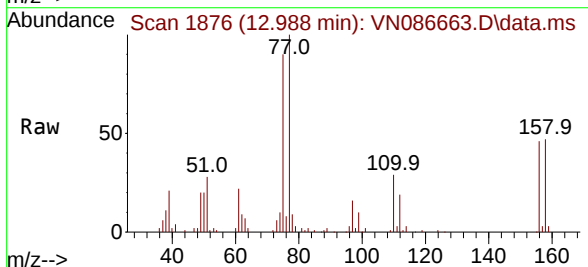
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0516WBSD01

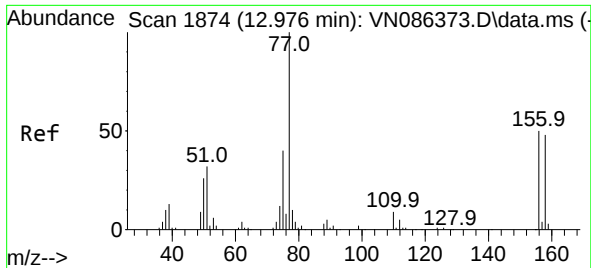
Tgt Ion: 83 Resp: 65762
 Ion Ratio Lower Upper
 83 100
 131 9.5 4.5 13.7
 85 63.0 31.7 95.1



#72
 1,2,3-Trichloropropane
 Concen: 35.047 ug/l
 RT: 12.988 min Scan# 1876
 Delta R.T. 0.000 min
 Lab File: VN086663.D
 Acq: 16 May 2025 12:46

Tgt Ion: 75 Resp: 87891
 Ion Ratio Lower Upper
 75 100
 77 131.5 0.0 464.4

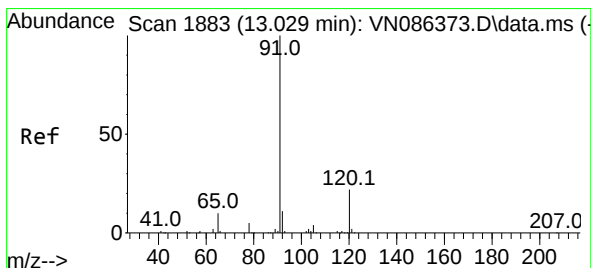
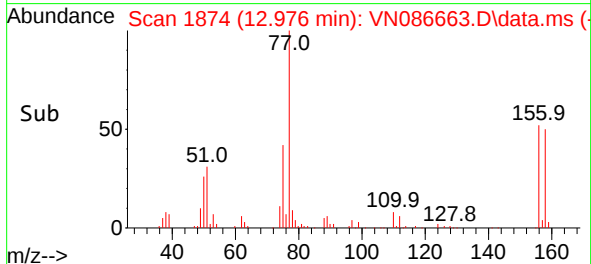
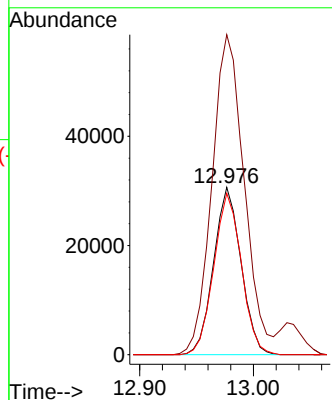
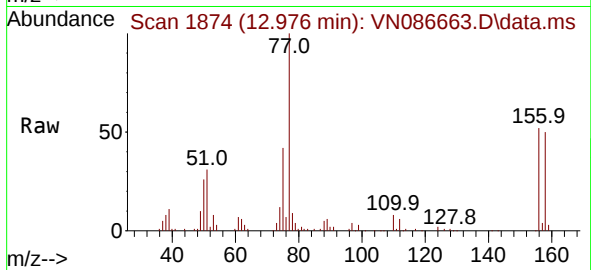




#73
Bromobenzene
Concen: 20.470 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. 0.000 min
Lab File: VN086663.D
Acq: 16 May 2025 12:46

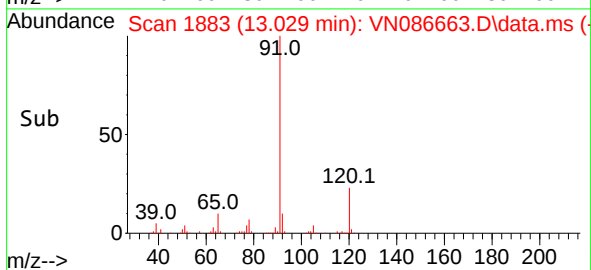
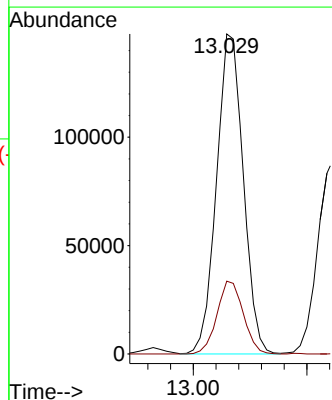
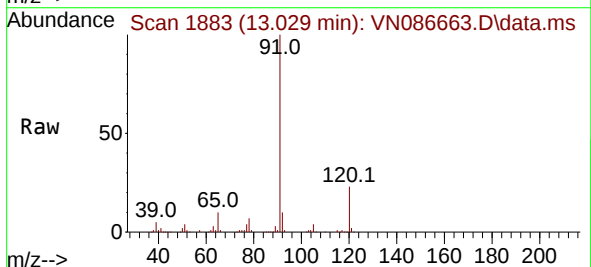
Instrument :
MSVOA_N
ClientSampleId :
VN0516WBSD01

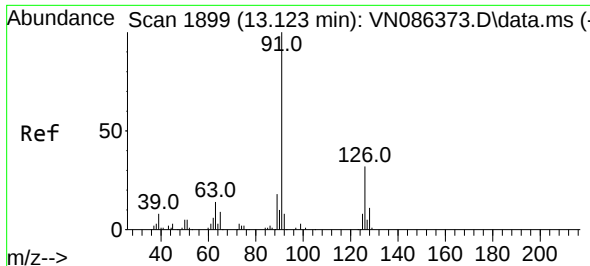
Tgt Ion:156 Resp: 51411
Ion Ratio Lower Upper
156 100
77 224.8 0.0 463.4
158 97.2 0.0 191.8



#74
n-propylbenzene
Concen: 18.626 ug/l
RT: 13.029 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN086663.D
Acq: 16 May 2025 12:46

Tgt Ion: 91 Resp: 241796
Ion Ratio Lower Upper
91 100
120 22.3 0.0 43.8

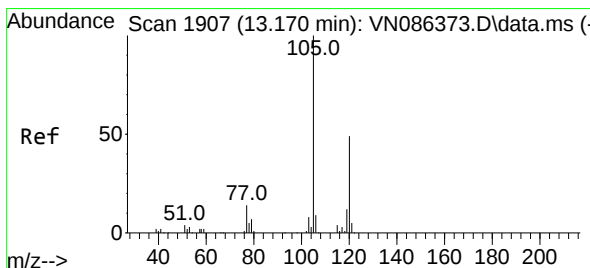
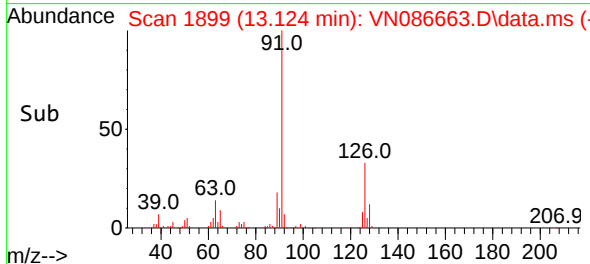
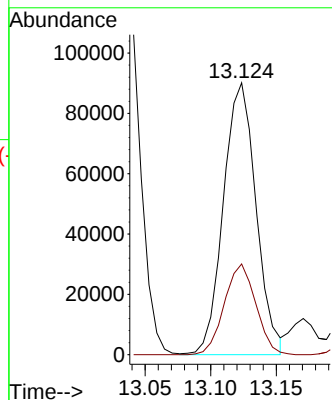
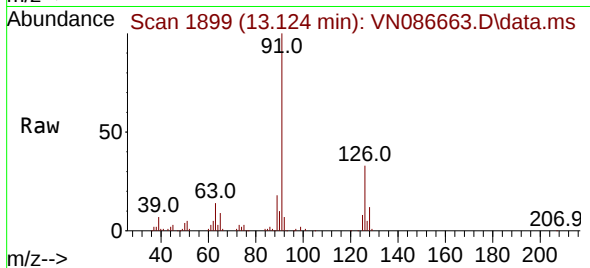




#75
2-Chlorotoluene
Concen: 19.283 ug/l
RT: 13.124 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VN086663.D
Acq: 16 May 2025 12:46

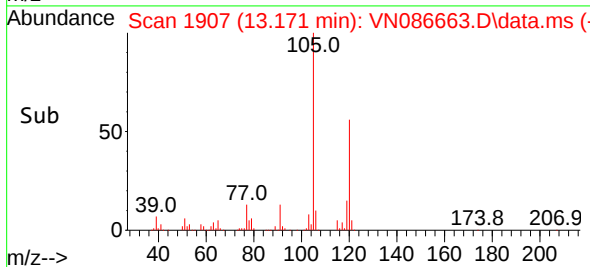
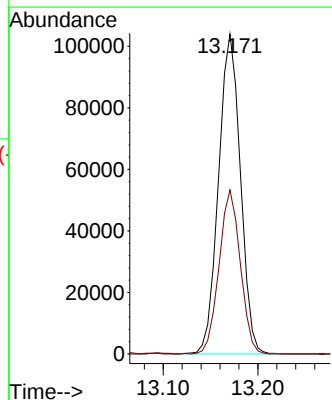
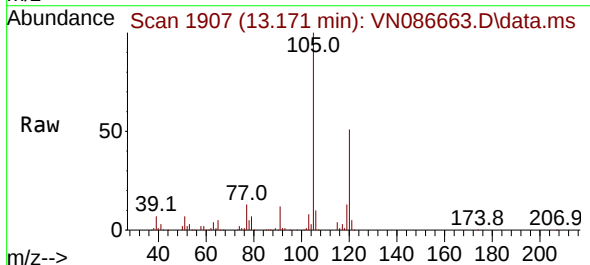
Instrument :
MSVOA_N
ClientSampleId :
VN0516WBSD01

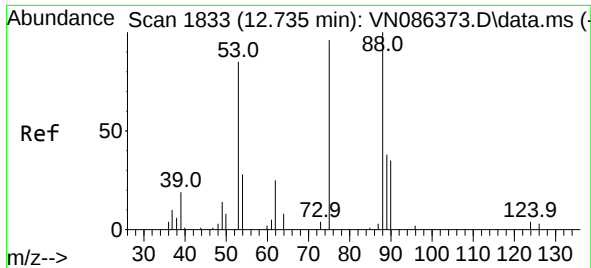
Tgt Ion: 91 Resp: 156263
Ion Ratio Lower Upper
91 100
126 32.1 0.0 65.0



#76
1,3,5-Trimethylbenzene
Concen: 18.630 ug/l
RT: 13.171 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VN086663.D
Acq: 16 May 2025 12:46

Tgt Ion:105 Resp: 166994
Ion Ratio Lower Upper
105 100
120 49.7 0.0 97.6

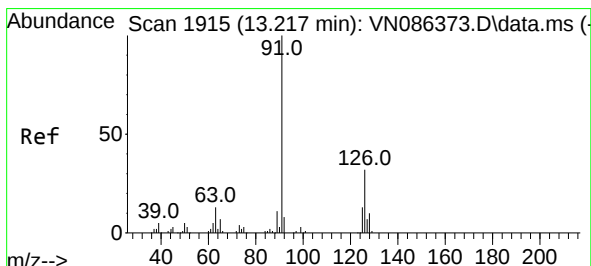
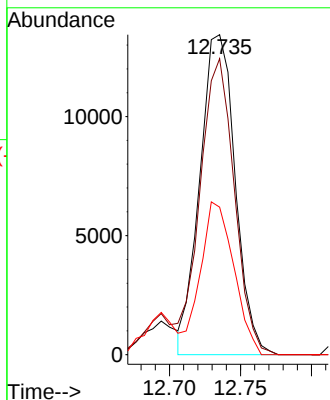
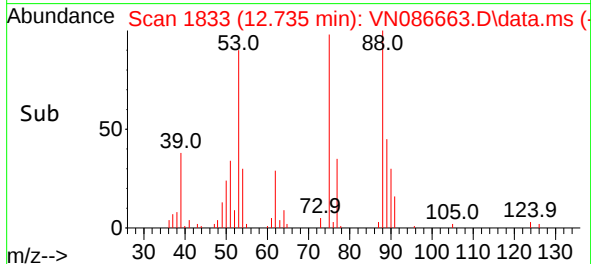
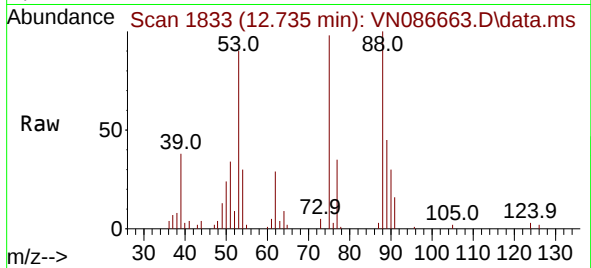




#77
t-1,4-Dichloro-2-butene
Concen: 18.300 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN086663.D
Acq: 16 May 2025 12:46

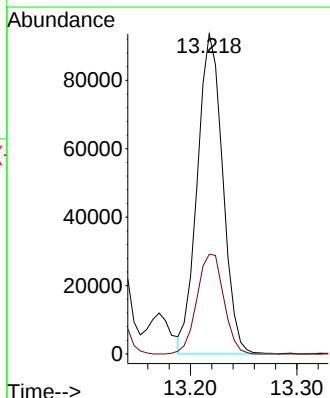
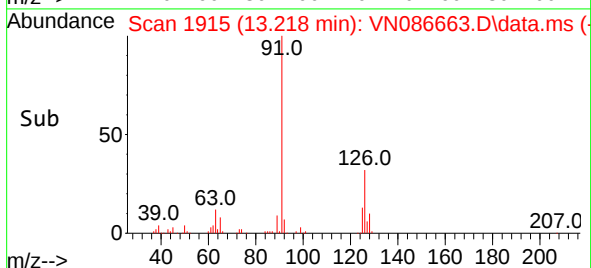
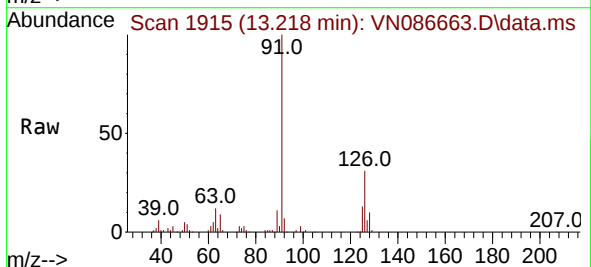
Instrument :
MSVOA_N
ClientSampleId :
VN0516WBSD01

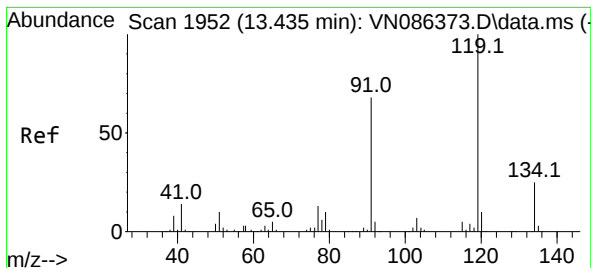
Tgt Ion:	75	Resp:	23291
Ion	Ratio	Lower	Upper
75	100		
53	92.5	46.0	138.0
89	46.1	21.6	64.6



#78
4-Chlorotoluene
Concen: 19.184 ug/l
RT: 13.218 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VN086663.D
Acq: 16 May 2025 12:46

Tgt Ion:	91	Resp:	155443
Ion	Ratio	Lower	Upper
91	100		
126	32.9	0.0	65.4

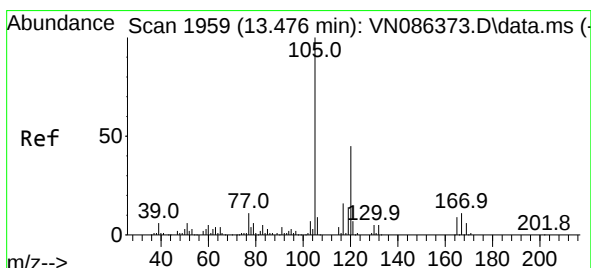
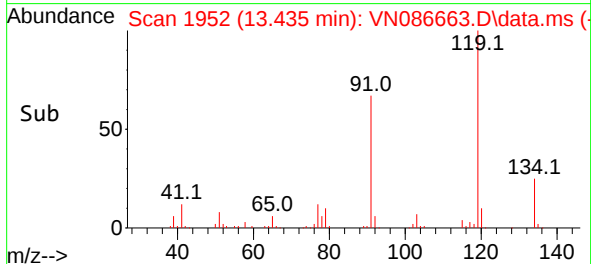
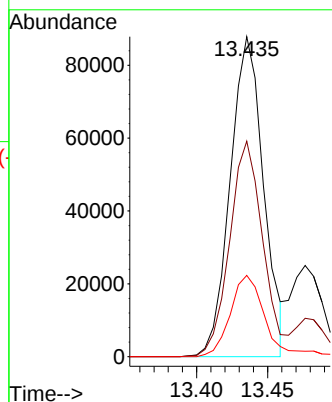
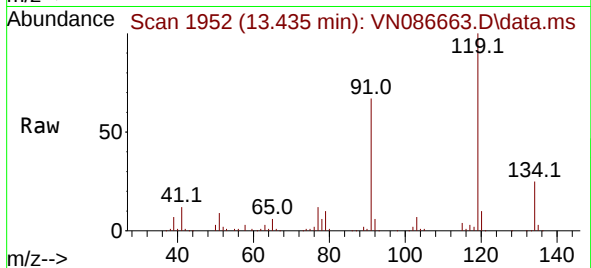




#79
tert-butylbenzene
Concen: 18.722 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. 0.000 min
Lab File: VN086663.D
Acq: 16 May 2025 12:46

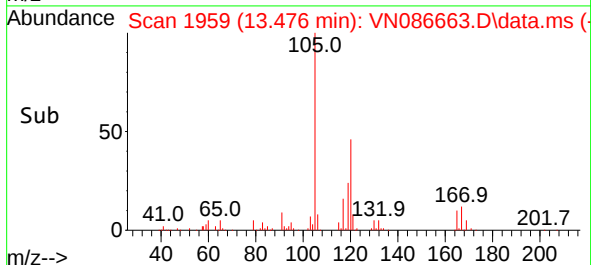
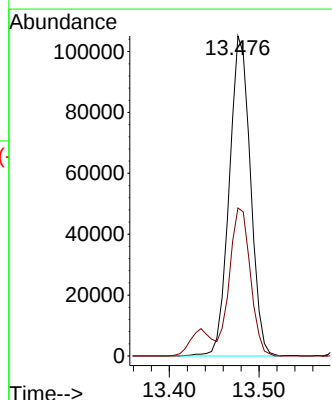
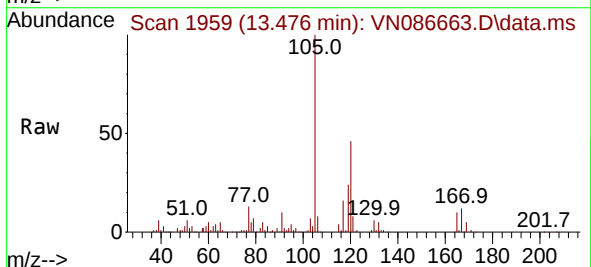
Instrument :
MSVOA_N
ClientSampleId :
VN0516WBSD01

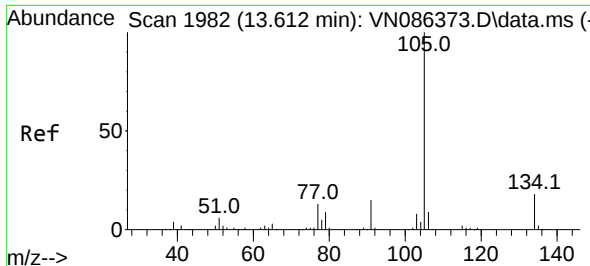
Tgt Ion:119 Resp: 143723
Ion Ratio Lower Upper
119 100
91 67.4 0.0 137.4
134 25.8 0.0 49.2



#80
1,2,4-Trimethylbenzene
Concen: 18.793 ug/l
RT: 13.476 min Scan# 1959
Delta R.T. 0.000 min
Lab File: VN086663.D
Acq: 16 May 2025 12:46

Tgt Ion:105 Resp: 172040
Ion Ratio Lower Upper
105 100
120 45.3 0.0 87.6

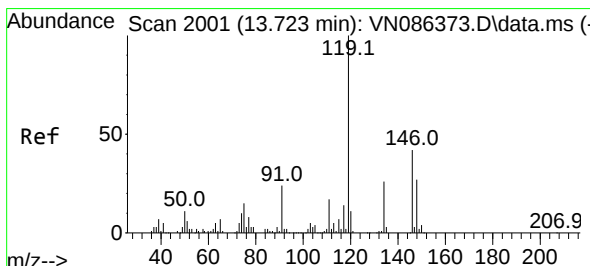
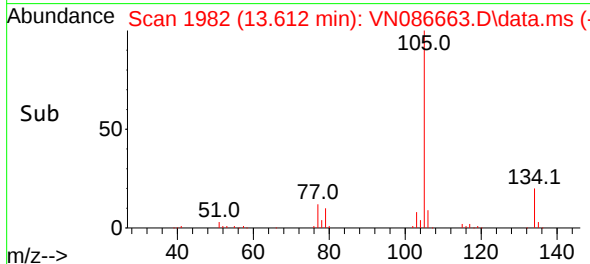
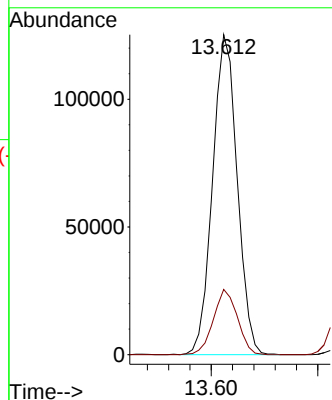
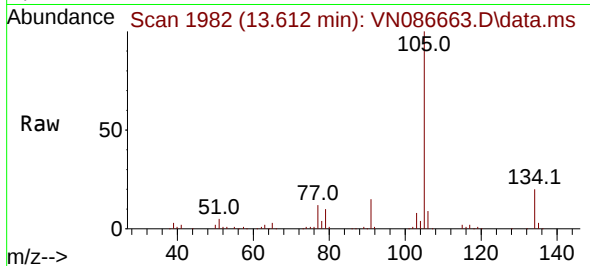




#81
 sec-Butylbenzene
 Concen: 18.312 ug/l
 RT: 13.612 min Scan# 1982
 Delta R.T. 0.000 min
 Lab File: VN086663.D
 Acq: 16 May 2025 12:46

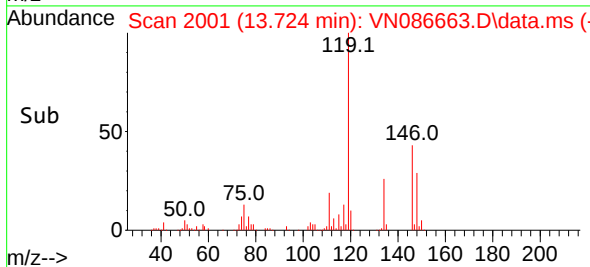
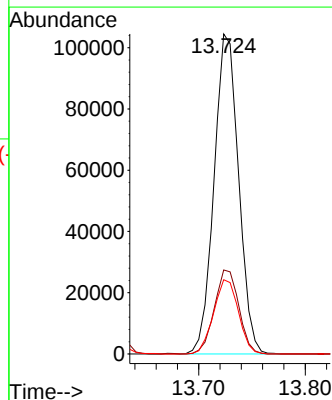
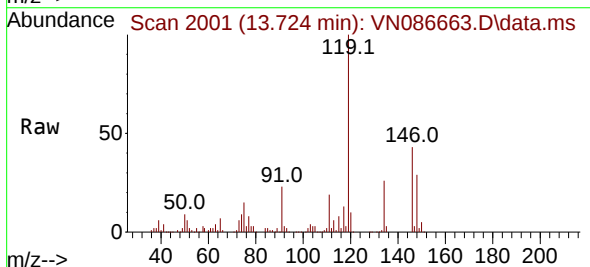
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0516WBSD01

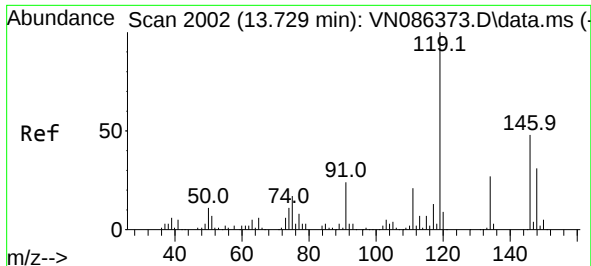
Tgt Ion:105 Resp: 200667
 Ion Ratio Lower Upper
 105 100
 134 19.9 0.0 38.4



#82
 p-Isopropyltoluene
 Concen: 18.231 ug/l
 RT: 13.724 min Scan# 2001
 Delta R.T. 0.000 min
 Lab File: VN086663.D
 Acq: 16 May 2025 12:46

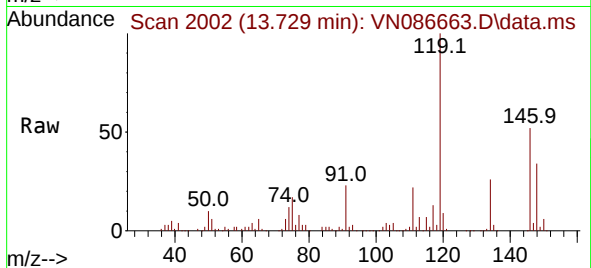
Tgt Ion:119 Resp: 167166
 Ion Ratio Lower Upper
 119 100
 134 26.1 0.0 52.2
 91 23.5 0.0 47.6



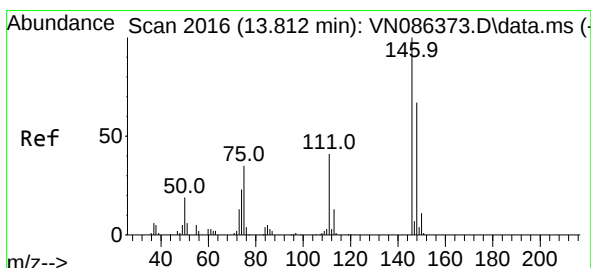
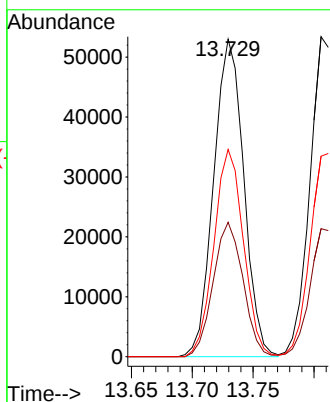
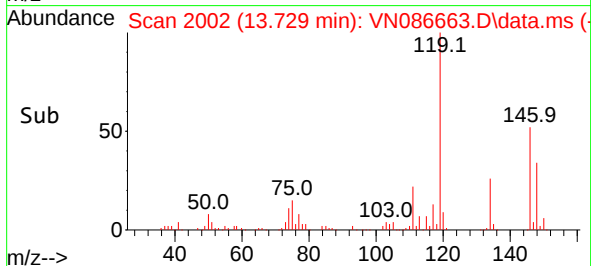


#83
1,3-Dichlorobenzene
Concen: 19.203 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. 0.000 min
Lab File: VN086663.D
Acq: 16 May 2025 12:46

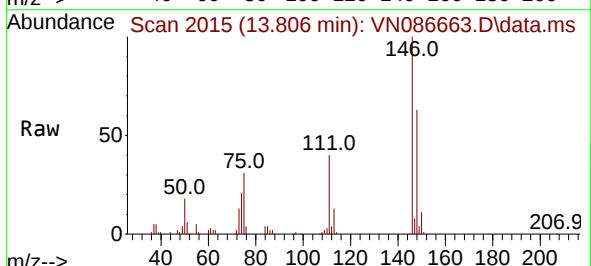
Instrument :
MSVOA_N
ClientSampleId :
VN0516WBSD01



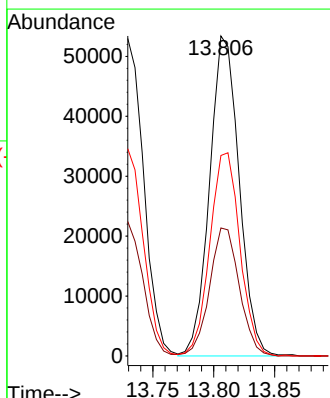
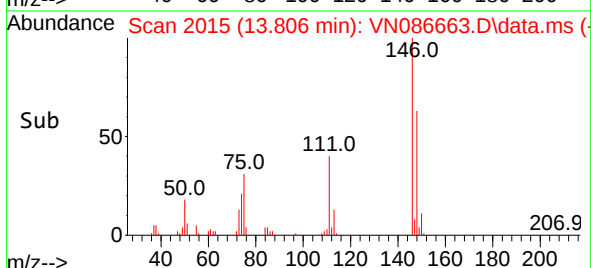
Tgt Ion:146 Resp: 91169
Ion Ratio Lower Upper
146 100
111 42.0 20.7 62.1
148 64.0 32.3 96.8

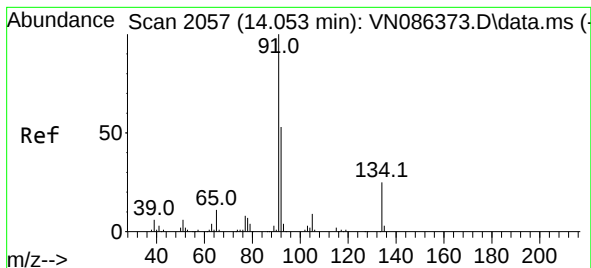


#84
1,4-Dichlorobenzene
Concen: 19.243 ug/l
RT: 13.806 min Scan# 2015
Delta R.T. -0.006 min
Lab File: VN086663.D
Acq: 16 May 2025 12:46



Tgt Ion:146 Resp: 90263
Ion Ratio Lower Upper
146 100
111 40.3 20.3 60.8
148 64.7 32.4 97.2





#85

n-Butylbenzene

Concen: 17.191 ug/l

RT: 14.053 min Scan# 2057

Delta R.T. 0.000 min

Lab File: VN086663.D

Acq: 16 May 2025 12:46

Instrument :

MSVOA_N

ClientSampleId :

VN0516WBSD01

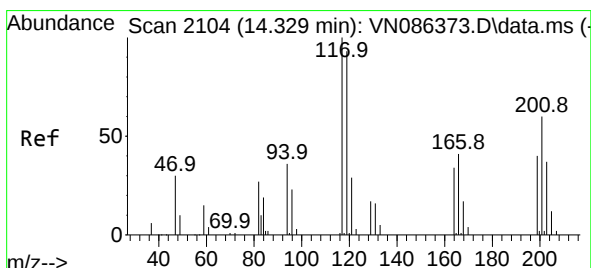
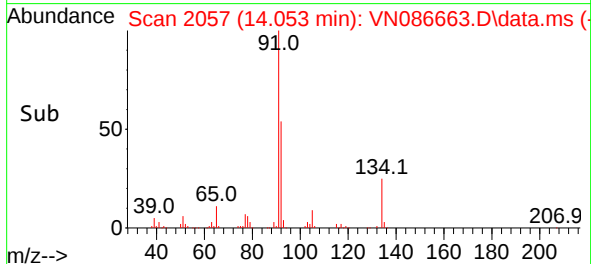
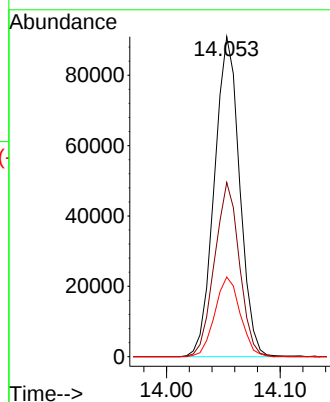
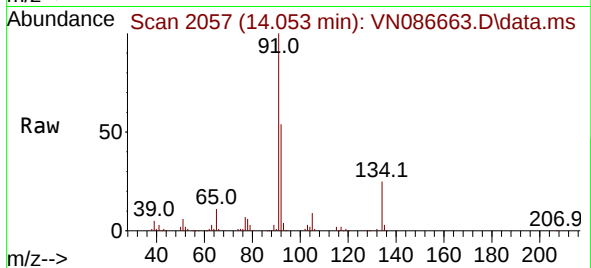
Tgt Ion: 91 Resp: 140656

Ion Ratio Lower Upper

91 100

92 53.4 0.0 107.2

134 25.0 0.0 48.2



#86

Hexachloroethane

Concen: 18.247 ug/l

RT: 14.329 min Scan# 2104

Delta R.T. 0.000 min

Lab File: VN086663.D

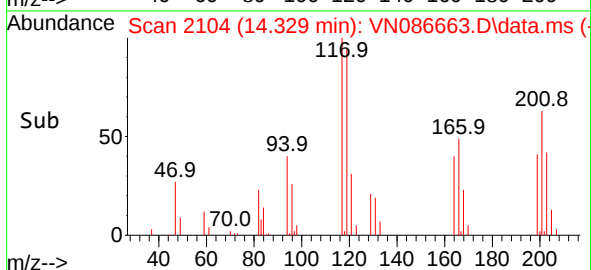
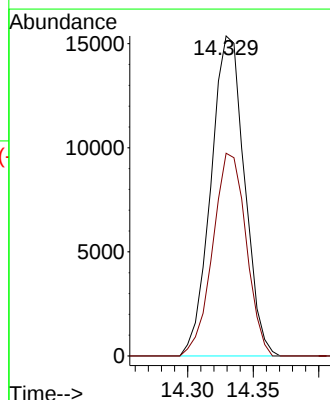
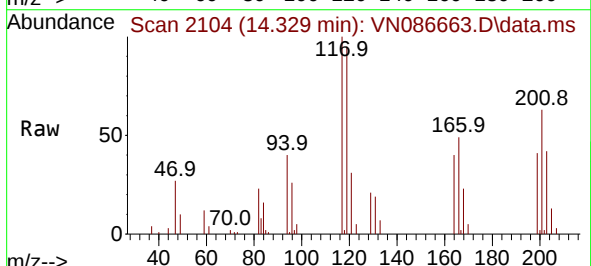
Acq: 16 May 2025 12:46

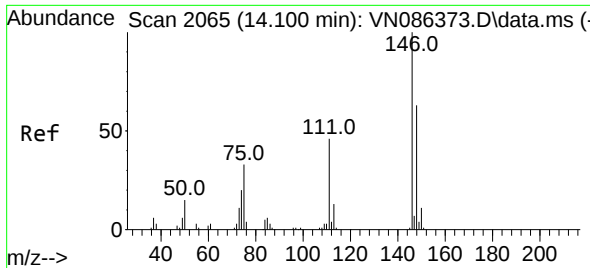
Tgt Ion: 117 Resp: 27359

Ion Ratio Lower Upper

117 100

201 63.0 31.7 95.1





#87

1,2-Dichlorobenzene

Concen: 20.024 ug/l

RT: 14.100 min Scan# 2065

Delta R.T. 0.000 min

Lab File: VN086663.D

Acq: 16 May 2025 12:46

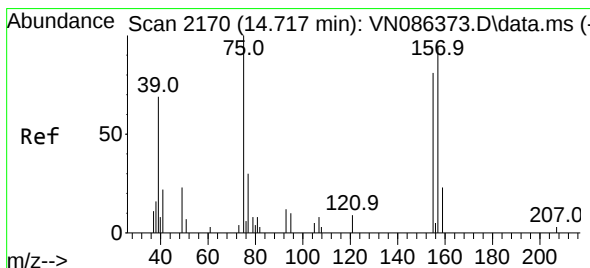
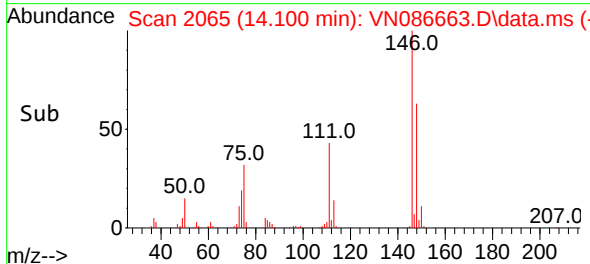
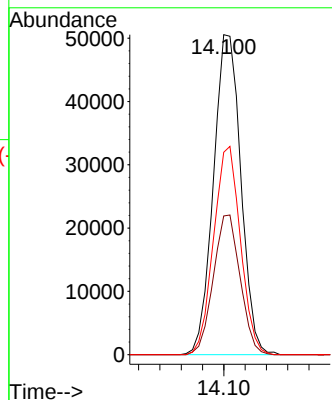
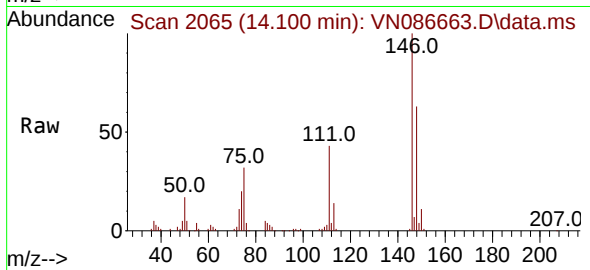
Instrument :

MSVOA_N

ClientSampleId :

VN0516WBSD01

Tgt Ion:	146	Resp:	90456
Ion Ratio	Lower	Upper	
146	100		
111	42.7	22.1	66.3
148	63.7	32.0	96.0



#88

1,2-Dibromo-3-Chloropropane

Concen: 19.180 ug/l

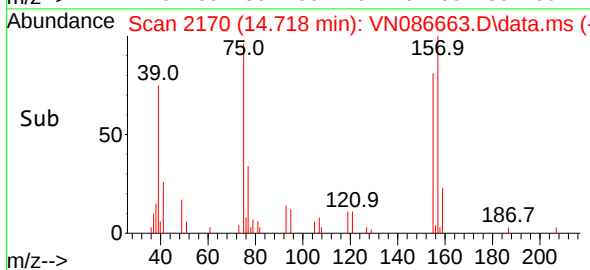
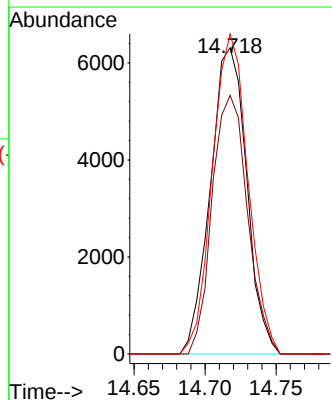
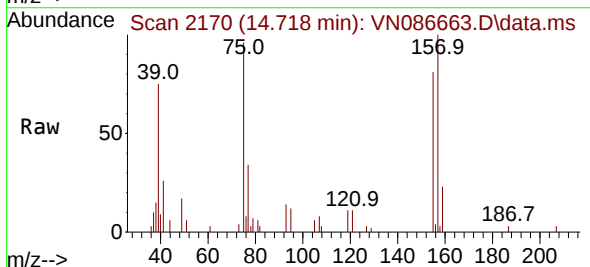
RT: 14.718 min Scan# 2170

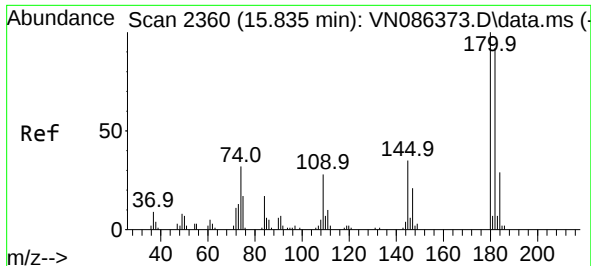
Delta R.T. 0.000 min

Lab File: VN086663.D

Acq: 16 May 2025 12:46

Tgt Ion:	75	Resp:	11214
Ion Ratio	Lower	Upper	
75	100		
155	82.4	64.0	96.0
157	102.6	78.2	117.4

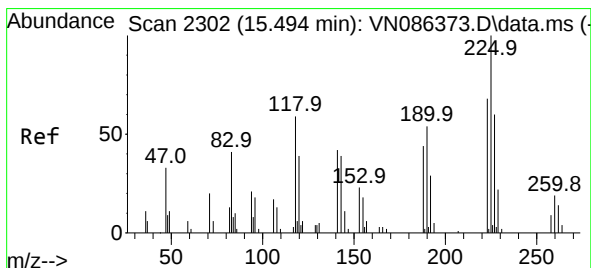
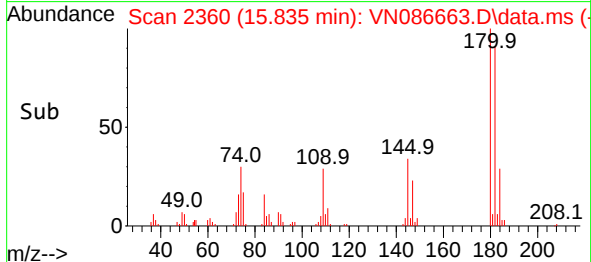
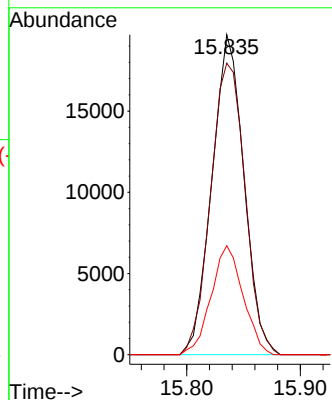
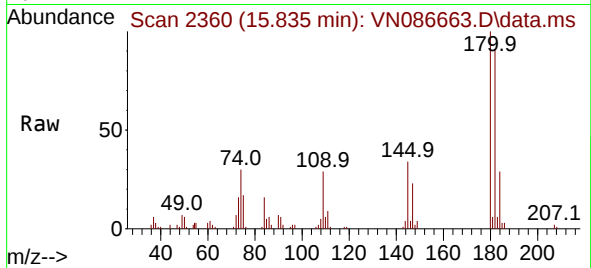




#89
 1,2,4-Trichlorobenzene
 Concen: 18.716 ug/l
 RT: 15.835 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VN086663.D
 Acq: 16 May 2025 12:46

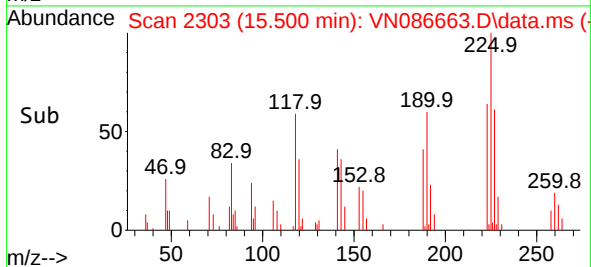
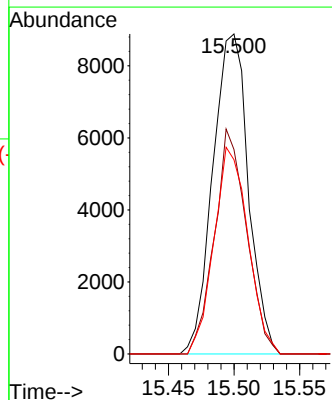
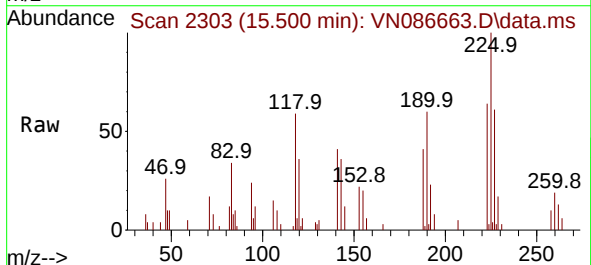
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0516WBSD01

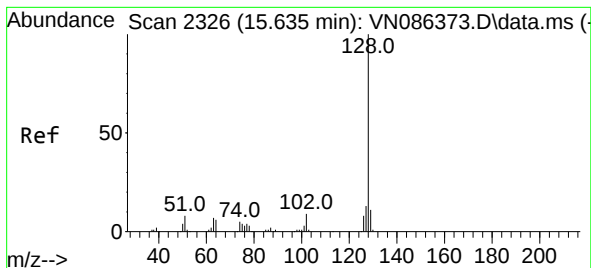
Tgt Ion:180 Resp: 38535
 Ion Ratio Lower Upper
 180 100
 182 97.8 74.8 112.2
 145 34.1 26.9 40.3



#90
 Hexachlorobutadiene
 Concen: 20.196 ug/l
 RT: 15.500 min Scan# 2303
 Delta R.T. 0.006 min
 Lab File: VN086663.D
 Acq: 16 May 2025 12:46

Tgt Ion:225 Resp: 16749
 Ion Ratio Lower Upper
 225 100
 223 63.3 0.0 128.8
 227 61.9 0.0 120.2

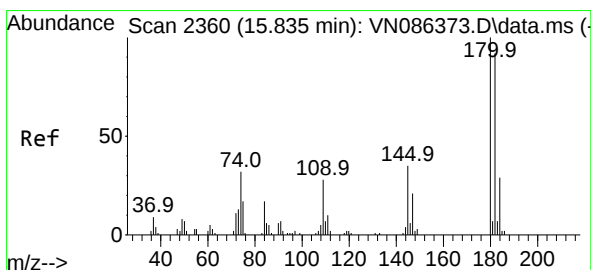
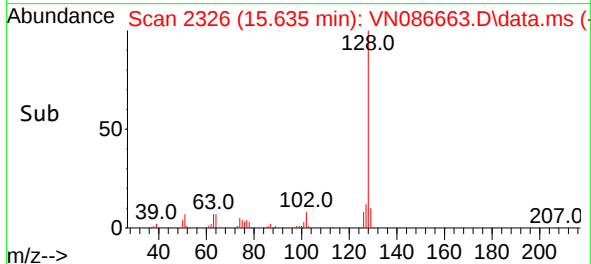
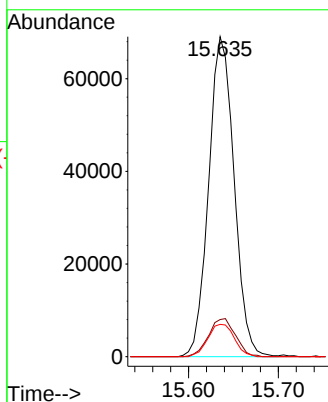
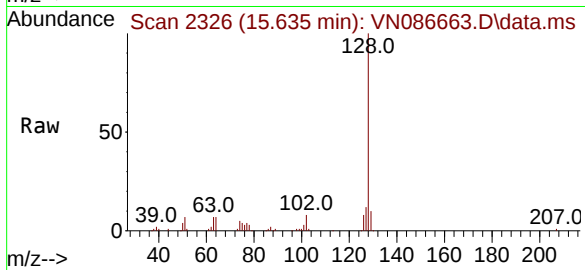




#91
Naphthalene
Concen: 18.457 ug/l
RT: 15.635 min Scan# 2326
Delta R.T. 0.000 min
Lab File: VN086663.D
Acq: 16 May 2025 12:46

Instrument :
MSVOA_N
ClientSampleId :
VN0516WBSD01

Tgt Ion:128 Resp: 136046
Ion Ratio Lower Upper
128 100
127 12.5 10.6 15.8
129 10.5 8.7 13.1



#92
1,2,3-Trichlorobenzene
Concen: 18.716 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. 0.000 min
Lab File: VN086663.D
Acq: 16 May 2025 12:46

Tgt Ion:180 Resp: 38535
Ion Ratio Lower Upper
180 100
182 97.8 0.0 187.0
145 34.1 0.0 67.2

