

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052325\
 Data File : VN086769.D
 Acq On : 23 May 2025 11:16
 Operator : JC\MD
 Sample : VN0523WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0523WBS01

Quant Time: May 24 02:30:15 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051625W.M
 Quant Title : SW846 8260
 QLast Update : Sat May 17 00:46:13 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	283024	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	485622	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	427228	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	194058	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	163735	41.867	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	83.740%
35) Dibromofluoromethane	8.165	113	143418	49.590	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.180%
50) Toluene-d8	10.565	98	594026	49.564	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.120%
62) 4-Bromofluorobenzene	12.847	95	211187	49.905	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	99.800%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	55450	18.142	ug/l	99
3) Chloromethane	2.359	50	72670	15.719	ug/l	99
4) Vinyl Chloride	2.512	62	67423	16.239	ug/l	96
5) Bromomethane	2.953	94	38086	15.913	ug/l	95
6) Chloroethane	3.118	64	41967	15.430	ug/l	96
7) Trichlorofluoromethane	3.500	101	85677	17.268	ug/l	98
8) Diethyl Ether	3.959	74	35493	17.316	ug/l	92
9) 1,1,2-Trichlorotrifluo...	4.377	101	52775	17.767	ug/l	98
10) Methyl Iodide	4.589	142	62766	16.987	ug/l	98
11) Tert butyl alcohol	5.512	59	53214	74.711	ug/l #	89
12) 1,1-Dichloroethene	4.342	96	53905	17.076	ug/l	88
13) Acrolein	4.177	56	75824	99.581	ug/l	99
14) Allyl chloride	5.018	41	73106	15.300	ug/l	93
15) Acrylonitrile	5.718	53	140444	79.637	ug/l	97
16) Acetone	4.424	43	101257	69.215	ug/l	92
17) Carbon Disulfide	4.712	76	141467	16.186	ug/l	98
18) Methyl Acetate	5.018	43	58100	14.190	ug/l	97
19) Methyl tert-butyl Ether	5.794	73	182151	16.946	ug/l	99
20) Methylene Chloride	5.277	84	62093	16.084	ug/l	95
21) trans-1,2-Dichloroethene	5.783	96	56131	16.818	ug/l	97
22) Diisopropyl ether	6.671	45	169435	15.718	ug/l	96
23) Vinyl Acetate	6.600	43	613252	75.696	ug/l	95
24) 1,1-Dichloroethane	6.565	63	101482	16.035	ug/l	98
25) 2-Butanone	7.477	43	165465	73.194	ug/l	97
26) 2,2-Dichloropropane	7.488	77	90937	17.411	ug/l	100
27) cis-1,2-Dichloroethene	7.482	96	68857	16.808	ug/l	97
28) Bromochloromethane	7.806	49	51232	17.817	ug/l	86
29) Tetrahydrofuran	7.835	42	110529	74.907	ug/l	96
30) Chloroform	7.959	83	103737	16.376	ug/l	97
31) Cyclohexane	8.253	56	91542	15.596	ug/l	95
32) 1,1,1-Trichloroethane	8.165	97	89808	16.815	ug/l	97
36) 1,1-Dichloropropene	8.365	75	74361	17.431	ug/l	99
37) Ethyl Acetate	7.559	43	67896	15.756	ug/l	98
38) Carbon Tetrachloride	8.359	117	77251	18.379	ug/l	97
39) Methylcyclohexane	9.594	83	83807	18.152	ug/l	93
40) Benzene	8.606	78	244180	17.546	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.771	41	35959	15.455	ug/l	92
42) 1,2-Dichloroethane	8.665	62	70744	16.317	ug/l	95
43) Isopropyl Acetate	8.682	43	118884	13.762	ug/l	96
44) Trichloroethene	9.347	130	63461	18.907	ug/l	97
45) 1,2-Dichloropropane	9.618	63	55934	16.920	ug/l	97
46) Dibromomethane	9.706	93	39549	17.729	ug/l	97
47) Bromodichloromethane	9.882	83	80381	17.489	ug/l	97
48) Methyl methacrylate	9.676	41	53844	16.085	ug/l	95
49) 1,4-Dioxane	9.694	88	24829	350.284	ug/l #	93
51) 4-Methyl-2-Pentanone	10.441	43	344618	79.106	ug/l	97
52) Toluene	10.629	92	157119	18.166	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	87821	18.047	ug/l	99
54) cis-1,3-Dichloropropene	10.306	75	95950	18.062	ug/l	94
55) 1,1,2-Trichloroethane	11.012	97	56225	17.426	ug/l	96
56) Ethyl methacrylate	10.871	69	91124	17.590	ug/l	95
57) 1,3-Dichloropropane	11.159	76	96891	17.432	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	210145	90.766	ug/l	97
59) 2-Hexanone	11.194	43	251990	79.210	ug/l	96
60) Dibromochloromethane	11.353	129	64122	18.964	ug/l	98
61) 1,2-Dibromoethane	11.465	107	58416	18.017	ug/l	98
64) Tetrachloroethene	11.100	164	65190	19.919	ug/l	96
65) Chlorobenzene	11.888	112	175590	18.743	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	57313	18.951	ug/l	99
67) Ethyl Benzene	11.959	91	294415	18.348	ug/l	100
68) m/p-Xylenes	12.070	106	236847	38.969	ug/l	96
69) o-Xylene	12.394	106	115291	19.080	ug/l	99
70) Styrene	12.406	104	189599	19.166	ug/l	99
71) Bromoform	12.576	173	42434	19.729	ug/l #	99
73) Isopropylbenzene	12.688	105	277084	18.487	ug/l	100
74) N-amyl acetate	12.488	43	96845	15.465	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.935	83	77012	16.725	ug/l	99
76) 1,2,3-Trichloropropane	12.988	75	104988	23.922	ug/l	64
77) Bromobenzene	12.976	156	69659	18.476	ug/l	93
78) n-propylbenzene	13.029	91	313772	18.242	ug/l	98
79) 2-Chlorotoluene	13.123	91	203252	18.174	ug/l	98
80) 1,3,5-Trimethylbenzene	13.170	105	224023	18.656	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.729	75	29947	17.220	ug/l	93
82) 4-Chlorotoluene	13.217	91	199015	17.962	ug/l	99
83) tert-Butylbenzene	13.435	119	197457	18.856	ug/l	98
84) 1,2,4-Trimethylbenzene	13.476	105	224607	18.783	ug/l	100
85) sec-Butylbenzene	13.612	105	265095	18.879	ug/l	99
86) p-Isopropyltoluene	13.723	119	223275	19.399	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	120894	18.518	ug/l	99
88) 1,4-Dichlorobenzene	13.806	146	120134	18.572	ug/l	100
89) n-Butylbenzene	14.053	91	176871	18.537	ug/l	100
90) Hexachloroethane	14.329	117	35201	18.433	ug/l	92
91) 1,2-Dichlorobenzene	14.100	146	113308	18.247	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.717	75	12409	16.268	ug/l	93
93) 1,2,4-Trichlorobenzene	15.388	180	49299	18.808	ug/l	99
94) Hexachlorobutadiene	15.494	225	21012	19.321	ug/l	99
95) Naphthalene	15.635	128	163698	17.987	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	46920	18.279	ug/l	99

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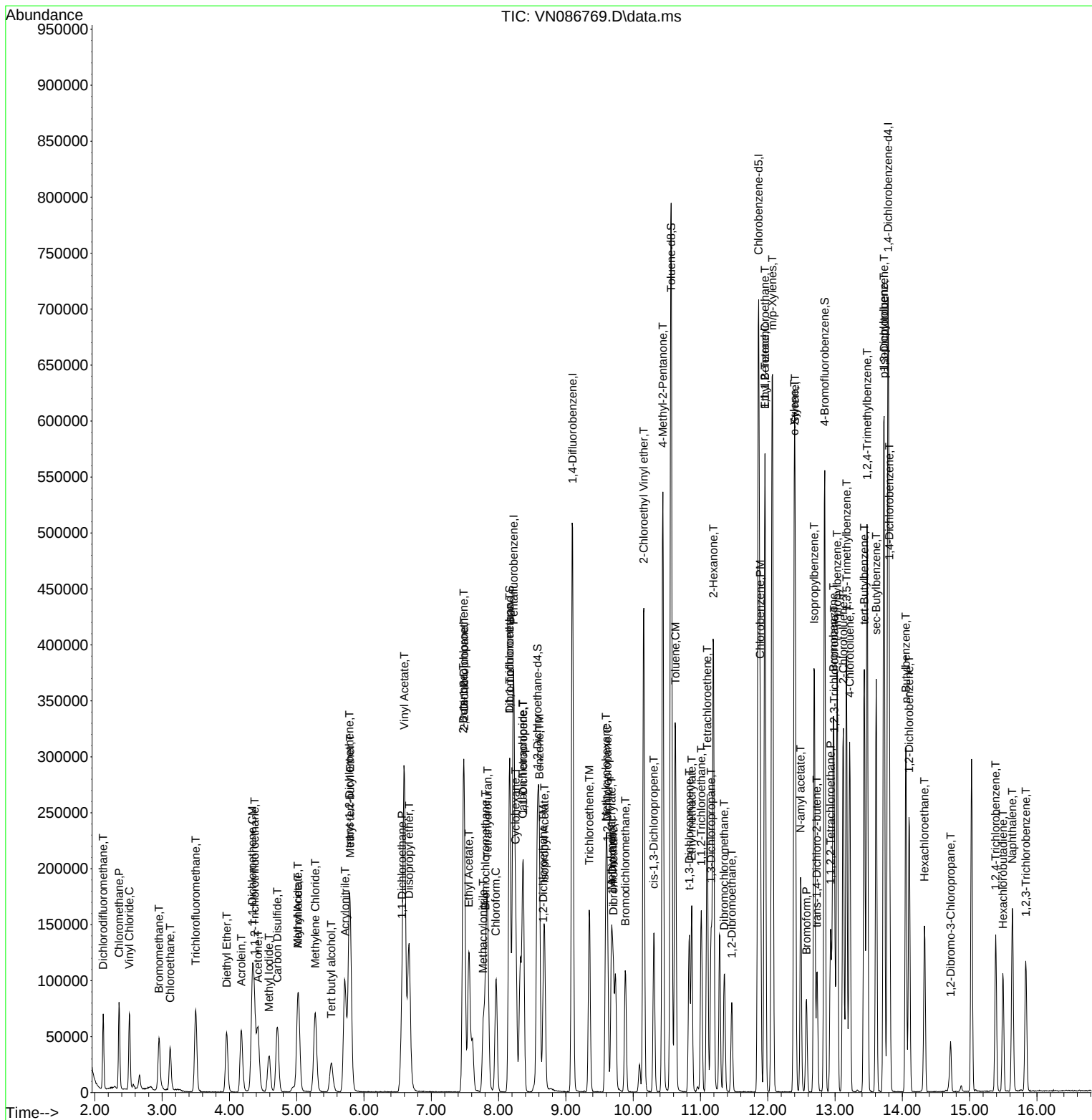
Instrument :
MSVOA_N
ClientSampleId :
VN0523WBS01

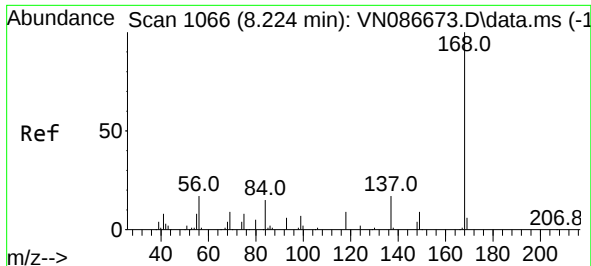
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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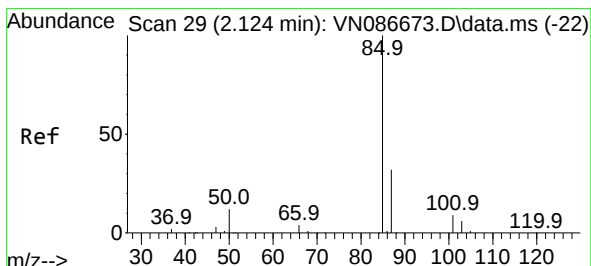
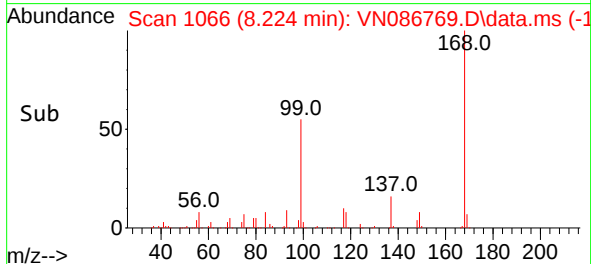
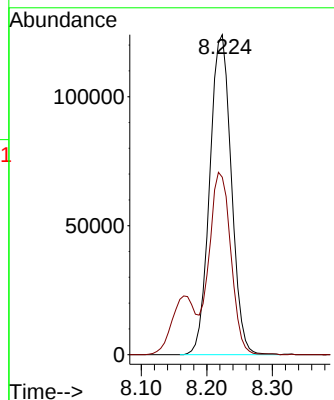
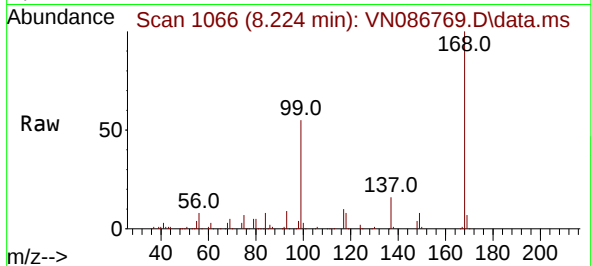




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
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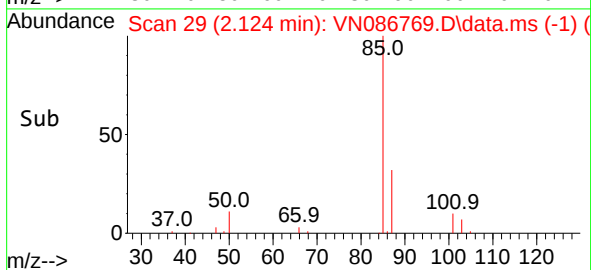
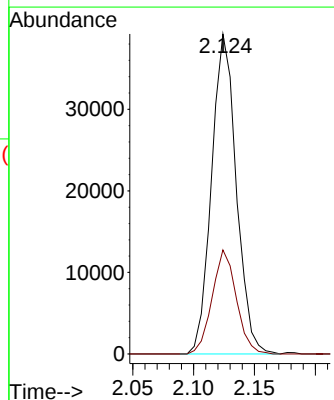
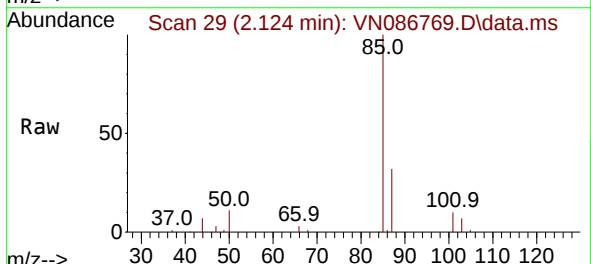
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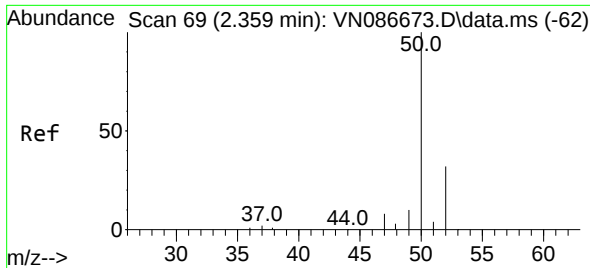
Tgt Ion:168 Resp: 283024
Ion Ratio Lower Upper
168 100
99 55.5 47.0 70.4



#2
Dichlorodifluoromethane
Concen: 18.142 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN086769.D
Acq: 23 May 2025 11:16

Tgt Ion: 85 Resp: 55450
Ion Ratio Lower Upper
85 100
87 32.5 15.9 47.6

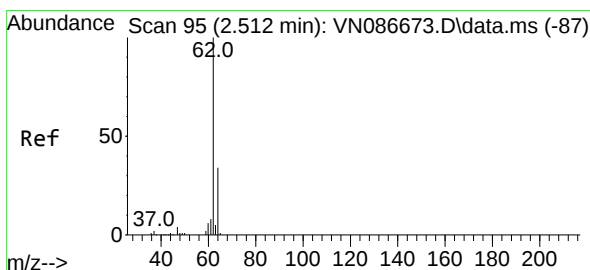
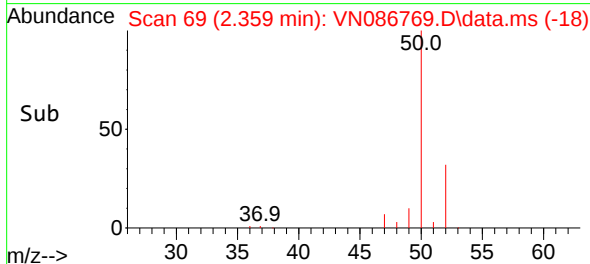
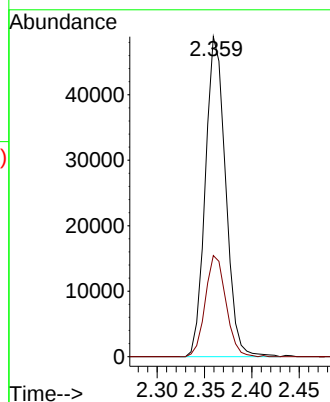
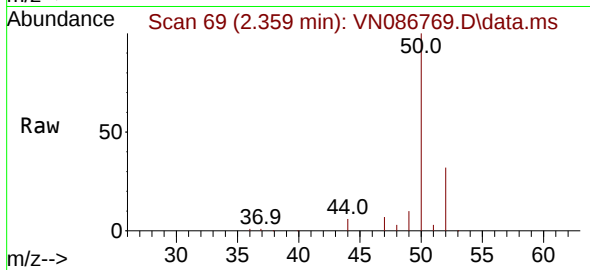




#3
Chloromethane
Concen: 15.719 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN086769.D
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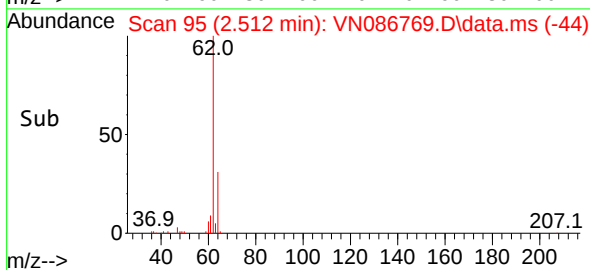
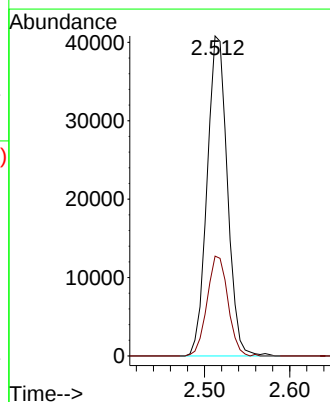
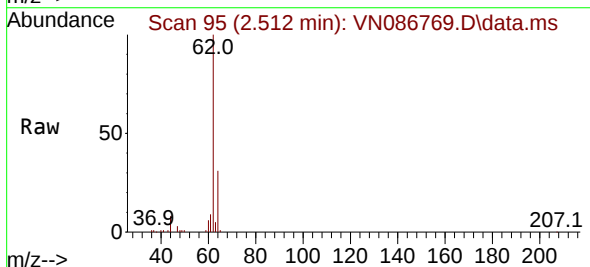
Instrument :
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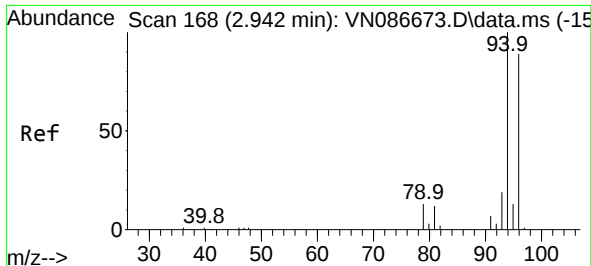
Tgt Ion: 50 Resp: 72670
Ion Ratio Lower Upper
50 100
52 31.6 25.9 38.9



#4
Vinyl Chloride
Concen: 16.239 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.000 min
Lab File: VN086769.D
Acq: 23 May 2025 11:16

Tgt Ion: 62 Resp: 67423
Ion Ratio Lower Upper
62 100
64 31.2 26.9 40.3

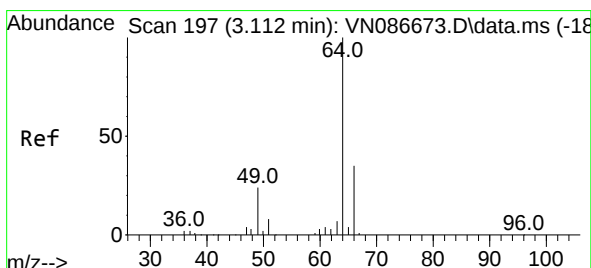
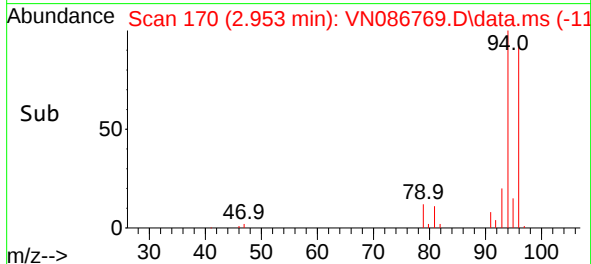
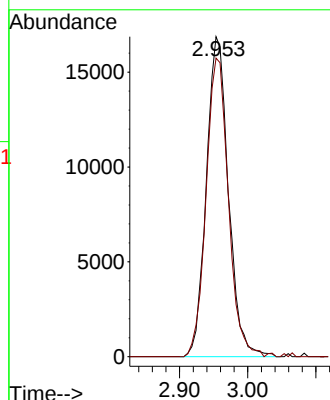
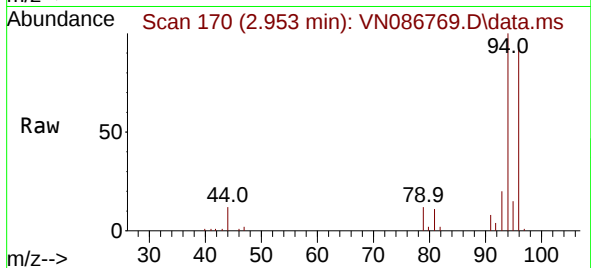




#5
Bromomethane
Concen: 15.913 ug/l
RT: 2.953 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN086769.D
Acq: 23 May 2025 11:16

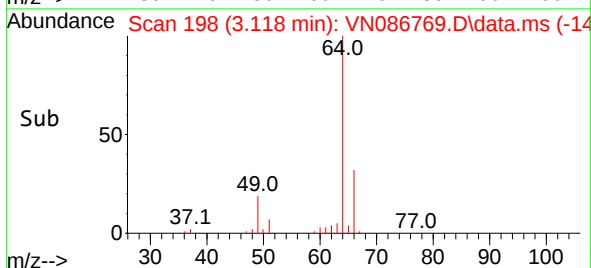
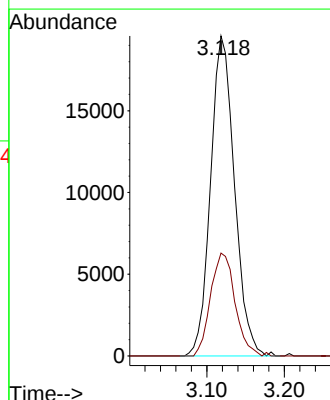
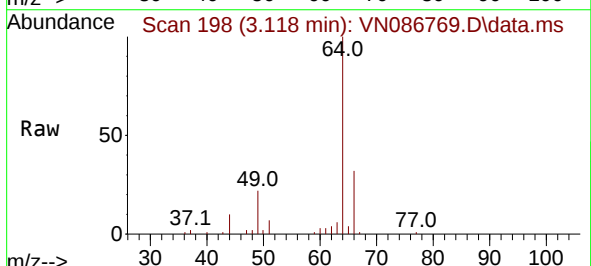
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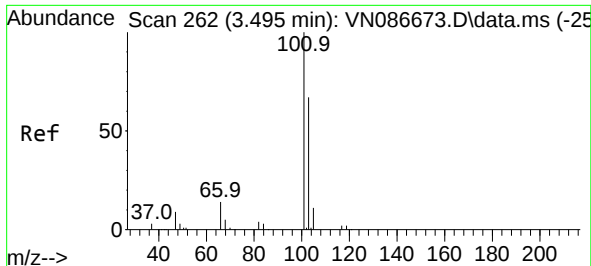
Tgt Ion: 94 Resp: 38086
Ion Ratio Lower Upper
94 100
96 93.3 71.2 106.8



#6
Chloroethane
Concen: 15.430 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.006 min
Lab File: VN086769.D
Acq: 23 May 2025 11:16

Tgt Ion: 64 Resp: 41967
Ion Ratio Lower Upper
64 100
66 32.2 27.7 41.5

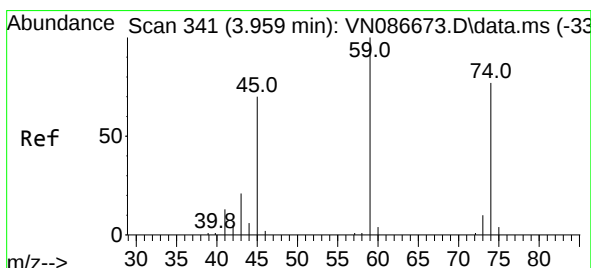
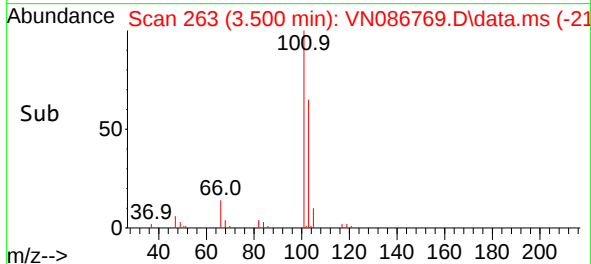
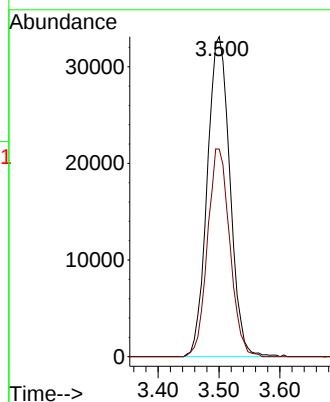
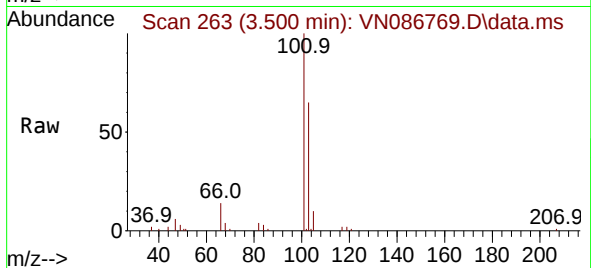




#7
Trichlorofluoromethane
Concen: 17.268 ug/l
RT: 3.500 min Scan# 263
Delta R.T. 0.006 min
Lab File: VN086769.D
Acq: 23 May 2025 11:16

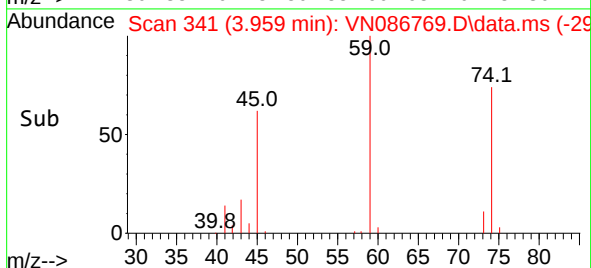
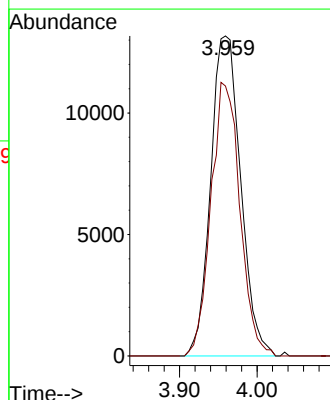
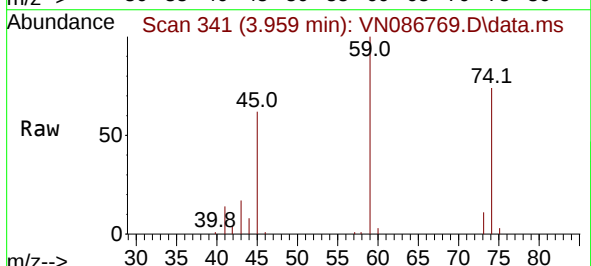
Instrument :
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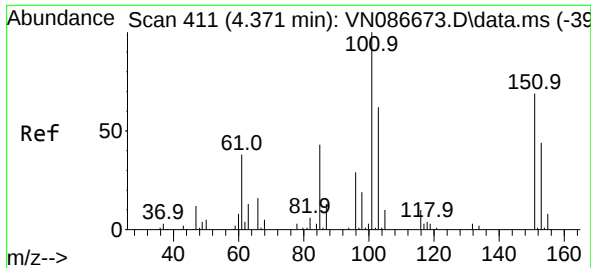
Tgt Ion:101 Resp: 85677
Ion Ratio Lower Upper
101 100
103 64.8 53.4 80.0



#8
Diethyl Ether
Concen: 17.316 ug/l
RT: 3.959 min Scan# 341
Delta R.T. -0.000 min
Lab File: VN086769.D
Acq: 23 May 2025 11:16

Tgt Ion: 74 Resp: 35493
Ion Ratio Lower Upper
74 100
45 82.4 45.0 135.0

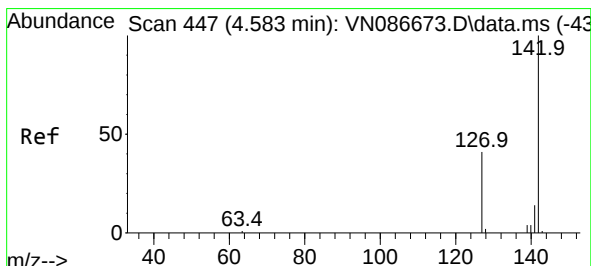
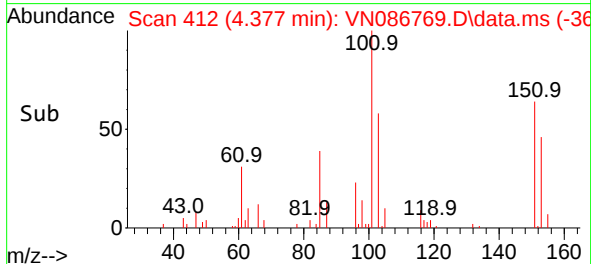
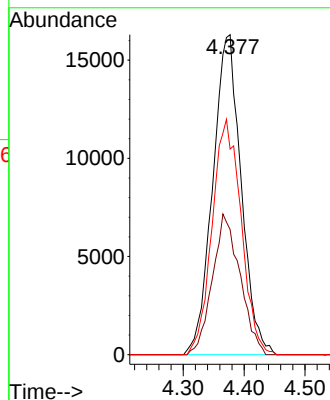
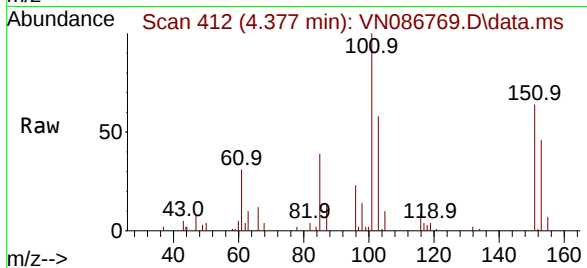




#9
1,1,2-Trichlorotrifluoroethane
Concen: 17.767 ug/l
RT: 4.377 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN086769.D
Acq: 23 May 2025 11:16

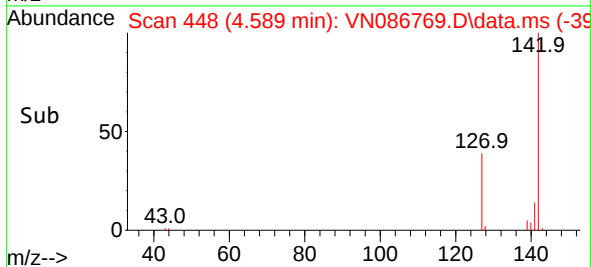
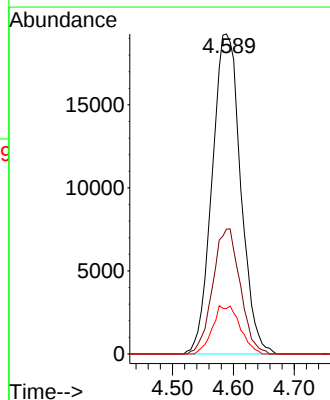
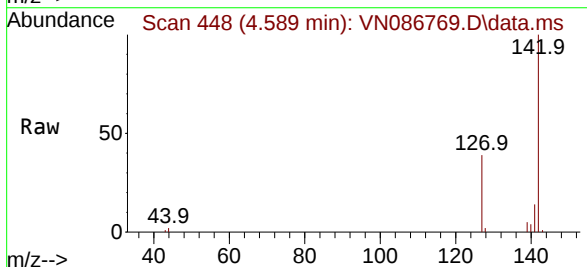
Instrument :
MSVOA_N
ClientSampleId :
VN0523WBS01

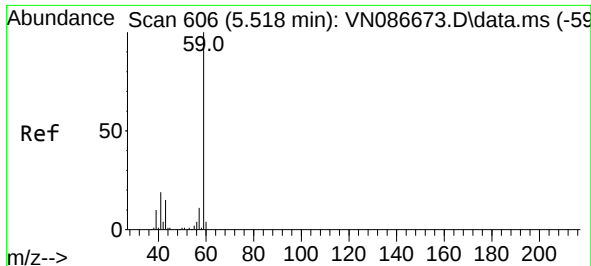
Tgt Ion:101 Resp: 52775
Ion Ratio Lower Upper
101 100
85 42.7 35.0 52.6
151 75.1 58.1 87.1

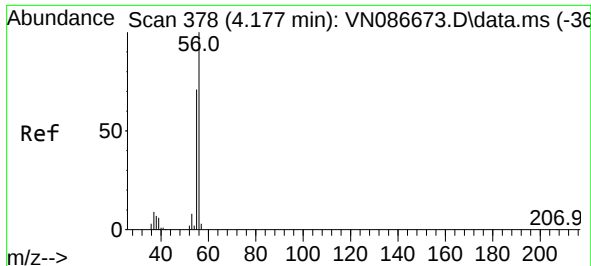


#10
Methyl Iodide
Concen: 16.987 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.006 min
Lab File: VN086769.D
Acq: 23 May 2025 11:16

Tgt Ion:142 Resp: 62766
Ion Ratio Lower Upper
142 100
127 39.0 32.4 48.6
141 14.2 11.4 17.2



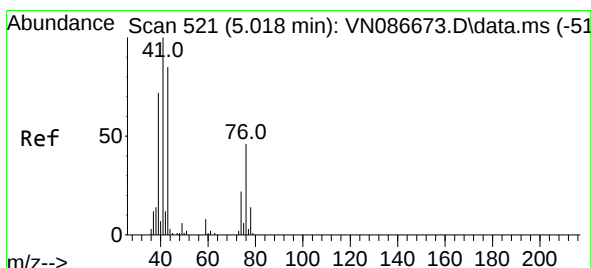
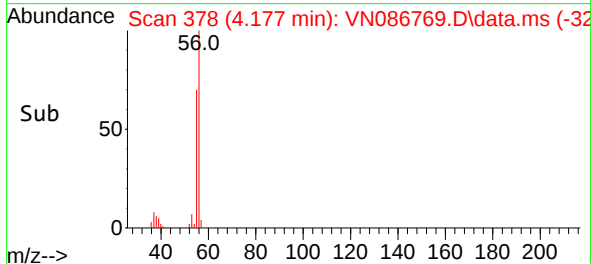
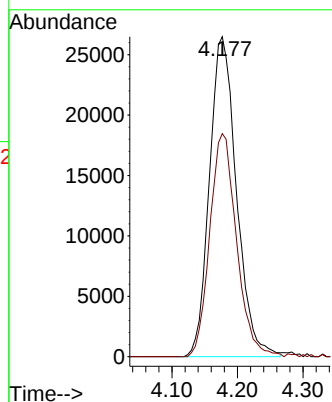
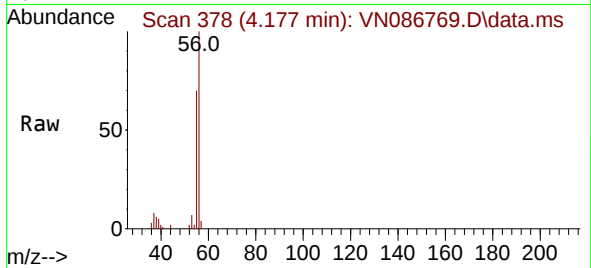




#13
Acrolein
Concen: 99.581 ug/l
RT: 4.177 min Scan# 378
Delta R.T. -0.000 min
Lab File: VN086769.D
Acq: 23 May 2025 11:16

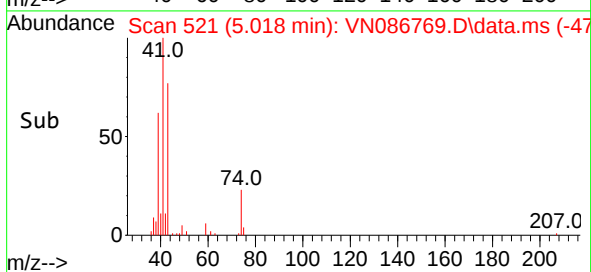
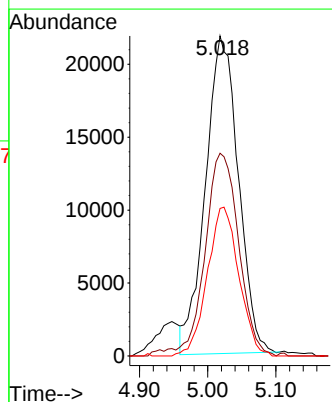
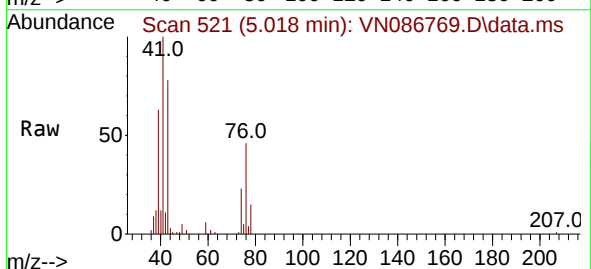
Instrument :
MSVOA_N
ClientSampleId :
VN0523WBS01

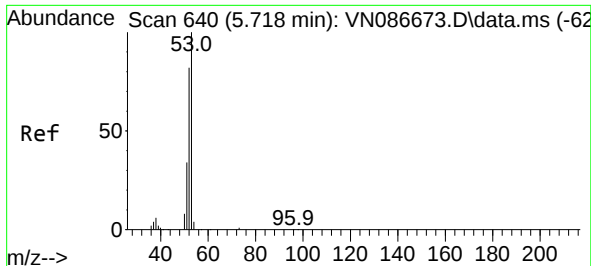
Tgt Ion: 56 Resp: 75824
Ion Ratio Lower Upper
56 100
55 68.9 55.7 83.5



#14
Allyl chloride
Concen: 15.300 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.000 min
Lab File: VN086769.D
Acq: 23 May 2025 11:16

Tgt Ion: 41 Resp: 73106
Ion Ratio Lower Upper
41 100
39 65.8 57.4 86.0
76 45.1 33.2 49.8

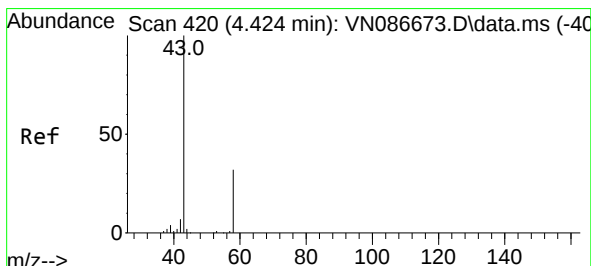
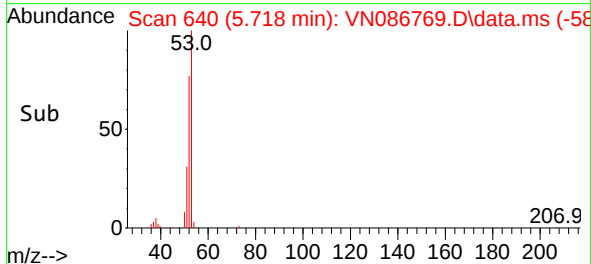
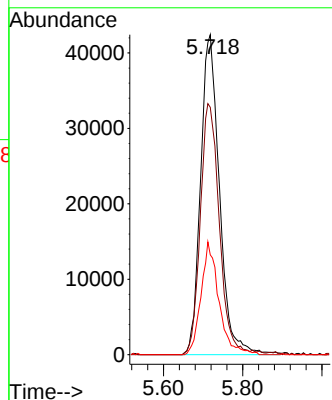
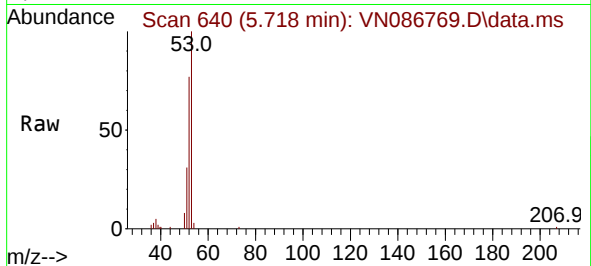




#15
Acrylonitrile
Concen: 79.637 ug/l
RT: 5.718 min Scan# 640
Delta R.T. -0.000 min
Lab File: VN086769.D
Acq: 23 May 2025 11:16

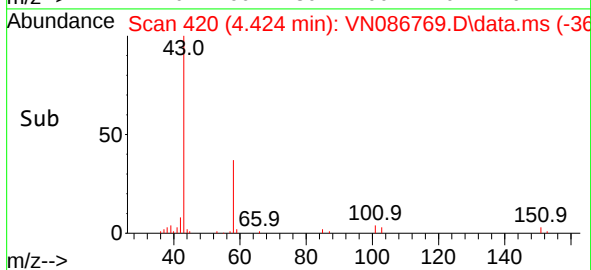
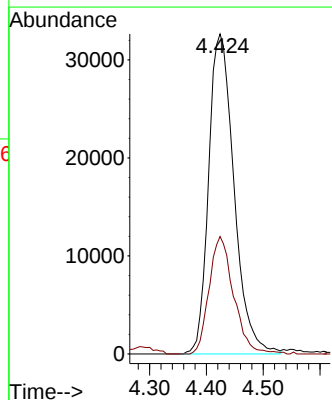
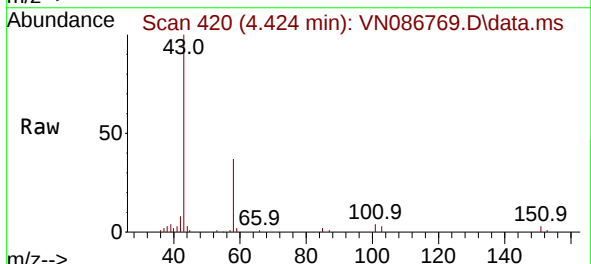
Instrument :
MSVOA_N
ClientSampleId :
VN0523WBS01

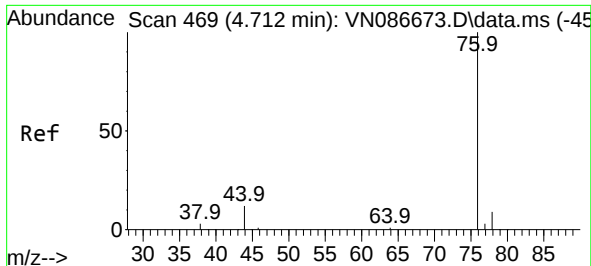
Tgt Ion: 53 Resp: 140444
Ion Ratio Lower Upper
53 100
52 78.6 65.4 98.2
51 33.3 27.9 41.9



#16
Acetone
Concen: 69.215 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN086769.D
Acq: 23 May 2025 11:16

Tgt Ion: 43 Resp: 101257
Ion Ratio Lower Upper
43 100
58 36.7 25.8 38.6

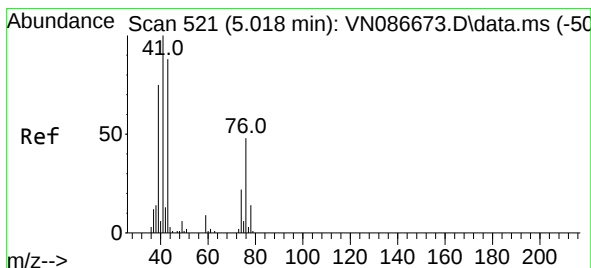
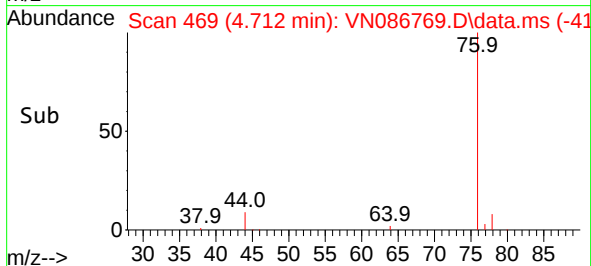
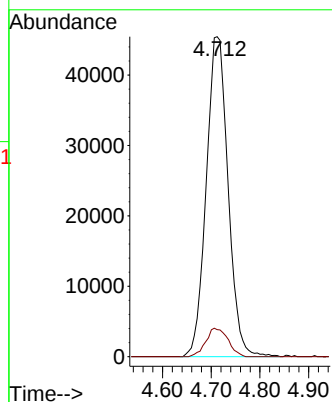
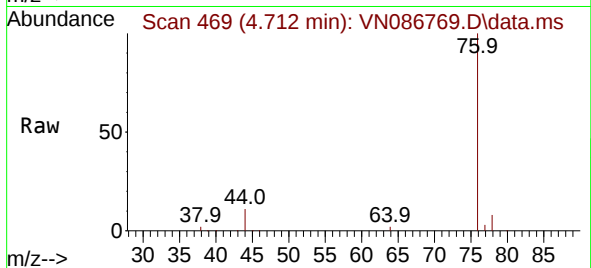




#17
Carbon Disulfide
Concen: 16.186 ug/l
RT: 4.712 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN086769.D
Acq: 23 May 2025 11:16

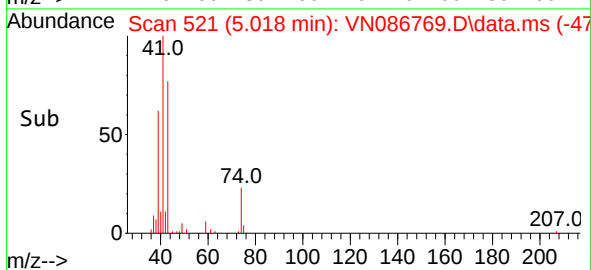
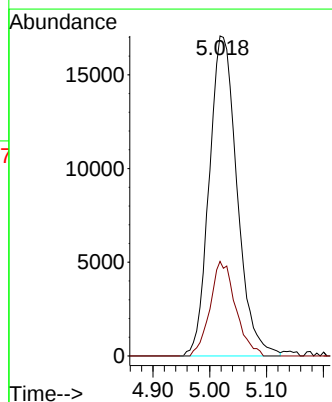
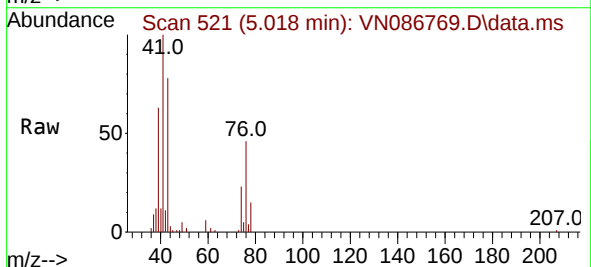
Instrument :
MSVOA_N
ClientSampleId :
VN0523WBS01

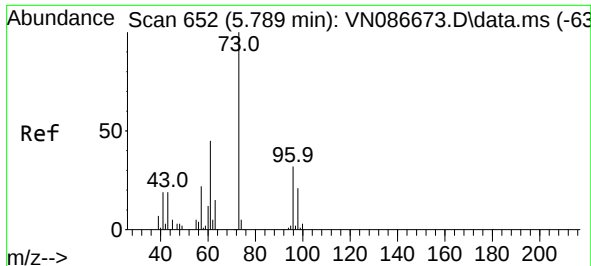
Tgt Ion: 76 Resp: 141467
Ion Ratio Lower Upper
76 100
78 8.5 7.3 10.9



#18
Methyl Acetate
Concen: 14.190 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.000 min
Lab File: VN086769.D
Acq: 23 May 2025 11:16

Tgt Ion: 43 Resp: 58100
Ion Ratio Lower Upper
43 100
74 27.1 20.5 30.7

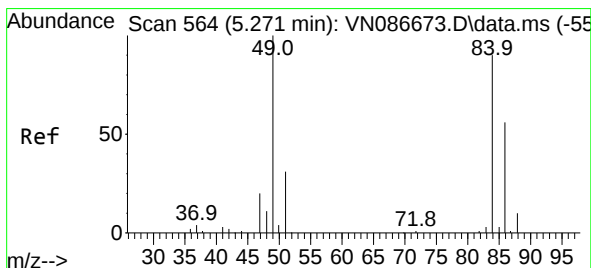
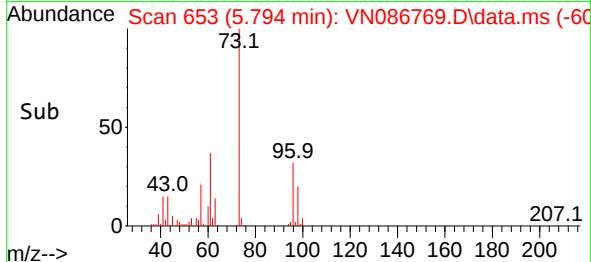
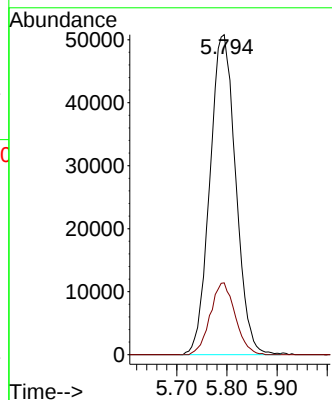
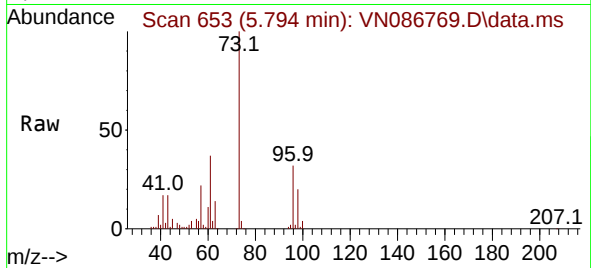




#19
Methyl tert-butyl Ether
Concen: 16.946 ug/l
RT: 5.794 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN086769.D
Acq: 23 May 2025 11:16

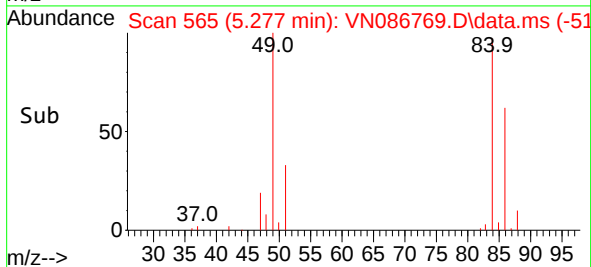
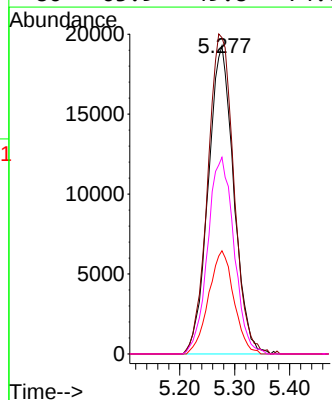
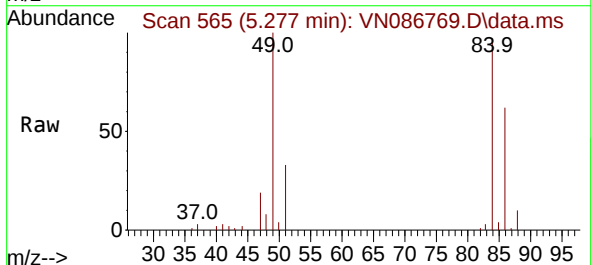
Instrument :
MSVOA_N
ClientSampleId :
VN0523WBS01

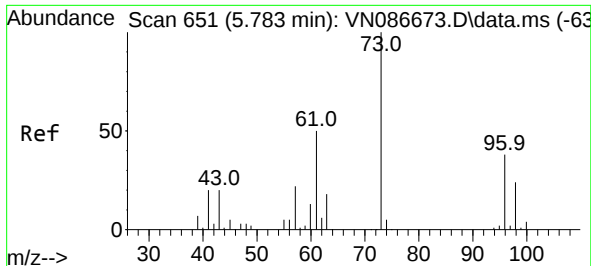
Tgt Ion: 73 Resp: 182151
Ion Ratio Lower Upper
73 100
57 22.5 17.7 26.5



#20
Methylene Chloride
Concen: 16.084 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.006 min
Lab File: VN086769.D
Acq: 23 May 2025 11:16

Tgt Ion: 84 Resp: 62093
Ion Ratio Lower Upper
84 100
49 102.7 88.8 133.2
51 33.5 27.8 41.6
86 63.9 49.8 74.6

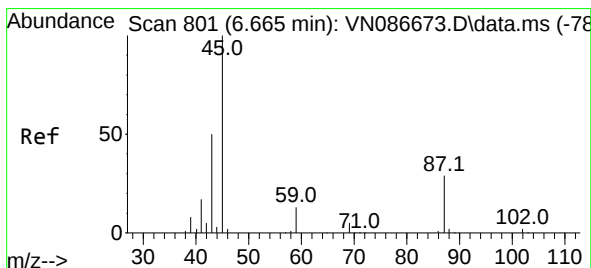
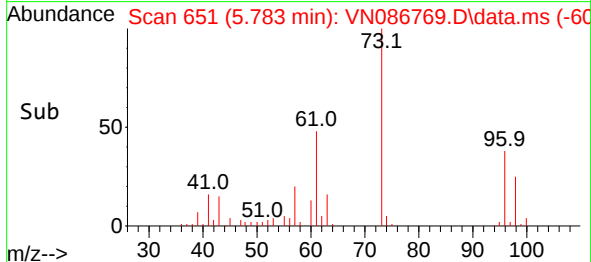
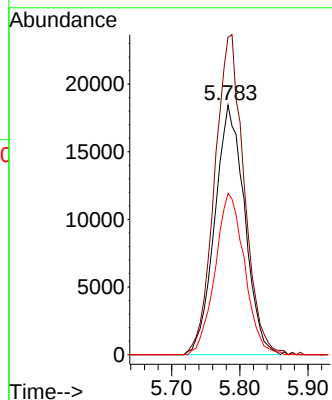
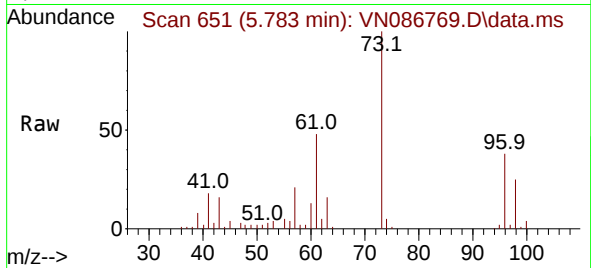




#21
trans-1,2-Dichloroethene
Concen: 16.818 ug/l
RT: 5.783 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN086769.D
Acq: 23 May 2025 11:16

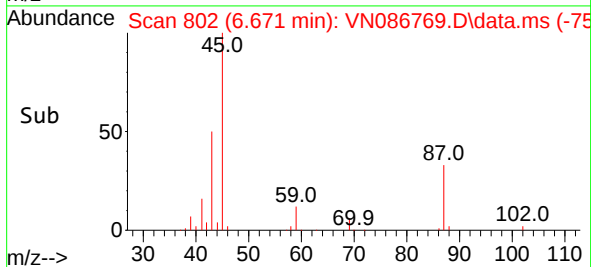
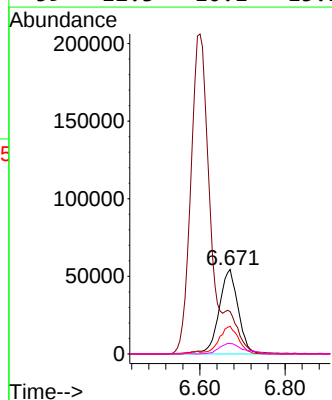
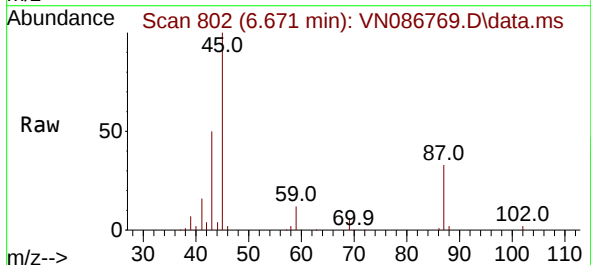
Instrument :
MSVOA_N
ClientSampleId :
VN0523WBS01

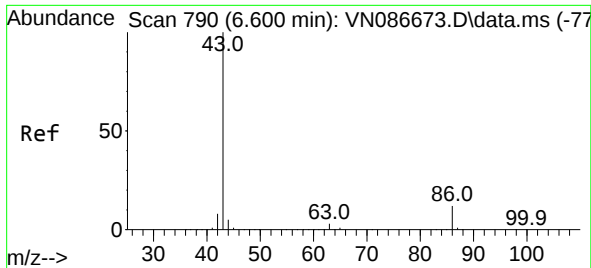
Tgt Ion: 96 Resp: 56131
Ion Ratio Lower Upper
96 100
61 127.2 105.7 158.5
98 64.6 51.0 76.6



#22
Diisopropyl ether
Concen: 15.718 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.006 min
Lab File: VN086769.D
Acq: 23 May 2025 11:16

Tgt Ion: 45 Resp: 169435
Ion Ratio Lower Upper
45 100
43 49.4 41.4 62.2
87 32.8 22.9 34.3
59 12.3 10.1 15.1

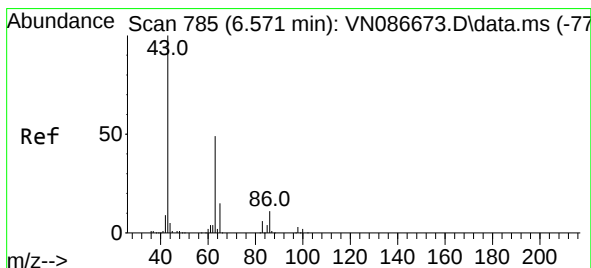
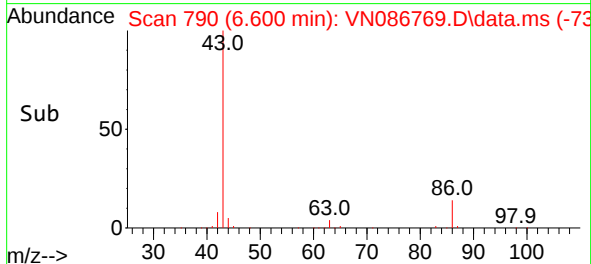
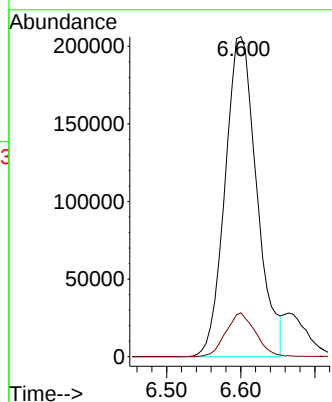
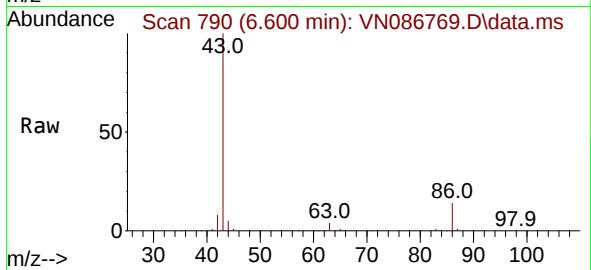




#23
 Vinyl Acetate
 Concen: 75.696 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. -0.000 min
 Lab File: VN086769.D
 Acq: 23 May 2025 11:16

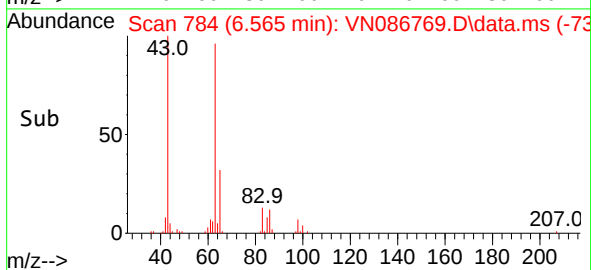
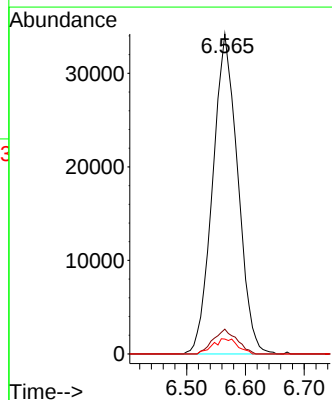
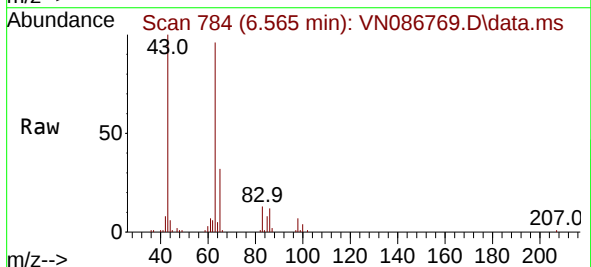
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0523WBS01

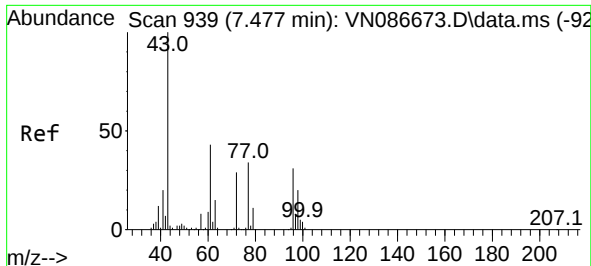
Tgt Ion: 43 Resp: 613252
 Ion Ratio Lower Upper
 43 100
 86 13.7 9.5 14.3



#24
 1,1-Dichloroethane
 Concen: 16.035 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. -0.006 min
 Lab File: VN086769.D
 Acq: 23 May 2025 11:16

Tgt Ion: 63 Resp: 101482
 Ion Ratio Lower Upper
 63 100
 98 7.8 3.4 10.2
 100 4.6 2.4 7.1

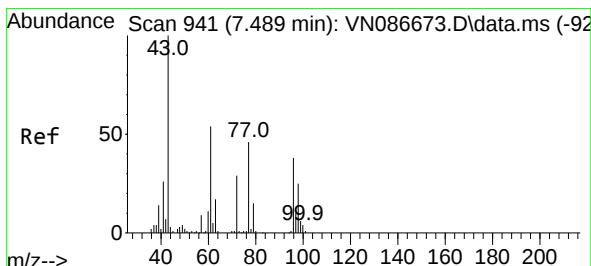
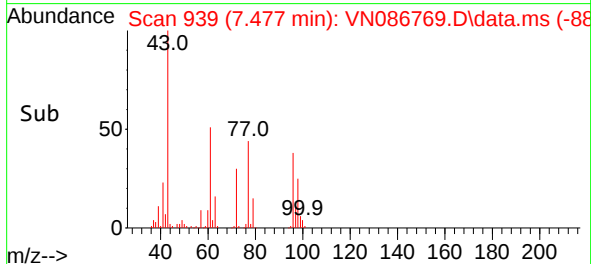
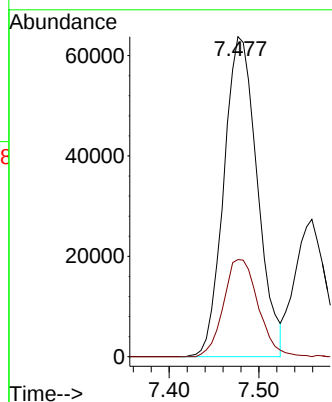
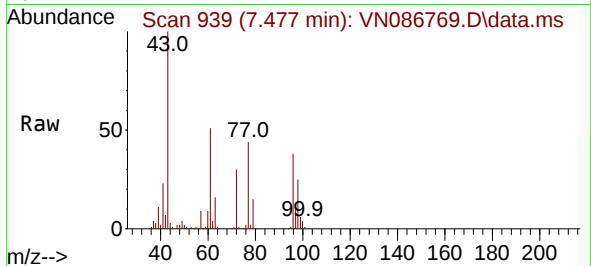




#25
2-Butanone
Concen: 73.194 ug/l
RT: 7.477 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN086769.D
Acq: 23 May 2025 11:16

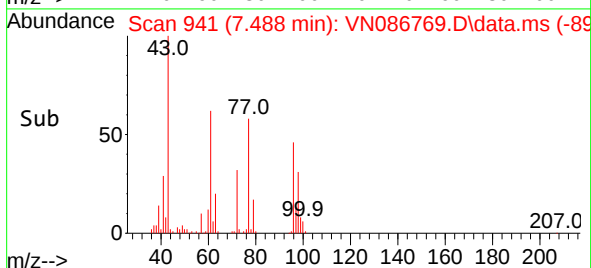
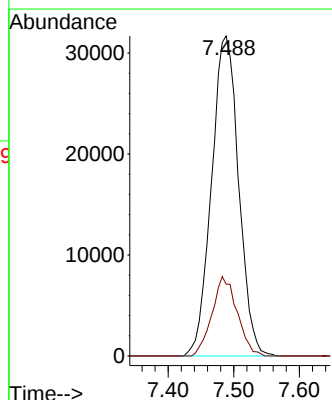
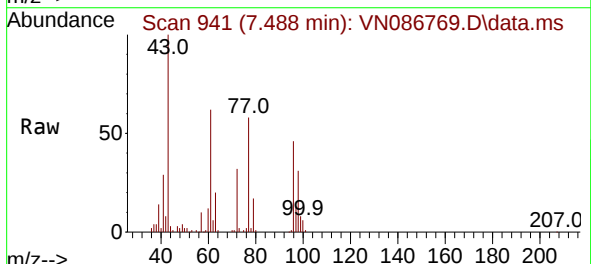
Instrument :
MSVOA_N
ClientSampleId :
VN0523WBS01

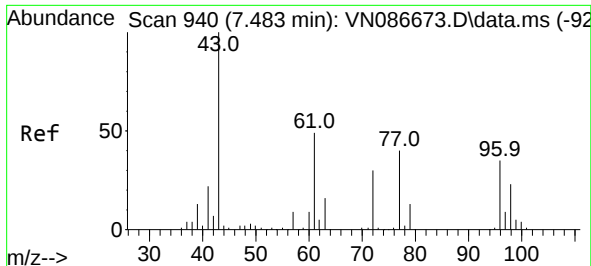
Tgt Ion: 43 Resp: 165465
Ion Ratio Lower Upper
43 100
72 30.3 23.1 34.7



#26
2,2-Dichloropropane
Concen: 17.411 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.000 min
Lab File: VN086769.D
Acq: 23 May 2025 11:16

Tgt Ion: 77 Resp: 90937
Ion Ratio Lower Upper
77 100
97 23.0 11.6 34.7



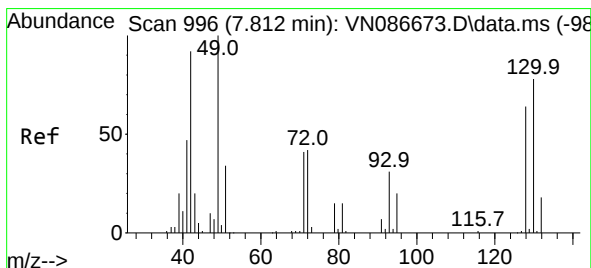
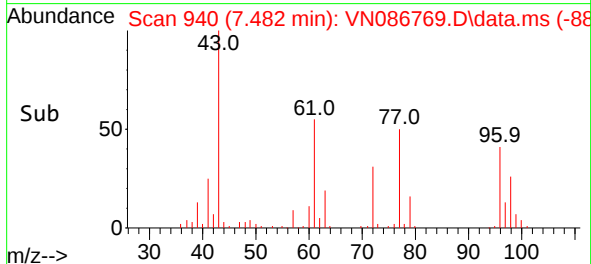
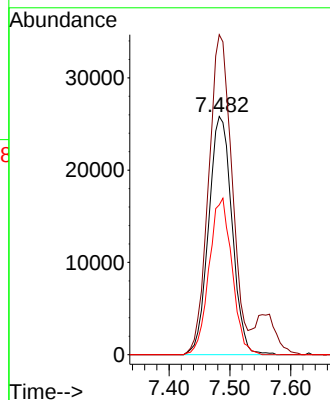
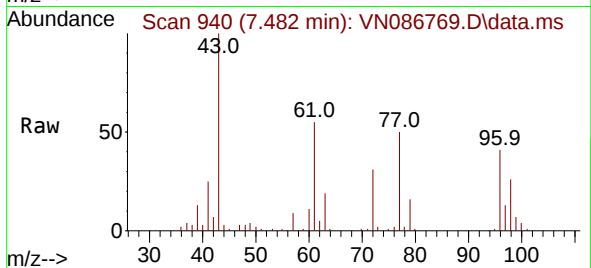


#27
 cis-1,2-Dichloroethene
 Concen: 16.808 ug/l
 RT: 7.482 min Scan# 940
 Delta R.T. -0.000 min
 Lab File: VN086769.D
 Acq: 23 May 2025 11:16

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0523WBS01

Tgt Ion: 96 Resp: 68857

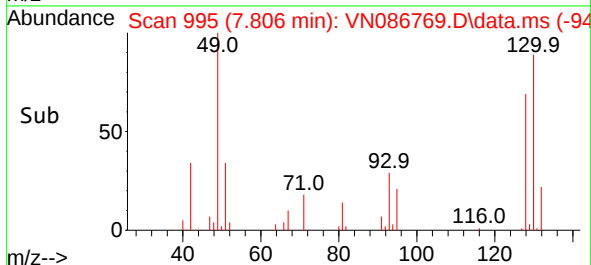
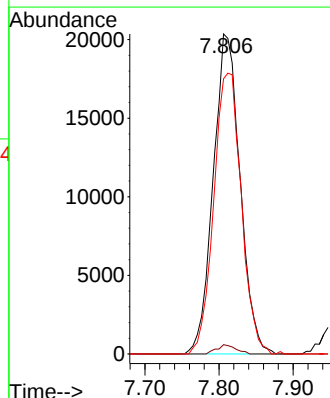
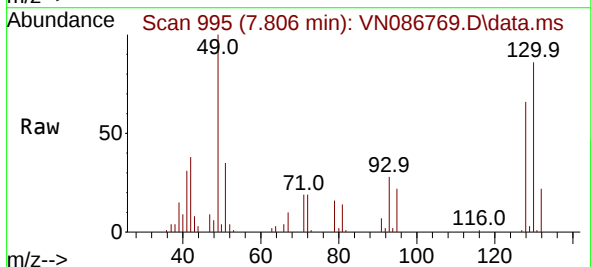
Ion	Ratio	Lower	Upper
96	100		
61	134.1	0.0	277.4
98	64.5	0.0	129.6

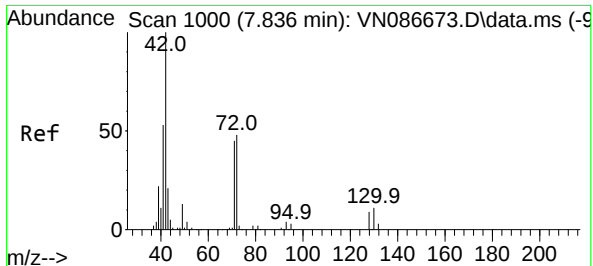


#28
 Bromochloromethane
 Concen: 17.817 ug/l
 RT: 7.806 min Scan# 995
 Delta R.T. -0.006 min
 Lab File: VN086769.D
 Acq: 23 May 2025 11:16

Tgt Ion: 49 Resp: 51232

Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	3.8
130	89.9	62.2	93.4





#29

Tetrahydrofuran

Concen: 74.907 ug/l

RT: 7.835 min Scan# 1000

Delta R.T. -0.000 min

Lab File: VN086769.D

Acq: 23 May 2025 11:16

Instrument :

MSVOA_N

ClientSampleId :

VN0523WBS01

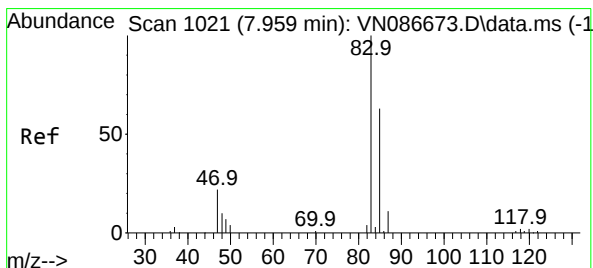
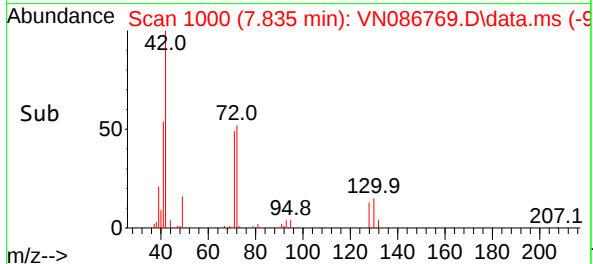
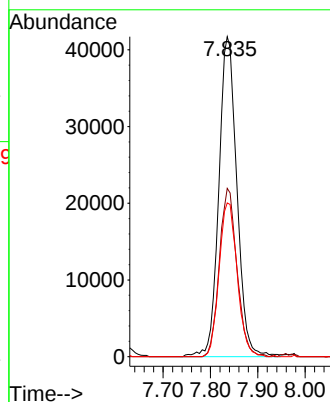
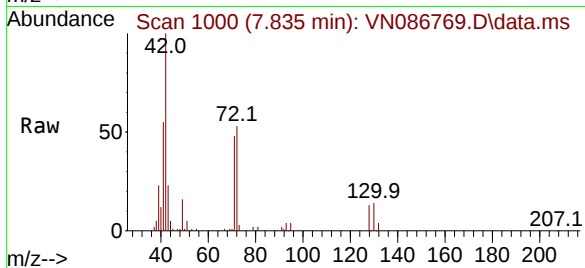
Tgt Ion: 42 Resp: 110529

Ion Ratio Lower Upper

42 100

72 51.4 38.7 58.1

71 48.2 36.2 54.4



#30

Chloroform

Concen: 16.376 ug/l

RT: 7.959 min Scan# 1021

Delta R.T. -0.000 min

Lab File: VN086769.D

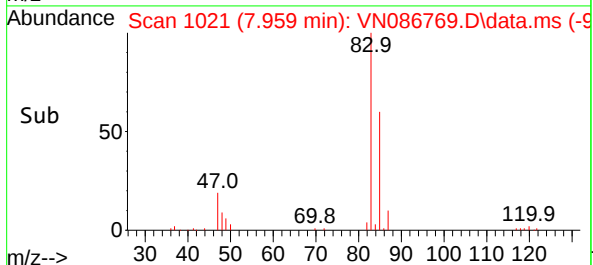
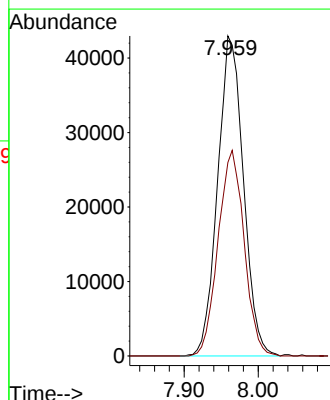
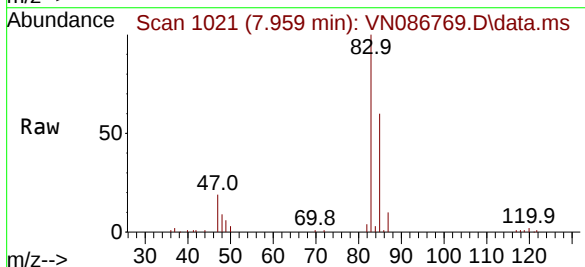
Acq: 23 May 2025 11:16

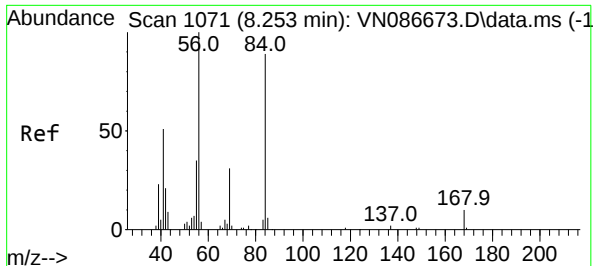
Tgt Ion: 83 Resp: 103737

Ion Ratio Lower Upper

83 100

85 60.5 50.2 75.4

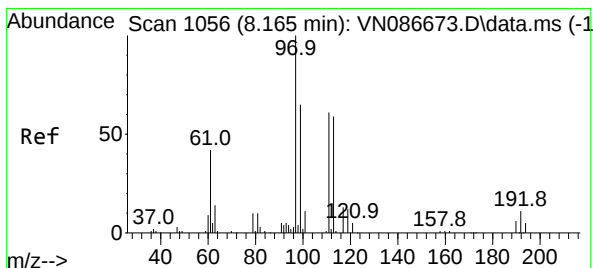
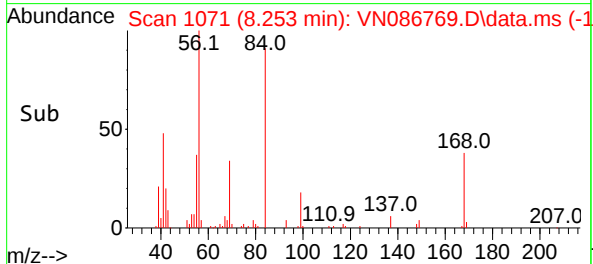
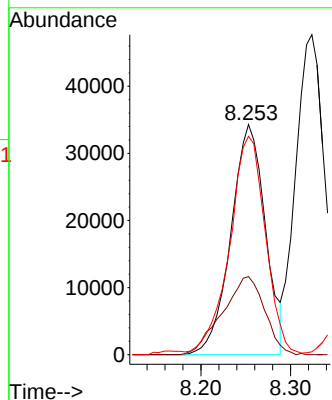
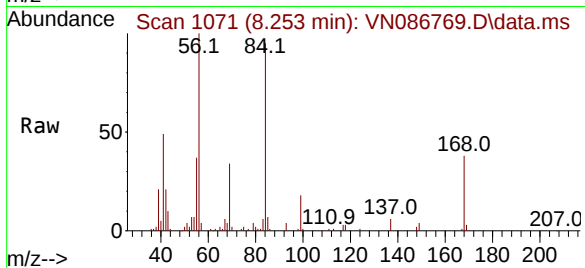




#31
Cyclohexane
Concen: 15.596 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. -0.000 min
Lab File: VN086769.D
Acq: 23 May 2025 11:16

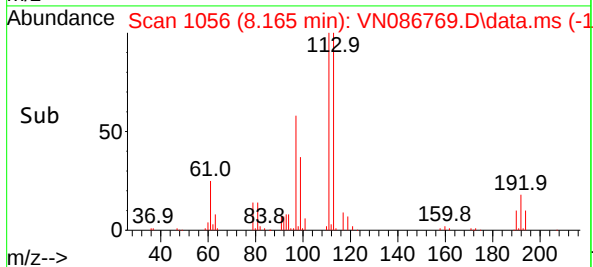
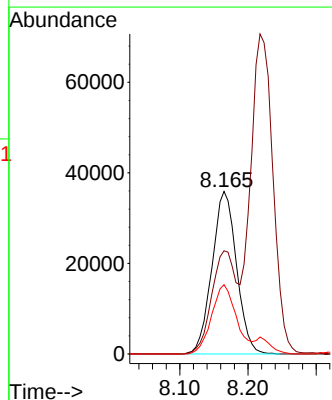
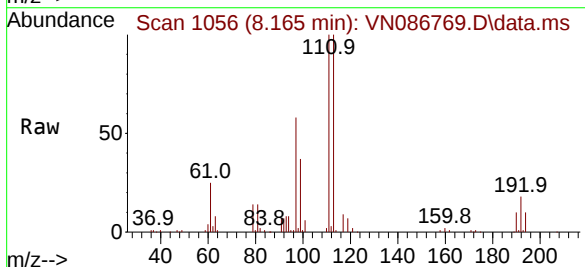
Instrument :
MSVOA_N
ClientSampleId :
VN0523WBS01

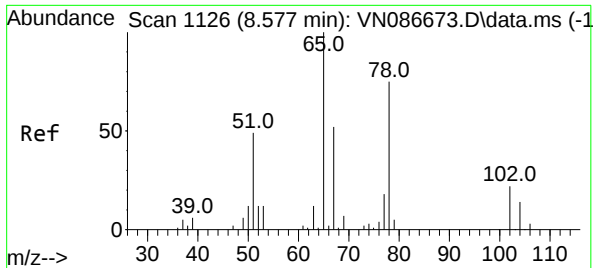
Tgt Ion: 56 Resp: 91542
Ion Ratio Lower Upper
56 100
69 33.9 25.0 37.6
84 93.4 71.0 106.4



#32
1,1,1-Trichloroethane
Concen: 16.815 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN086769.D
Acq: 23 May 2025 11:16

Tgt Ion: 97 Resp: 89808
Ion Ratio Lower Upper
97 100
99 65.2 52.6 79.0
61 43.3 37.7 56.5





#33

1,2-Dichloroethane-d4

Concen: 41.867 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN086769.D

Acq: 23 May 2025 11:16

Instrument :

MSVOA_N

ClientSampleId :

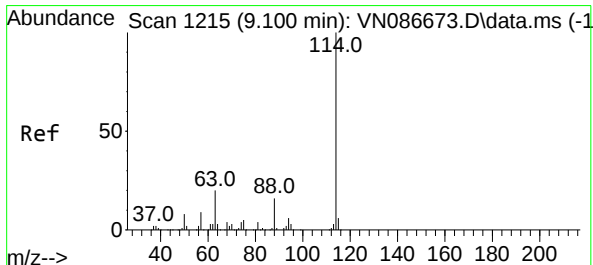
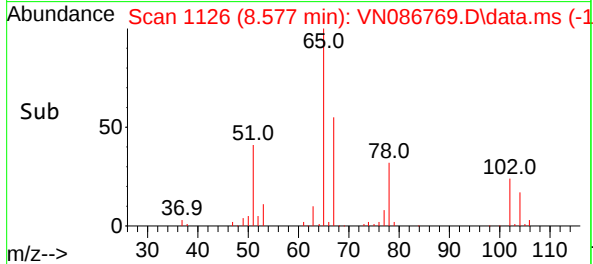
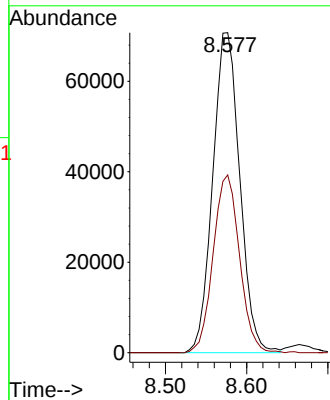
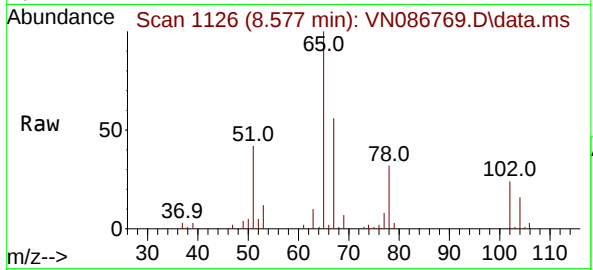
VN0523WBS01

Tgt Ion: 65 Resp: 163735

Ion Ratio Lower Upper

65 100

67 54.2 0.0 106.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.000 min

Lab File: VN086769.D

Acq: 23 May 2025 11:16

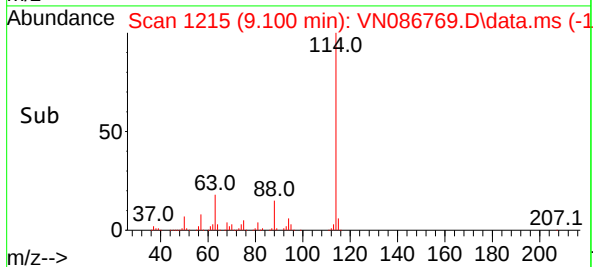
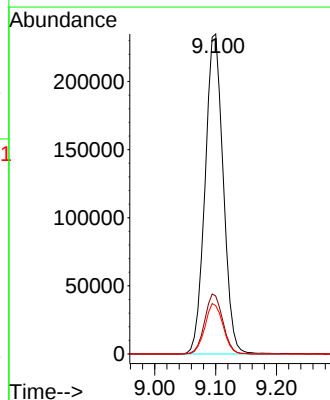
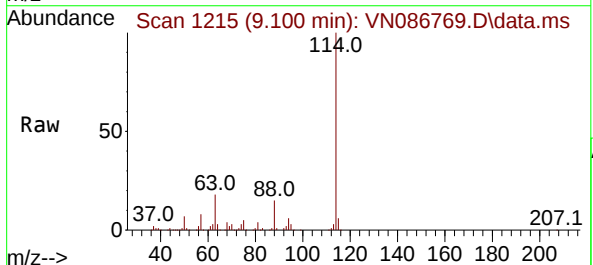
Tgt Ion: 114 Resp: 485622

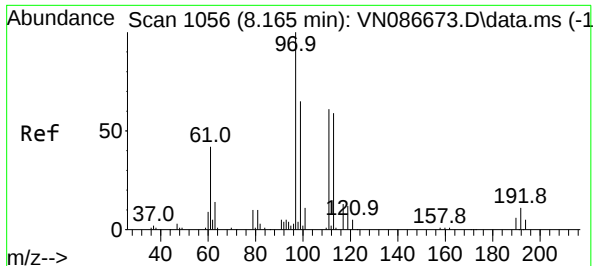
Ion Ratio Lower Upper

114 100

63 18.1 0.0 40.2

88 15.1 0.0 31.2





#35

Dibromofluoromethane

Concen: 49.590 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN086769.D

Acq: 23 May 2025 11:16

Instrument :

MSVOA_N

ClientSampleId :

VN0523WBS01

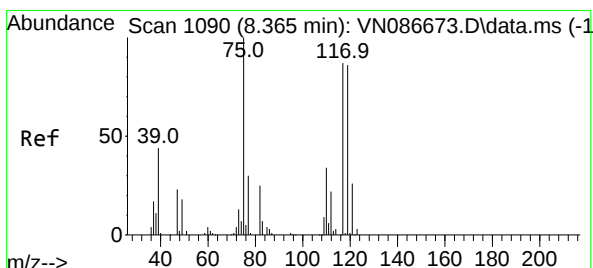
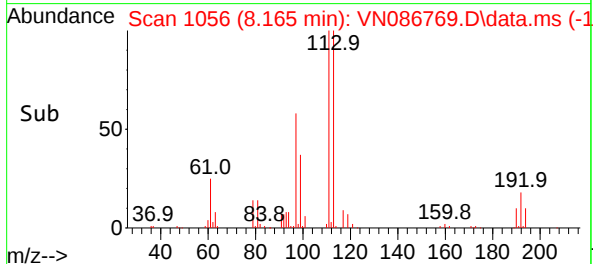
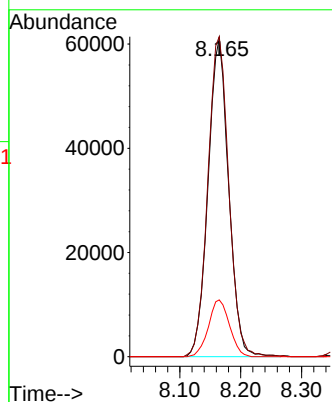
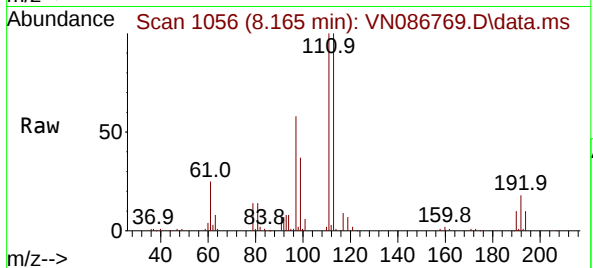
Tgt Ion:113 Resp: 143418

Ion Ratio Lower Upper

113 100

111 102.6 82.2 123.2

192 18.2 13.8 20.8



#36

1,1-Dichloropropene

Concen: 17.431 ug/l

RT: 8.365 min Scan# 1090

Delta R.T. -0.000 min

Lab File: VN086769.D

Acq: 23 May 2025 11:16

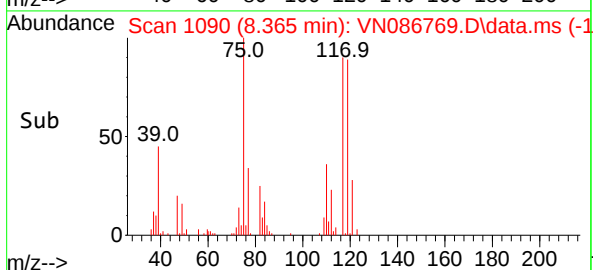
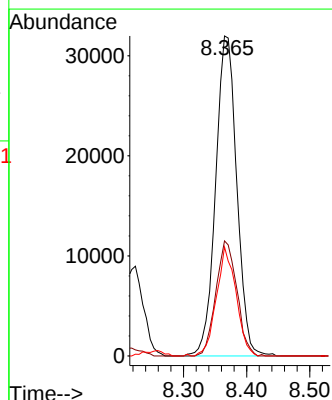
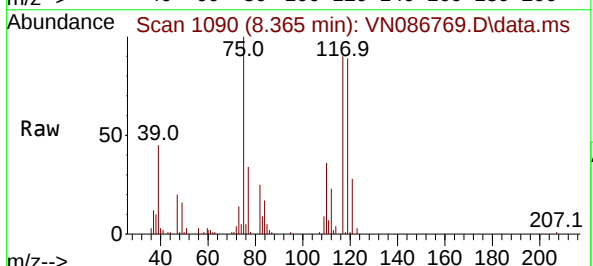
Tgt Ion: 75 Resp: 74361

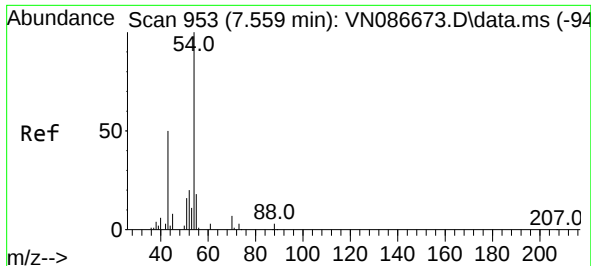
Ion Ratio Lower Upper

75 100

110 35.7 17.5 52.5

77 31.6 25.1 37.7

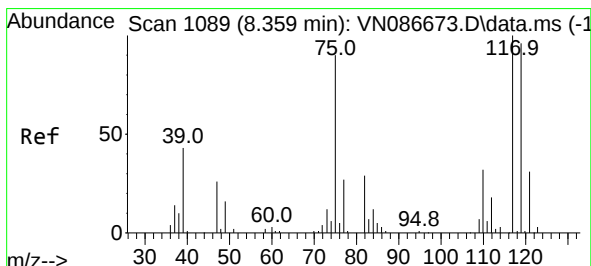
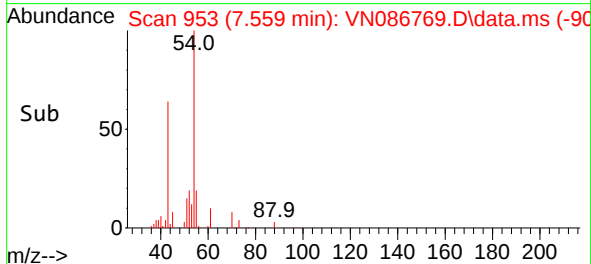
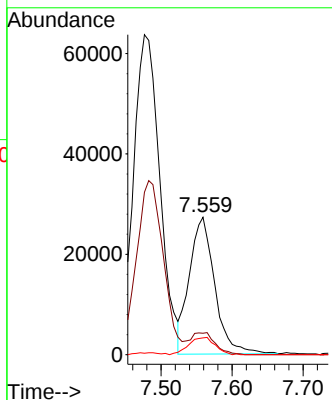
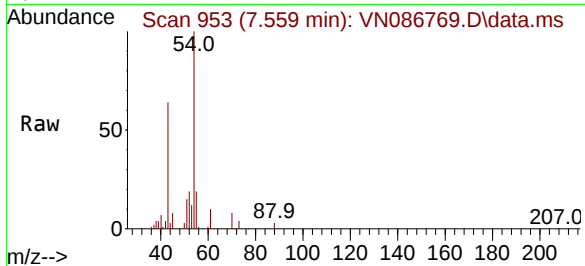




#37
Ethyl Acetate
Concen: 15.756 ug/l
RT: 7.559 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN086769.D
Acq: 23 May 2025 11:16

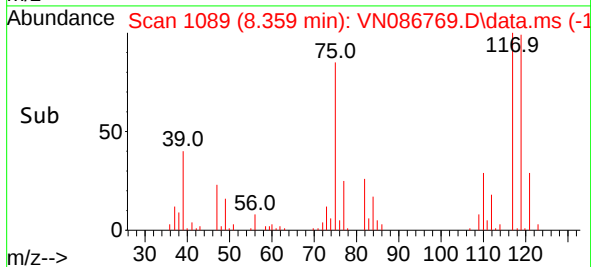
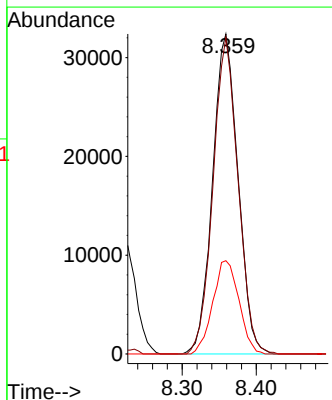
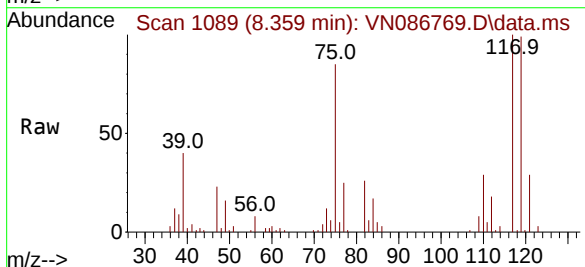
Instrument :
MSVOA_N
ClientSampleId :
VN0523WBS01

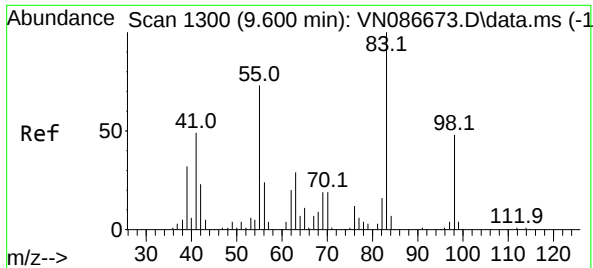
Tgt Ion: 43 Resp: 67896
Ion Ratio Lower Upper
43 100
61 15.0 11.6 17.4
70 13.1 9.4 14.0



#38
Carbon Tetrachloride
Concen: 18.379 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VN086769.D
Acq: 23 May 2025 11:16

Tgt Ion: 117 Resp: 77251
Ion Ratio Lower Upper
117 100
119 98.9 77.0 115.6
121 29.2 25.0 37.6





#39

Methylcyclohexane

Concen: 18.152 ug/l

RT: 9.594 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VN086769.D

Acq: 23 May 2025 11:16

Instrument :

MSVOA_N

ClientSampleId :

VN0523WBS01

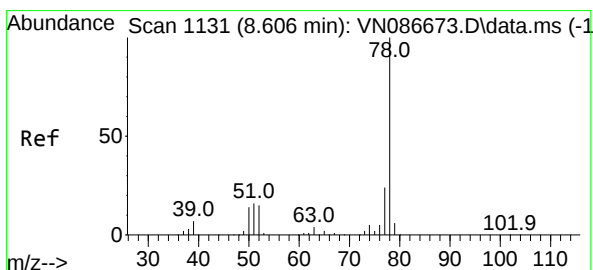
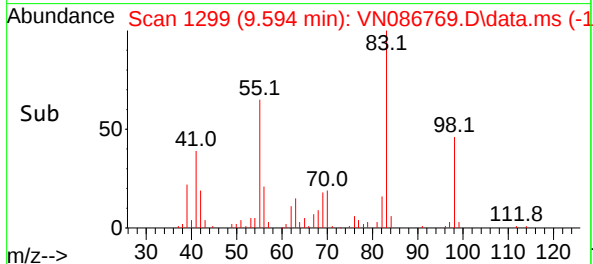
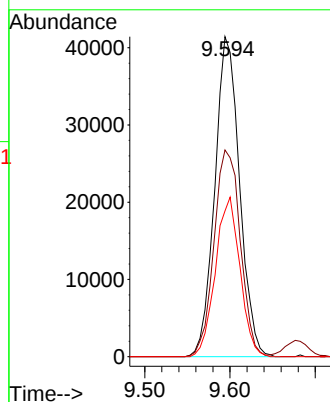
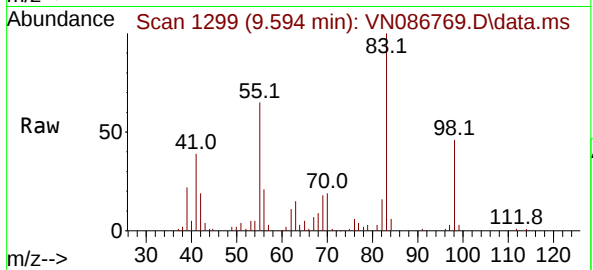
Tgt Ion: 83 Resp: 83807

Ion Ratio Lower Upper

83 100

55 64.6 58.2 87.4

98 45.5 38.4 57.6



#40

Benzene

Concen: 17.546 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VN086769.D

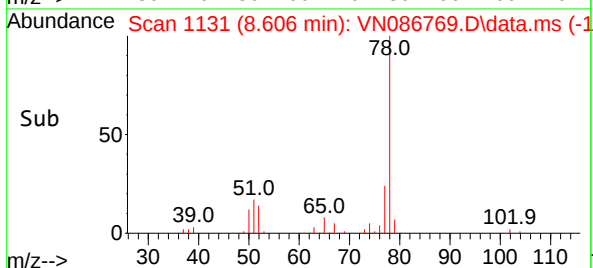
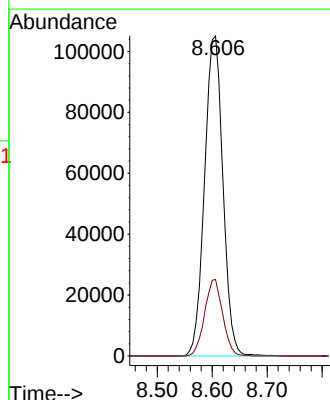
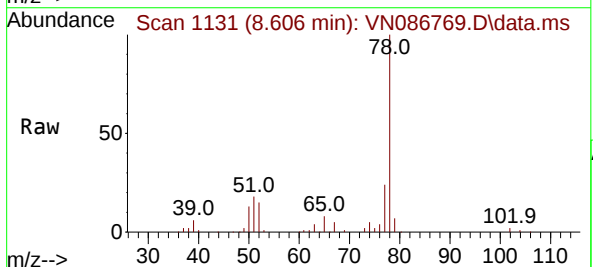
Acq: 23 May 2025 11:16

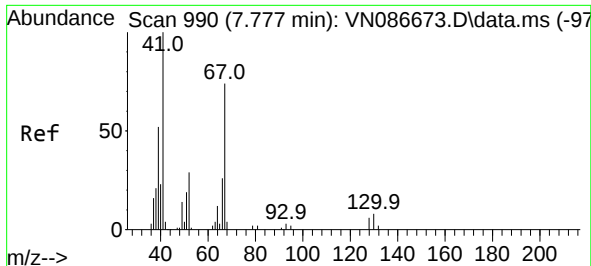
Tgt Ion: 78 Resp: 244180

Ion Ratio Lower Upper

78 100

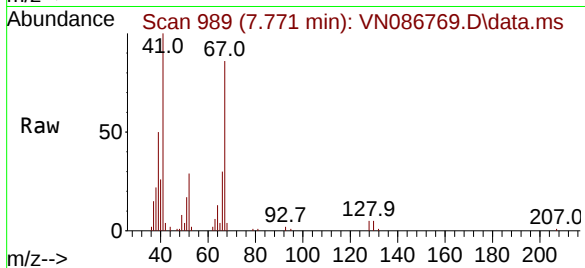
77 23.9 19.1 28.7



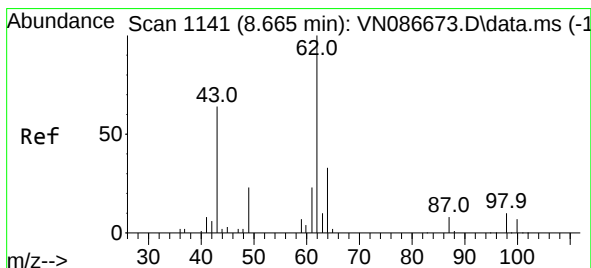
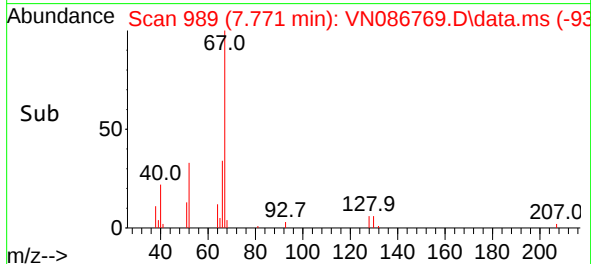
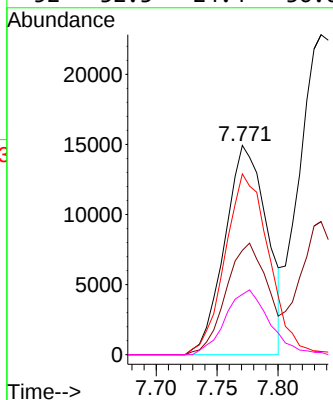


#41
Methacrylonitrile
Concen: 15.455 ug/l
RT: 7.771 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN086769.D
Acq: 23 May 2025 11:16

Instrument :
MSVOA_N
ClientSampleId :
VN0523WBS01

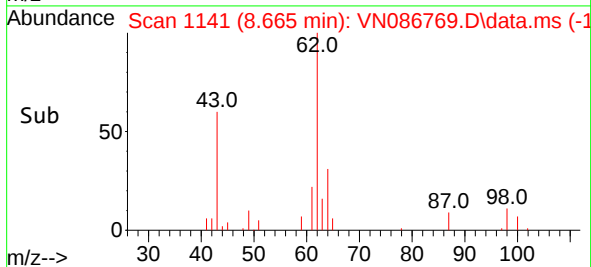
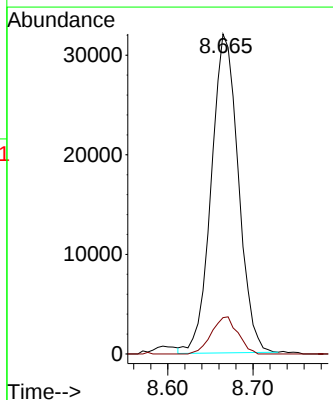
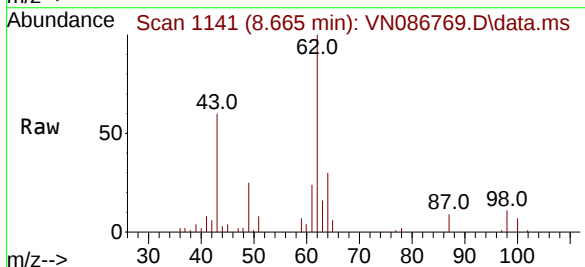


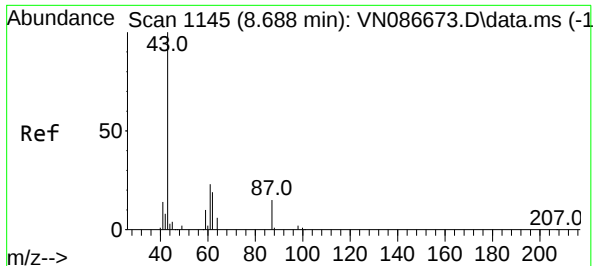
Tgt Ion:	41	Resp:	35959
Ion Ratio	Lower	Upper	
41	100		
39	52.4	44.9	67.3
67	90.2	63.4	95.0
52	32.3	24.4	36.6



#42
1,2-Dichloroethane
Concen: 16.317 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. -0.000 min
Lab File: VN086769.D
Acq: 23 May 2025 11:16

Tgt Ion:	62	Resp:	70744
Ion Ratio	Lower	Upper	
62	100		
98	11.3	0.0	19.2

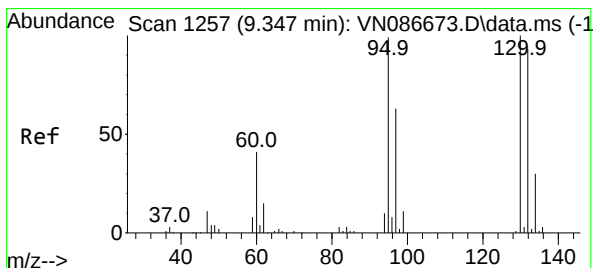
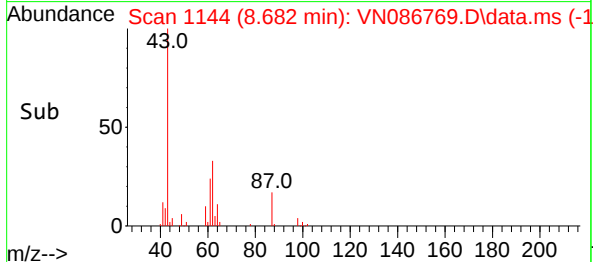
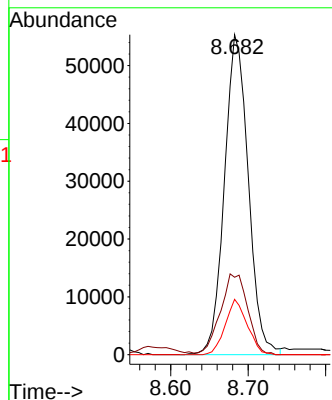
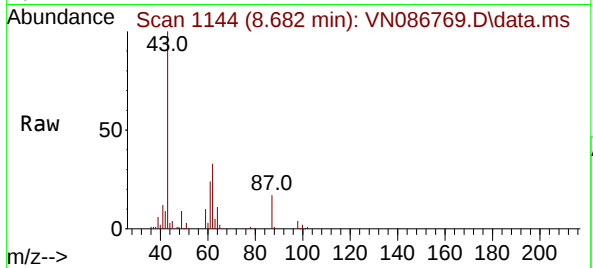




#43
Isopropyl Acetate
Concen: 13.762 ug/l
RT: 8.682 min Scan# 1144
Delta R.T. -0.006 min
Lab File: VN086769.D
Acq: 23 May 2025 11:16

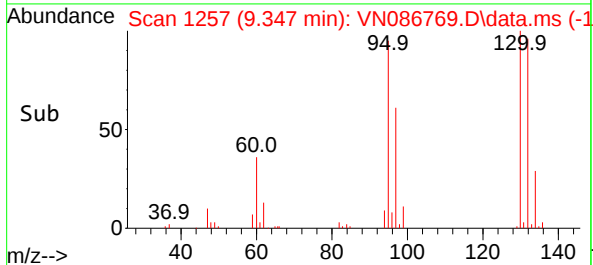
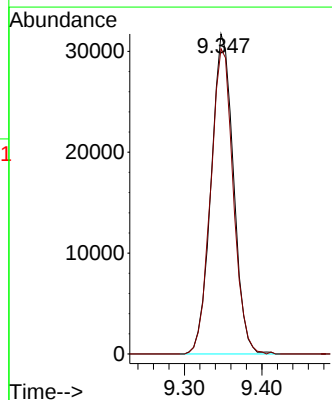
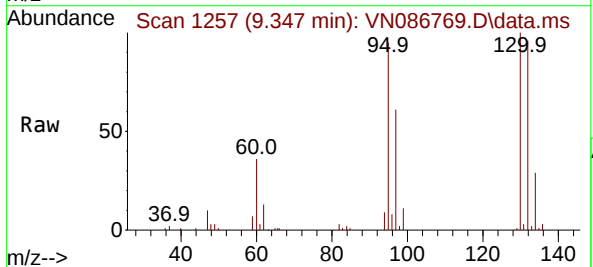
Instrument :
MSVOA_N
ClientSampleId :
VN0523WBS01

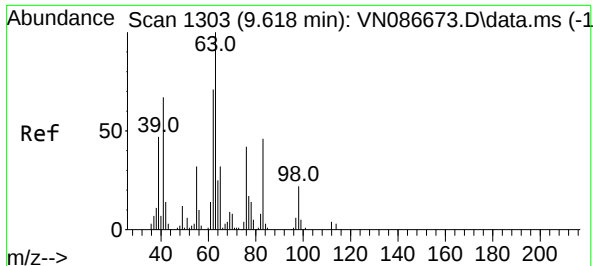
Tgt Ion: 43 Resp: 118884
Ion Ratio Lower Upper
43 100
61 28.8 21.4 32.2
87 15.8 11.1 16.7



#44
Trichloroethene
Concen: 18.907 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. -0.000 min
Lab File: VN086769.D
Acq: 23 May 2025 11:16

Tgt Ion:130 Resp: 63461
Ion Ratio Lower Upper
130 100
95 95.4 0.0 197.0





#45

1,2-Dichloropropane

Concen: 16.920 ug/l

RT: 9.618 min Scan# 1303

Delta R.T. -0.000 min

Lab File: VN086769.D

Acq: 23 May 2025 11:16

Instrument :

MSVOA_N

ClientSampleId :

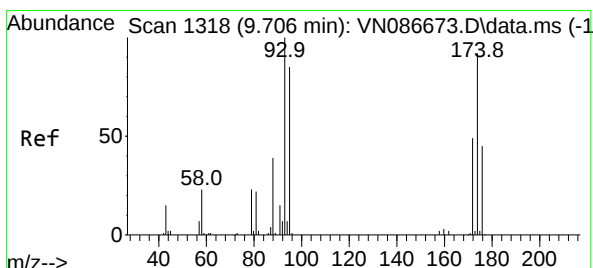
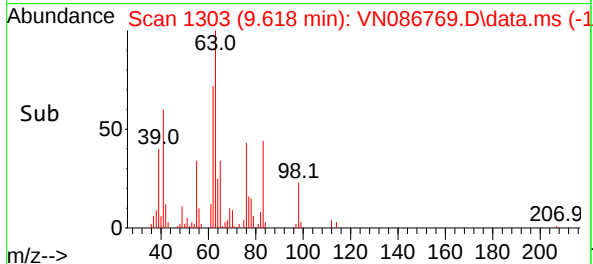
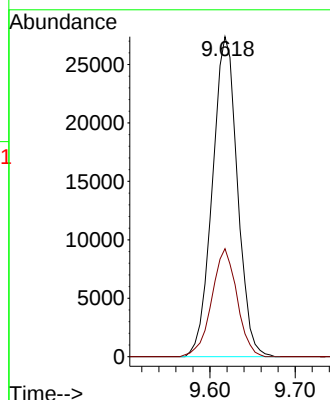
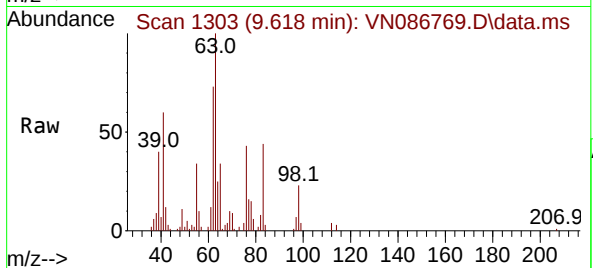
VN0523WBS01

Tgt Ion: 63 Resp: 55934

Ion Ratio Lower Upper

63 100

65 33.7 25.8 38.6



#46

Dibromomethane

Concen: 17.729 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. -0.000 min

Lab File: VN086769.D

Acq: 23 May 2025 11:16

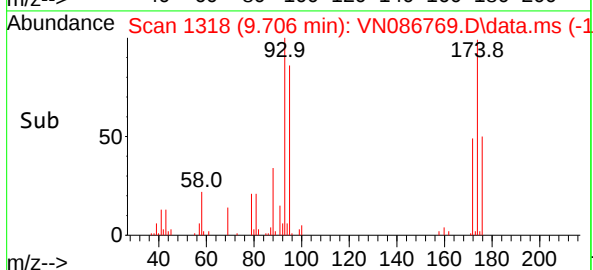
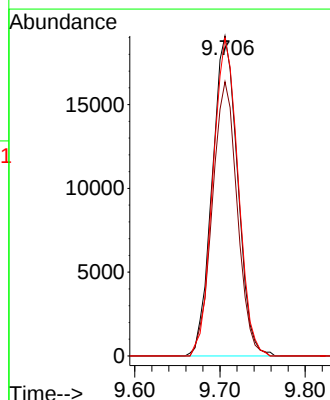
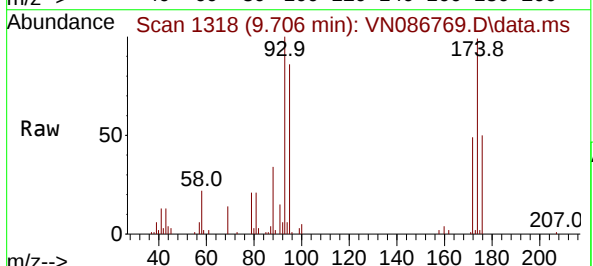
Tgt Ion: 93 Resp: 39549

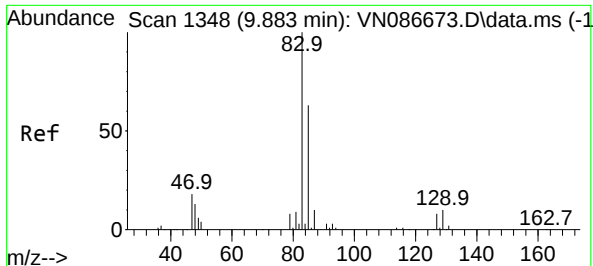
Ion Ratio Lower Upper

93 100

95 83.9 67.1 100.7

174 98.2 73.8 110.6

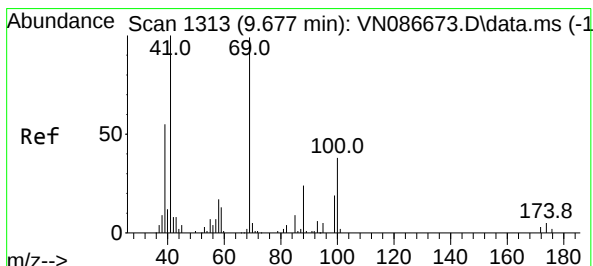
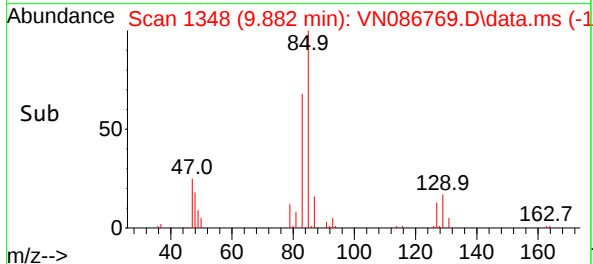
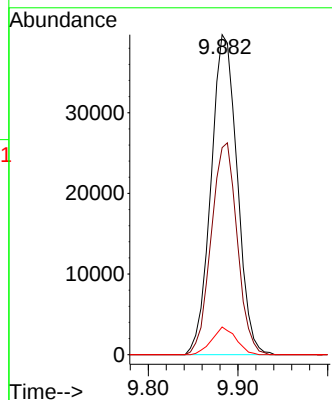
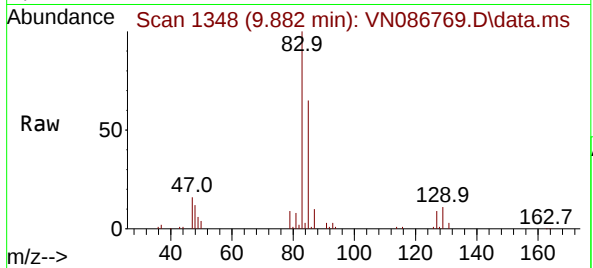




#47
Bromodichloromethane
Concen: 17.489 ug/l
RT: 9.882 min Scan# 1348
Delta R.T. -0.000 min
Lab File: VN086769.D
Acq: 23 May 2025 11:16

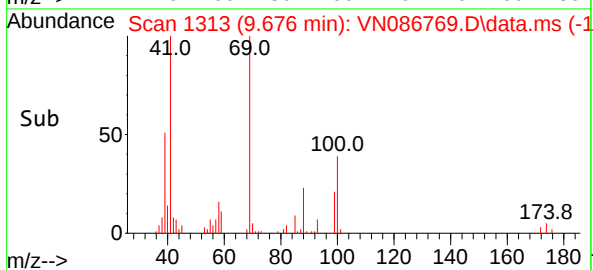
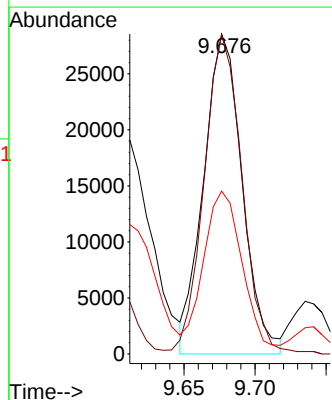
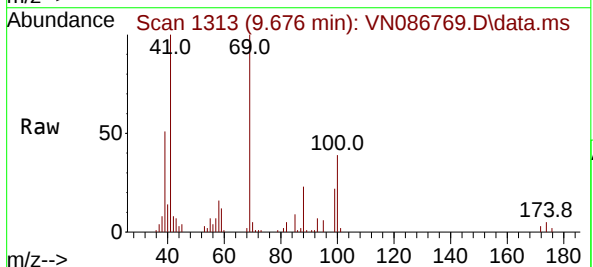
Instrument :
MSVOA_N
ClientSampleId :
VN0523WBS01

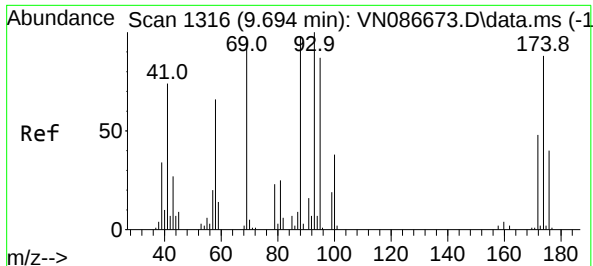
Tgt Ion: 83 Resp: 80381
Ion Ratio Lower Upper
83 100
85 64.7 50.1 75.1
127 8.6 6.2 9.4



#48
Methyl methacrylate
Concen: 16.085 ug/l
RT: 9.676 min Scan# 1313
Delta R.T. -0.000 min
Lab File: VN086769.D
Acq: 23 May 2025 11:16

Tgt Ion: 41 Resp: 53844
Ion Ratio Lower Upper
41 100
69 98.5 74.1 111.1
39 52.2 44.1 66.1





#49

1,4-Dioxane

Concen: 350.284 ug/l

RT: 9.694 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN086769.D

Acq: 23 May 2025 11:16

Instrument :

MSVOA_N

ClientSampleId :

VN0523WBS01

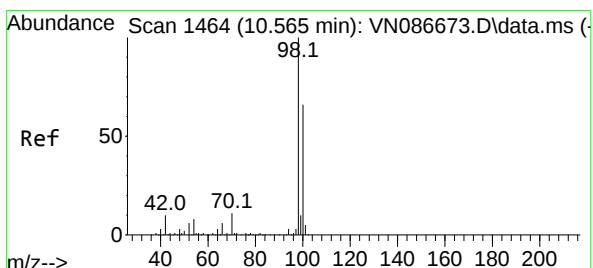
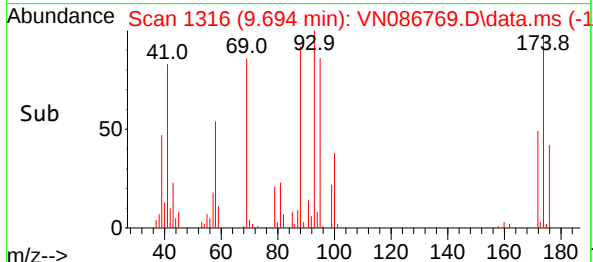
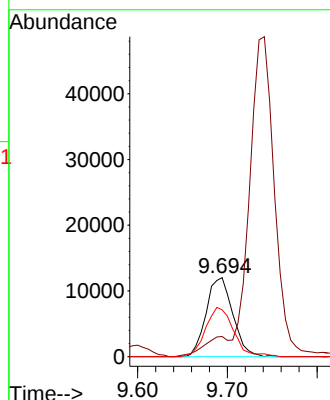
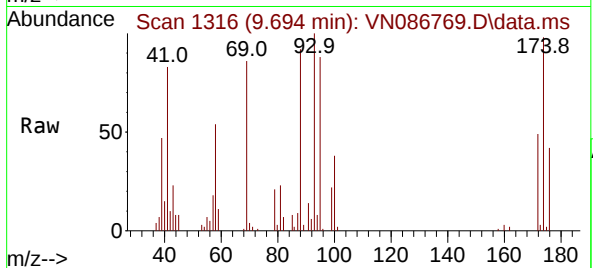
Tgt Ion: 88 Resp: 24829

Ion Ratio Lower Upper

88 100

43 22.9 23.6 35.4#

58 65.6 55.3 82.9



#50

Toluene-d8

Concen: 49.564 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN086769.D

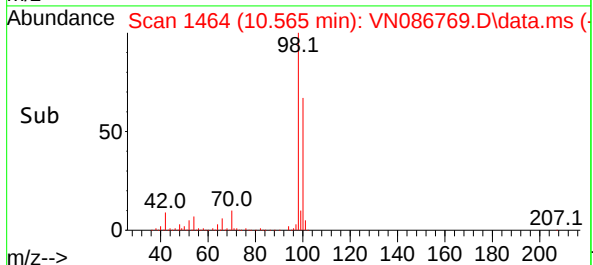
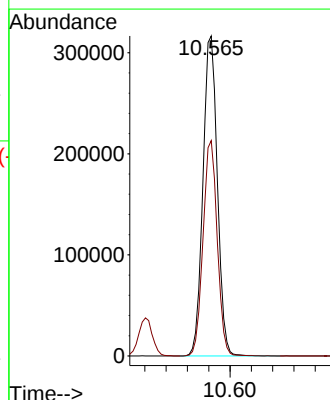
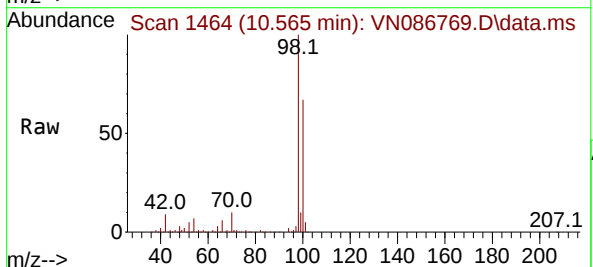
Acq: 23 May 2025 11:16

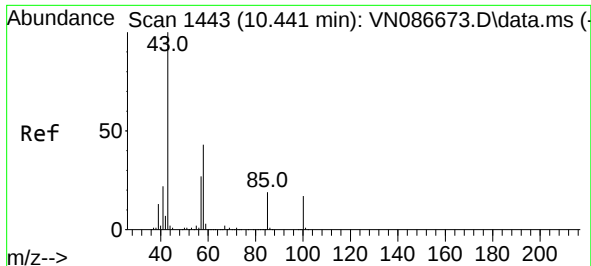
Tgt Ion: 98 Resp: 594026

Ion Ratio Lower Upper

98 100

100 66.3 52.9 79.3

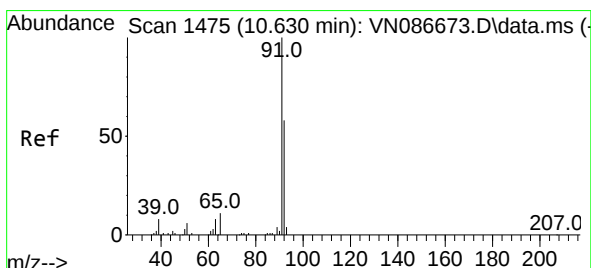
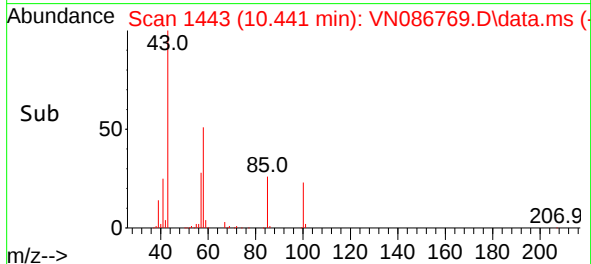
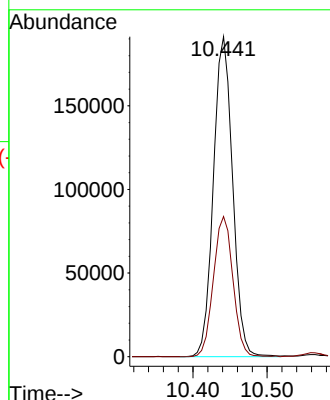
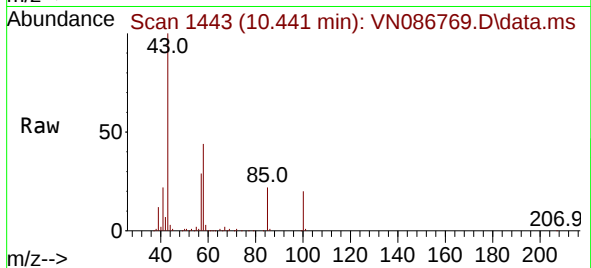




#51
4-Methyl-2-Pentanone
Concen: 79.106 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. -0.000 min
Lab File: VN086769.D
Acq: 23 May 2025 11:16

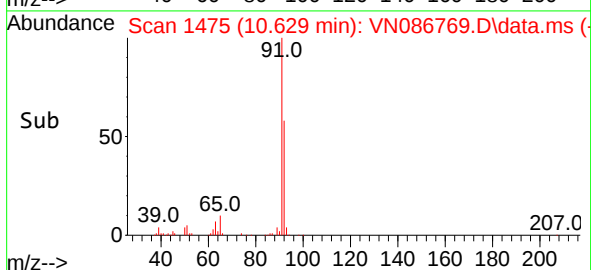
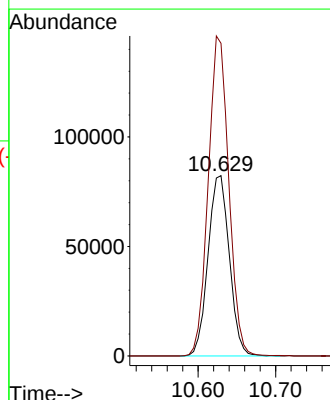
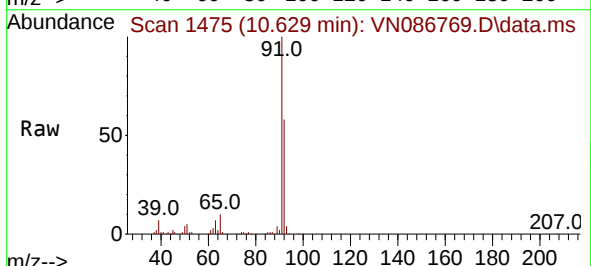
Instrument :
MSVOA_N
ClientSampleId :
VN0523WBS01

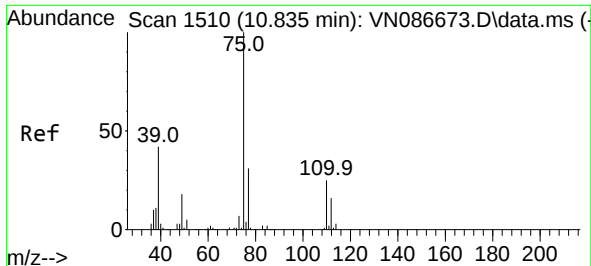
Tgt Ion: 43 Resp: 344618
Ion Ratio Lower Upper
43 100
58 44.5 33.9 50.9



#52
Toluene
Concen: 18.166 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN086769.D
Acq: 23 May 2025 11:16

Tgt Ion: 92 Resp: 157119
Ion Ratio Lower Upper
92 100
91 171.2 137.8 206.8

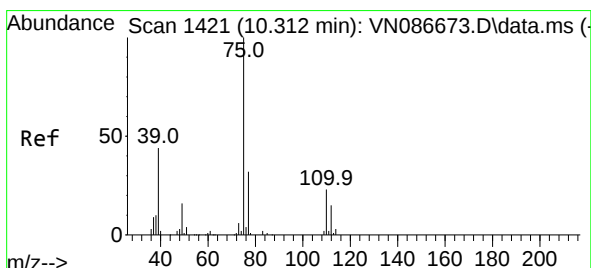
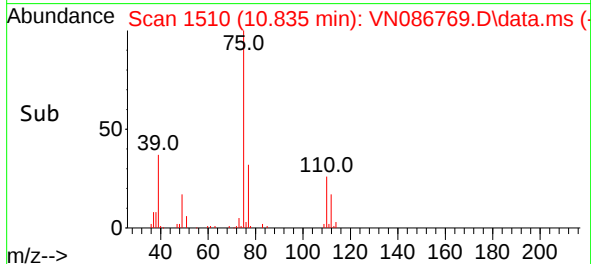
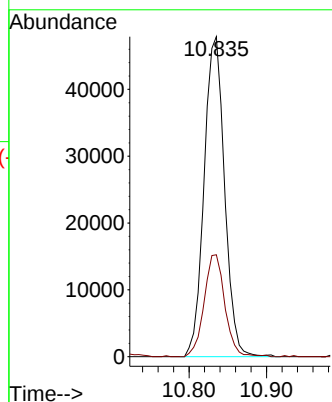
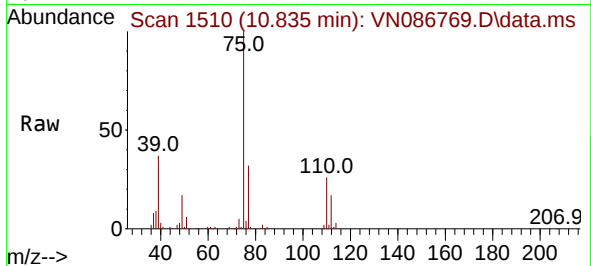




#53
t-1,3-Dichloropropene
Concen: 18.047 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. -0.000 min
Lab File: VN086769.D
Acq: 23 May 2025 11:16

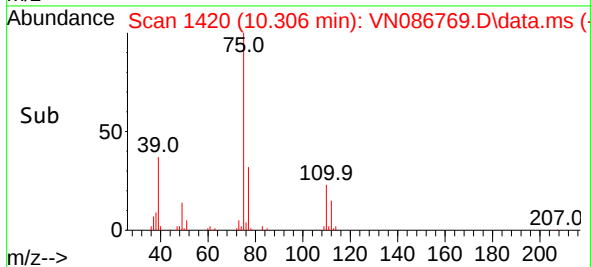
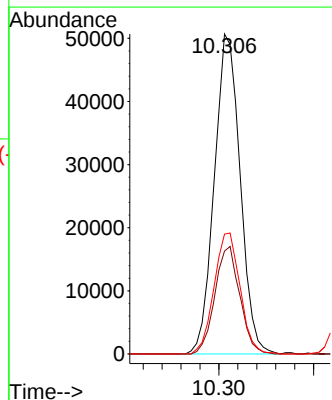
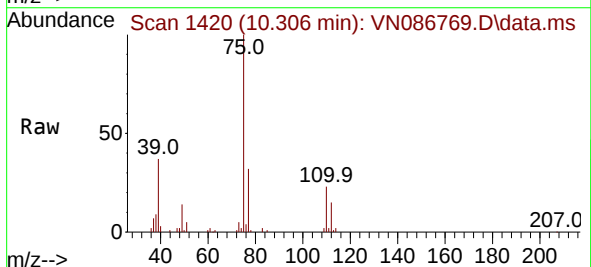
Instrument :
MSVOA_N
ClientSampleId :
VN0523WBS01

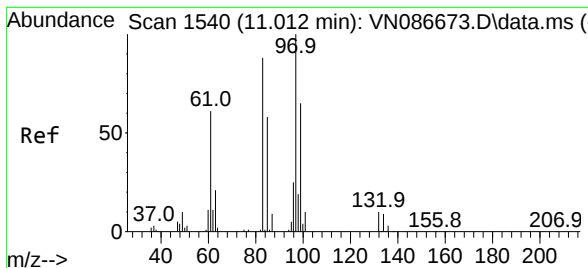
Tgt Ion: 75 Resp: 87821
Ion Ratio Lower Upper
75 100
77 31.8 25.2 37.8



#54
cis-1,3-Dichloropropene
Concen: 18.062 ug/l
RT: 10.306 min Scan# 1420
Delta R.T. -0.006 min
Lab File: VN086769.D
Acq: 23 May 2025 11:16

Tgt Ion: 75 Resp: 95950
Ion Ratio Lower Upper
75 100
77 32.2 25.3 37.9
39 37.4 35.2 52.8

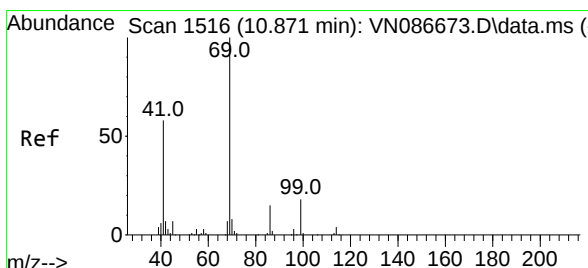
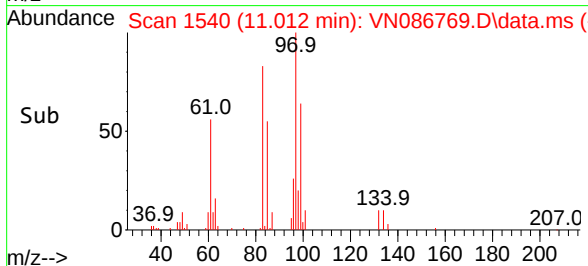
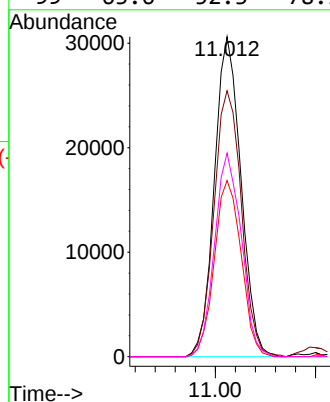
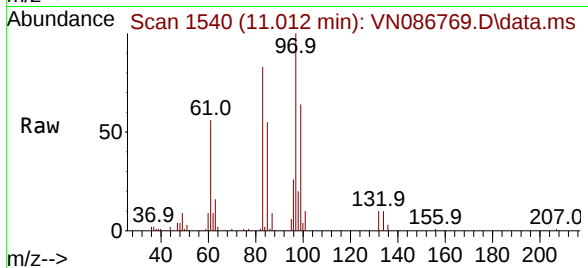




#55
 1,1,2-Trichloroethane
 Concen: 17.426 ug/l
 RT: 11.012 min Scan# 1540
 Delta R.T. -0.000 min
 Lab File: VN086769.D
 Acq: 23 May 2025 11:16

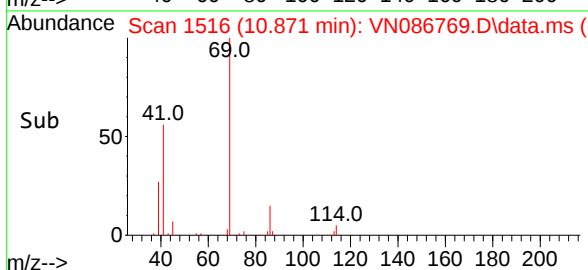
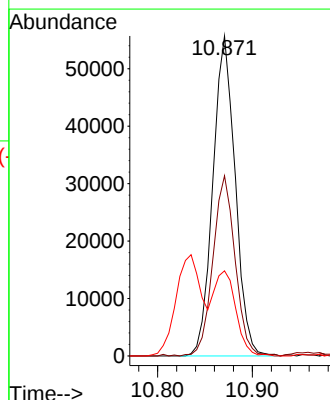
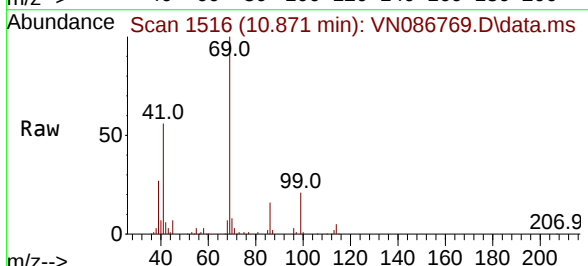
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0523WBS01

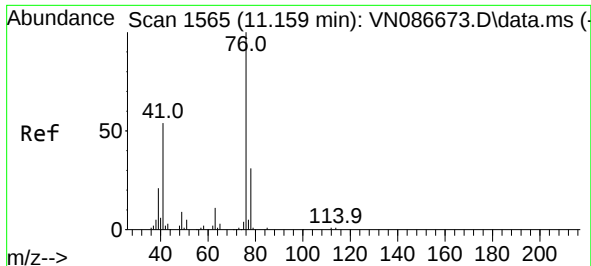
Tgt Ion:	97	Resp:	56225
Ion	Ratio	Lower	Upper
97	100		
83	83.1	70.4	105.6
85	55.1	46.1	69.1
99	63.6	52.3	78.5



#56
 Ethyl methacrylate
 Concen: 17.590 ug/l
 RT: 10.871 min Scan# 1516
 Delta R.T. -0.000 min
 Lab File: VN086769.D
 Acq: 23 May 2025 11:16

Tgt Ion:	69	Resp:	91124
Ion	Ratio	Lower	Upper
69	100		
41	56.0	47.4	71.0
39	26.4	24.0	36.0





#57

1,3-Dichloropropane

Concen: 17.432 ug/l

RT: 11.159 min Scan# 1565

Delta R.T. -0.000 min

Lab File: VN086769.D

Acq: 23 May 2025 11:16

Instrument :

MSVOA_N

ClientSampleId :

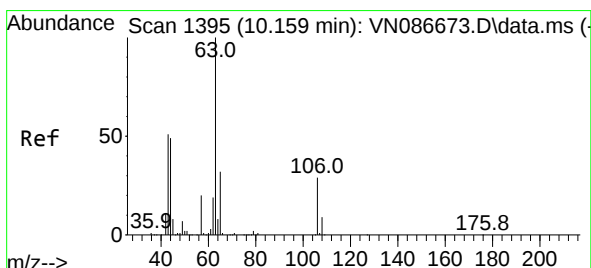
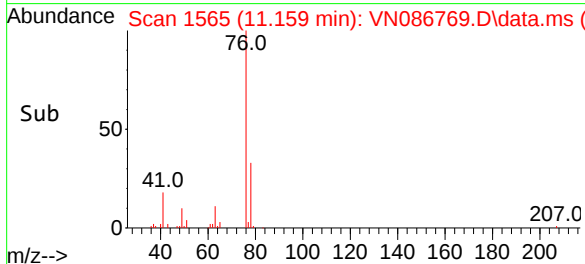
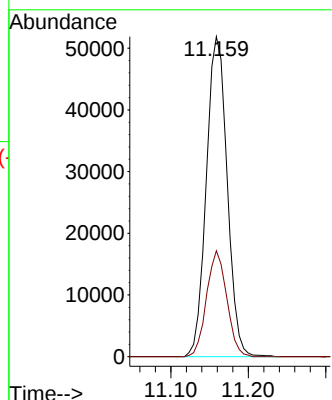
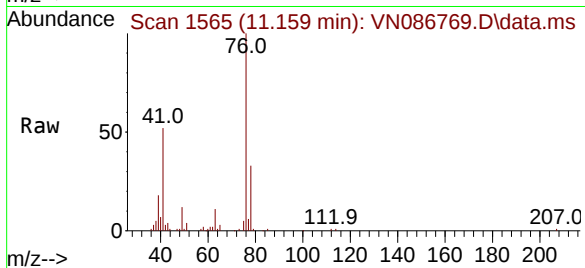
VN0523WBS01

Tgt Ion: 76 Resp: 96891

Ion Ratio Lower Upper

76 100

78 32.0 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 90.766 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. -0.000 min

Lab File: VN086769.D

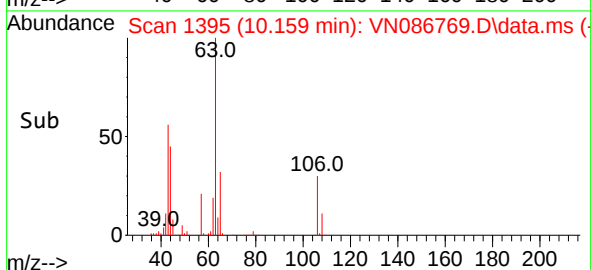
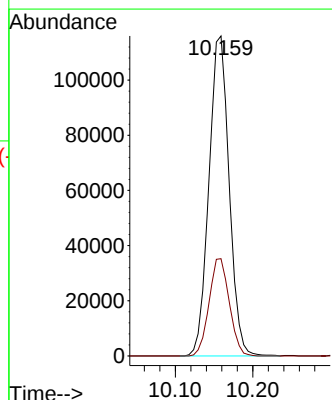
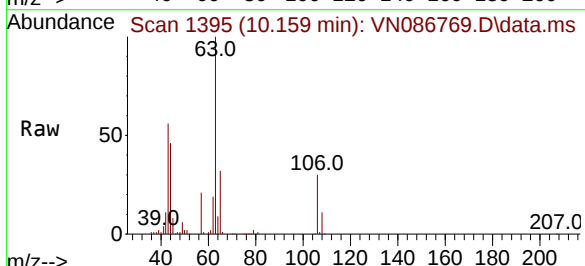
Acq: 23 May 2025 11:16

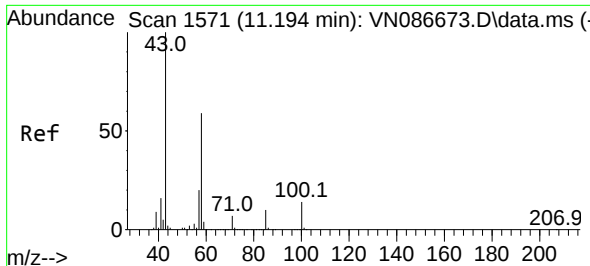
Tgt Ion: 63 Resp: 210145

Ion Ratio Lower Upper

63 100

106 30.4 23.1 34.7

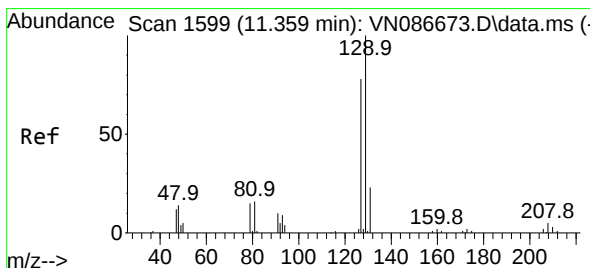
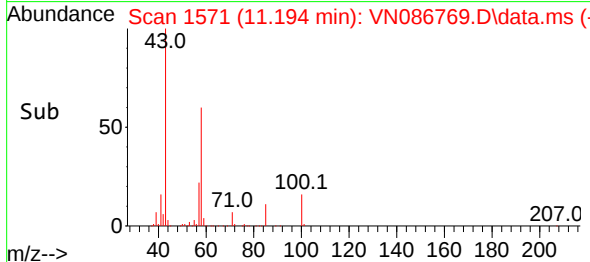
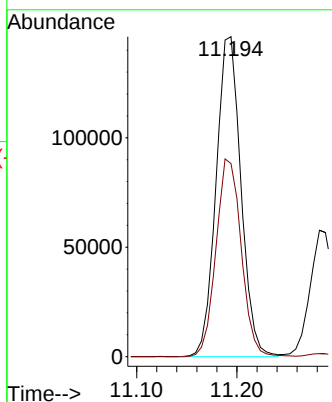
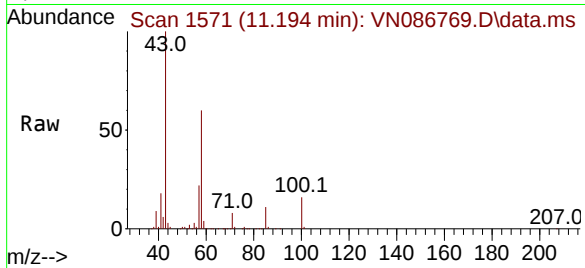




#59
2-Hexanone
Concen: 79.210 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VN086769.D
Acq: 23 May 2025 11:16

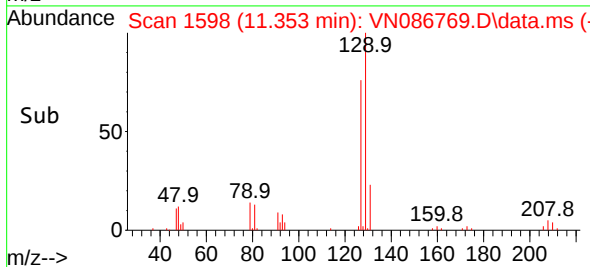
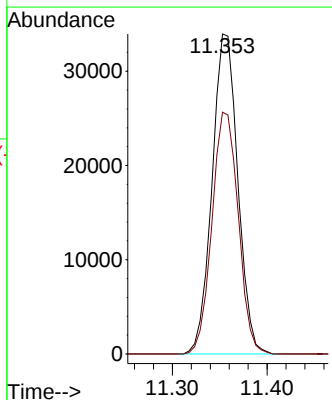
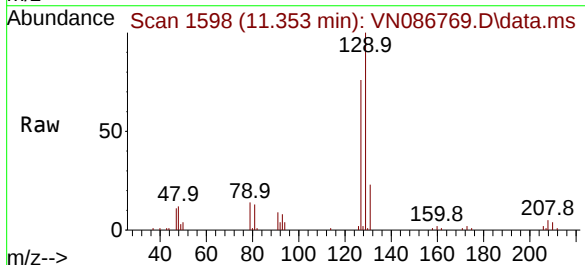
Instrument :
MSVOA_N
ClientSampleId :
VN0523WBS01

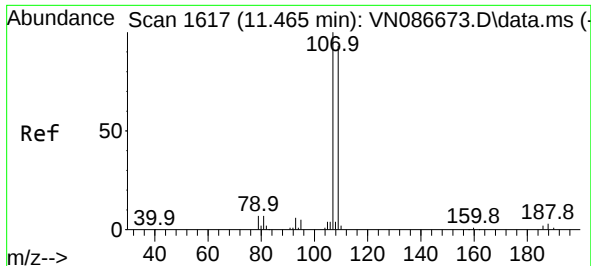
Tgt Ion: 43 Resp: 251990
Ion Ratio Lower Upper
43 100
58 62.7 29.8 89.5



#60
Dibromochloromethane
Concen: 18.964 ug/l
RT: 11.353 min Scan# 1598
Delta R.T. -0.006 min
Lab File: VN086769.D
Acq: 23 May 2025 11:16

Tgt Ion: 129 Resp: 64122
Ion Ratio Lower Upper
129 100
127 77.1 39.5 118.3

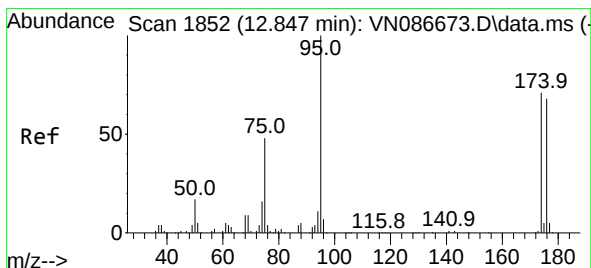
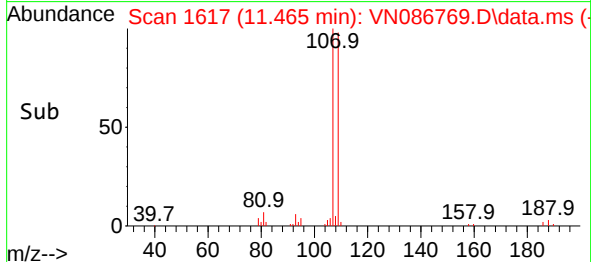
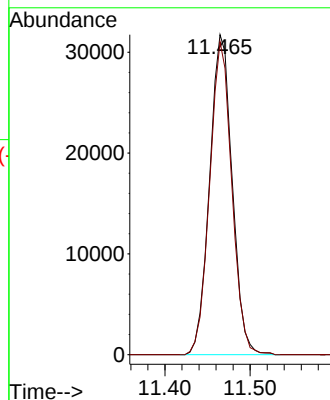
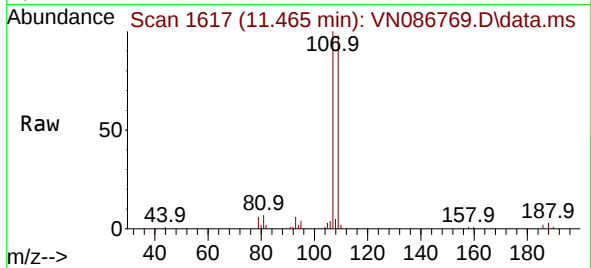




#61
1,2-Dibromoethane
Concen: 18.017 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VN086769.D
Acq: 23 May 2025 11:16

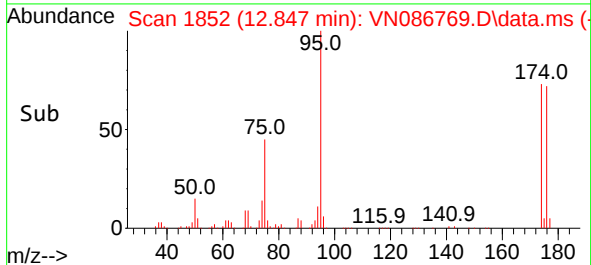
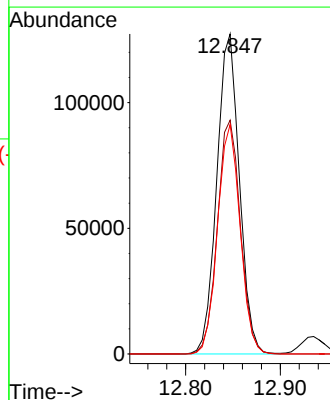
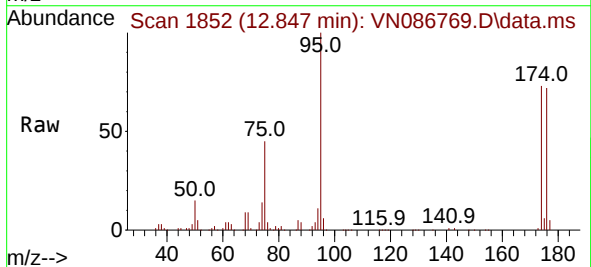
Instrument :
MSVOA_N
ClientSampleId :
VN0523WBS01

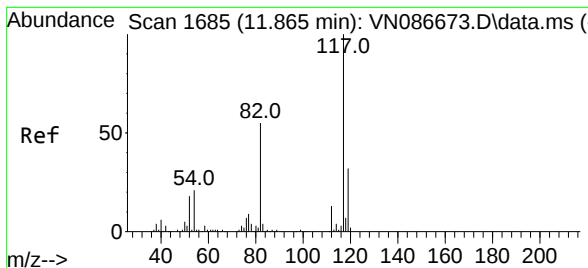
Tgt Ion:107 Resp: 58416
Ion Ratio Lower Upper
107 100
109 95.8 75.0 112.4



#62
4-Bromofluorobenzene
Concen: 49.905 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086769.D
Acq: 23 May 2025 11:16

Tgt Ion: 95 Resp: 211187
Ion Ratio Lower Upper
95 100
174 74.6 0.0 145.4
176 71.4 0.0 137.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN086769.D

Acq: 23 May 2025 11:16

Instrument :

MSVOA_N

ClientSampleId :

VN0523WBS01

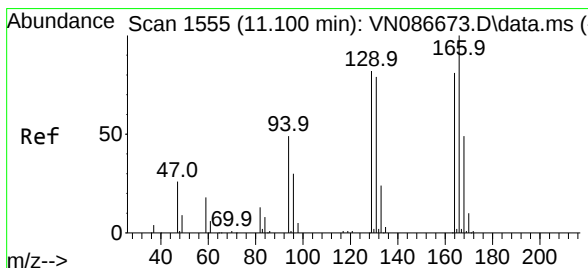
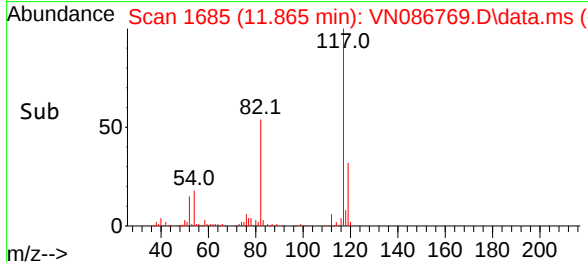
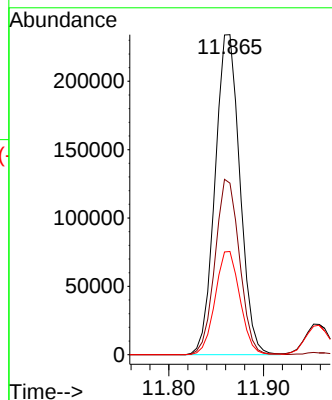
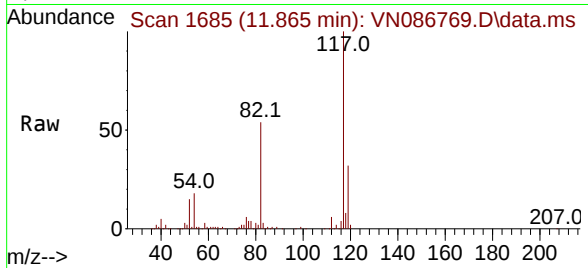
Tgt Ion:117 Resp: 427228

Ion Ratio Lower Upper

117 100

82 53.6 44.2 66.2

119 32.3 25.4 38.2



#64

Tetrachloroethene

Concen: 19.919 ug/l

RT: 11.100 min Scan# 1555

Delta R.T. -0.000 min

Lab File: VN086769.D

Acq: 23 May 2025 11:16

Tgt Ion:164 Resp: 65190

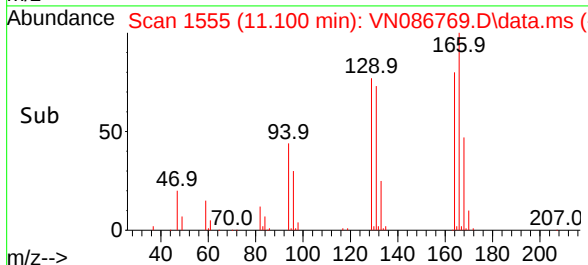
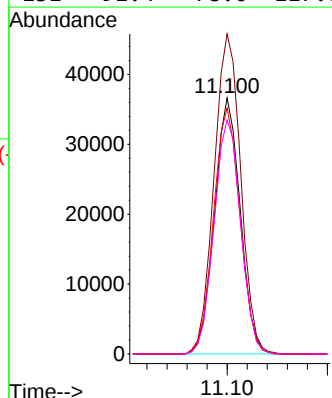
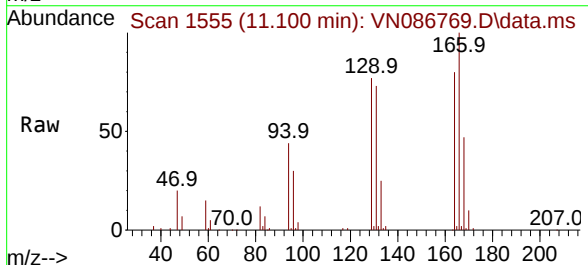
Ion Ratio Lower Upper

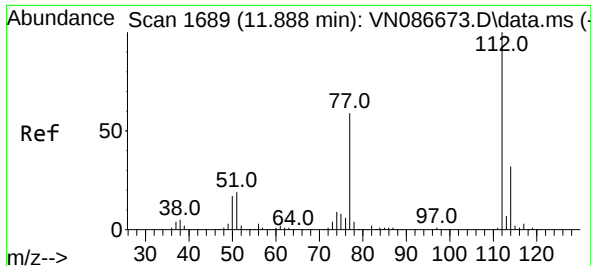
164 100

166 125.0 98.2 147.4

129 96.0 81.0 121.4

131 91.4 78.0 117.0

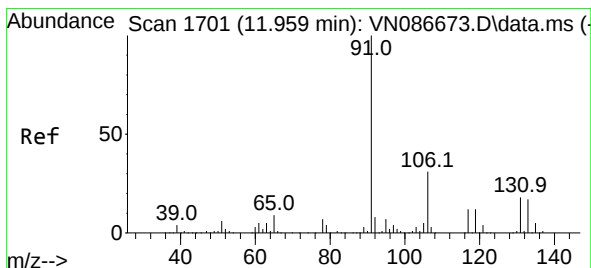
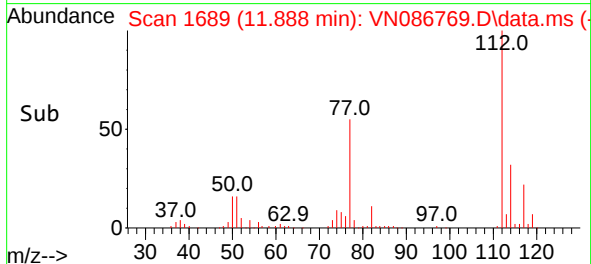
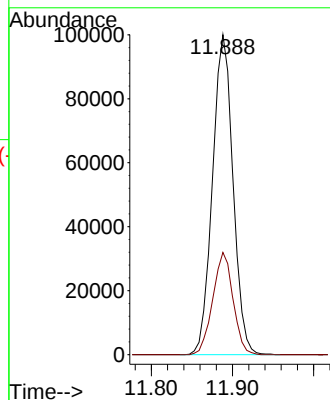
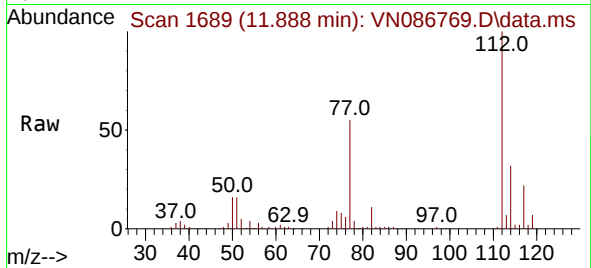




#65
Chlorobenzene
Concen: 18.743 ug/l
RT: 11.888 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086769.D
Acq: 23 May 2025 11:16

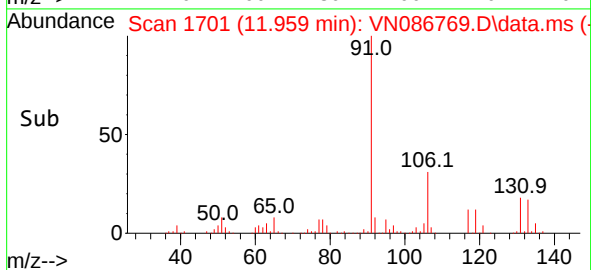
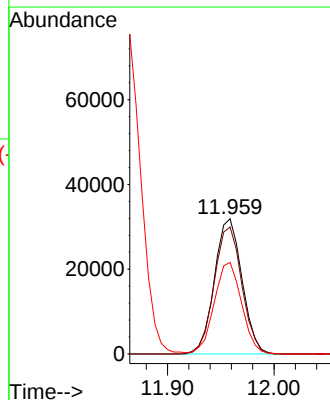
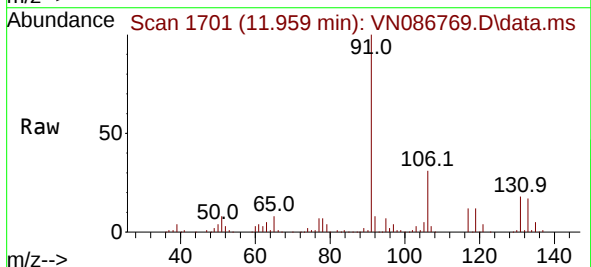
Instrument :
MSVOA_N
ClientSampleId :
VN0523WBS01

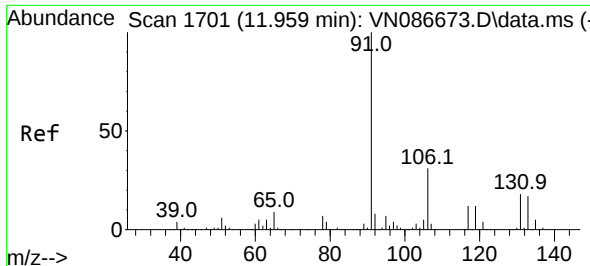
Tgt Ion:112 Resp: 175590
Ion Ratio Lower Upper
112 100
114 31.9 25.9 38.9



#66
1,1,1,2-Tetrachloroethane
Concen: 18.951 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN086769.D
Acq: 23 May 2025 11:16

Tgt Ion:131 Resp: 57313
Ion Ratio Lower Upper
131 100
133 94.3 47.9 143.7
119 67.3 33.6 100.8





#67

Ethyl Benzene

Concen: 18.348 ug/l

RT: 11.959 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN086769.D

Acq: 23 May 2025 11:16

Instrument :

MSVOA_N

ClientSampleId :

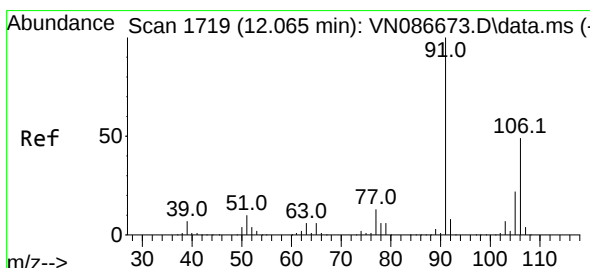
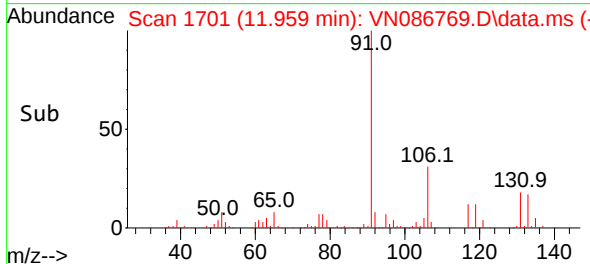
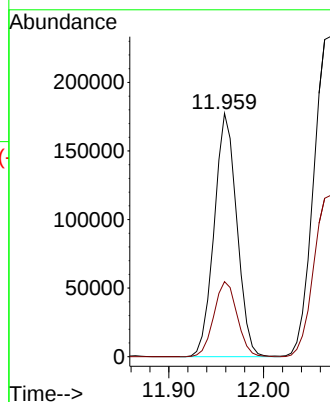
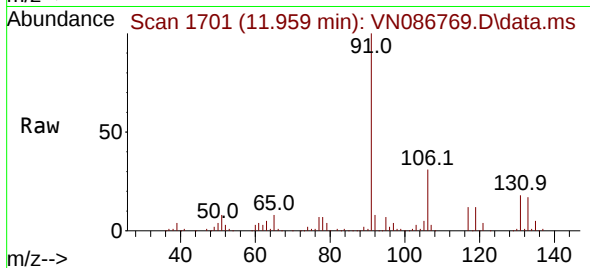
VN0523WBS01

Tgt Ion: 91 Resp: 294415

Ion Ratio Lower Upper

91 100

106 30.9 24.6 36.8



#68

m/p-Xylenes

Concen: 38.969 ug/l

RT: 12.070 min Scan# 1720

Delta R.T. 0.006 min

Lab File: VN086769.D

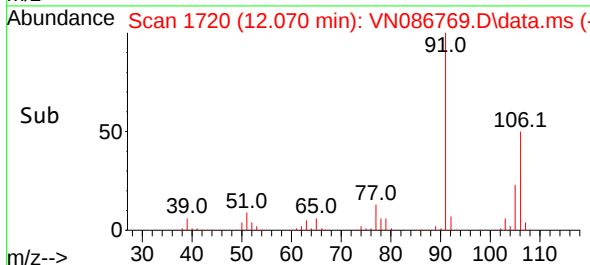
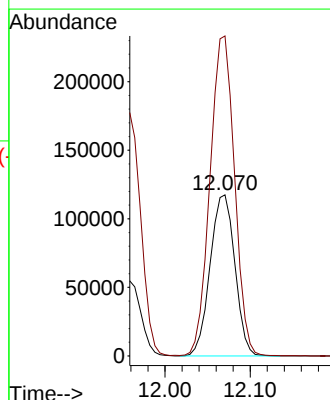
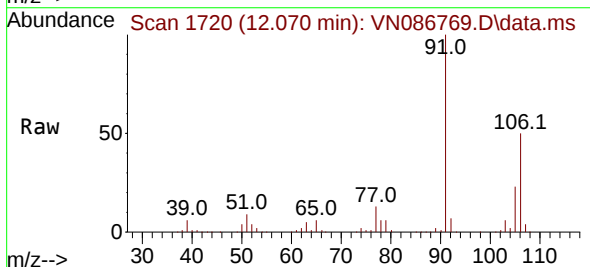
Acq: 23 May 2025 11:16

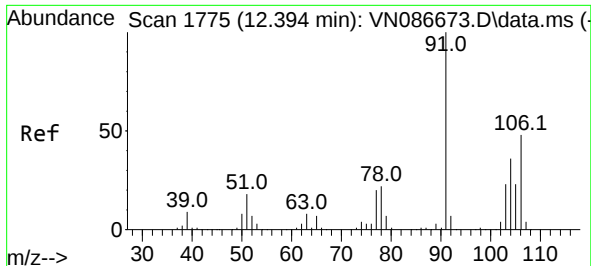
Tgt Ion:106 Resp: 236847

Ion Ratio Lower Upper

106 100

91 196.8 162.4 243.6

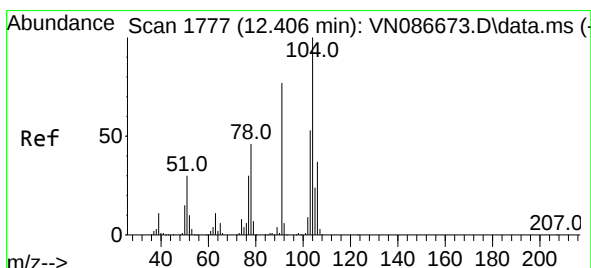
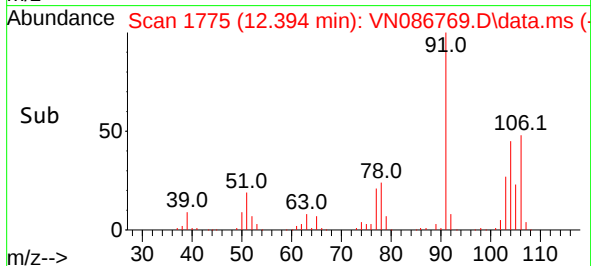
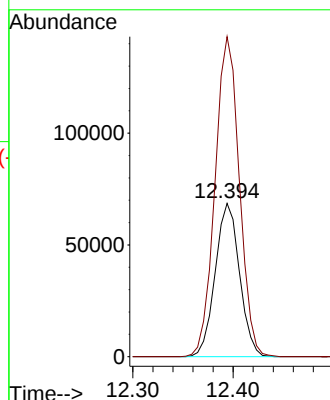
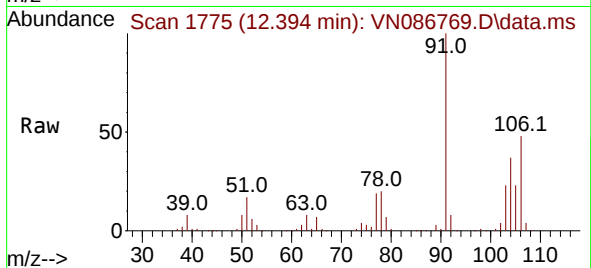




#69
o-Xylene
Concen: 19.080 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN086769.D
Acq: 23 May 2025 11:16

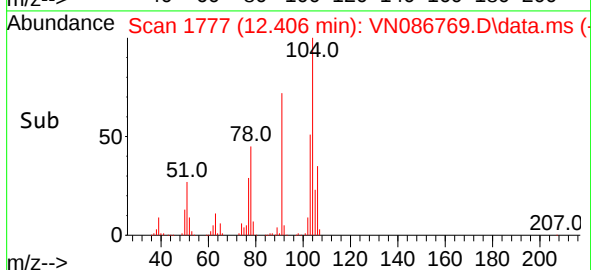
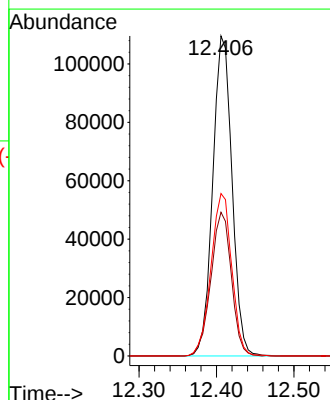
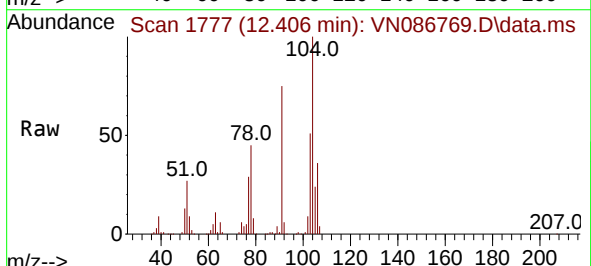
Instrument :
MSVOA_N
ClientSampleId :
VN0523WBS01

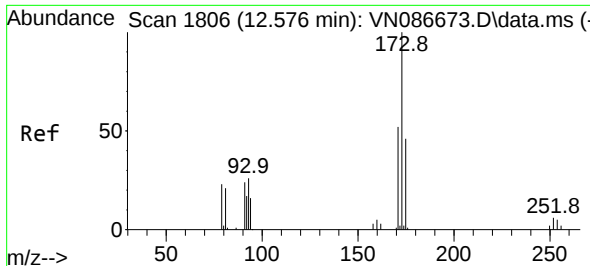
Tgt Ion:106 Resp: 115291
Ion Ratio Lower Upper
106 100
91 209.2 105.1 315.1



#70
Styrene
Concen: 19.166 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VN086769.D
Acq: 23 May 2025 11:16

Tgt Ion:104 Resp: 189599
Ion Ratio Lower Upper
104 100
78 47.7 39.0 58.6
103 54.6 43.8 65.8

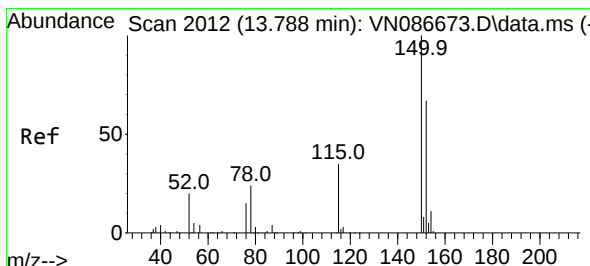
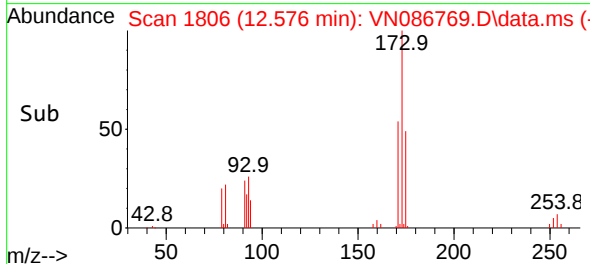
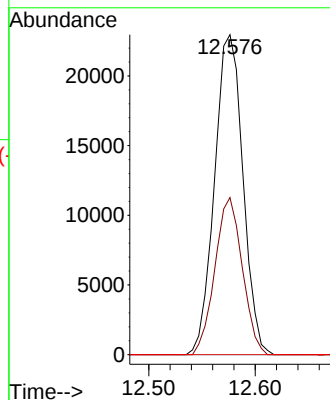
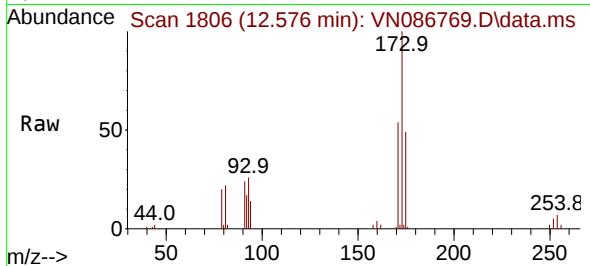




#71
Bromoform
Concen: 19.729 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VN086769.D
Acq: 23 May 2025 11:16

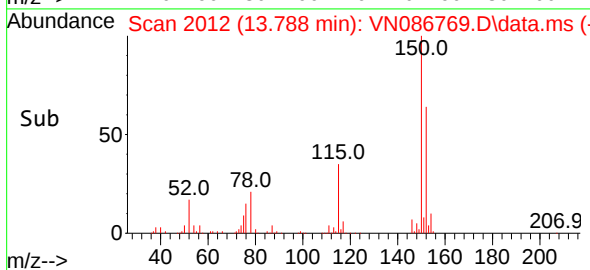
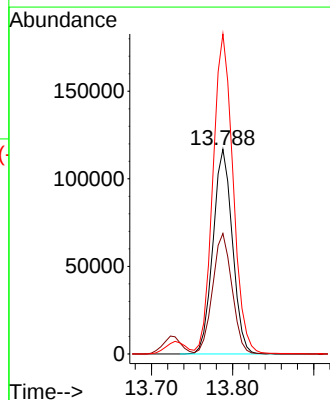
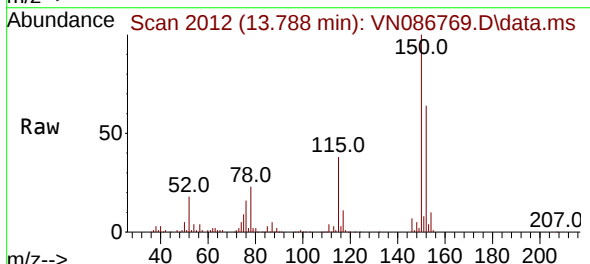
Instrument :
MSVOA_N
ClientSampleId :
VN0523WBS01

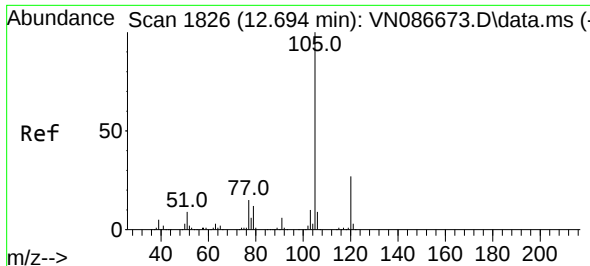
Tgt Ion:173 Resp: 42434
Ion Ratio Lower Upper
173 100
175 47.4 23.4 70.2
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN086769.D
Acq: 23 May 2025 11:16

Tgt Ion:152 Resp: 194058
Ion Ratio Lower Upper
152 100
115 58.8 30.0 90.1
150 162.2 0.0 347.8

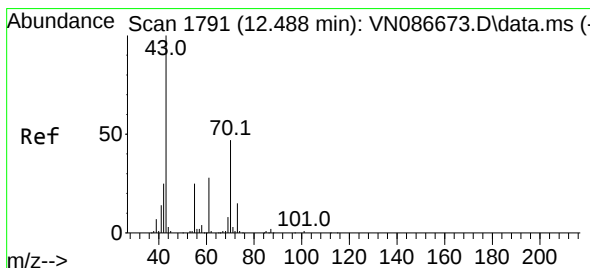
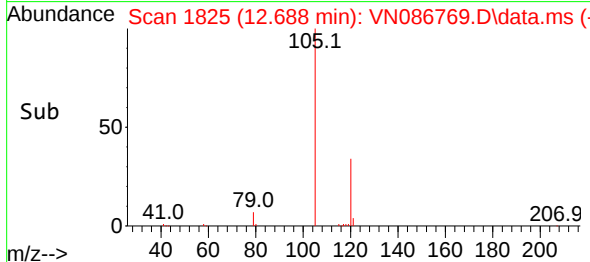
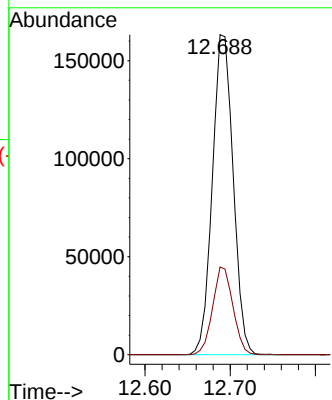
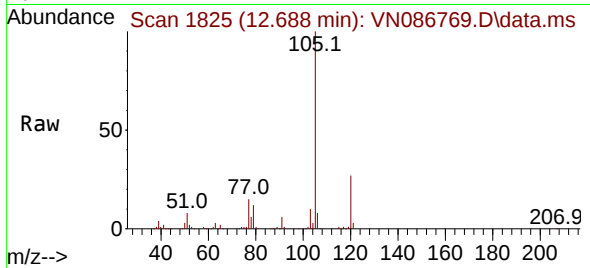




#73
Isopropylbenzene
Concen: 18.487 ug/l
RT: 12.688 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN086769.D
Acq: 23 May 2025 11:16

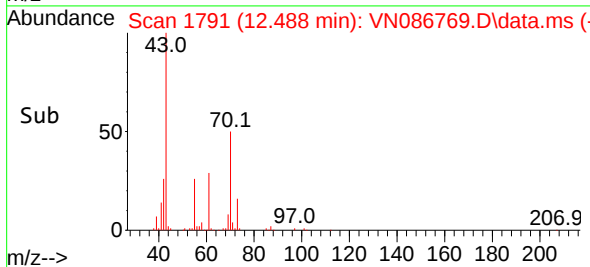
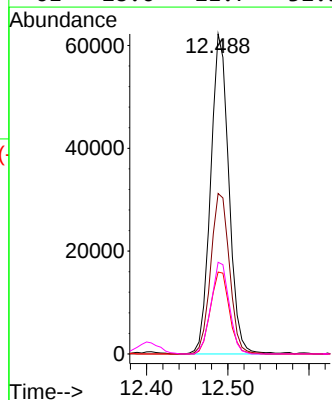
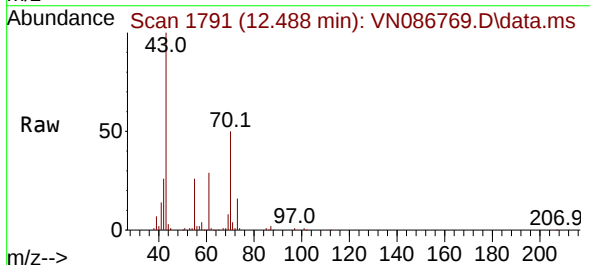
Instrument :
MSVOA_N
ClientSampleId :
VN0523WBS01

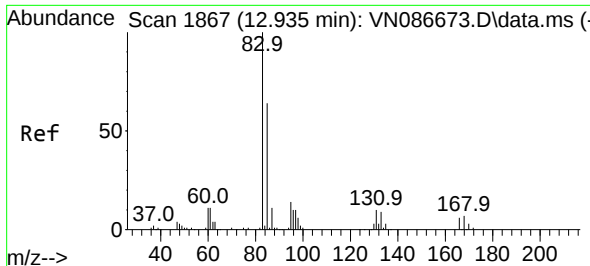
Tgt Ion:105 Resp: 277084
Ion Ratio Lower Upper
105 100
120 26.7 13.4 40.1



#74
N-ethyl acetate
Concen: 15.465 ug/l
RT: 12.488 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VN086769.D
Acq: 23 May 2025 11:16

Tgt Ion: 43 Resp: 96845
Ion Ratio Lower Upper
43 100
70 51.6 37.9 56.9
55 26.5 20.5 30.7
61 28.6 21.7 32.5

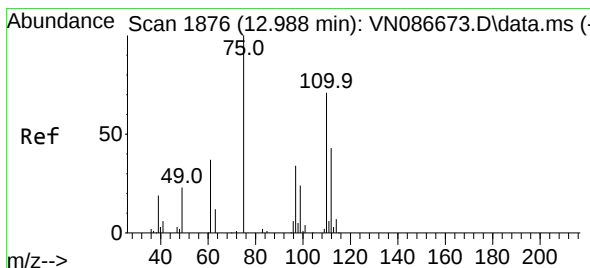
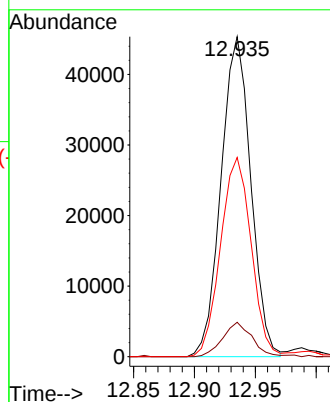
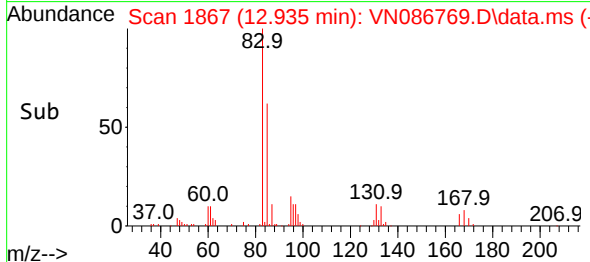
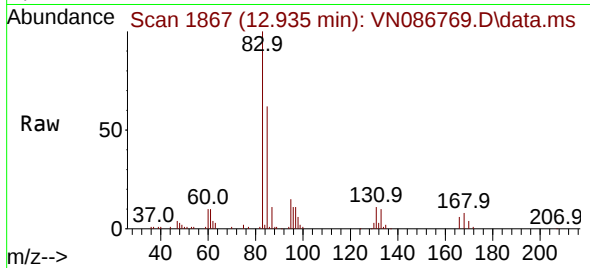




#75
 1,1,2,2-Tetrachloroethane
 Concen: 16.725 ug/l
 RT: 12.935 min Scan# 1867
 Delta R.T. -0.000 min
 Lab File: VN086769.D
 Acq: 23 May 2025 11:16

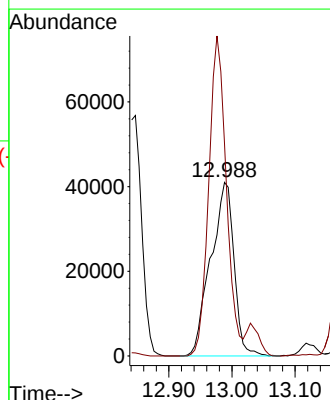
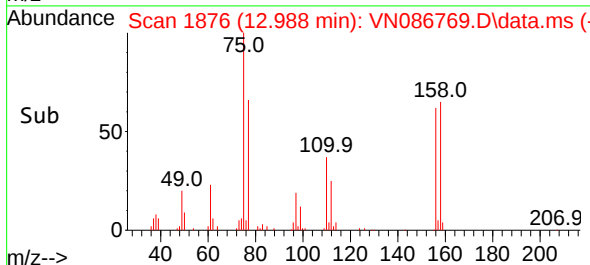
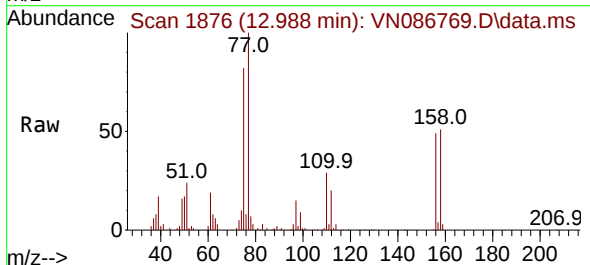
Instrument :
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 ClientSampleId :
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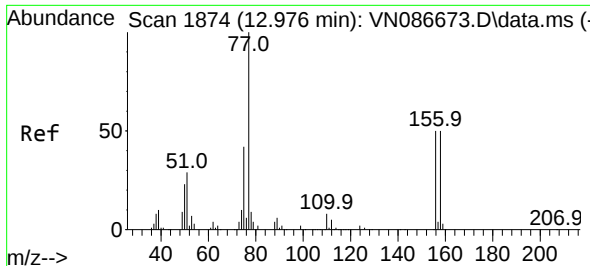
Tgt Ion: 83 Resp: 77012
 Ion Ratio Lower Upper
 83 100
 131 10.9 5.0 15.0
 85 64.3 32.4 97.2



#76
 1,2,3-Trichloropropane
 Concen: 23.922 ug/l
 RT: 12.988 min Scan# 1876
 Delta R.T. -0.000 min
 Lab File: VN086769.D
 Acq: 23 May 2025 11:16

Tgt Ion: 75 Resp: 104988
 Ion Ratio Lower Upper
 75 100
 77 139.5 96.0 288.1

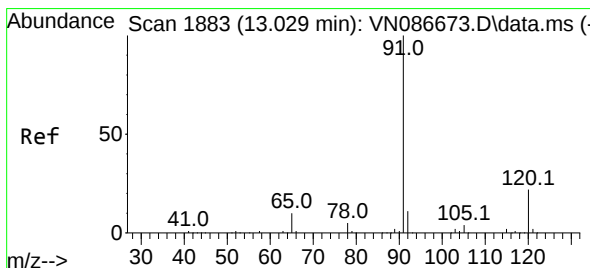
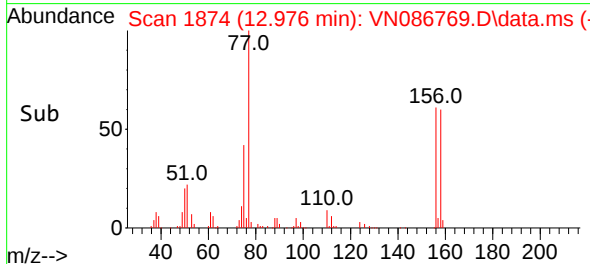
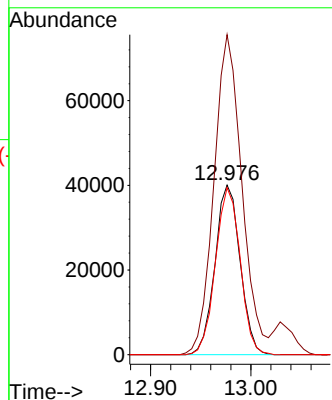
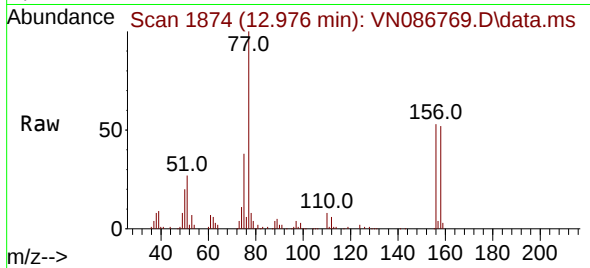




#77
Bromobenzene
Concen: 18.476 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. -0.000 min
Lab File: VN086769.D
Acq: 23 May 2025 11:16

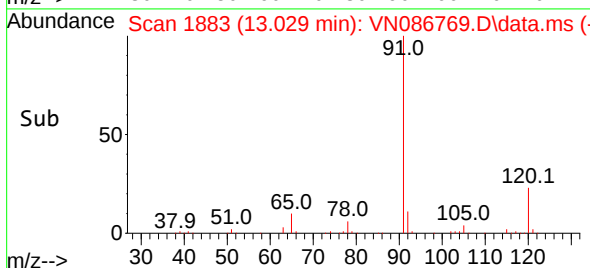
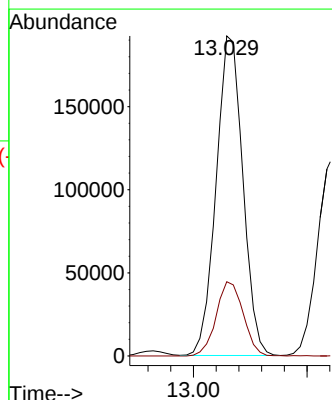
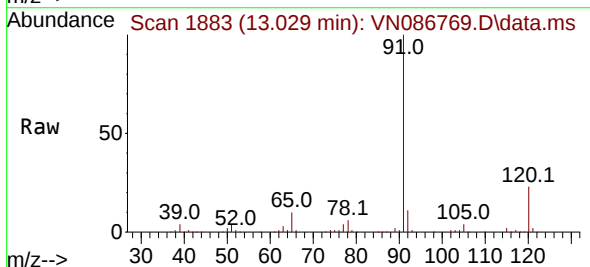
Instrument :
MSVOA_N
ClientSampleId :
VN0523WBS01

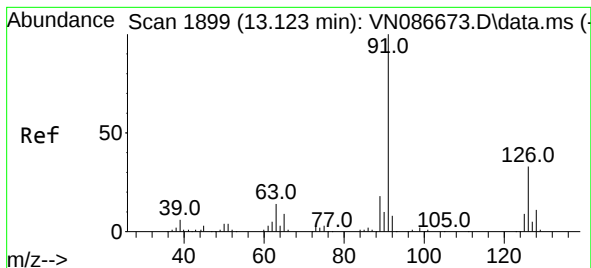
Tgt Ion:156 Resp: 69659
Ion Ratio Lower Upper
156 100
77 210.3 113.1 339.2
158 96.8 48.6 145.9



#78
n-propylbenzene
Concen: 18.242 ug/l
RT: 13.029 min Scan# 1883
Delta R.T. -0.000 min
Lab File: VN086769.D
Acq: 23 May 2025 11:16

Tgt Ion: 91 Resp: 313772
Ion Ratio Lower Upper
91 100
120 23.5 11.4 34.1





#79

2-Chlorotoluene

Concen: 18.174 ug/l

RT: 13.123 min Scan# 1899

Delta R.T. -0.000 min

Lab File: VN086769.D

Acq: 23 May 2025 11:16

Instrument :

MSVOA_N

ClientSampleId :

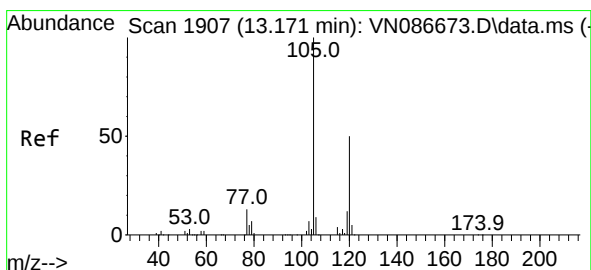
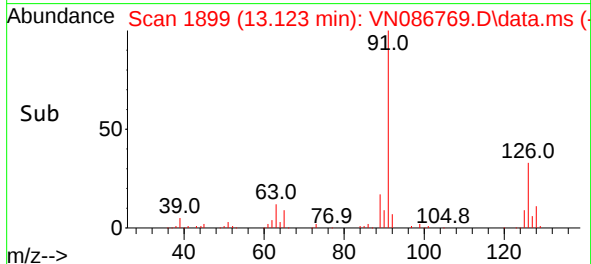
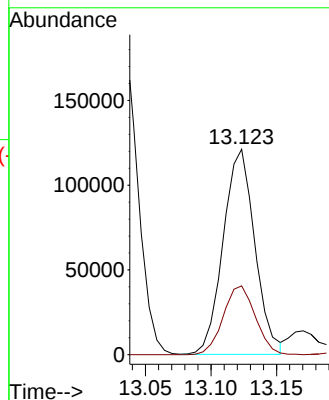
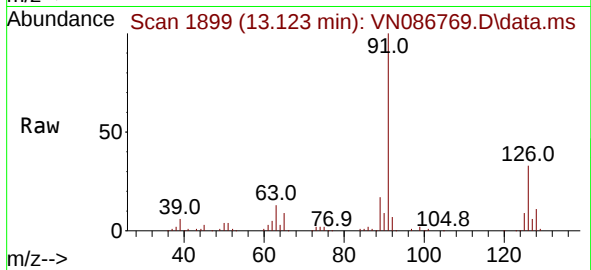
VN0523WBS01

Tgt Ion: 91 Resp: 203252

Ion Ratio Lower Upper

91 100

126 34.0 16.6 49.7



#80

1,3,5-Trimethylbenzene

Concen: 18.656 ug/l

RT: 13.170 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VN086769.D

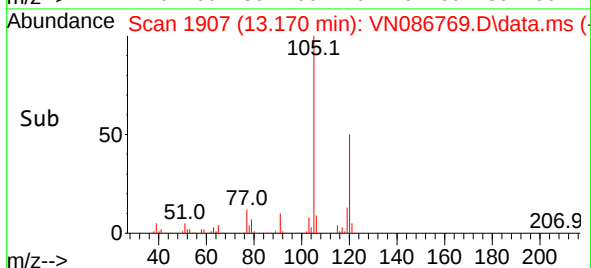
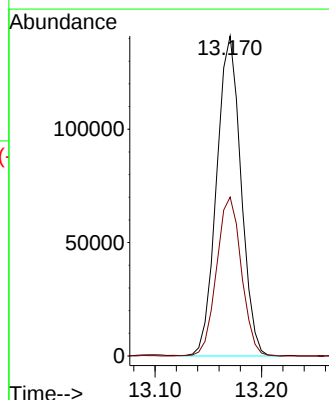
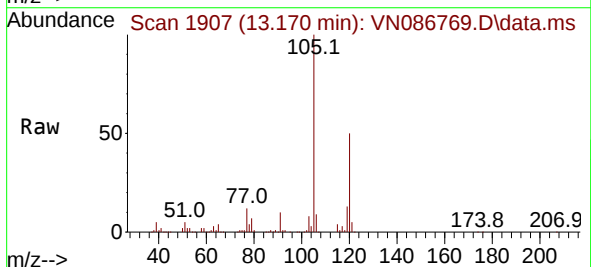
Acq: 23 May 2025 11:16

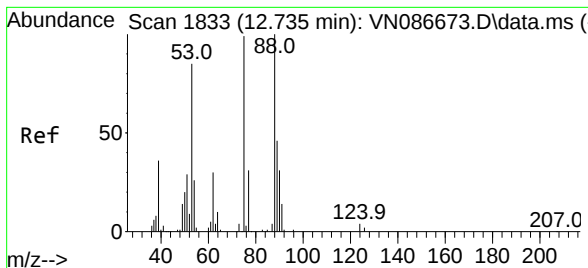
Tgt Ion:105 Resp: 224023

Ion Ratio Lower Upper

105 100

120 50.4 24.9 74.6

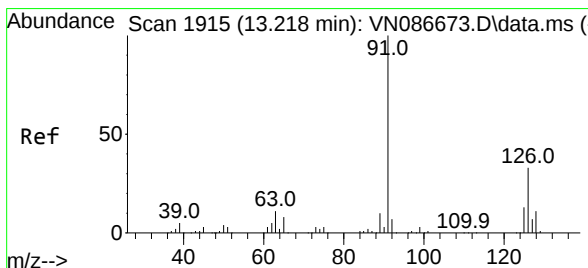
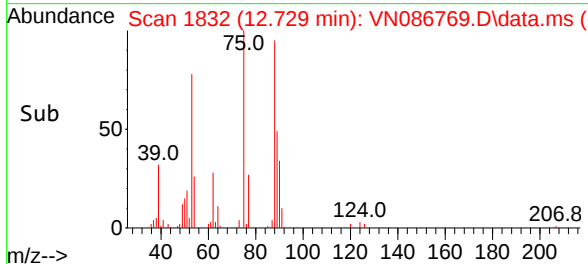
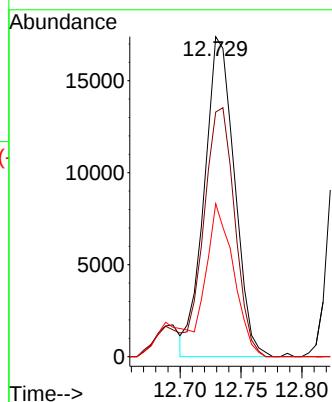
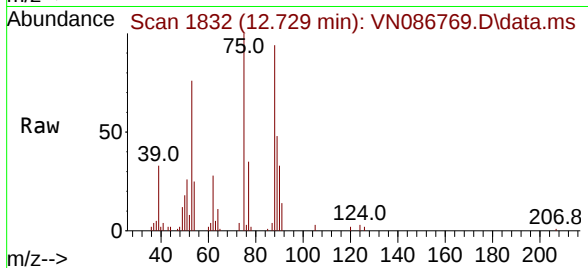




#81
trans-1,4-Dichloro-2-butene
Concen: 17.220 ug/l
RT: 12.729 min Scan# 1832
Delta R.T. -0.006 min
Lab File: VN086769.D
Acq: 23 May 2025 11:16

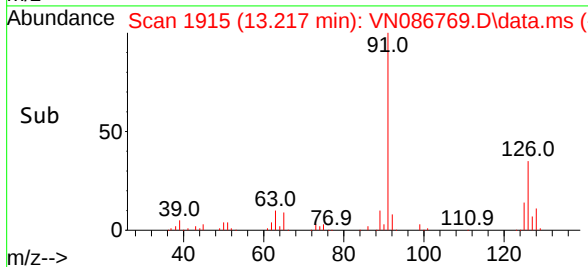
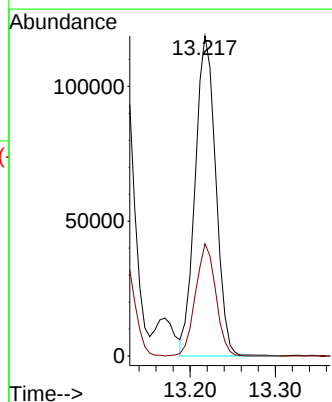
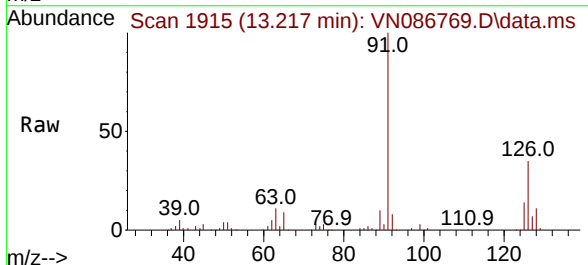
Instrument :
MSVOA_N
ClientSampleId :
VN0523WBS01

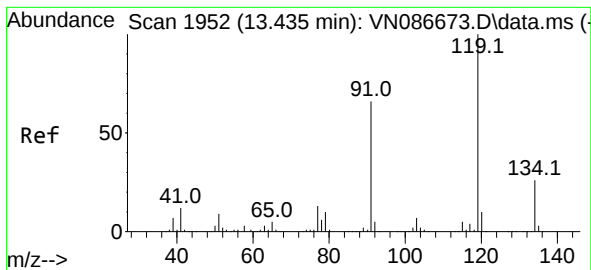
Tgt Ion: 75 Resp: 29947
Ion Ratio Lower Upper
75 100
53 80.1 70.4 105.6
89 42.7 32.4 48.6



#82
4-Chlorotoluene
Concen: 17.962 ug/l
RT: 13.217 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VN086769.D
Acq: 23 May 2025 11:16

Tgt Ion: 91 Resp: 199015
Ion Ratio Lower Upper
91 100
126 34.5 17.0 50.9





#83

tert-Butylbenzene

Concen: 18.856 ug/l

RT: 13.435 min Scan# 1952

Delta R.T. -0.000 min

Lab File: VN086769.D

Acq: 23 May 2025 11:16

Instrument :

MSVOA_N

ClientSampleId :

VN0523WBS01

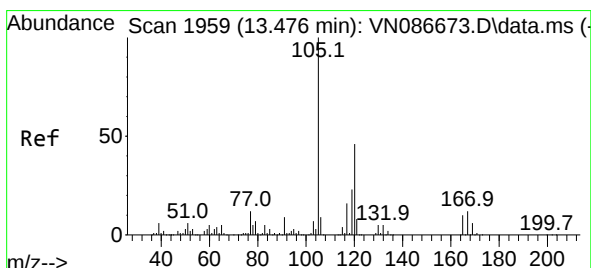
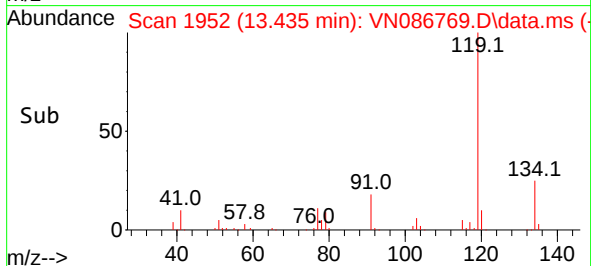
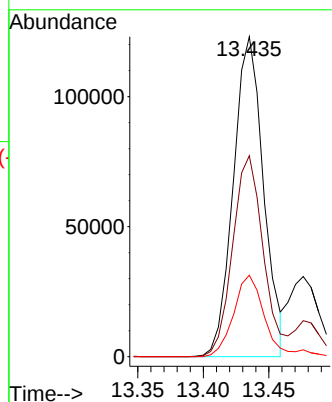
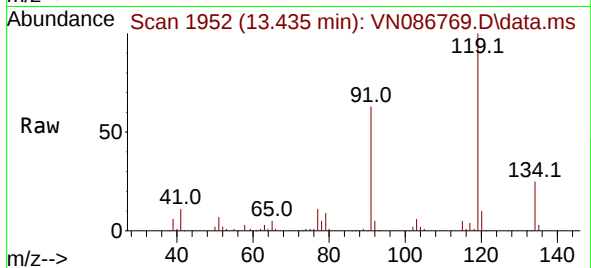
Tgt Ion:119 Resp: 197457

Ion Ratio Lower Upper

119 100

91 64.1 32.9 98.7

134 26.5 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 18.783 ug/l

RT: 13.476 min Scan# 1959

Delta R.T. -0.000 min

Lab File: VN086769.D

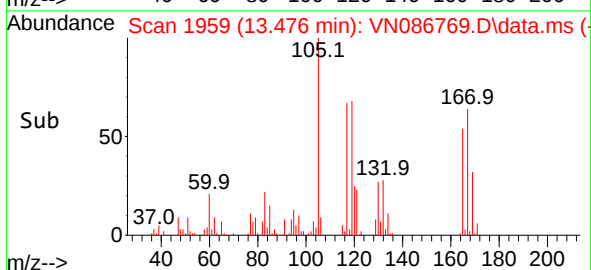
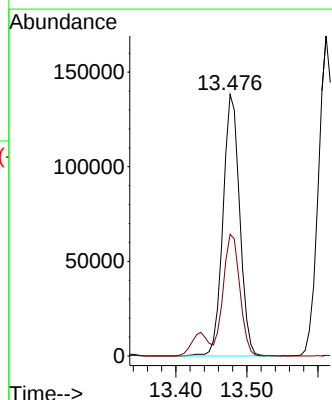
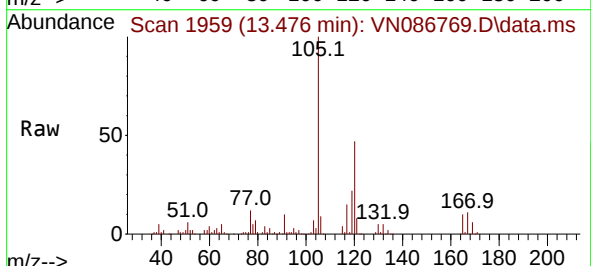
Acq: 23 May 2025 11:16

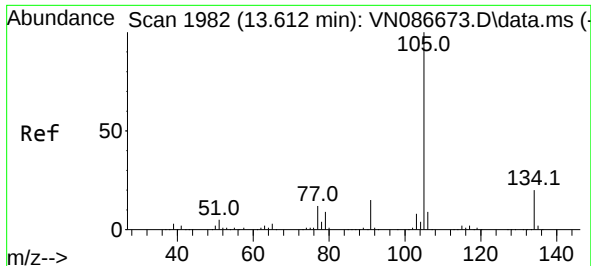
Tgt Ion:105 Resp: 224607

Ion Ratio Lower Upper

105 100

120 46.2 23.2 69.6

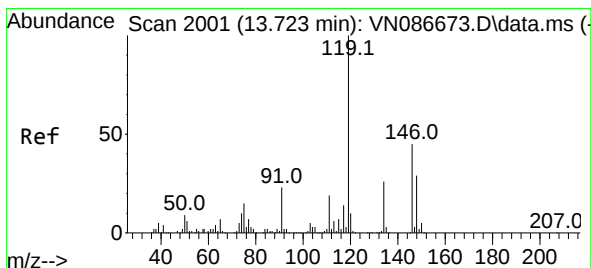
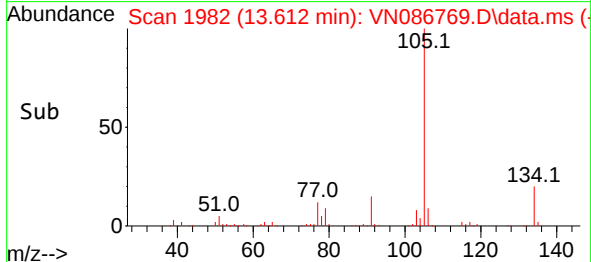
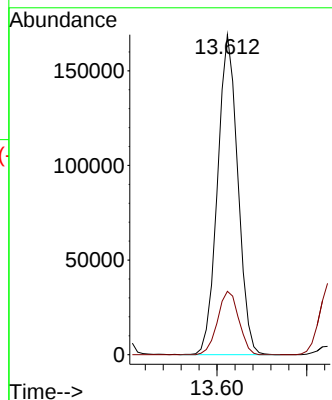
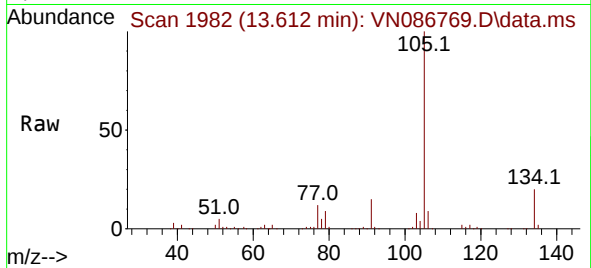




#85
 sec-Butylbenzene
 Concen: 18.879 ug/l
 RT: 13.612 min Scan# 1982
 Delta R.T. -0.000 min
 Lab File: VN086769.D
 Acq: 23 May 2025 11:16

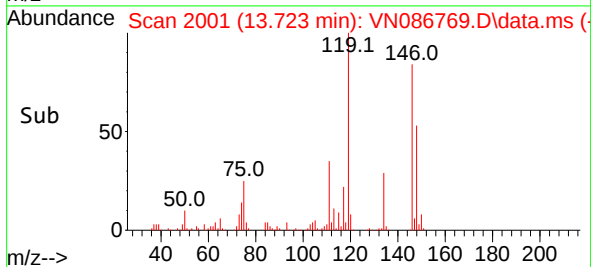
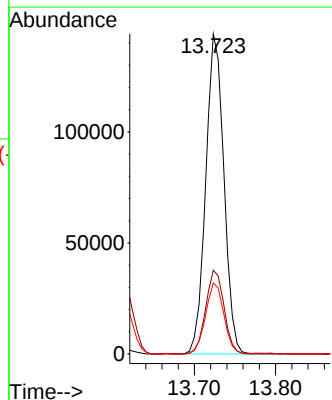
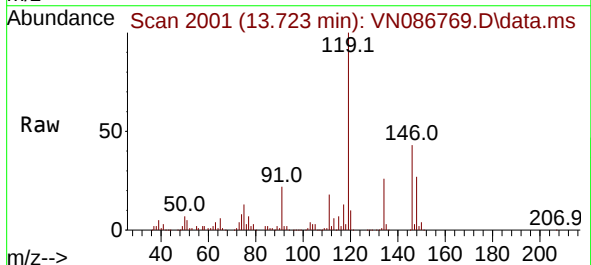
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0523WBS01

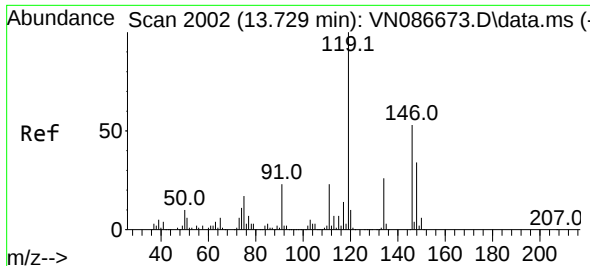
Tgt Ion:105 Resp: 265095
 Ion Ratio Lower Upper
 105 100
 134 20.6 10.1 30.1



#86
 p-Isopropyltoluene
 Concen: 19.399 ug/l
 RT: 13.723 min Scan# 2001
 Delta R.T. -0.000 min
 Lab File: VN086769.D
 Acq: 23 May 2025 11:16

Tgt Ion:119 Resp: 223275
 Ion Ratio Lower Upper
 119 100
 134 26.4 13.1 39.1
 91 22.4 11.5 34.5

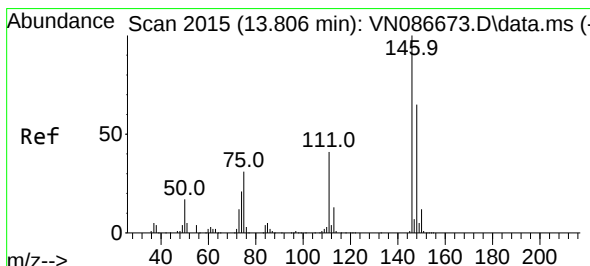
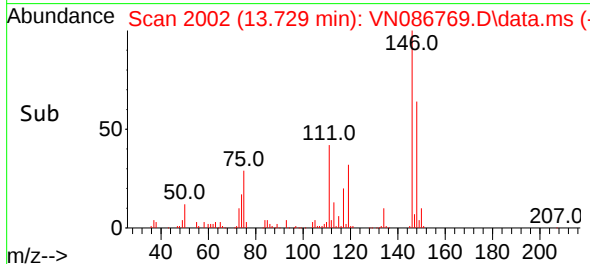
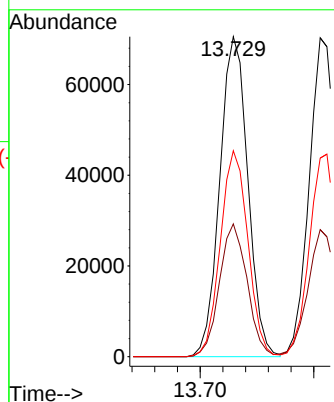
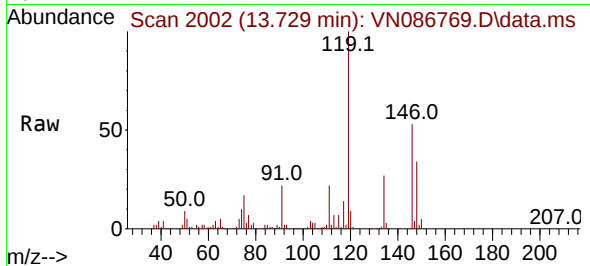




#87
1,3-Dichlorobenzene
Concen: 18.518 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. -0.000 min
Lab File: VN086769.D
Acq: 23 May 2025 11:16

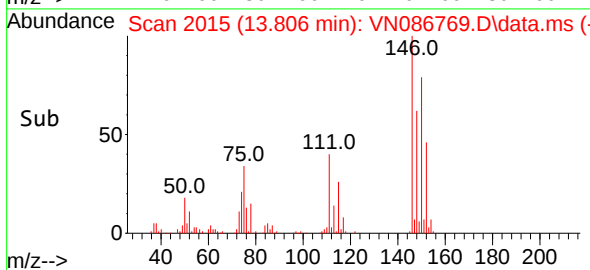
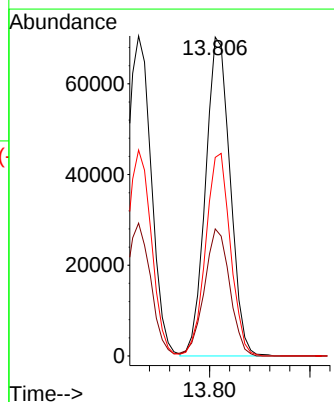
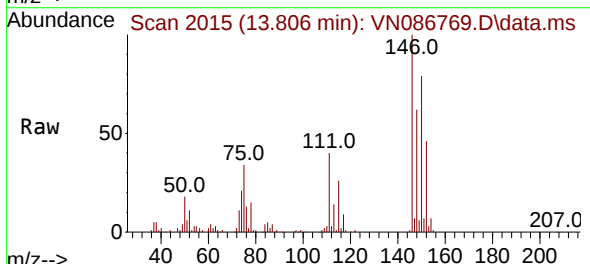
Instrument :
MSVOA_N
ClientSampleId :
VN0523WBS01

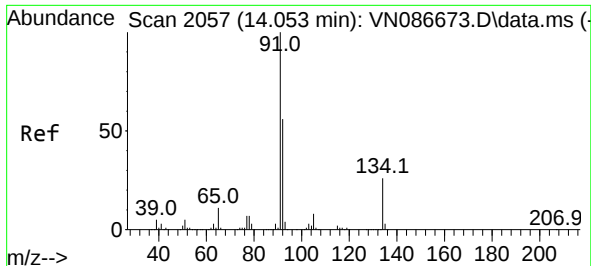
Tgt Ion:146 Resp: 120894
Ion Ratio Lower Upper
146 100
111 41.0 20.9 62.7
148 63.4 31.8 95.4



#88
1,4-Dichlorobenzene
Concen: 18.572 ug/l
RT: 13.806 min Scan# 2015
Delta R.T. -0.000 min
Lab File: VN086769.D
Acq: 23 May 2025 11:16

Tgt Ion:146 Resp: 120134
Ion Ratio Lower Upper
146 100
111 41.2 20.6 61.8
148 63.9 32.0 96.0

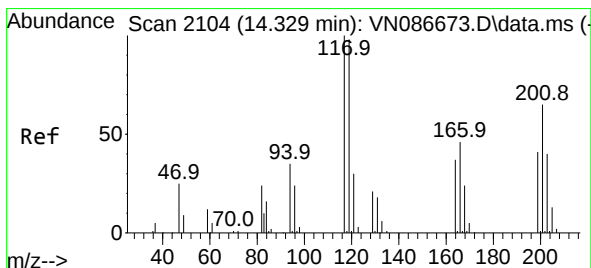
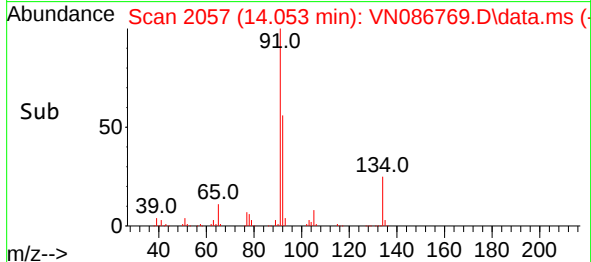
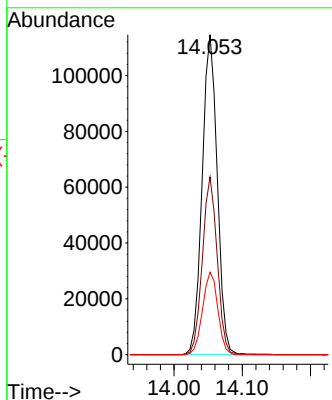
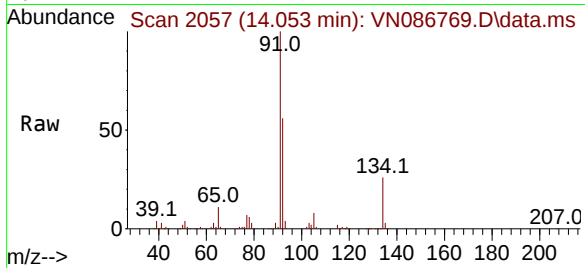




#89
n-Butylbenzene
Concen: 18.537 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN086769.D
Acq: 23 May 2025 11:16

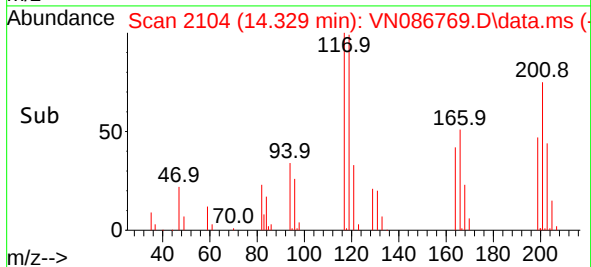
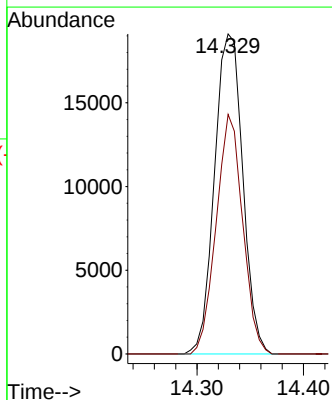
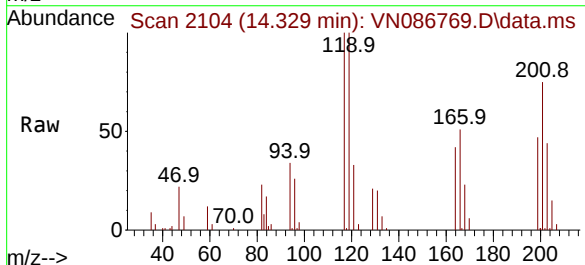
Instrument :
MSVOA_N
ClientSampleId :
VN0523WBS01

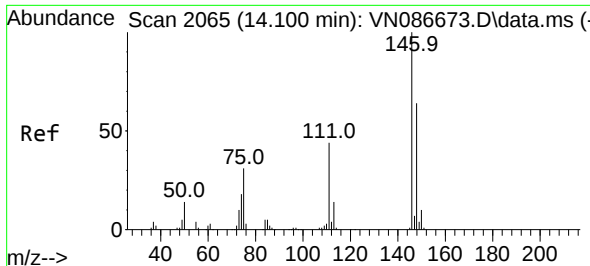
Tgt Ion: 91 Resp: 176871
Ion Ratio Lower Upper
91 100
92 54.4 27.4 82.0
134 26.0 12.8 38.4



#90
Hexachloroethane
Concen: 18.433 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. -0.000 min
Lab File: VN086769.D
Acq: 23 May 2025 11:16

Tgt Ion: 117 Resp: 35201
Ion Ratio Lower Upper
117 100
201 70.1 32.0 96.0

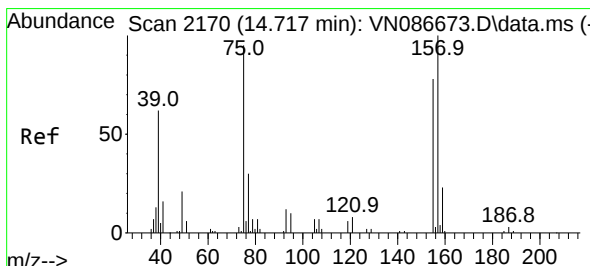
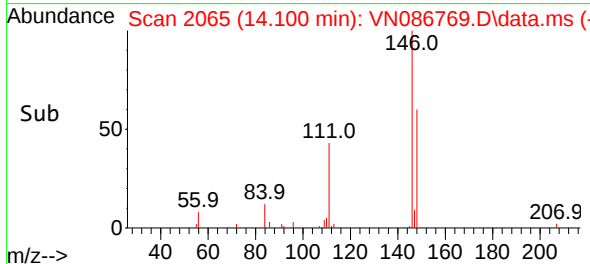
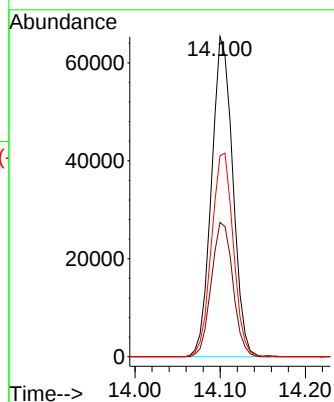
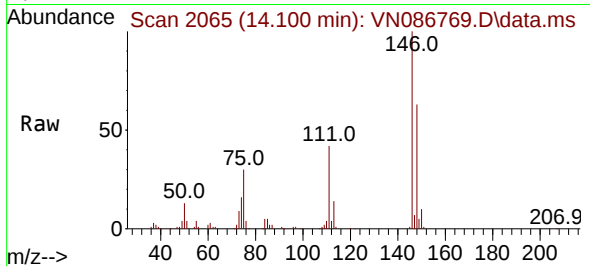




#91
 1,2-Dichlorobenzene
 Concen: 18.247 ug/l
 RT: 14.100 min Scan# 2065
 Delta R.T. -0.000 min
 Lab File: VN086769.D
 Acq: 23 May 2025 11:16

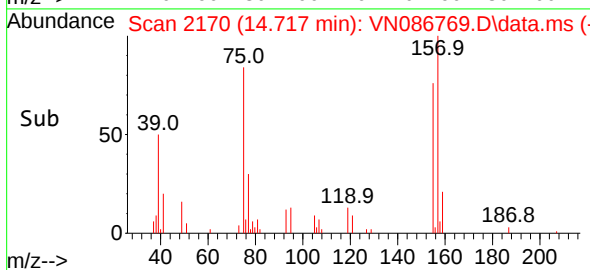
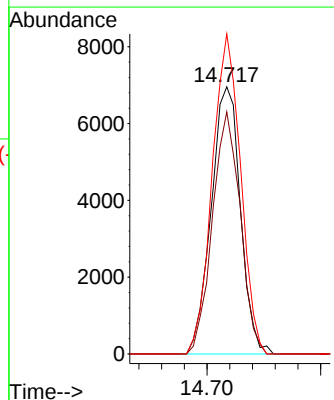
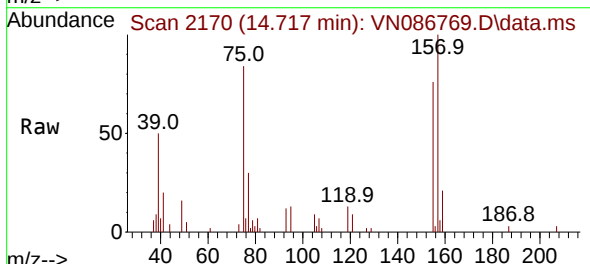
Instrument :
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 VN0523WBS01

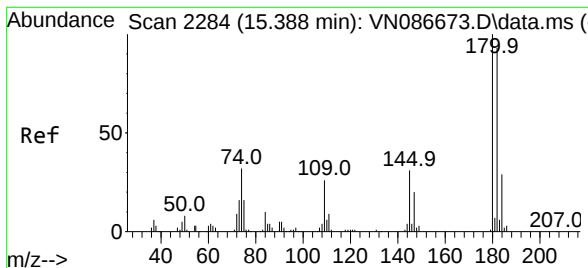
Tgt Ion:146 Resp: 113308
 Ion Ratio Lower Upper
 146 100
 111 42.4 21.6 65.0
 148 65.2 31.7 95.1



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 16.268 ug/l
 RT: 14.717 min Scan# 2170
 Delta R.T. -0.000 min
 Lab File: VN086769.D
 Acq: 23 May 2025 11:16

Tgt Ion: 75 Resp: 12409
 Ion Ratio Lower Upper
 75 100
 155 86.4 40.5 121.5
 157 116.1 53.6 160.8

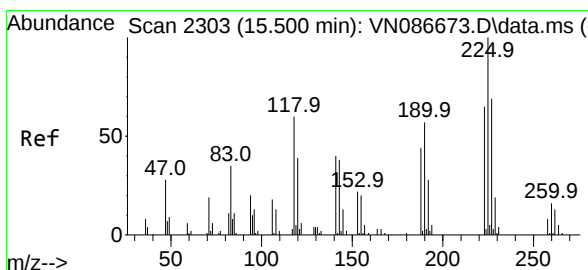
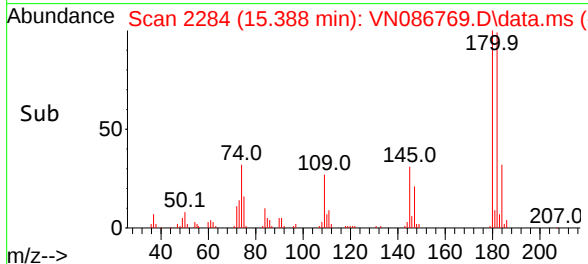
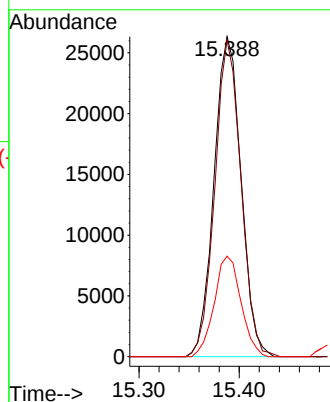
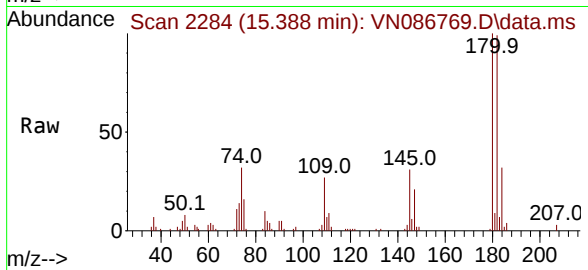




#93
 1,2,4-Trichlorobenzene
 Concen: 18.808 ug/l
 RT: 15.388 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VN086769.D
 Acq: 23 May 2025 11:16

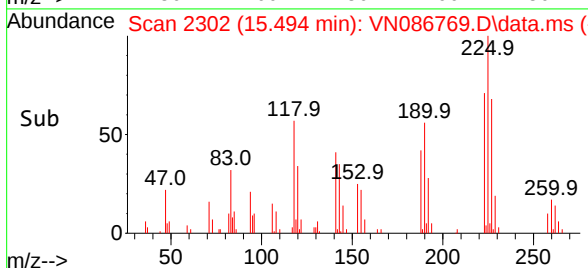
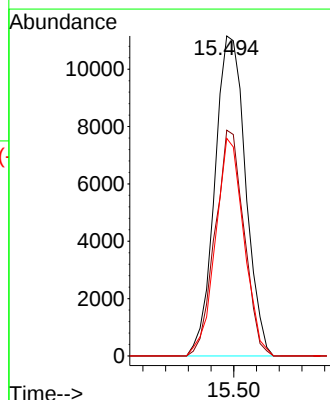
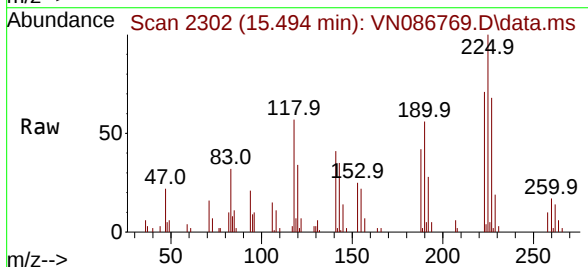
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0523WBS01

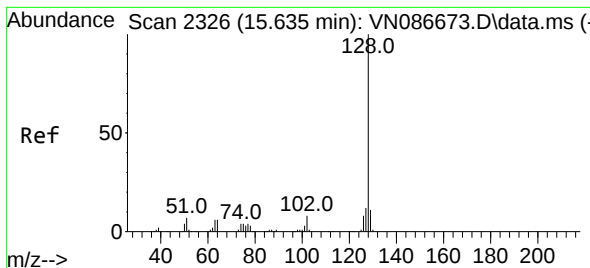
Tgt Ion:180 Resp: 49299
 Ion Ratio Lower Upper
 180 100
 182 95.6 47.1 141.3
 145 31.1 15.6 46.8



#94
 Hexachlorobutadiene
 Concen: 19.321 ug/l
 RT: 15.494 min Scan# 2302
 Delta R.T. -0.006 min
 Lab File: VN086769.D
 Acq: 23 May 2025 11:16

Tgt Ion:225 Resp: 21012
 Ion Ratio Lower Upper
 225 100
 223 65.8 32.9 98.6
 227 62.9 32.4 97.2





#95

Naphthalene

Concen: 17.987 ug/l

RT: 15.635 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN086769.D

Acq: 23 May 2025 11:16

Instrument :

MSVOA_N

ClientSampleId :

VN0523WBS01

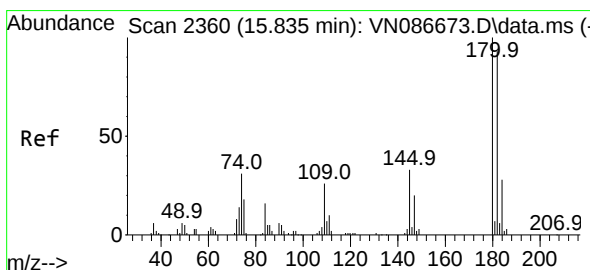
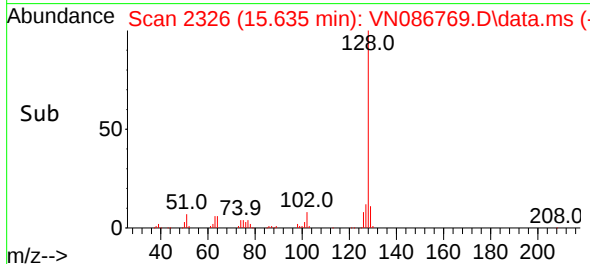
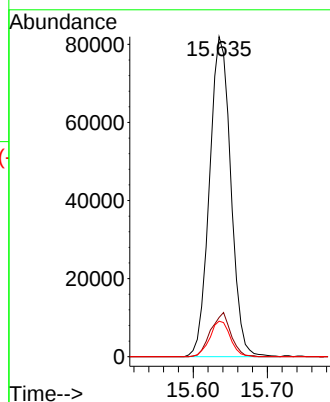
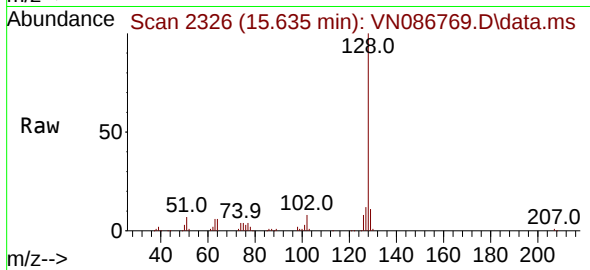
Tgt Ion:128 Resp: 163698

Ion Ratio Lower Upper

128 100

127 13.1 10.1 15.1

129 10.7 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 18.279 ug/l

RT: 15.835 min Scan# 2360

Delta R.T. -0.000 min

Lab File: VN086769.D

Acq: 23 May 2025 11:16

Tgt Ion:180 Resp: 46920

Ion Ratio Lower Upper

180 100

182 95.0 47.0 141.2

145 33.7 16.7 50.1

