

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061825\
 Data File : VN087077.D
 Acq On : 18 Jun 2025 12:07
 Operator : JC\MD
 Sample : VN0618WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0618WBS01

Quant Time: Jun 19 01:24:46 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 07 02:12:50 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	213664	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	379722	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	333122	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	167760	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	138039	48.253	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	96.500%
35) Dibromofluoromethane	8.177	113	119246	52.991	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	105.980%
50) Toluene-d8	10.565	98	443603	49.796	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.600%
62) 4-Bromofluorobenzene	12.847	95	166905	50.428	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	100.860%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.154	85	41847	19.643	ug/l	97
3) Chloromethane	2.395	50	46566	16.927	ug/l	100
4) Vinyl Chloride	2.553	62	57713	20.337	ug/l	93
5) Bromomethane	3.001	94	29472	18.559	ug/l	94
6) Chloroethane	3.159	64	37444	20.427	ug/l	98
7) Trichlorofluoromethane	3.530	101	75345	20.321	ug/l	98
8) Diethyl Ether	3.989	74	31110	19.258	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.406	101	45613	19.581	ug/l	99
10) Methyl Iodide	4.612	142	28628	9.481	ug/l	96
11) Tert butyl alcohol	5.536	59	67795	87.339	ug/l	99
12) 1,1-Dichloroethene	4.371	96	47748	20.078	ug/l	94
13) Acrolein	4.206	56	13456	54.765	ug/l	98
14) Allyl chloride	5.053	41	68843	17.455	ug/l	95
15) Acrylonitrile	5.736	53	165705	91.332	ug/l	99
16) Acetone	4.447	43	125781	82.911	ug/l	95
17) Carbon Disulfide	4.736	76	135478	20.595	ug/l	100
18) Methyl Acetate	5.053	43	68403	15.472	ug/l	97
19) Methyl tert-butyl Ether	5.812	73	160700	18.663	ug/l	99
20) Methylene Chloride	5.300	84	53901	18.978	ug/l	97
21) trans-1,2-Dichloroethene	5.812	96	50387	19.044	ug/l	96
22) Diisopropyl ether	6.689	45	150595	18.114	ug/l	98
23) Vinyl Acetate	6.618	43	654255	93.144	ug/l	98
24) 1,1-Dichloroethane	6.589	63	91217	19.066	ug/l	98
25) 2-Butanone	7.494	43	210395	85.320	ug/l	92
26) 2,2-Dichloropropane	7.500	77	78044	20.970	ug/l	98
27) cis-1,2-Dichloroethene	7.500	96	60950	19.262	ug/l	98
28) Bromochloromethane	7.818	49	40126	17.058	ug/l	91
29) Tetrahydrofuran	7.847	42	139346	86.745	ug/l	95
30) Chloroform	7.977	83	90256	18.890	ug/l	99
31) Cyclohexane	8.265	56	82406	17.761	ug/l	95
32) 1,1,1-Trichloroethane	8.177	97	77358	19.036	ug/l	97
36) 1,1-Dichloropropene	8.377	75	66753	19.907	ug/l	98
37) Ethyl Acetate	7.571	43	76370	17.891	ug/l	98
38) Carbon Tetrachloride	8.371	117	65790	19.984	ug/l	97
39) Methylcyclohexane	9.606	83	79083	17.214	ug/l	95
40) Benzene	8.612	78	218047	19.886	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	41526	17.322	ug/l	94
42) 1,2-Dichloroethane	8.677	62	63897	19.212	ug/l	99
43) Isopropyl Acetate	8.694	43	121654	17.757	ug/l	97
44) Trichloroethene	9.359	130	52194	20.074	ug/l	97
45) 1,2-Dichloropropane	9.624	63	52345	19.622	ug/l	98
46) Dibromomethane	9.712	93	36267	20.468	ug/l	99
47) Bromodichloromethane	9.888	83	70694	19.391	ug/l	98
48) Methyl methacrylate	9.682	41	54263	17.208	ug/l	95
49) 1,4-Dioxane	9.700	88	22022	383.882	ug/l #	98
51) 4-Methyl-2-Pentanone	10.447	43	375290	90.991	ug/l	98
52) Toluene	10.629	92	133714	19.954	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	78148	19.170	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	85848	19.682	ug/l	97
55) 1,1,2-Trichloroethane	11.018	97	50818	19.709	ug/l	96
56) Ethyl methacrylate	10.882	69	78597	19.138	ug/l #	91
57) 1,3-Dichloropropane	11.165	76	86921	19.433	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	227303	92.795	ug/l	97
59) 2-Hexanone	11.206	43	222844	83.880	ug/l	91
60) Dibromochloromethane	11.359	129	54446	20.267	ug/l	99
61) 1,2-Dibromoethane	11.471	107	53326	20.177	ug/l	99
64) Tetrachloroethene	11.106	164	41643	19.753	ug/l	98
65) Chlorobenzene	11.894	112	147922	20.133	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	47569	20.142	ug/l	99
67) Ethyl Benzene	11.965	91	242612	19.171	ug/l	99
68) m/p-Xylenes	12.071	106	192188	39.672	ug/l	99
69) o-Xylene	12.394	106	90763	19.562	ug/l	98
70) Styrene	12.412	104	156838	19.754	ug/l	100
71) Bromoform	12.576	173	36740	20.995	ug/l #	99
73) Isopropylbenzene	12.694	105	225091	18.418	ug/l	99
74) N-amyl acetate	12.535	43	41734	9.772	ug/l #	84
75) 1,1,2,2-Tetrachloroethane	12.935	83	81187	19.609	ug/l	97
76) 1,2,3-Trichloropropane	12.994	75	107798	27.033	ug/l	70
77) Bromobenzene	12.976	156	55698	19.872	ug/l	98
78) n-propylbenzene	13.035	91	273130	18.390	ug/l	100
79) 2-Chlorotoluene	13.123	91	162268	18.218	ug/l	97
80) 1,3,5-Trimethylbenzene	13.170	105	185876	18.421	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	31478	18.171	ug/l	97
82) 4-Chlorotoluene	13.217	91	171133	18.988	ug/l	99
83) tert-Butylbenzene	13.435	119	157194	17.019	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	188377	18.618	ug/l	100
85) sec-Butylbenzene	13.612	105	228942	17.068	ug/l	99
86) p-Isopropyltoluene	13.729	119	192435	17.356	ug/l	98
87) 1,3-Dichlorobenzene	13.729	146	106339	19.284	ug/l	100
88) 1,4-Dichlorobenzene	13.812	146	111040	19.750	ug/l	99
89) n-Butylbenzene	14.053	91	170611	15.886	ug/l	99
90) Hexachloroethane	14.329	117	33657	17.908	ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	102566	19.360	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	17659	17.834	ug/l	97
93) 1,2,4-Trichlorobenzene	15.388	180	56770	16.781	ug/l	99
94) Hexachlorobutadiene	15.500	225	18108	14.367	ug/l	99
95) Naphthalene	15.635	128	217923	17.306	ug/l	100
96) 1,2,3-Trichlorobenzene	15.835	180	54686	16.270	ug/l	99

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Response via : Initial Calibration

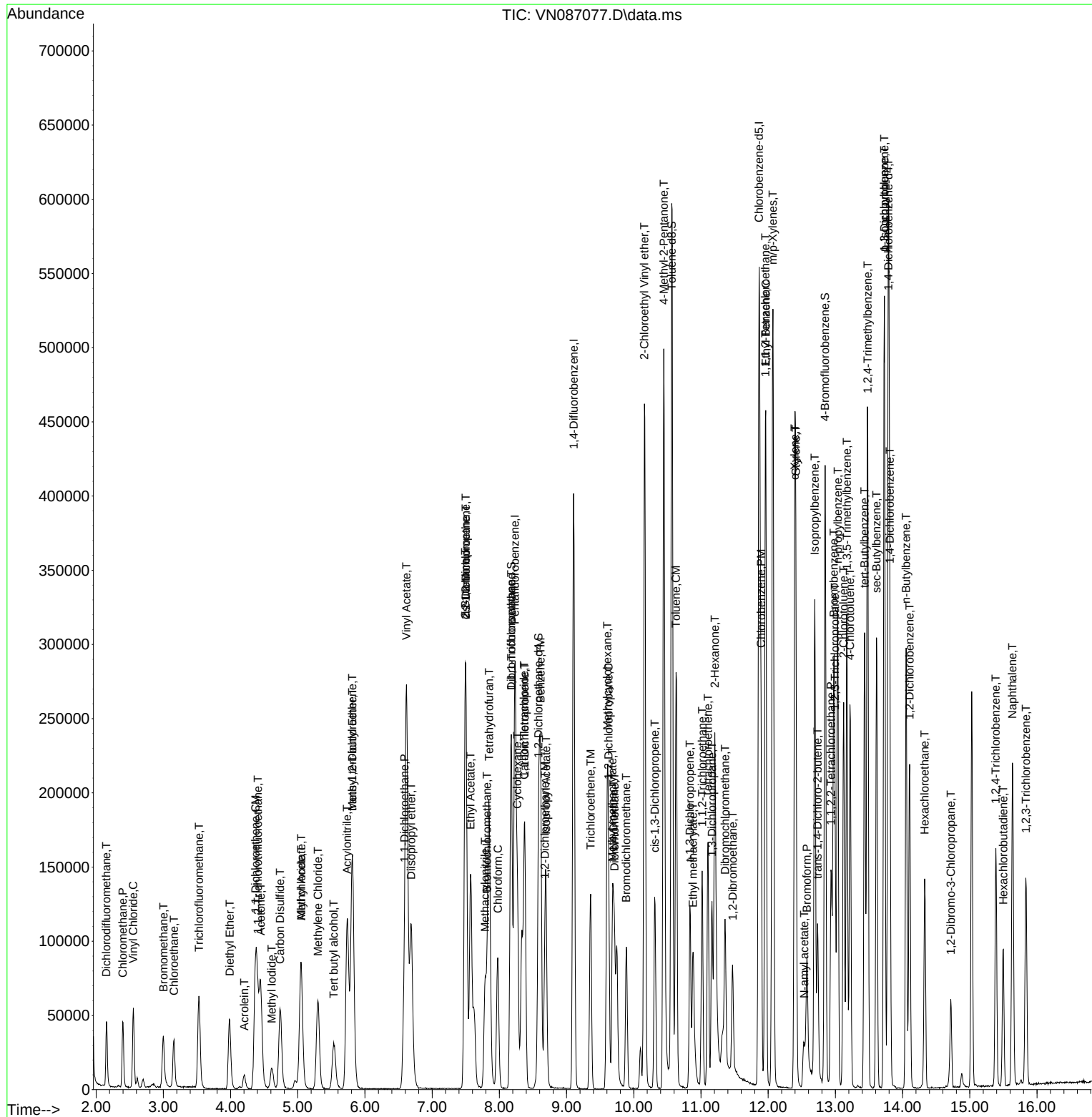
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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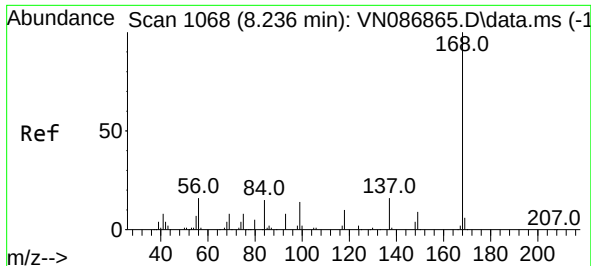
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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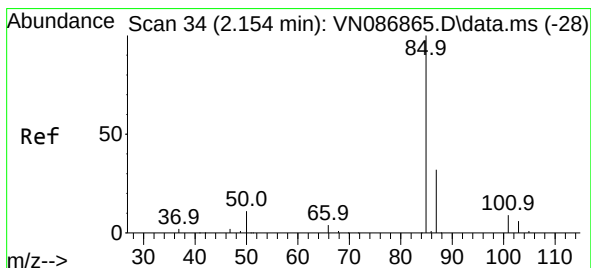
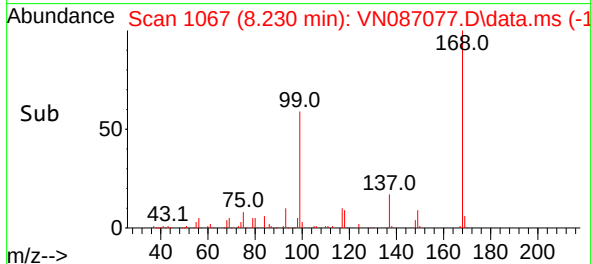
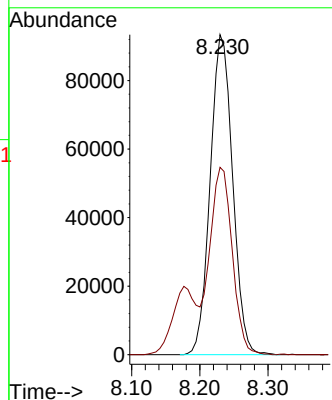
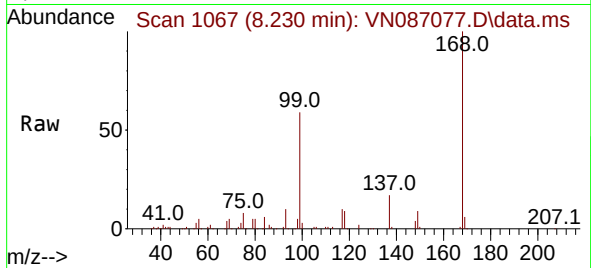




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. -0.006 min
Lab File: VN087077.D
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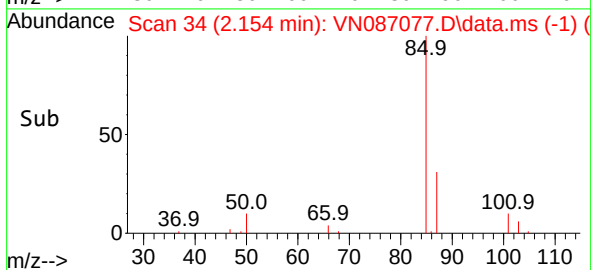
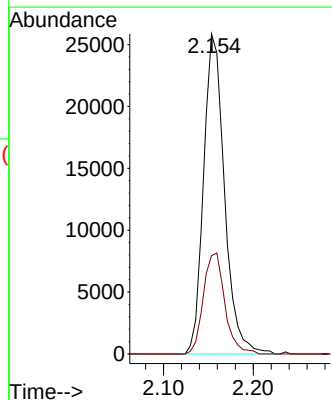
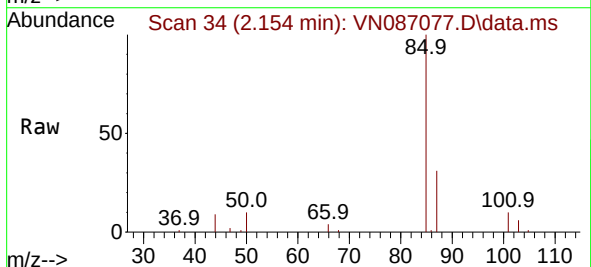
Instrument :
MSVOA_N
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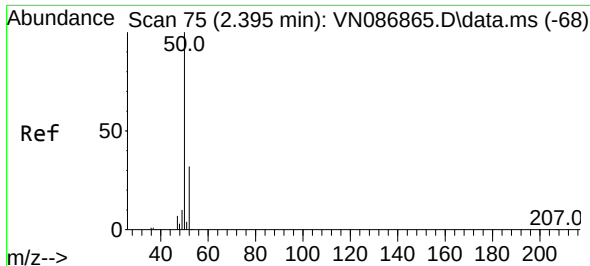
Tgt Ion:168 Resp: 213664
Ion Ratio Lower Upper
168 100
99 58.4 49.1 73.7



#2
Dichlorodifluoromethane
Concen: 19.643 ug/l
RT: 2.154 min Scan# 34
Delta R.T. -0.000 min
Lab File: VN087077.D
Acq: 18 Jun 2025 12:07

Tgt Ion: 85 Resp: 41847
Ion Ratio Lower Upper
85 100
87 30.7 16.2 48.6

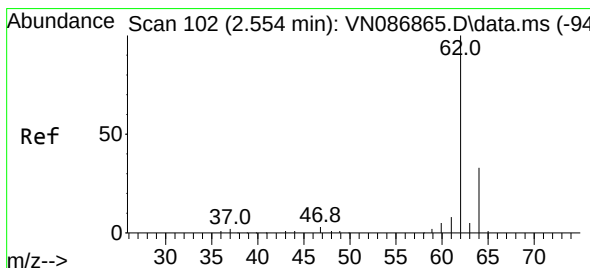
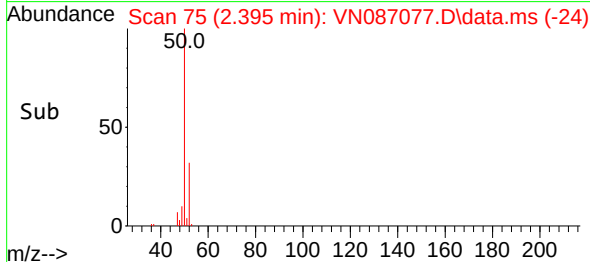
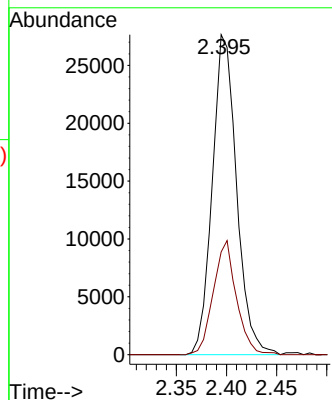
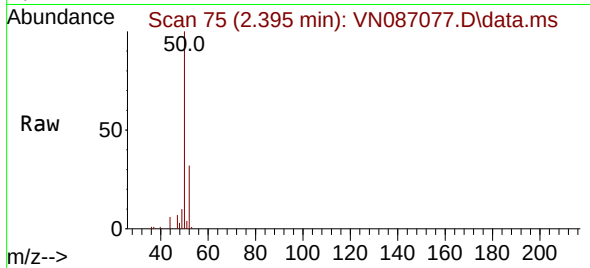




#3
Chloromethane
Concen: 16.927 ug/l
RT: 2.395 min Scan# 75
Delta R.T. -0.000 min
Lab File: VN087077.D
Acq: 18 Jun 2025 12:07

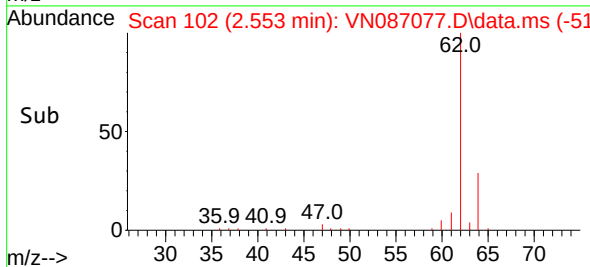
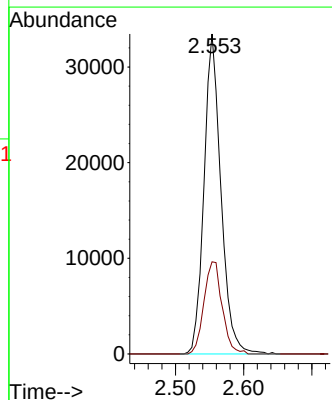
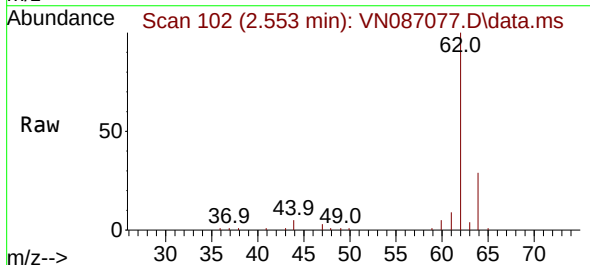
Instrument :
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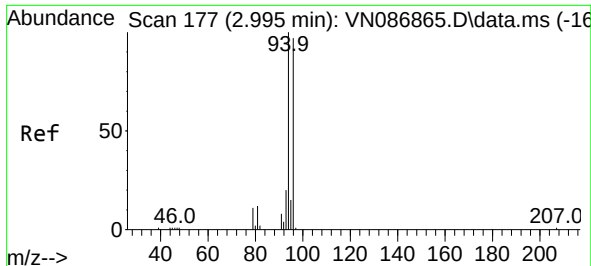
Tgt Ion: 50 Resp: 46566
Ion Ratio Lower Upper
50 100
52 32.1 25.7 38.5



#4
Vinyl Chloride
Concen: 20.337 ug/l
RT: 2.553 min Scan# 102
Delta R.T. -0.000 min
Lab File: VN087077.D
Acq: 18 Jun 2025 12:07

Tgt Ion: 62 Resp: 57713
Ion Ratio Lower Upper
62 100
64 28.8 26.0 39.0

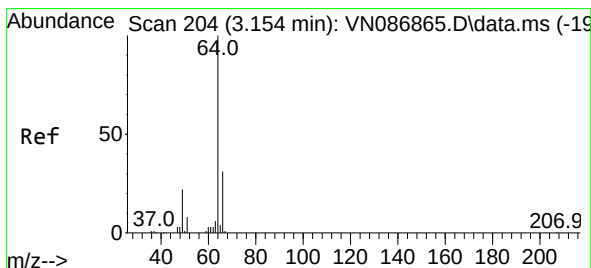
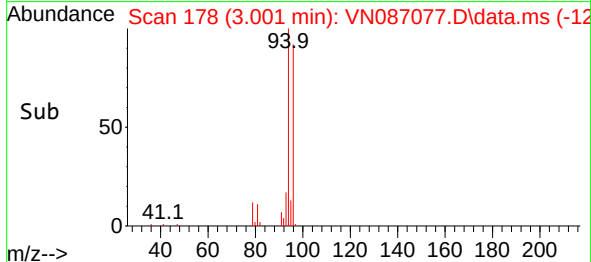
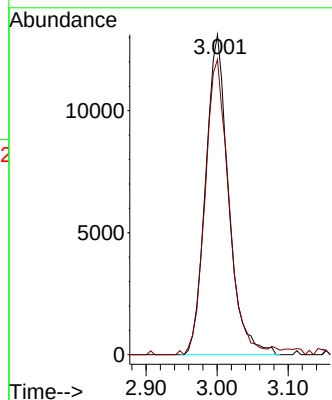
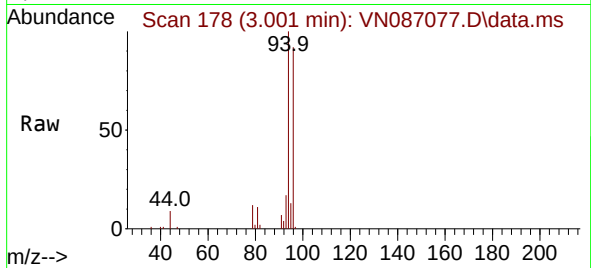




#5
Bromomethane
Concen: 18.559 ug/l
RT: 3.001 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN087077.D
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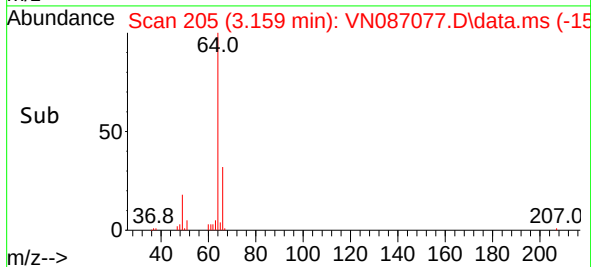
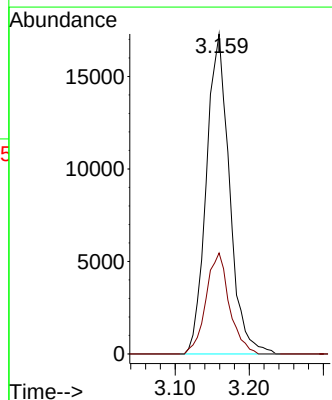
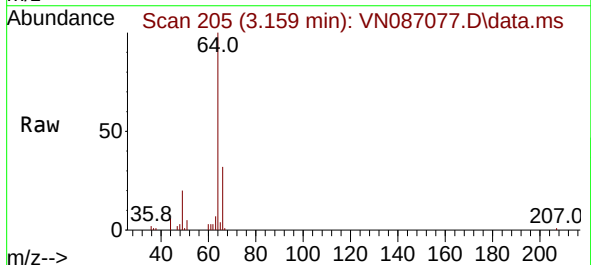
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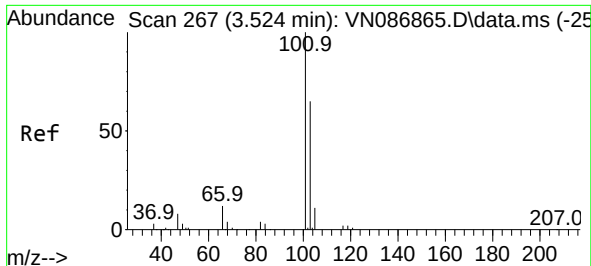
Tgt Ion: 94 Resp: 29472
Ion Ratio Lower Upper
94 100
96 91.0 77.9 116.9



#6
Chloroethane
Concen: 20.427 ug/l
RT: 3.159 min Scan# 205
Delta R.T. 0.006 min
Lab File: VN087077.D
Acq: 18 Jun 2025 12:07

Tgt Ion: 64 Resp: 37444
Ion Ratio Lower Upper
64 100
66 31.5 24.6 36.8

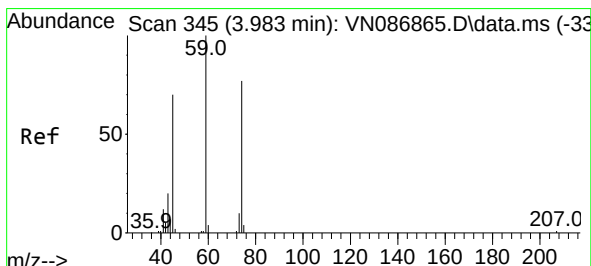
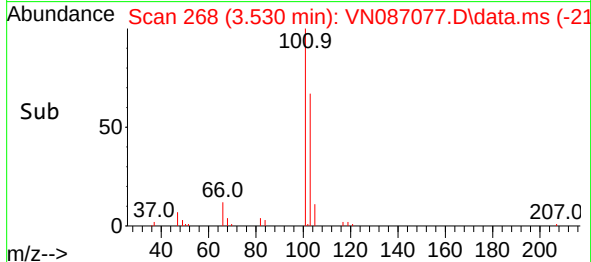
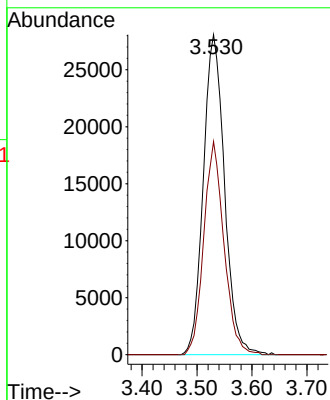
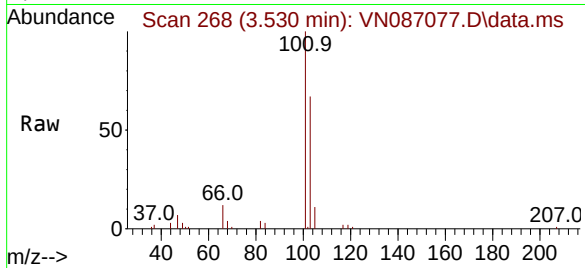




#7
 Trichlorofluoromethane
 Concen: 20.321 ug/l
 RT: 3.530 min Scan# 20
 Delta R.T. 0.006 min
 Lab File: VN087077.D
 Acq: 18 Jun 2025 12:07

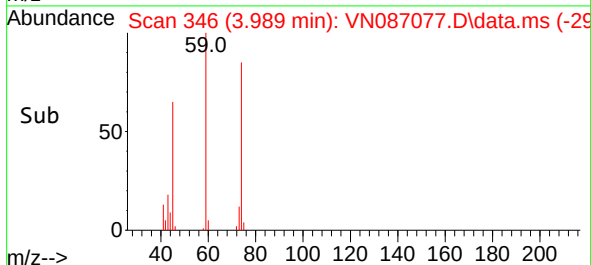
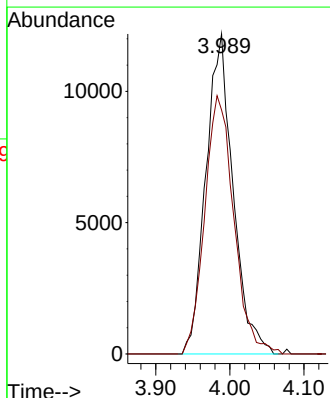
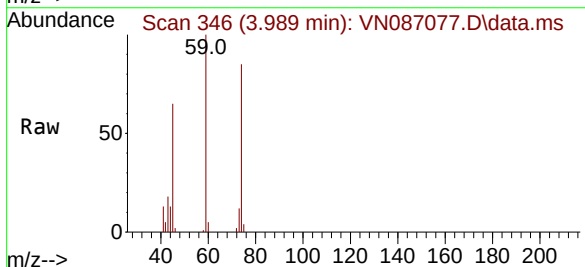
Instrument :
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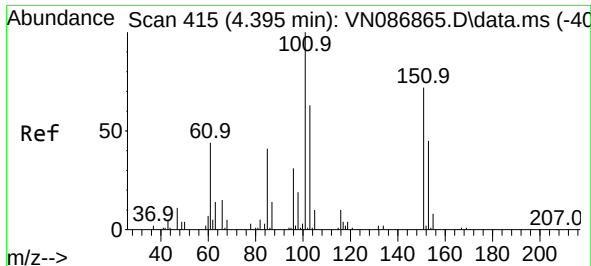
Tgt Ion:101 Resp: 75345
 Ion Ratio Lower Upper
 101 100
 103 66.6 52.2 78.2



#8
 Diethyl Ether
 Concen: 19.258 ug/l
 RT: 3.989 min Scan# 346
 Delta R.T. 0.006 min
 Lab File: VN087077.D
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Tgt Ion: 74 Resp: 31110
 Ion Ratio Lower Upper
 74 100
 45 86.3 45.5 136.5

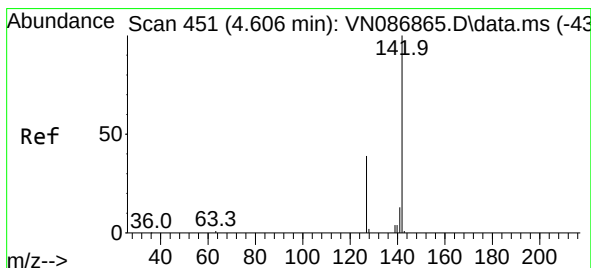
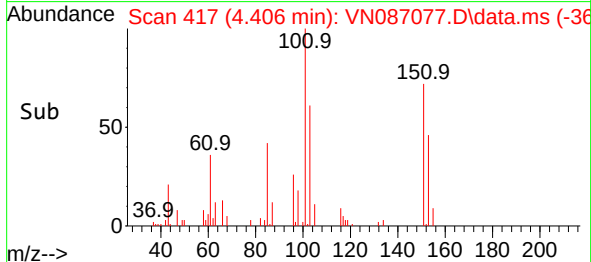
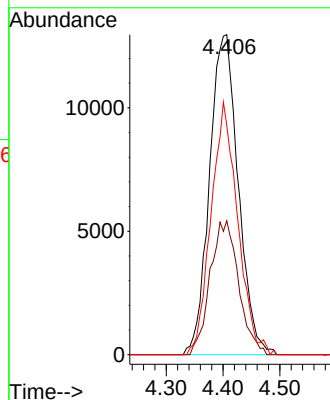
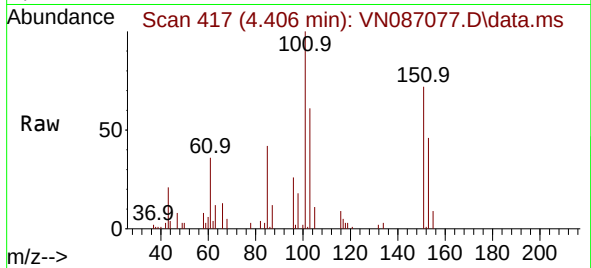




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.581 ug/l
RT: 4.406 min Scan# 415
Delta R.T. 0.012 min
Lab File: VN087077.D
Acq: 18 Jun 2025 12:07

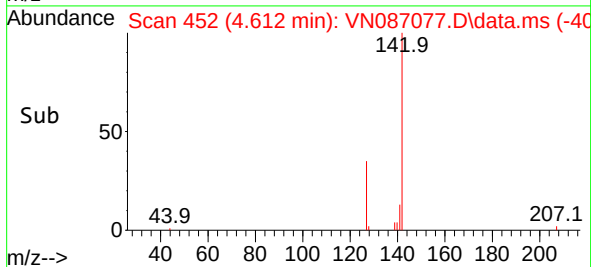
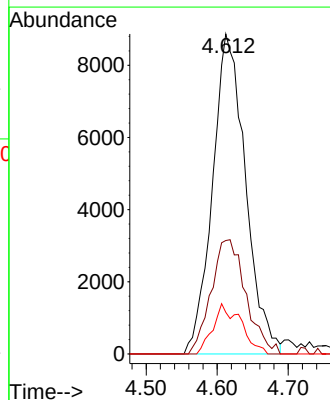
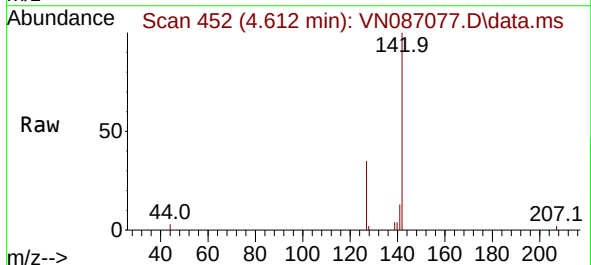
Instrument :
MSVOA_N
ClientSampleId :
VN0618WBS01

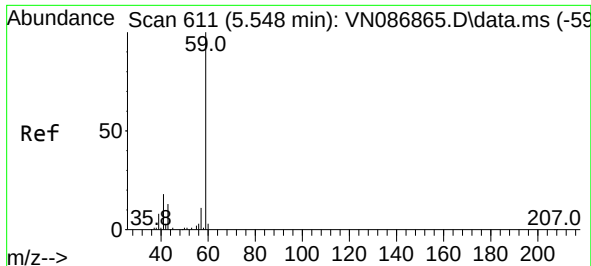
Tgt Ion:101 Resp: 45613
Ion Ratio Lower Upper
101 100
85 41.4 33.8 50.8
151 73.2 58.7 88.1



#10
Methyl Iodide
Concen: 9.481 ug/l
RT: 4.612 min Scan# 452
Delta R.T. 0.006 min
Lab File: VN087077.D
Acq: 18 Jun 2025 12:07

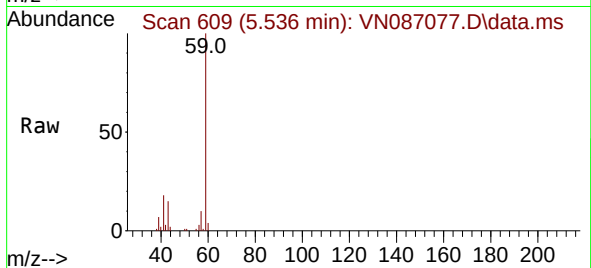
Tgt Ion:142 Resp: 28628
Ion Ratio Lower Upper
142 100
127 35.5 30.9 46.3
141 13.0 10.4 15.6



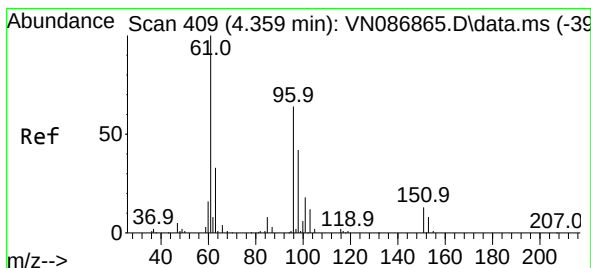
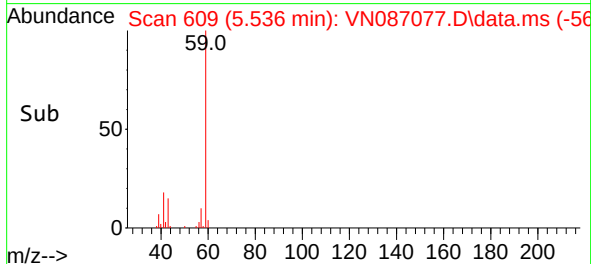
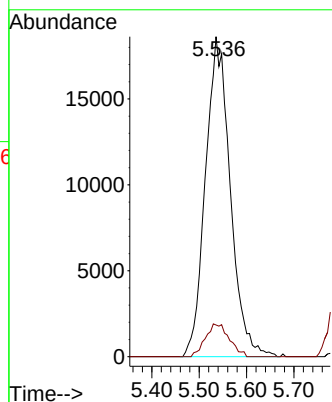


#11
Tert butyl alcohol
Concen: 87.339 ug/l
RT: 5.536 min Scan# 609
Delta R.T. -0.012 min
Lab File: VN087077.D
Acq: 18 Jun 2025 12:07

Instrument :
MSVOA_N
ClientSampleId :
VN0618WBS01

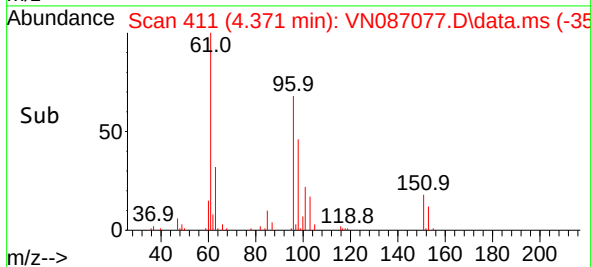
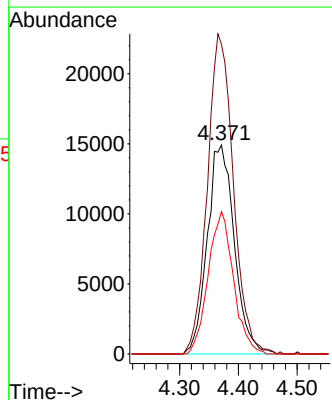
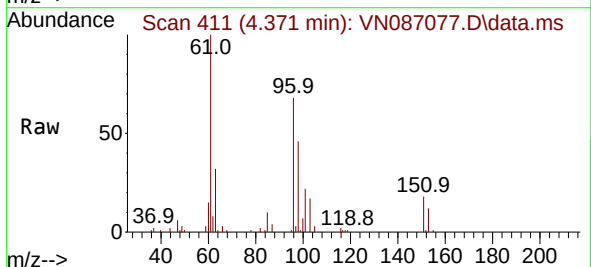


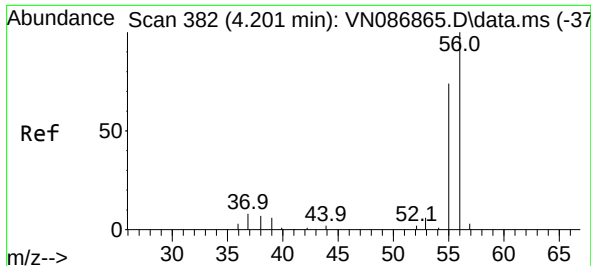
Tgt Ion: 59 Resp: 67795
Ion Ratio Lower Upper
59 100
57 9.8 8.1 12.1



#12
1,1-Dichloroethene
Concen: 20.078 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.012 min
Lab File: VN087077.D
Acq: 18 Jun 2025 12:07

Tgt Ion: 96 Resp: 47748
Ion Ratio Lower Upper
96 100
61 148.1 125.8 188.6
98 68.1 52.5 78.7

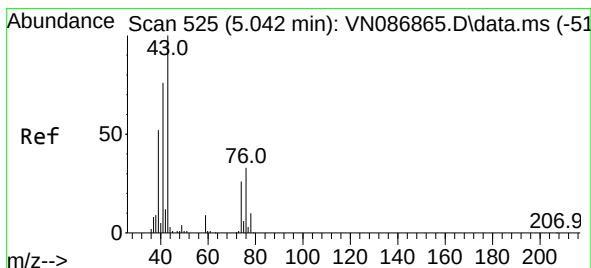
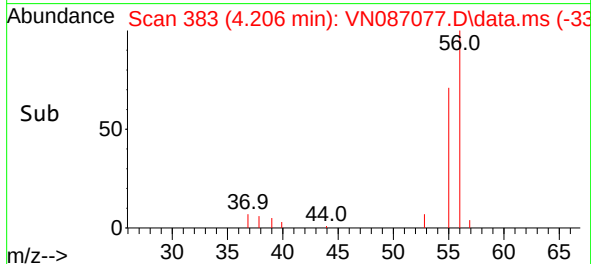
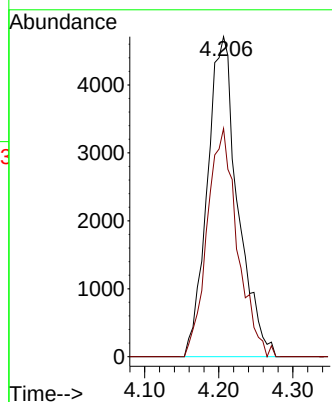
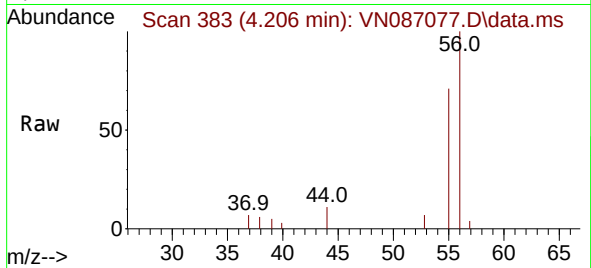




#13
Acrolein
Concen: 54.765 ug/l
RT: 4.206 min Scan# 382
Delta R.T. 0.006 min
Lab File: VN087077.D
Acq: 18 Jun 2025 12:07

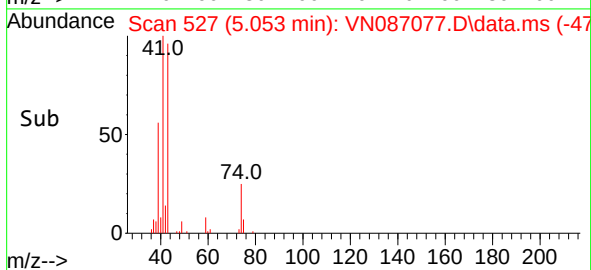
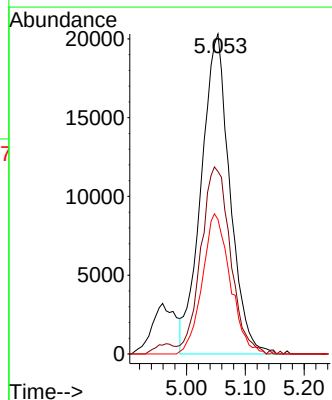
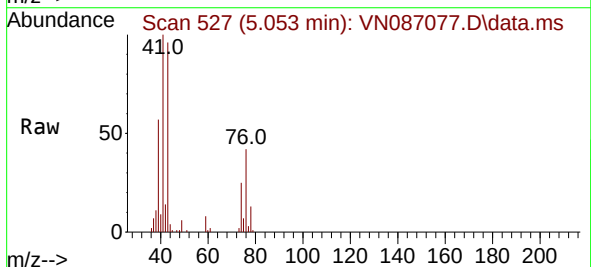
Instrument :
MSVOA_N
ClientSampleId :
VN0618WBS01

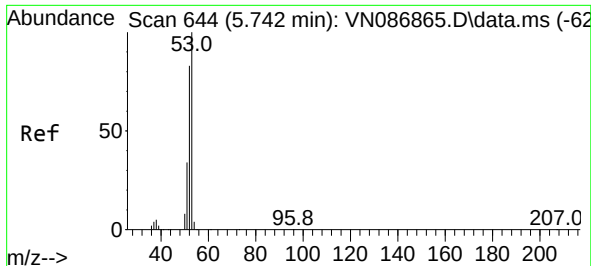
Tgt Ion: 56 Resp: 13456
Ion Ratio Lower Upper
56 100
55 70.8 55.6 83.4



#14
Allyl chloride
Concen: 17.455 ug/l
RT: 5.053 min Scan# 527
Delta R.T. 0.012 min
Lab File: VN087077.D
Acq: 18 Jun 2025 12:07

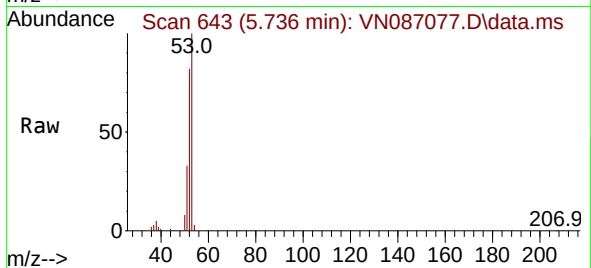
Tgt Ion: 41 Resp: 68843
Ion Ratio Lower Upper
41 100
39 60.5 51.3 76.9
76 42.6 31.4 47.0



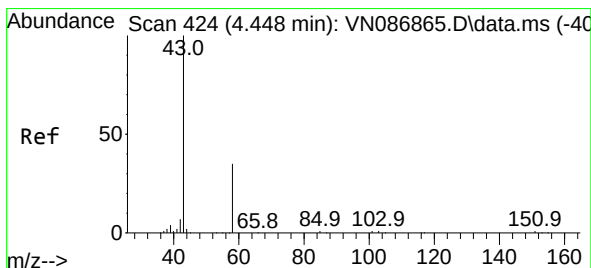
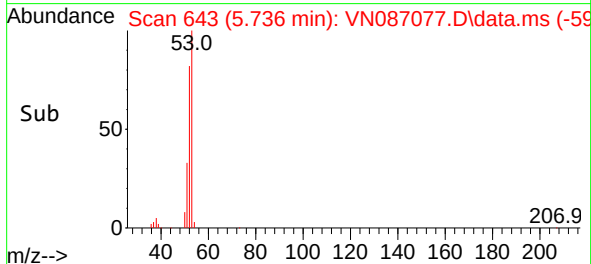
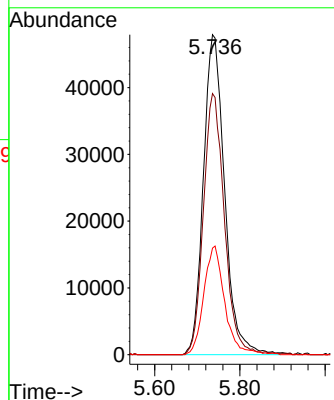


#15
Acrylonitrile
Concen: 91.332 ug/l
RT: 5.736 min Scan# 644
Delta R.T. -0.006 min
Lab File: VN087077.D
Acq: 18 Jun 2025 12:07

Instrument :
MSVOA_N
ClientSampleId :
VN0618WBS01

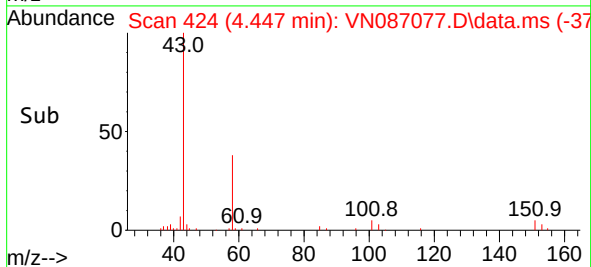
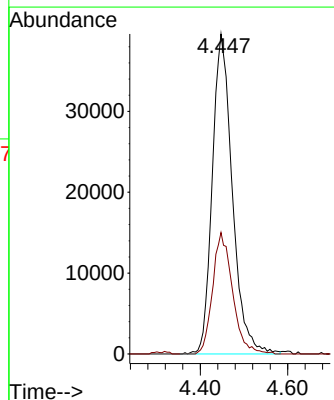
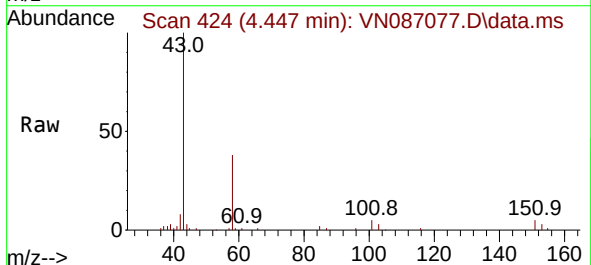


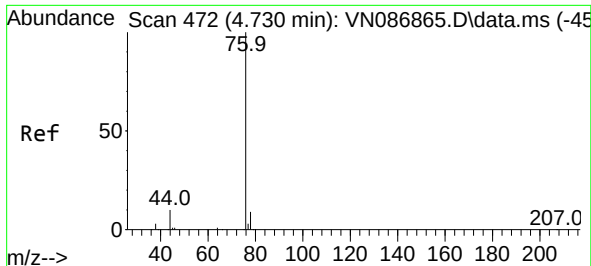
Tgt Ion: 53 Resp: 165705
Ion Ratio Lower Upper
53 100
52 80.3 65.0 97.6
51 33.6 27.2 40.8



#16
Acetone
Concen: 82.911 ug/l
RT: 4.447 min Scan# 424
Delta R.T. -0.000 min
Lab File: VN087077.D
Acq: 18 Jun 2025 12:07

Tgt Ion: 43 Resp: 125781
Ion Ratio Lower Upper
43 100
58 37.9 28.0 42.0

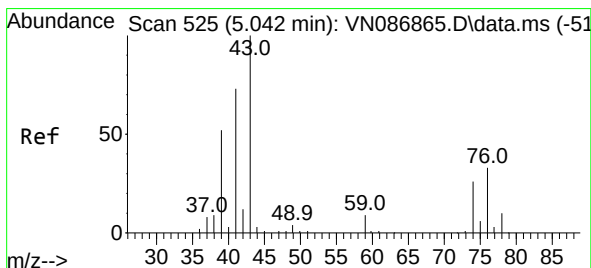
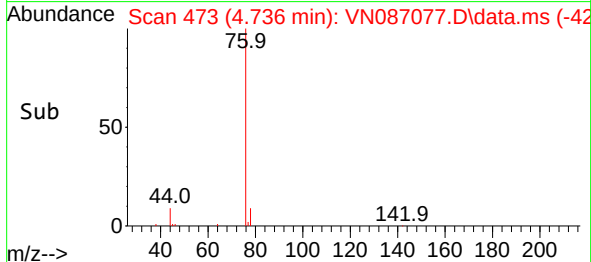
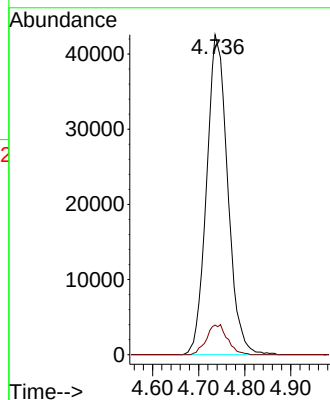
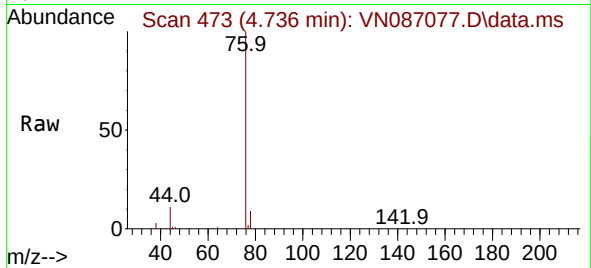




#17
Carbon Disulfide
Concen: 20.595 ug/l
RT: 4.736 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN087077.D
Acq: 18 Jun 2025 12:07

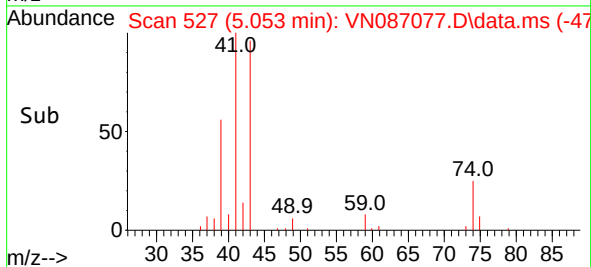
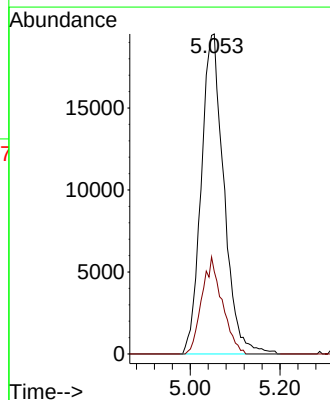
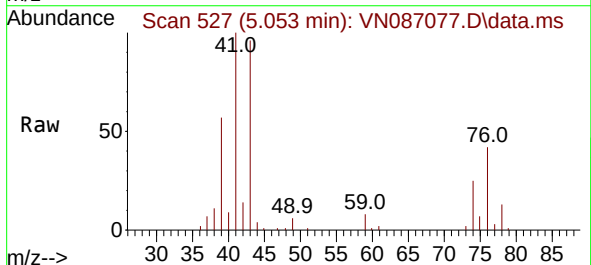
Instrument :
MSVOA_N
ClientSampleId :
VN0618WBS01

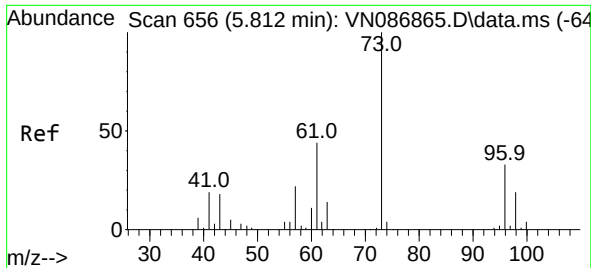
Tgt Ion: 76 Resp: 135478
Ion Ratio Lower Upper
76 100
78 9.3 7.3 10.9



#18
Methyl Acetate
Concen: 15.472 ug/l
RT: 5.053 min Scan# 527
Delta R.T. 0.012 min
Lab File: VN087077.D
Acq: 18 Jun 2025 12:07

Tgt Ion: 43 Resp: 68403
Ion Ratio Lower Upper
43 100
74 27.3 20.7 31.1

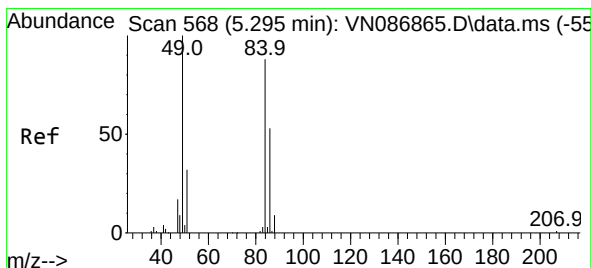
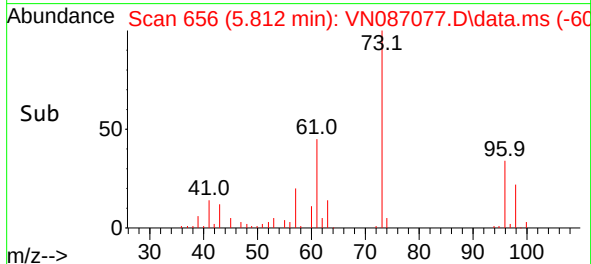
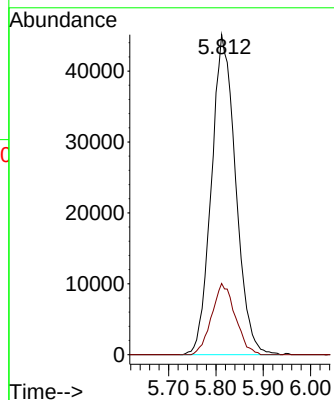
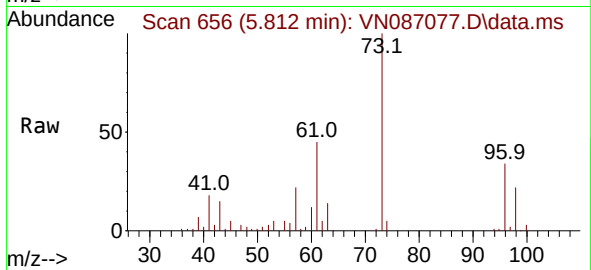




#19
Methyl tert-butyl Ether
Concen: 18.663 ug/l
RT: 5.812 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN087077.D
Acq: 18 Jun 2025 12:07

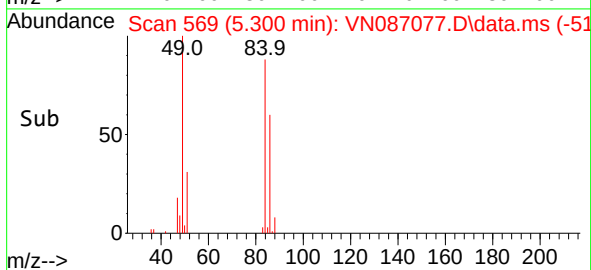
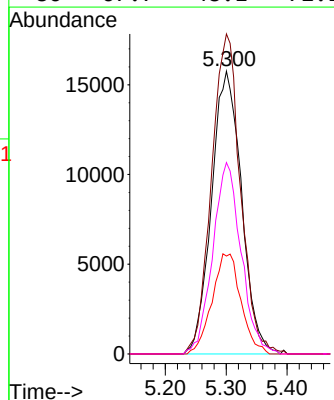
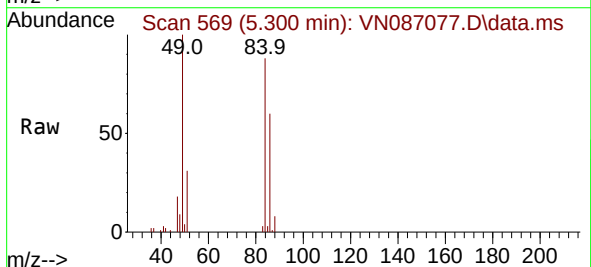
Instrument :
MSVOA_N
ClientSampleId :
VN0618WBS01

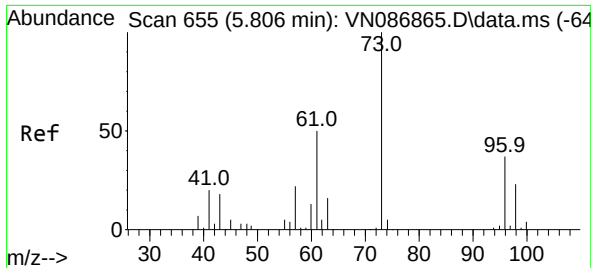
Tgt Ion: 73 Resp: 160700
Ion Ratio Lower Upper
73 100
57 22.3 17.4 26.2



#20
Methylene Chloride
Concen: 18.978 ug/l
RT: 5.300 min Scan# 569
Delta R.T. 0.006 min
Lab File: VN087077.D
Acq: 18 Jun 2025 12:07

Tgt Ion: 84 Resp: 53901
Ion Ratio Lower Upper
84 100
49 113.2 90.5 135.7
51 34.6 28.5 42.7
86 67.7 48.1 72.1

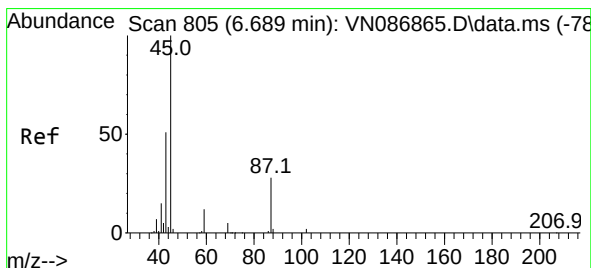
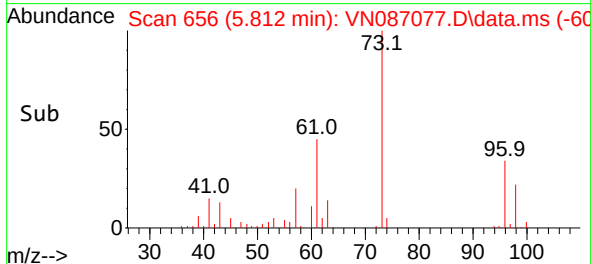
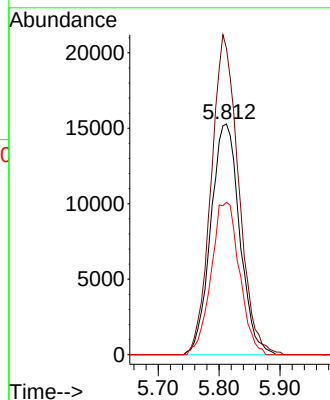
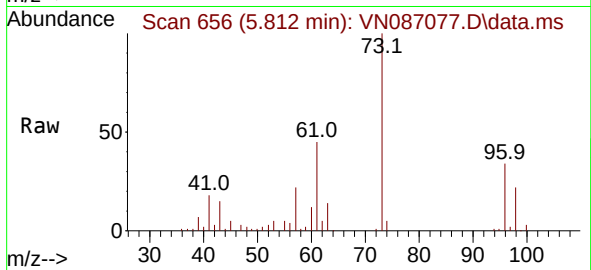




#21
trans-1,2-Dichloroethene
Concen: 19.044 ug/l
RT: 5.812 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN087077.D
Acq: 18 Jun 2025 12:07

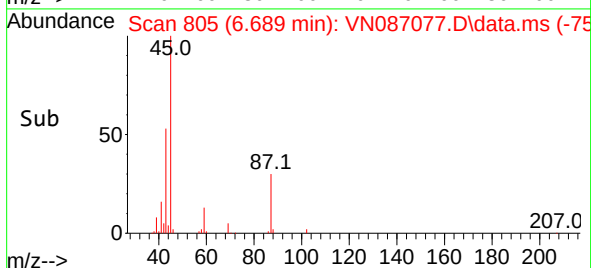
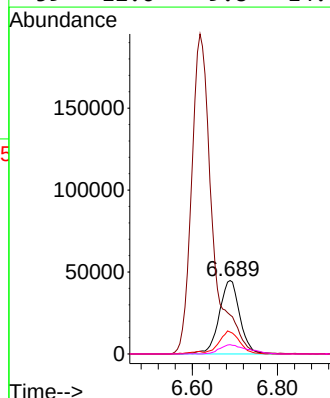
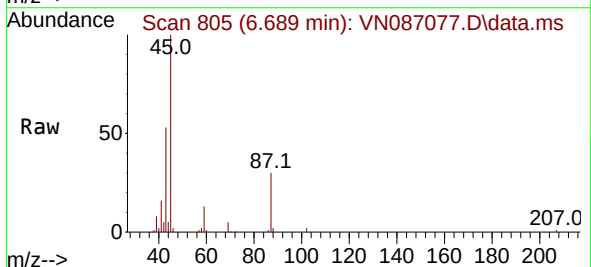
Instrument :
MSVOA_N
ClientSampleId :
VN0618WBS01

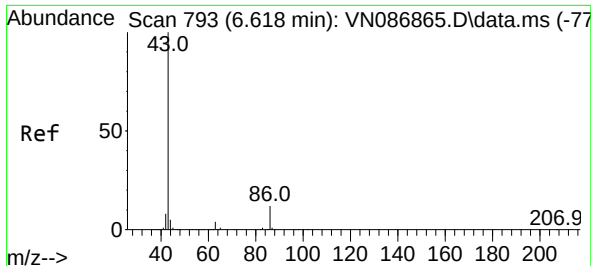
Tgt Ion: 96 Resp: 50387
Ion Ratio Lower Upper
96 100
61 132.7 109.2 163.8
98 66.0 49.8 74.8



#22
Diisopropyl ether
Concen: 18.114 ug/l
RT: 6.689 min Scan# 805
Delta R.T. -0.000 min
Lab File: VN087077.D
Acq: 18 Jun 2025 12:07

Tgt Ion: 45 Resp: 150595
Ion Ratio Lower Upper
45 100
43 52.1 41.9 62.9
87 30.0 22.4 33.6
59 12.6 9.8 14.6

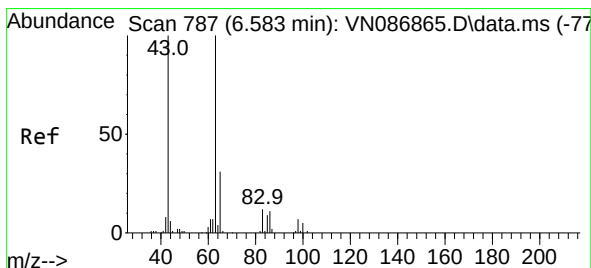
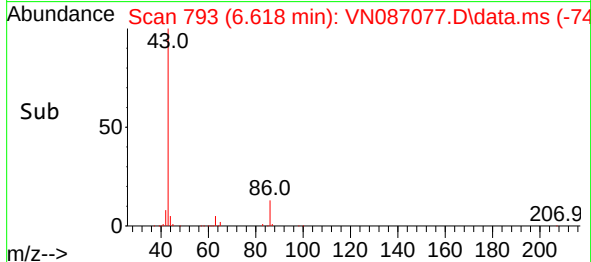
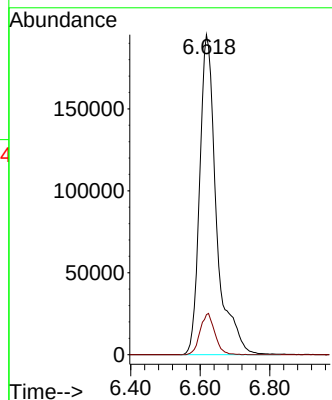
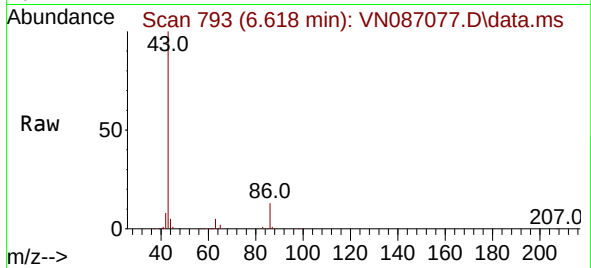




#23
 Vinyl Acetate
 Concen: 93.144 ug/l
 RT: 6.618 min Scan# 793
 Delta R.T. -0.000 min
 Lab File: VN087077.D
 Acq: 18 Jun 2025 12:07

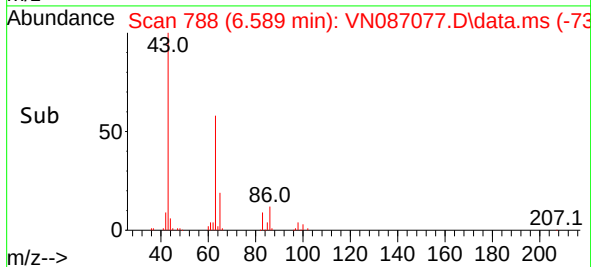
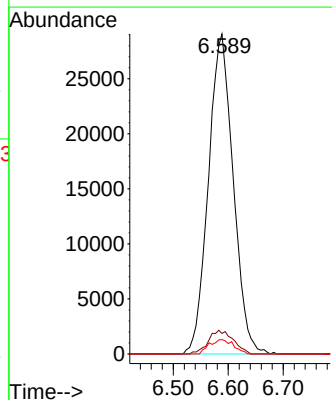
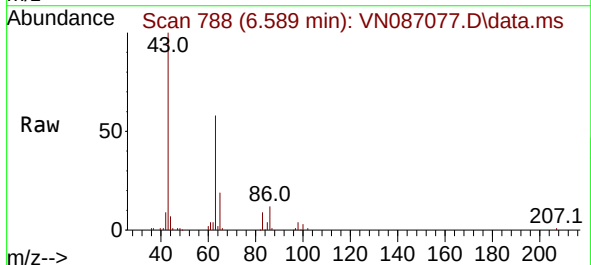
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0618WBS01

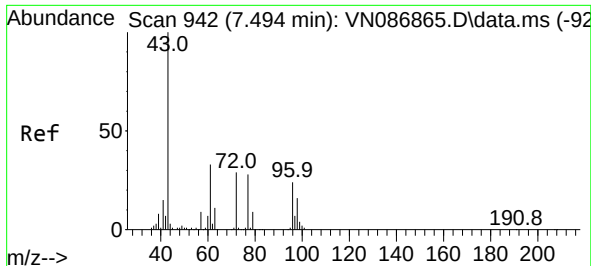
Tgt Ion: 43 Resp: 654255
 Ion Ratio Lower Upper
 43 100
 86 12.5 9.5 14.3



#24
 1,1-Dichloroethane
 Concen: 19.066 ug/l
 RT: 6.589 min Scan# 788
 Delta R.T. 0.006 min
 Lab File: VN087077.D
 Acq: 18 Jun 2025 12:07

Tgt Ion: 63 Resp: 91217
 Ion Ratio Lower Upper
 63 100
 98 6.4 3.6 10.8
 100 4.5 2.6 7.8

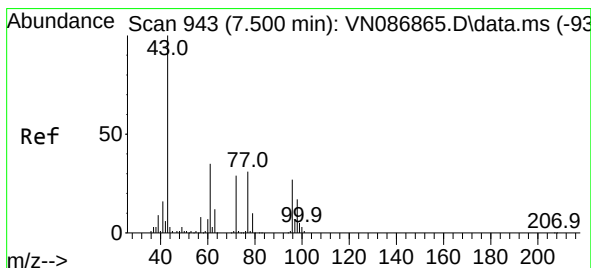
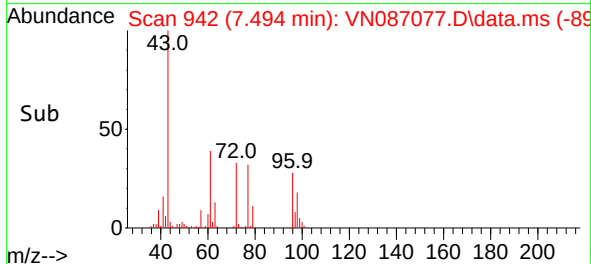
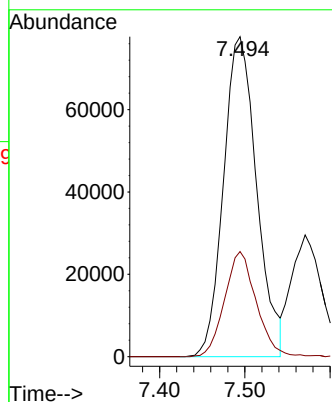
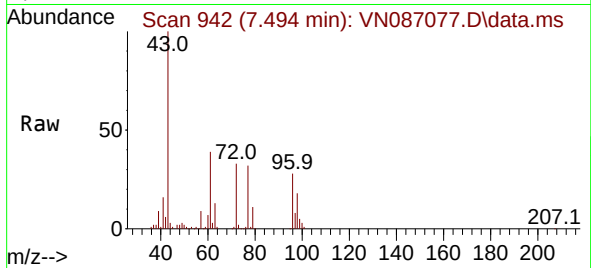




#25
2-Butanone
Concen: 85.320 ug/l
RT: 7.494 min Scan# 942
Delta R.T. -0.000 min
Lab File: VN087077.D
Acq: 18 Jun 2025 12:07

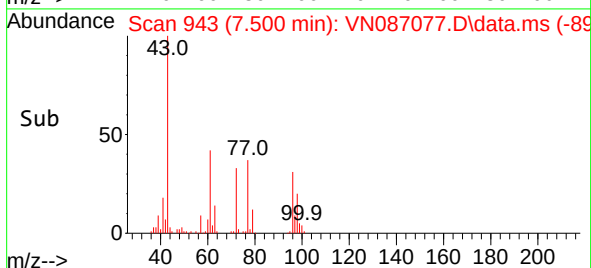
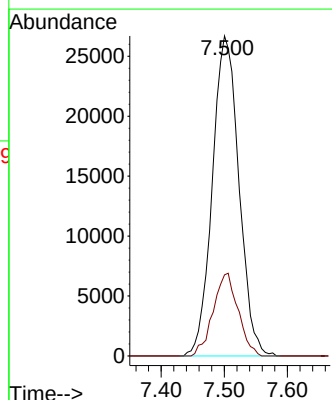
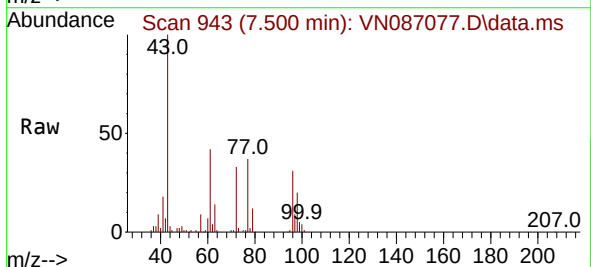
Instrument :
MSVOA_N
ClientSampleId :
VN0618WBS01

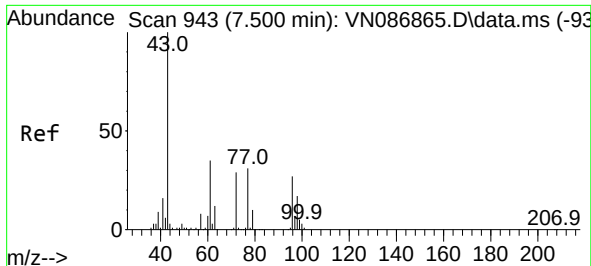
Tgt Ion: 43 Resp: 210395
Ion Ratio Lower Upper
43 100
72 32.8 23.0 34.6



#26
2,2-Dichloropropane
Concen: 20.970 ug/l
RT: 7.500 min Scan# 943
Delta R.T. -0.000 min
Lab File: VN087077.D
Acq: 18 Jun 2025 12:07

Tgt Ion: 77 Resp: 78044
Ion Ratio Lower Upper
77 100
97 24.2 11.6 34.7

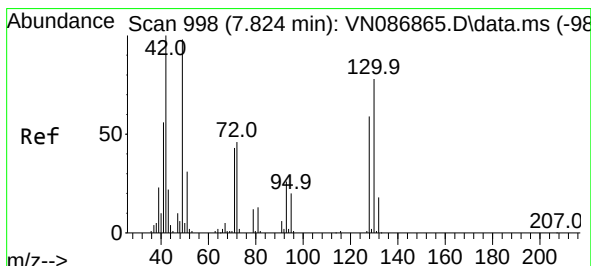
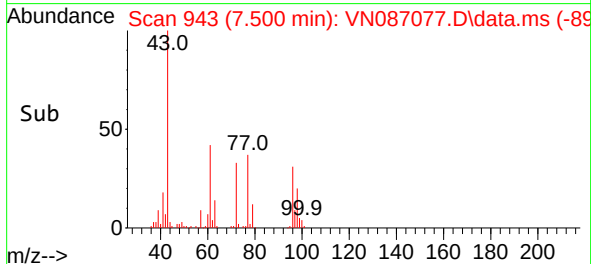
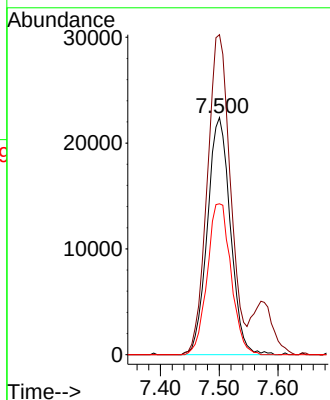
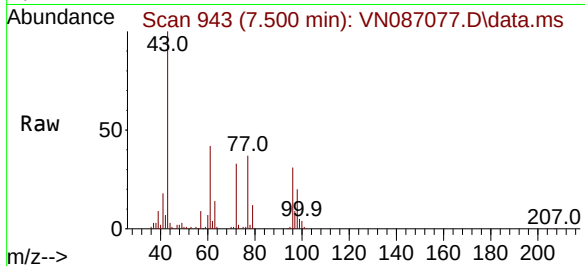




#27
 cis-1,2-Dichloroethene
 Concen: 19.262 ug/l
 RT: 7.500 min Scan# 94
 Delta R.T. -0.000 min
 Lab File: VN087077.D
 Acq: 18 Jun 2025 12:07

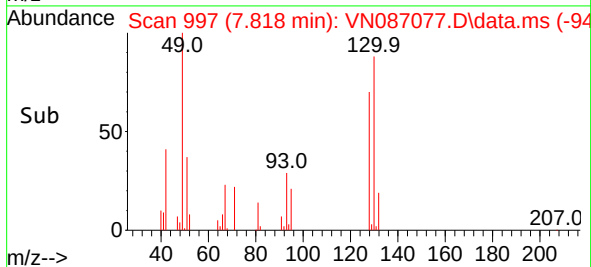
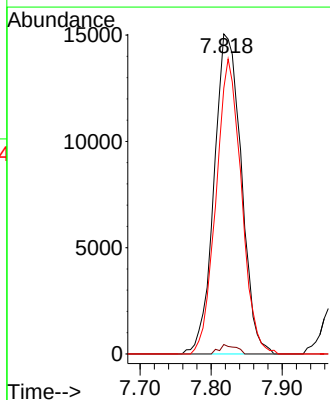
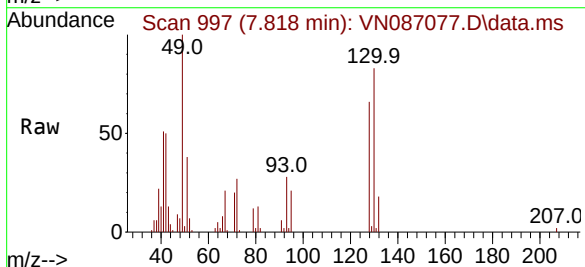
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0618WBS01

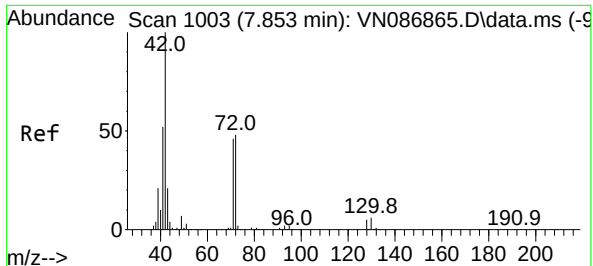
Tgt Ion: 96 Resp: 60950
 Ion Ratio Lower Upper
 96 100
 61 135.7 0.0 278.0
 98 65.6 0.0 128.2



#28
 Bromochloromethane
 Concen: 17.058 ug/l
 RT: 7.818 min Scan# 997
 Delta R.T. -0.006 min
 Lab File: VN087077.D
 Acq: 18 Jun 2025 12:07

Tgt Ion: 49 Resp: 40126
 Ion Ratio Lower Upper
 49 100
 129 1.8 0.0 3.8
 130 85.8 62.2 93.2





#29

Tetrahydrofuran

Concen: 86.745 ug/l

RT: 7.847 min Scan# 1002

Delta R.T. -0.006 min

Lab File: VN087077.D

Acq: 18 Jun 2025 12:07

Instrument :

MSVOA_N

ClientSampleId :

VN0618WBS01

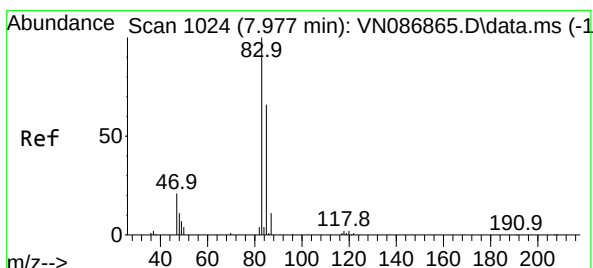
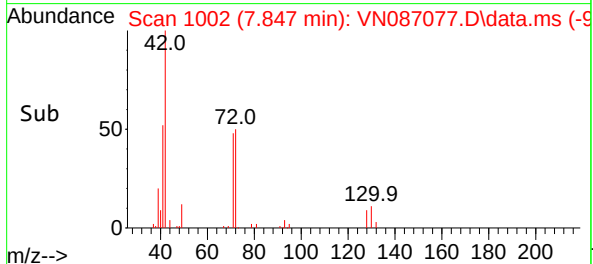
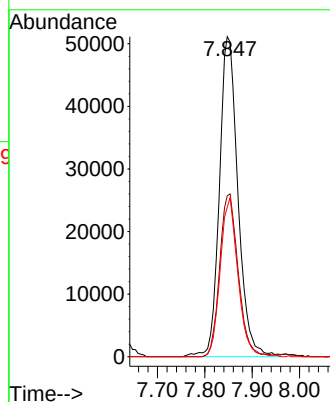
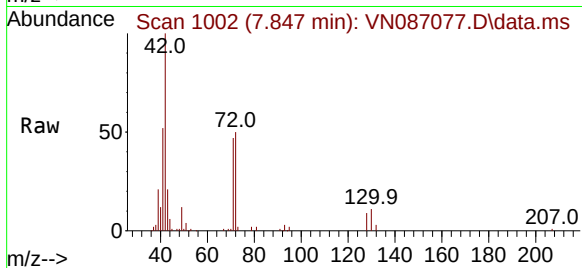
Tgt Ion: 42 Resp: 139346

Ion Ratio Lower Upper

42 100

72 50.7 37.8 56.6

71 47.2 35.6 53.4



#30

Chloroform

Concen: 18.890 ug/l

RT: 7.977 min Scan# 1024

Delta R.T. -0.000 min

Lab File: VN087077.D

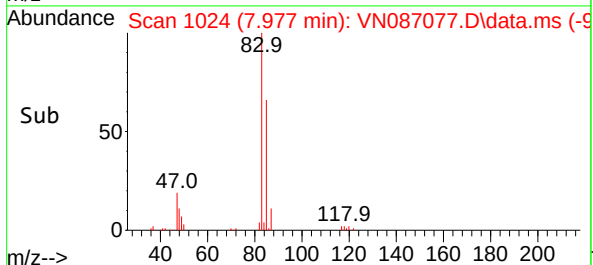
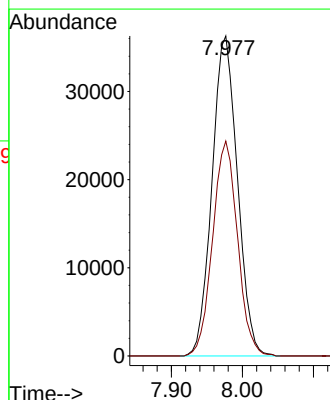
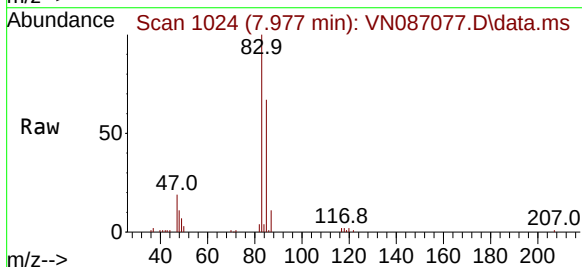
Acq: 18 Jun 2025 12:07

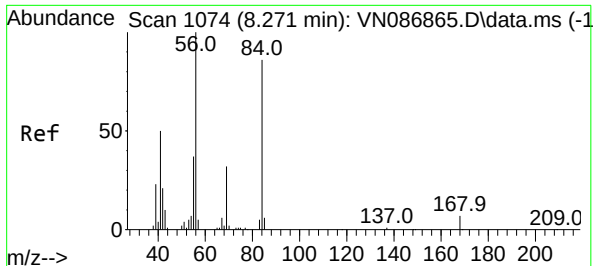
Tgt Ion: 83 Resp: 90256

Ion Ratio Lower Upper

83 100

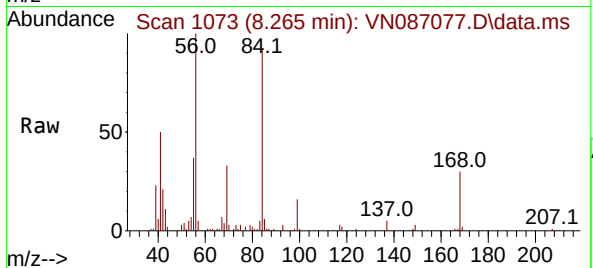
85 67.2 52.9 79.3



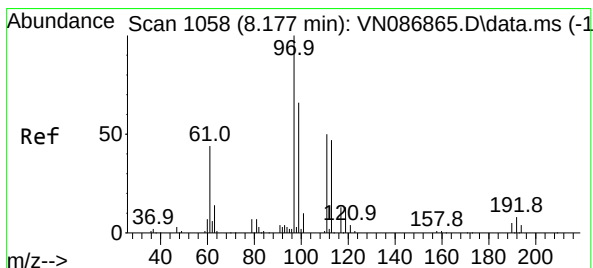
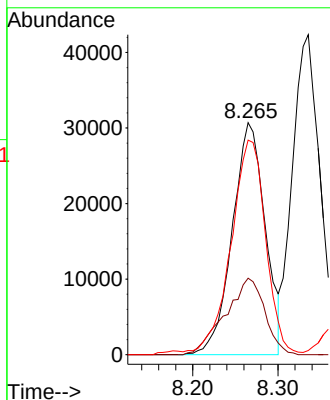
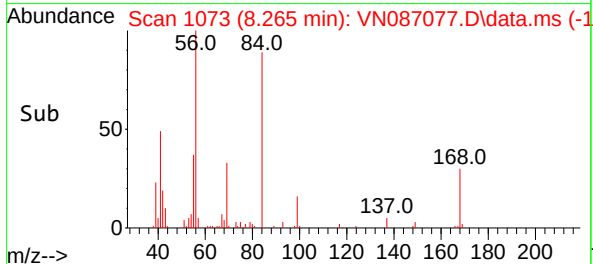


#31
Cyclohexane
Concen: 17.761 ug/l
RT: 8.265 min Scan# 1073
Delta R.T. -0.006 min
Lab File: VN087077.D
Acq: 18 Jun 2025 12:07

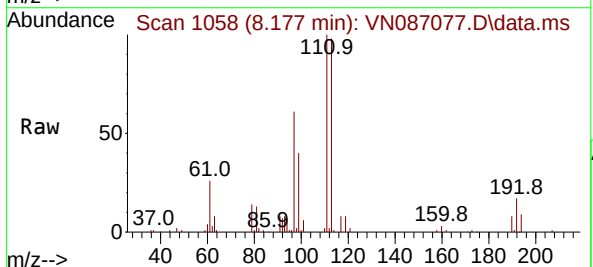
Instrument :
MSVOA_N
ClientSampleId :
VN0618WBS01



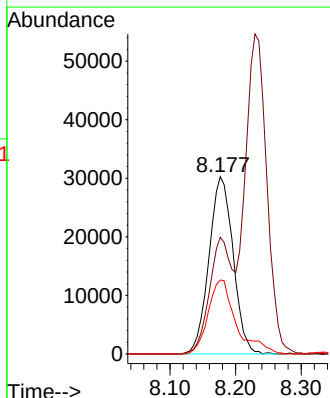
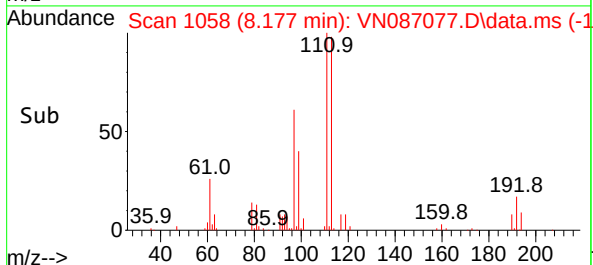
Tgt Ion: 56 Resp: 82406
Ion Ratio Lower Upper
56 100
69 32.9 25.4 38.0
84 91.0 68.8 103.2

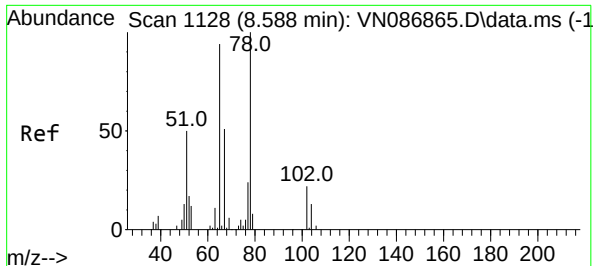


#32
1,1,1-Trichloroethane
Concen: 19.036 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VN087077.D
Acq: 18 Jun 2025 12:07



Tgt Ion: 97 Resp: 77358
Ion Ratio Lower Upper
97 100
99 63.6 52.0 78.0
61 48.3 35.9 53.9





#33

1,2-Dichloroethane-d4

Concen: 48.253 ug/l

RT: 8.582 min Scan# 1128

Delta R.T. -0.006 min

Lab File: VN087077.D

Acq: 18 Jun 2025 12:07

Instrument :

MSVOA_N

ClientSampleId :

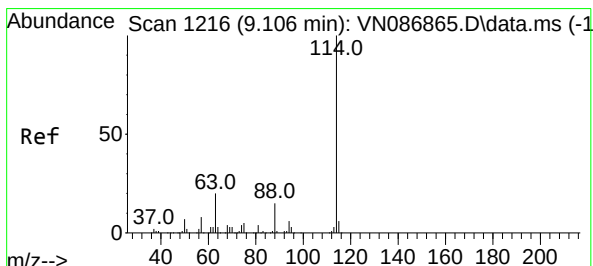
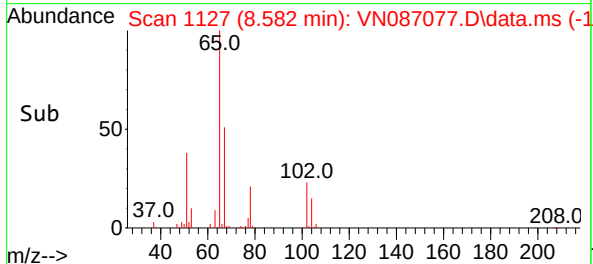
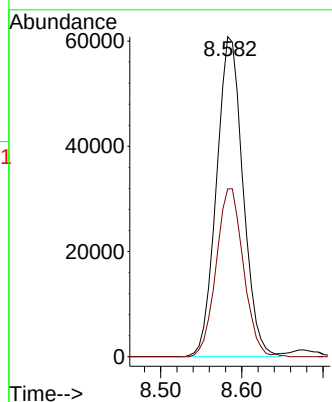
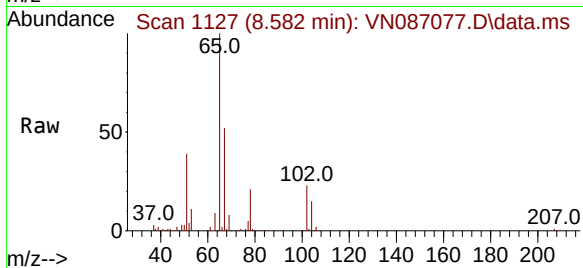
VN0618WBS01

Tgt Ion: 65 Resp: 138039

Ion Ratio Lower Upper

65 100

67 53.9 0.0 105.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. -0.000 min

Lab File: VN087077.D

Acq: 18 Jun 2025 12:07

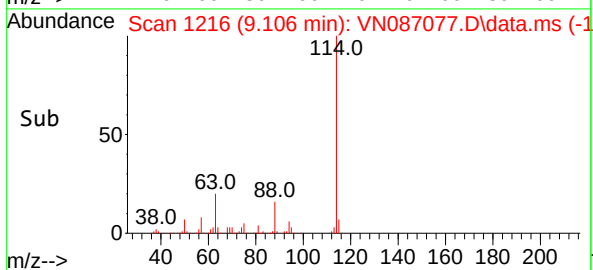
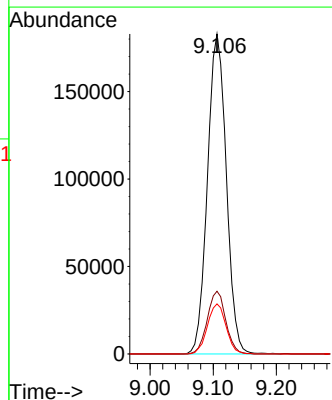
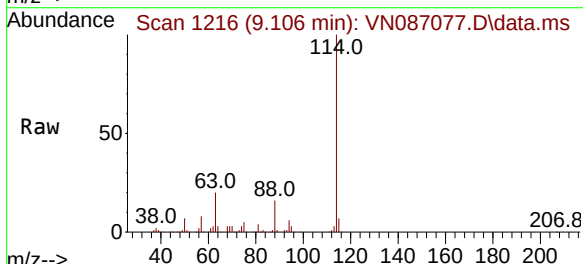
Tgt Ion: 114 Resp: 379722

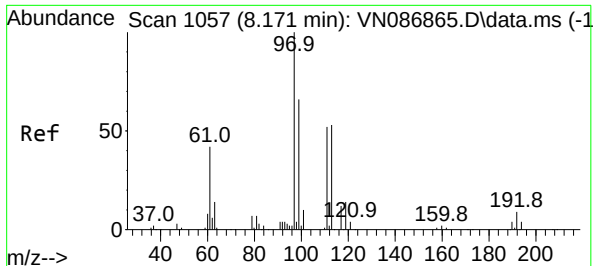
Ion Ratio Lower Upper

114 100

63 19.6 0.0 39.6

88 15.7 0.0 30.2

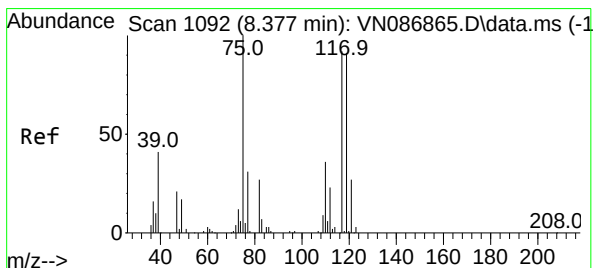
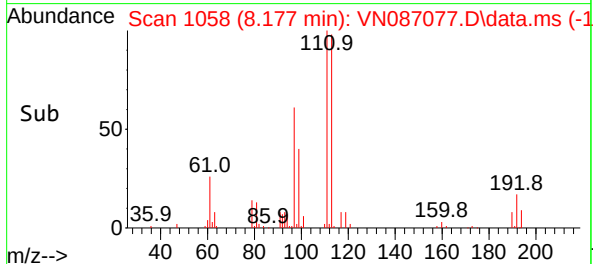
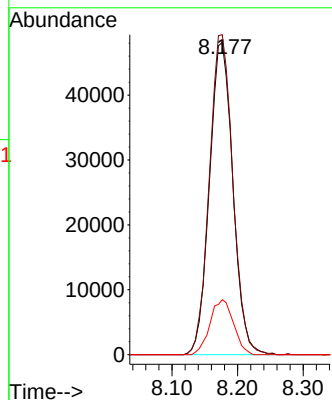
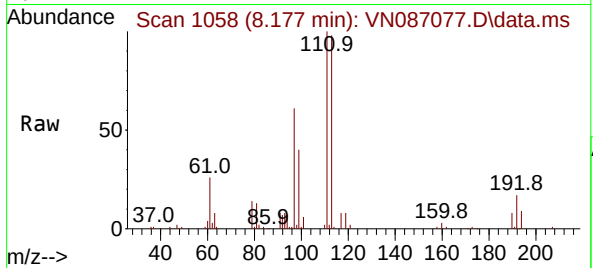




#35
Dibromofluoromethane
Concen: 52.991 ug/l
RT: 8.177 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN087077.D
Acq: 18 Jun 2025 12:07

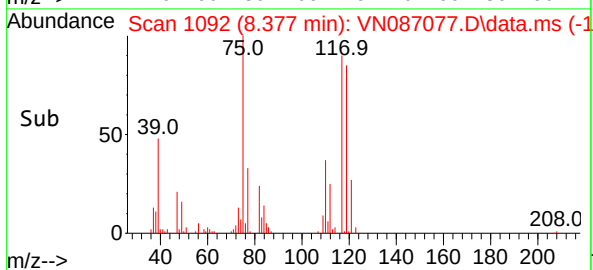
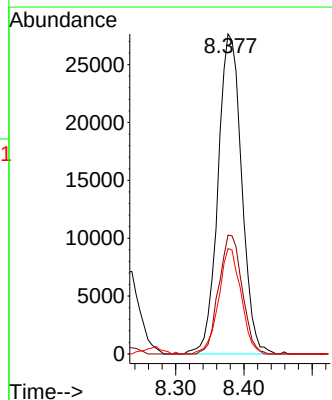
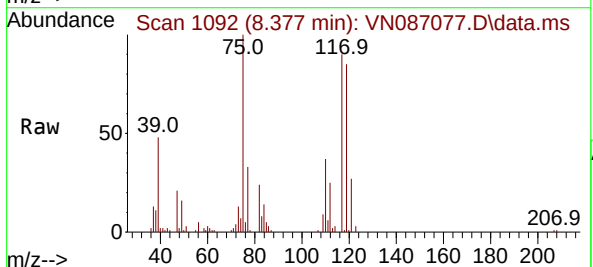
Instrument :
MSVOA_N
ClientSampleId :
VN0618WBS01

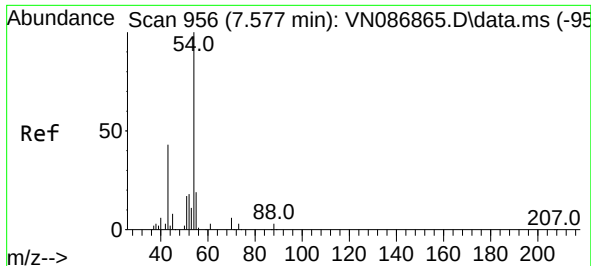
Tgt Ion:113 Resp: 119246
Ion Ratio Lower Upper
113 100
111 102.9 84.2 126.2
192 17.7 14.2 21.4



#36
1,1-Dichloropropene
Concen: 19.907 ug/l
RT: 8.377 min Scan# 1092
Delta R.T. -0.000 min
Lab File: VN087077.D
Acq: 18 Jun 2025 12:07

Tgt Ion: 75 Resp: 66753
Ion Ratio Lower Upper
75 100
110 36.7 17.6 52.9
77 31.3 25.3 37.9

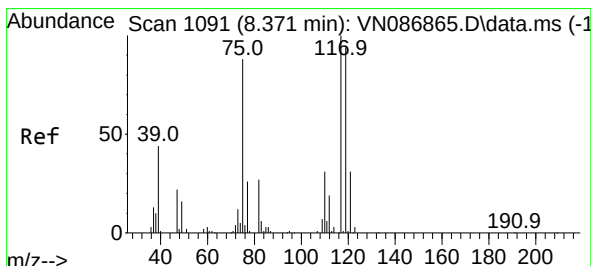
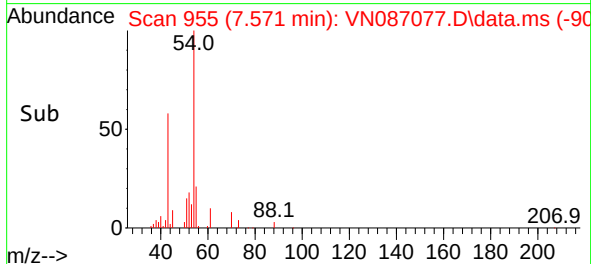
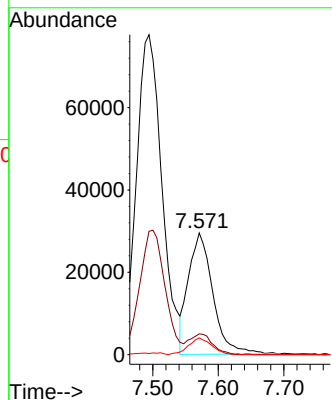
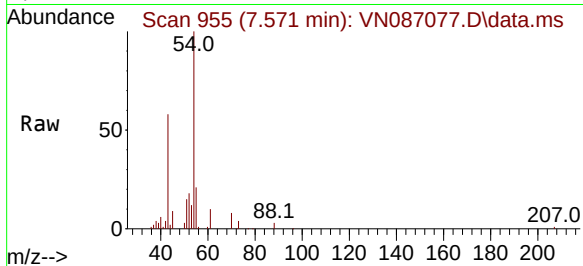




#37
Ethyl Acetate
Concen: 17.891 ug/l
RT: 7.571 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN087077.D
Acq: 18 Jun 2025 12:07

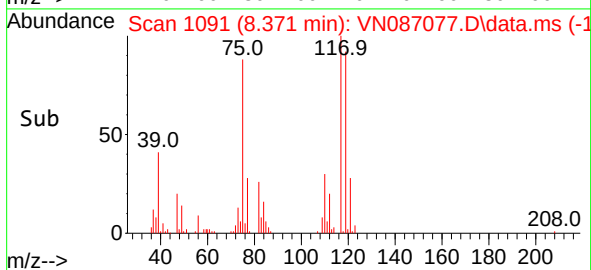
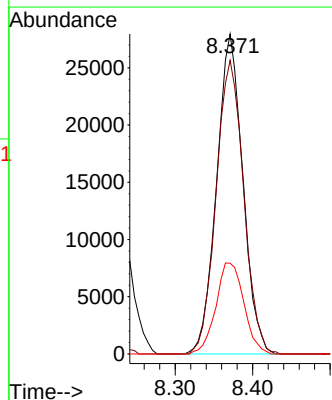
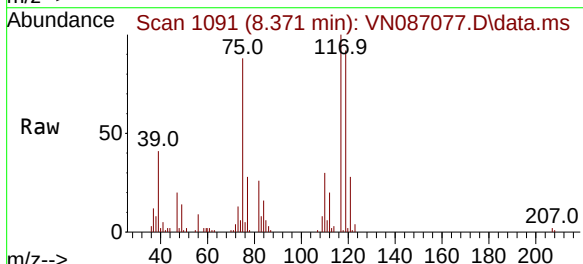
Instrument :
MSVOA_N
ClientSampleId :
VN0618WBS01

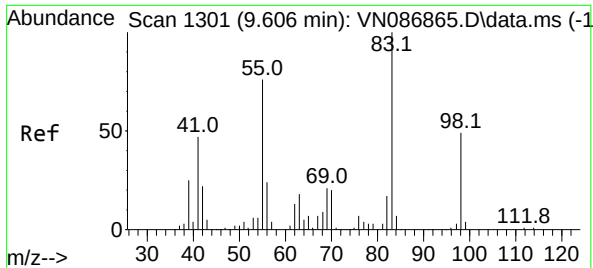
Tgt Ion: 43 Resp: 76370
Ion Ratio Lower Upper
43 100
61 16.1 12.1 18.1
70 13.0 9.8 14.6



#38
Carbon Tetrachloride
Concen: 19.984 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.000 min
Lab File: VN087077.D
Acq: 18 Jun 2025 12:07

Tgt Ion: 117 Resp: 65790
Ion Ratio Lower Upper
117 100
119 91.8 75.0 112.6
121 28.3 24.9 37.3





#39

Methylcyclohexane

Concen: 17.214 ug/l

RT: 9.606 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN087077.D

Acq: 18 Jun 2025 12:07

Instrument :

MSVOA_N

ClientSampleId :

VN0618WBS01

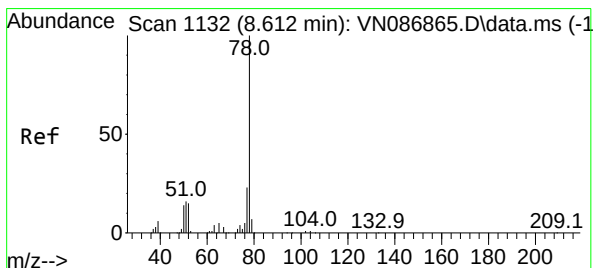
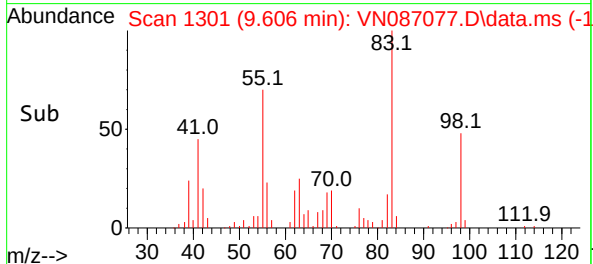
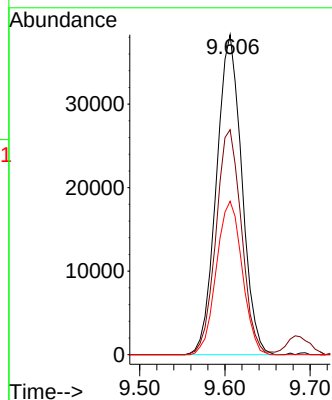
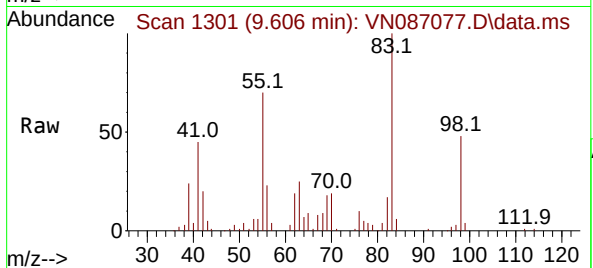
Tgt Ion: 83 Resp: 79083

Ion Ratio Lower Upper

83 100

55 70.3 61.0 91.6

98 48.0 38.9 58.3



#40

Benzene

Concen: 19.886 ug/l

RT: 8.612 min Scan# 1132

Delta R.T. -0.000 min

Lab File: VN087077.D

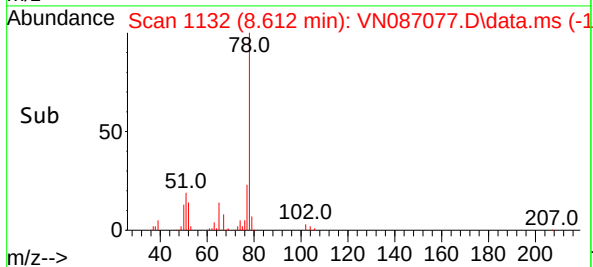
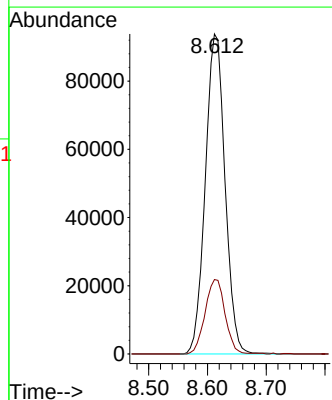
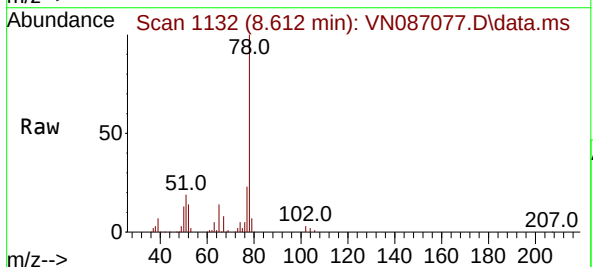
Acq: 18 Jun 2025 12:07

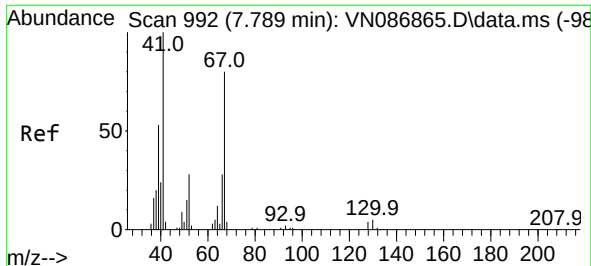
Tgt Ion: 78 Resp: 218047

Ion Ratio Lower Upper

78 100

77 23.3 18.7 28.1

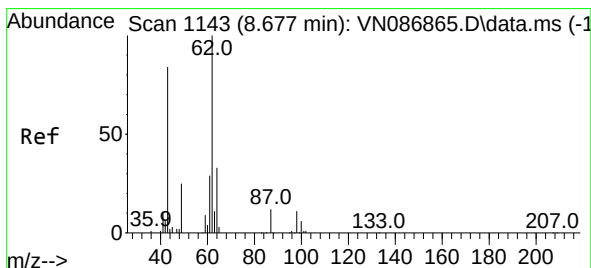
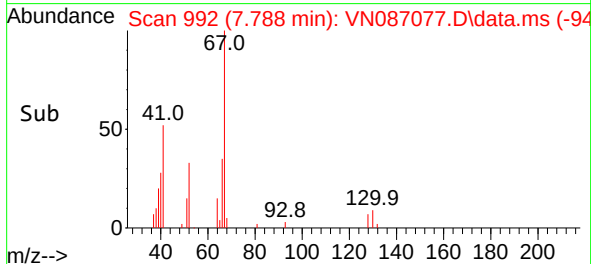
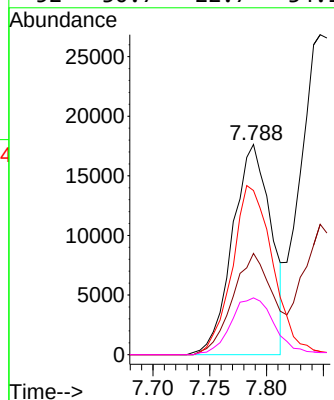
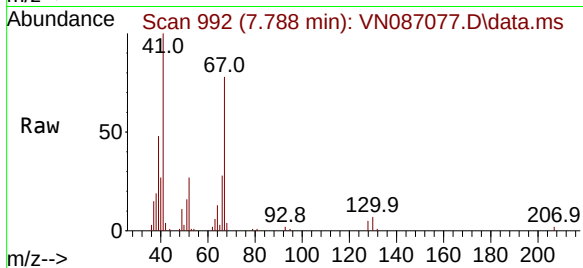




#41
Methacrylonitrile
Concen: 17.322 ug/l
RT: 7.788 min Scan# 992
Delta R.T. -0.000 min
Lab File: VN087077.D
Acq: 18 Jun 2025 12:07

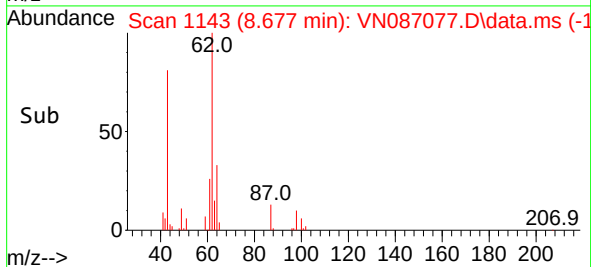
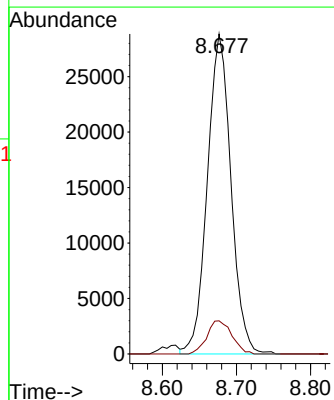
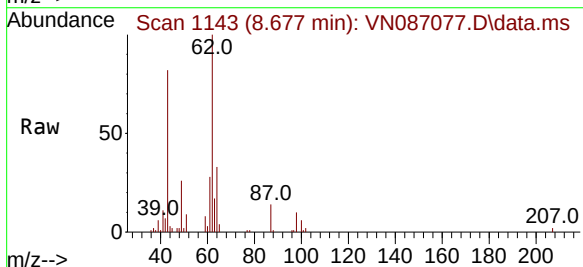
Instrument :
MSVOA_N
ClientSampleId :
VN0618WBS01

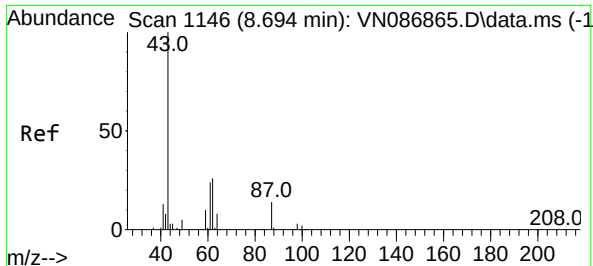
Tgt Ion:	41	Resp:	41526
Ion	Ratio	Lower	Upper
41	100		
39	51.4	41.2	61.8
67	85.3	61.4	92.2
52	30.7	22.7	34.1



#42
1,2-Dichloroethane
Concen: 19.212 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN087077.D
Acq: 18 Jun 2025 12:07

Tgt Ion:	62	Resp:	63897
Ion	Ratio	Lower	Upper
62	100		
98	10.9	0.0	21.2

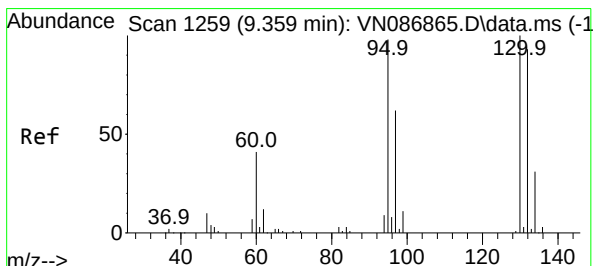
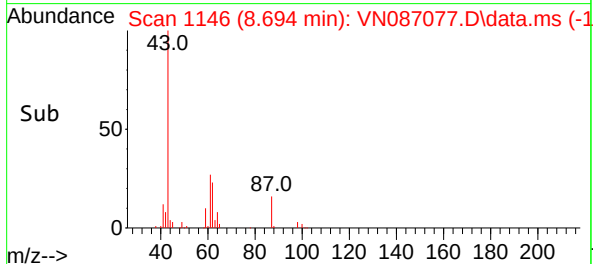
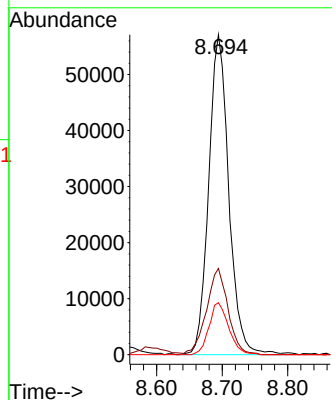
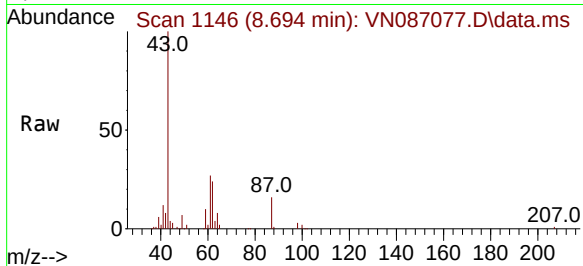




#43
Isopropyl Acetate
Concen: 17.757 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VN087077.D
Acq: 18 Jun 2025 12:07

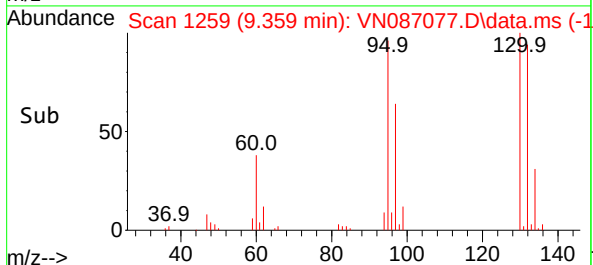
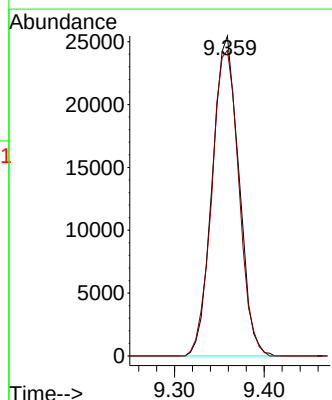
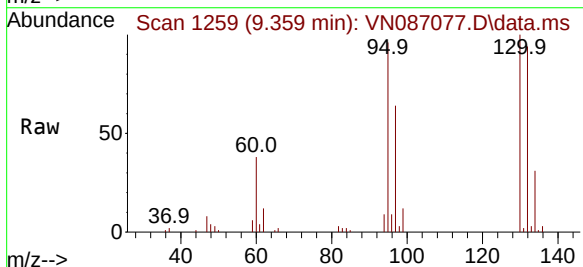
Instrument :
MSVOA_N
ClientSampleId :
VN0618WBS01

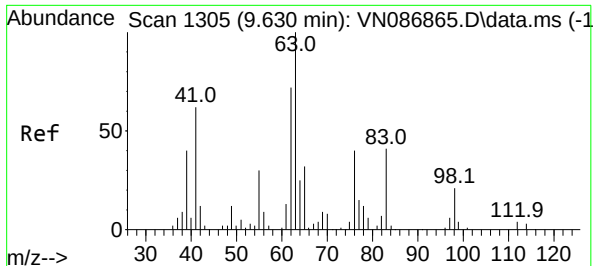
Tgt Ion: 43 Resp: 121654
Ion Ratio Lower Upper
43 100
61 29.0 22.1 33.1
87 15.9 11.8 17.6



#44
Trichloroethene
Concen: 20.074 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VN087077.D
Acq: 18 Jun 2025 12:07

Tgt Ion:130 Resp: 52194
Ion Ratio Lower Upper
130 100
95 95.5 0.0 196.2





#45

1,2-Dichloropropane

Concen: 19.622 ug/l

RT: 9.624 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN087077.D

Acq: 18 Jun 2025 12:07

Instrument :

MSVOA_N

ClientSampleId :

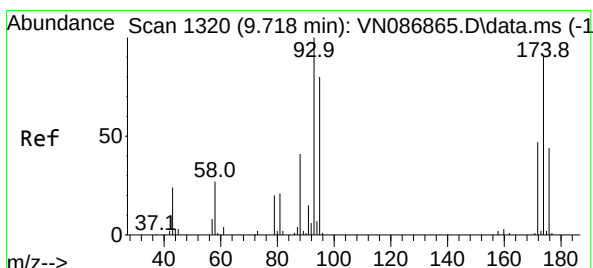
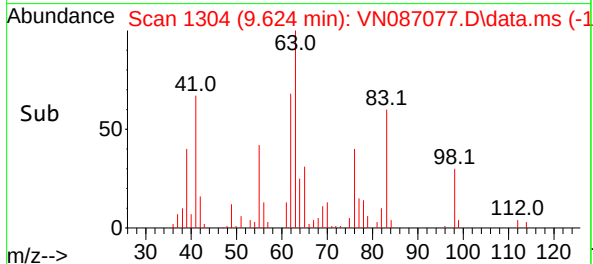
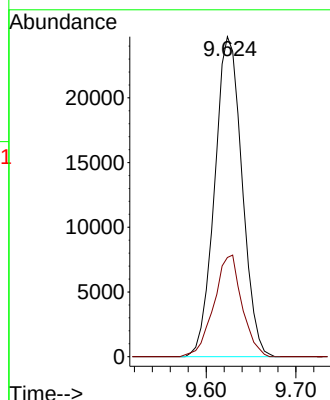
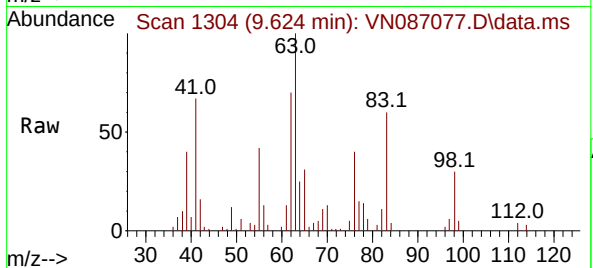
VN0618WBS01

Tgt Ion: 63 Resp: 52345

Ion Ratio Lower Upper

63 100

65 31.0 25.5 38.3



#46

Dibromomethane

Concen: 20.468 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.006 min

Lab File: VN087077.D

Acq: 18 Jun 2025 12:07

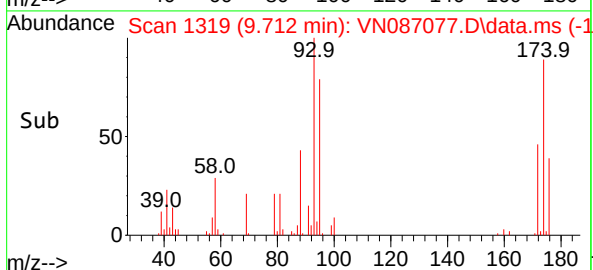
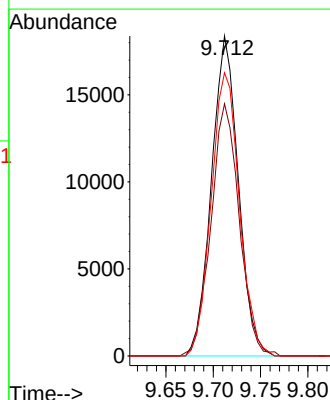
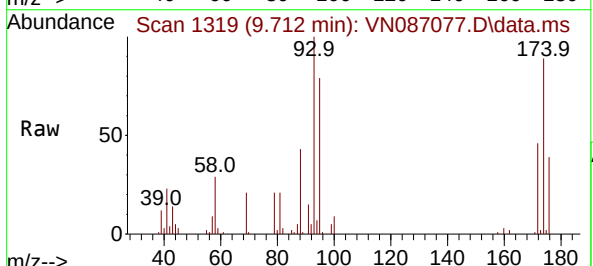
Tgt Ion: 93 Resp: 36267

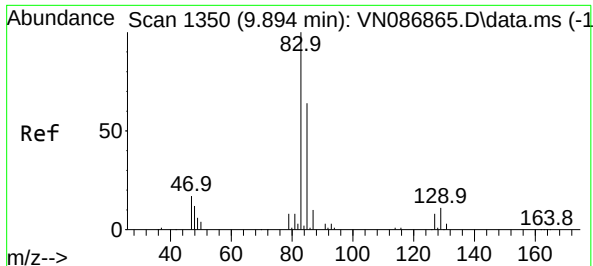
Ion Ratio Lower Upper

93 100

95 82.6 67.1 100.7

174 93.1 74.2 111.4





#47

Bromodichloromethane

Concen: 19.391 ug/l

RT: 9.888 min Scan# 1349

Delta R.T. -0.006 min

Lab File: VN087077.D

Acq: 18 Jun 2025 12:07

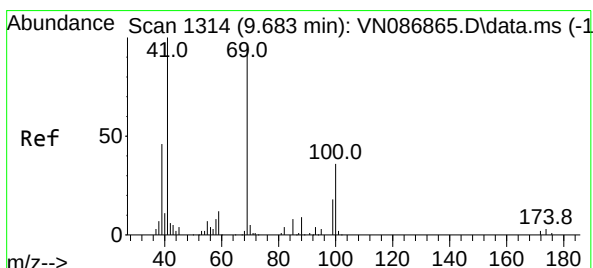
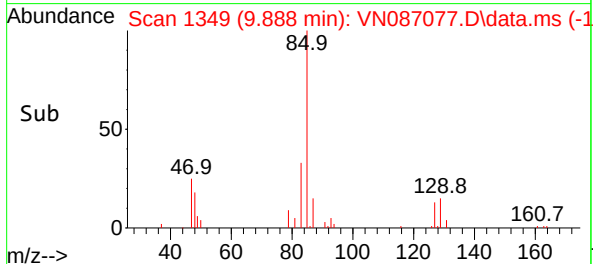
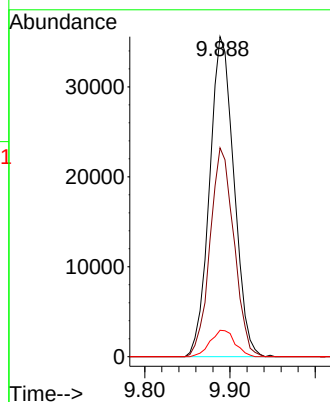
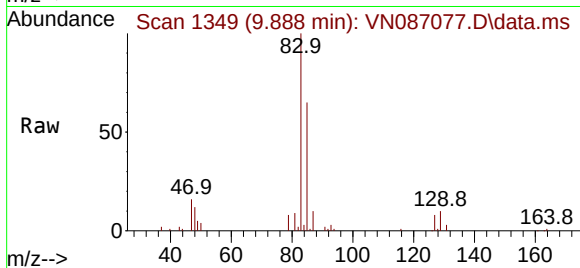
Instrument :

MSVOA_N

ClientSampleId :

VN0618WBS01

Tgt Ion:	83	Resp:	70694
Ion	Ratio	Lower	Upper
83	100		
85	65.2	50.9	76.3
127	8.3	6.6	10.0



#48

Methyl methacrylate

Concen: 17.208 ug/l

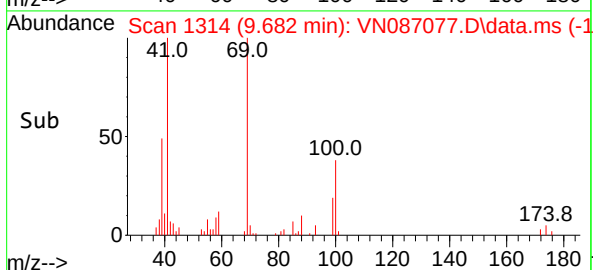
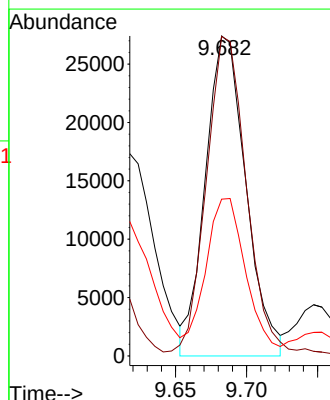
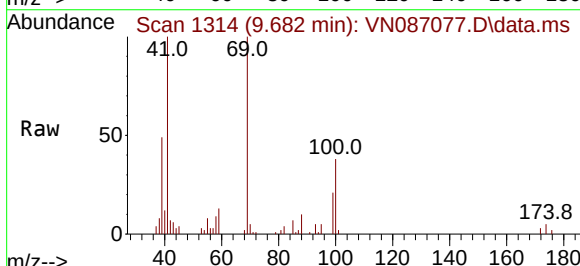
RT: 9.682 min Scan# 1314

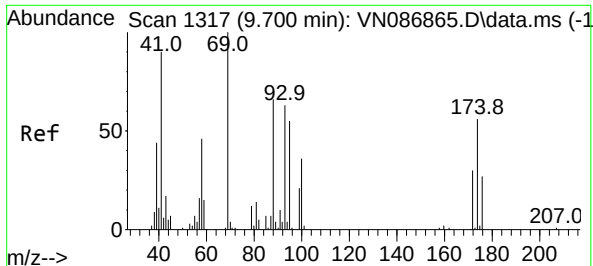
Delta R.T. -0.000 min

Lab File: VN087077.D

Acq: 18 Jun 2025 12:07

Tgt Ion:	41	Resp:	54263
Ion	Ratio	Lower	Upper
41	100		
69	100.5	74.6	112.0
39	49.8	40.2	60.4





#49

1,4-Dioxane

Concen: 383.882 ug/l

RT: 9.700 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN087077.D

Acq: 18 Jun 2025 12:07

Instrument :

MSVOA_N

ClientSampleId :

VN0618WBS01

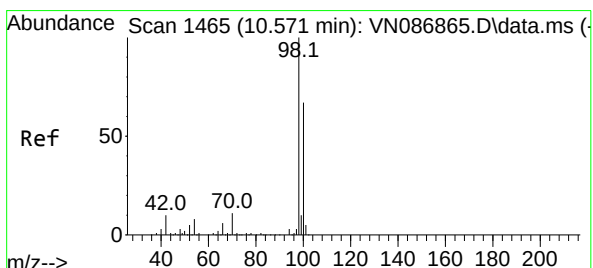
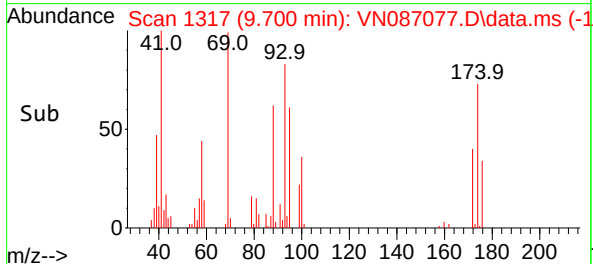
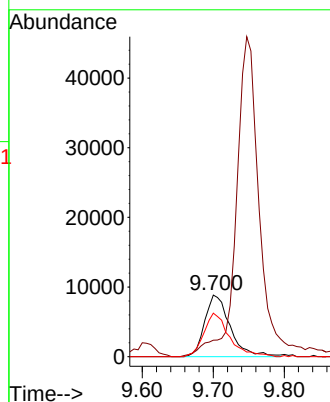
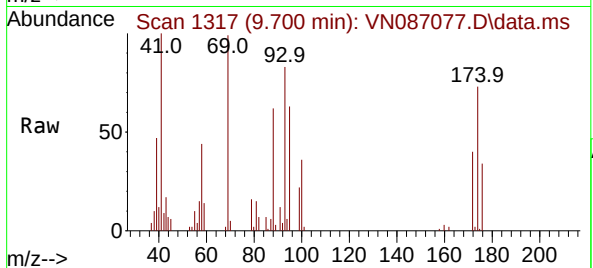
Tgt Ion: 88 Resp: 22022

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

58 70.8 57.7 86.5



#50

Toluene-d8

Concen: 49.796 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.006 min

Lab File: VN087077.D

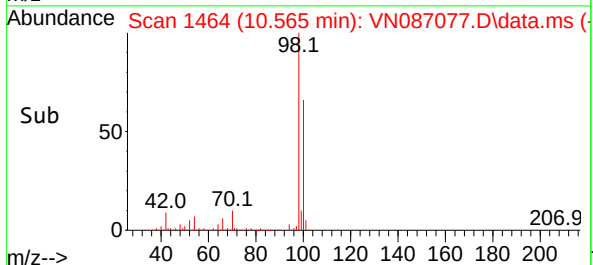
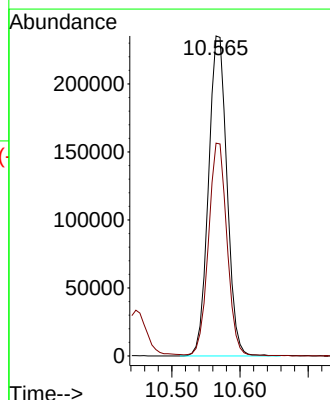
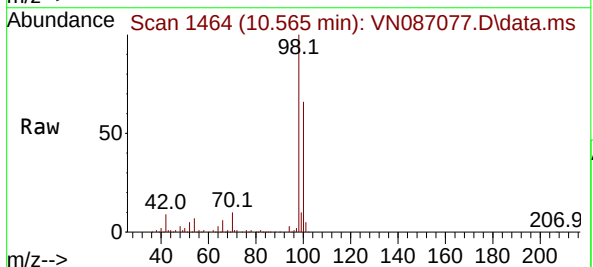
Acq: 18 Jun 2025 12:07

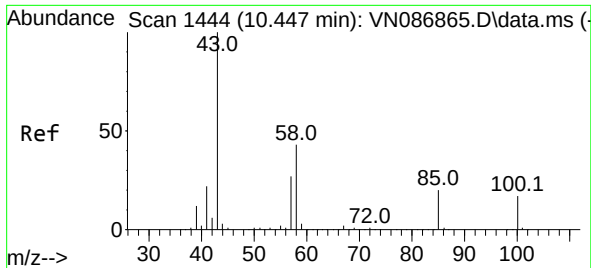
Tgt Ion: 98 Resp: 443603

Ion Ratio Lower Upper

98 100

100 66.6 53.4 80.0

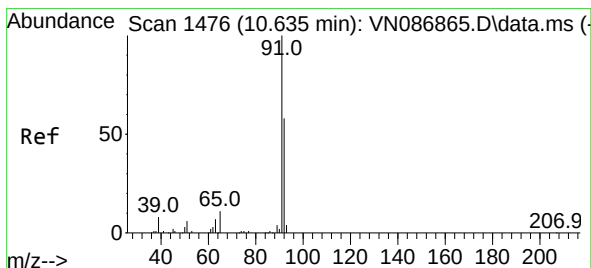
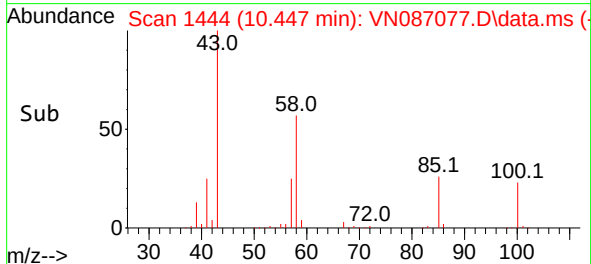
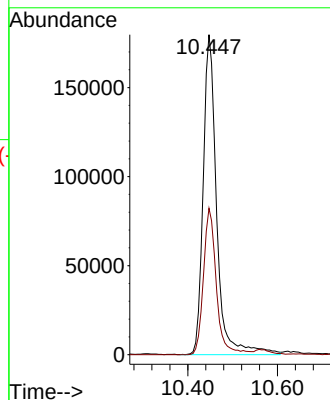
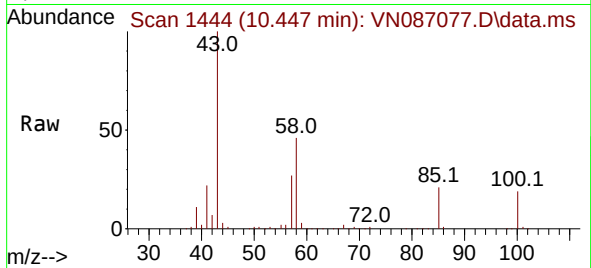




#51
4-Methyl-2-Pentanone
Concen: 90.991 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN087077.D
Acq: 18 Jun 2025 12:07

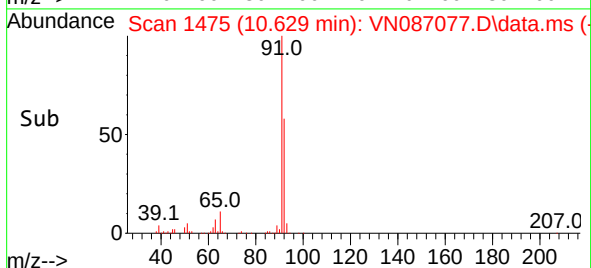
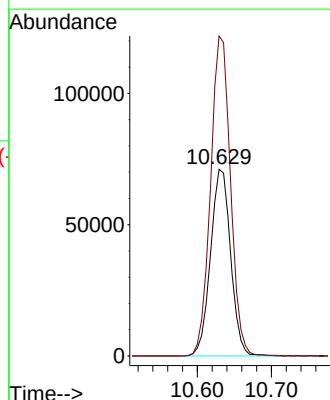
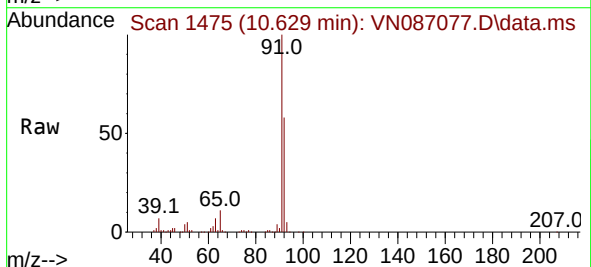
Instrument :
MSVOA_N
ClientSampleId :
VN0618WBS01

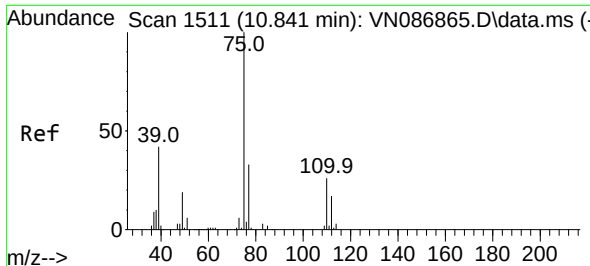
Tgt Ion: 43 Resp: 375290
Ion Ratio Lower Upper
43 100
58 43.8 34.2 51.4



#52
Toluene
Concen: 19.954 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VN087077.D
Acq: 18 Jun 2025 12:07

Tgt Ion: 92 Resp: 133714
Ion Ratio Lower Upper
92 100
91 170.2 136.5 204.7

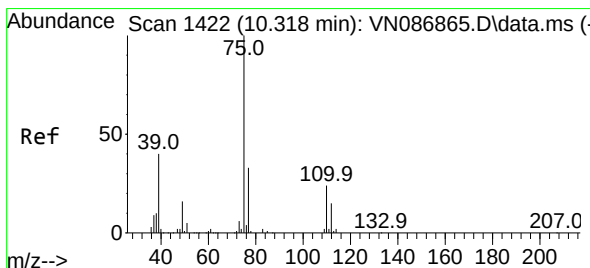
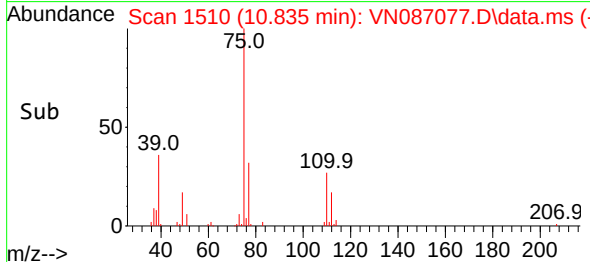
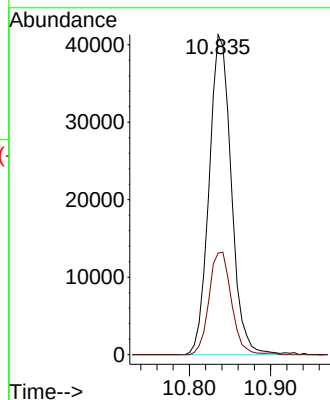
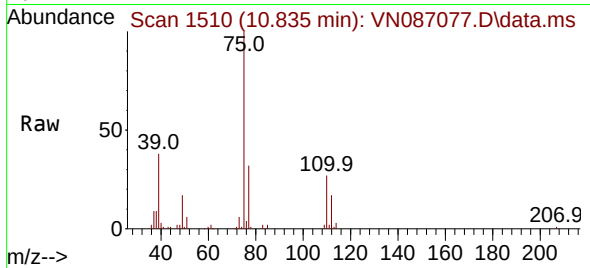




#53
t-1,3-Dichloropropene
Concen: 19.170 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. -0.006 min
Lab File: VN087077.D
Acq: 18 Jun 2025 12:07

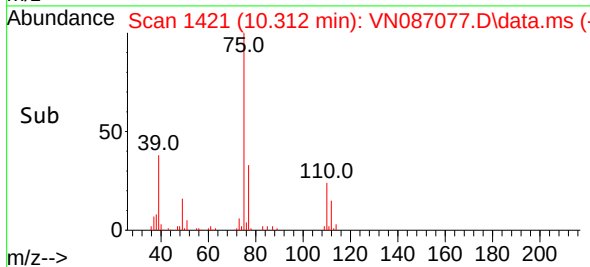
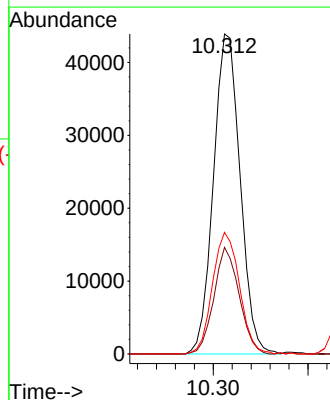
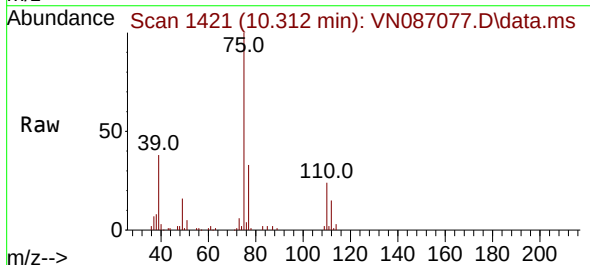
Instrument :
MSVOA_N
ClientSampleId :
VN0618WBS01

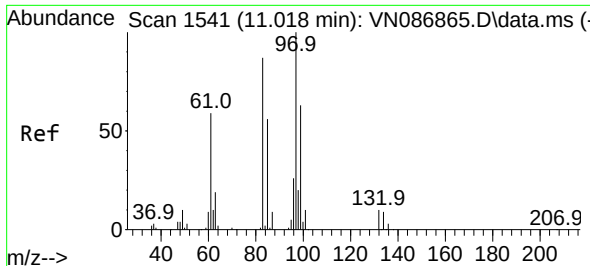
Tgt Ion: 75 Resp: 78148
Ion Ratio Lower Upper
75 100
77 31.7 26.4 39.6



#54
cis-1,3-Dichloropropene
Concen: 19.682 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. -0.006 min
Lab File: VN087077.D
Acq: 18 Jun 2025 12:07

Tgt Ion: 75 Resp: 85848
Ion Ratio Lower Upper
75 100
77 33.3 26.2 39.4
39 38.0 32.3 48.5

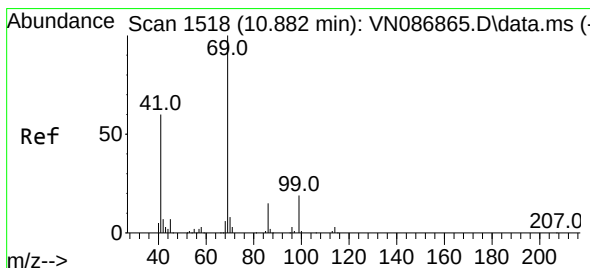
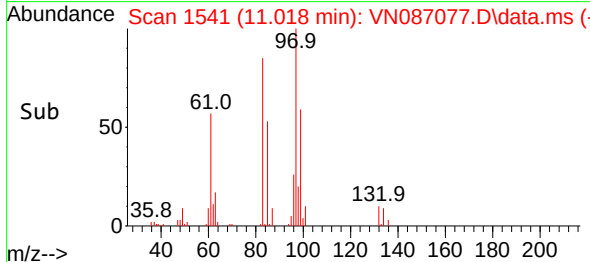
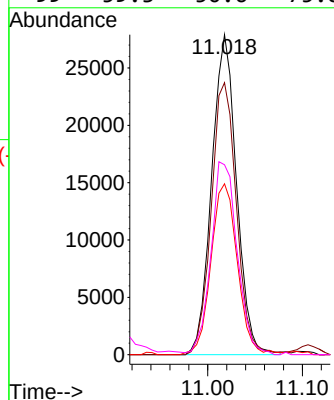
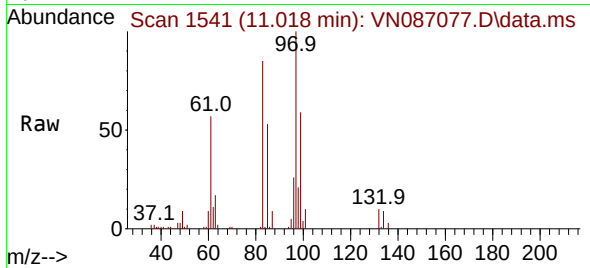




#55
1,1,2-Trichloroethane
Concen: 19.709 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. -0.000 min
Lab File: VN087077.D
Acq: 18 Jun 2025 12:07

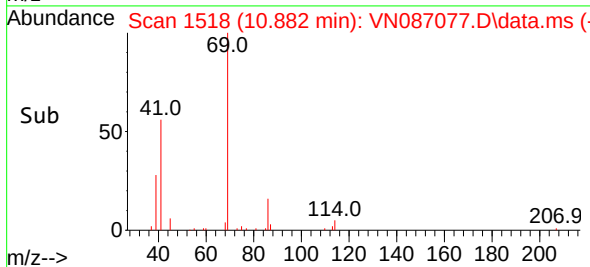
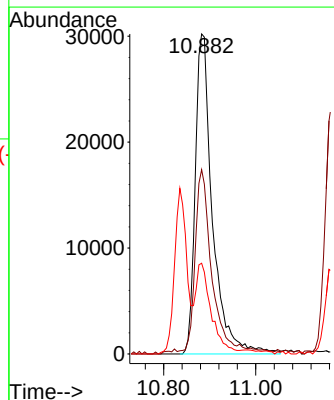
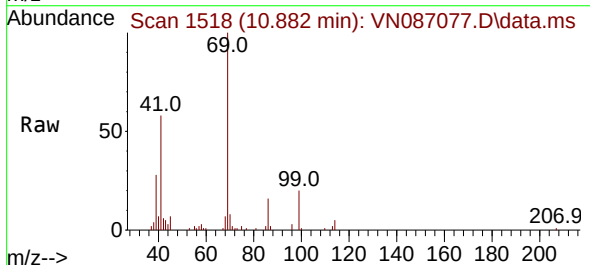
Instrument :
MSVOA_N
ClientSampleId :
VN0618WBS01

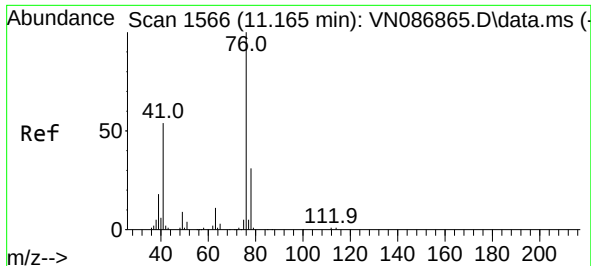
Tgt Ion:	97	Resp:	50818
Ion	Ratio	Lower	Upper
97	100		
83	85.0	69.7	104.5
85	53.4	45.1	67.7
99	59.3	50.6	75.8



#56
Ethyl methacrylate
Concen: 19.138 ug/l
RT: 10.882 min Scan# 1518
Delta R.T. -0.000 min
Lab File: VN087077.D
Acq: 18 Jun 2025 12:07

Tgt Ion:	69	Resp:	78597
Ion	Ratio	Lower	Upper
69	100		
41	53.5	47.2	70.8
39	22.9	23.0	34.6

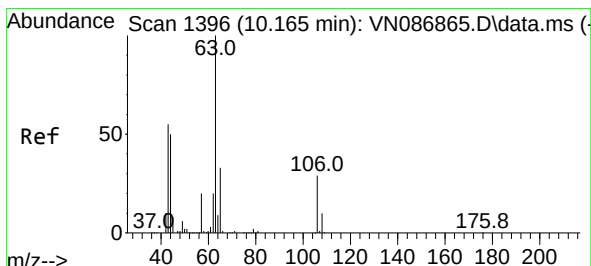
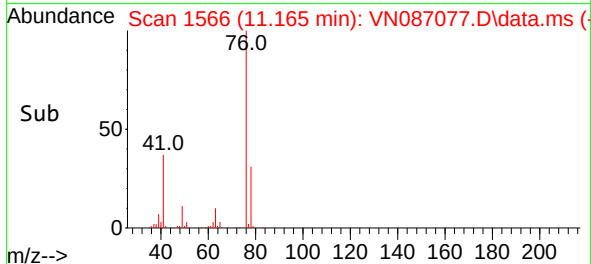
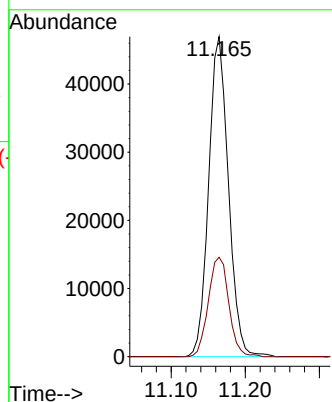
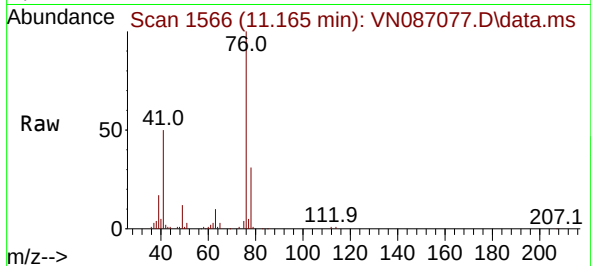




#57
1,3-Dichloropropane
Concen: 19.433 ug/l
RT: 11.165 min Scan# 111
Delta R.T. -0.000 min
Lab File: VN087077.D
Acq: 18 Jun 2025 12:07

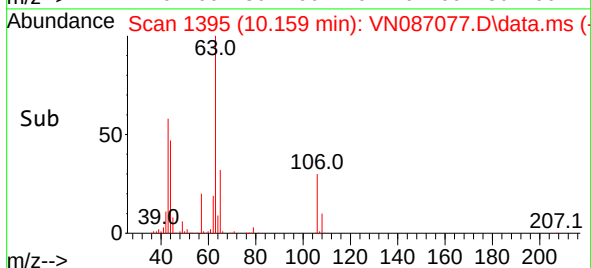
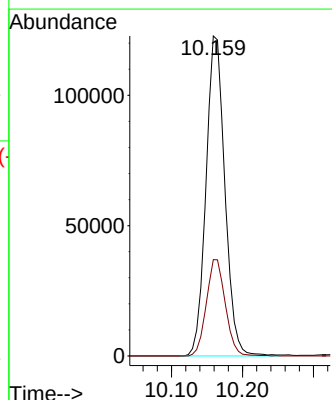
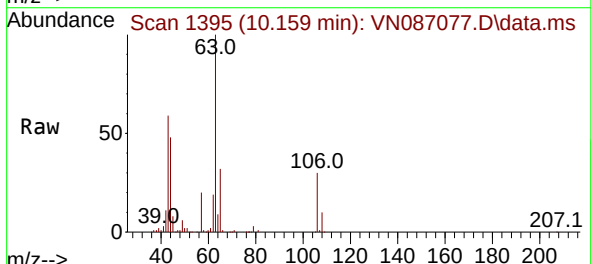
Instrument :
MSVOA_N
ClientSampleId :
VN0618WBS01

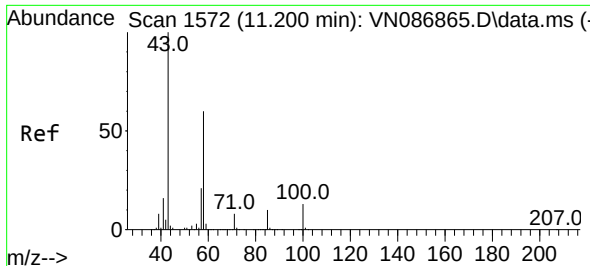
Tgt Ion: 76 Resp: 86921
Ion Ratio Lower Upper
76 100
78 32.2 25.3 37.9



#58
2-Chloroethyl Vinyl ether
Concen: 92.795 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.006 min
Lab File: VN087077.D
Acq: 18 Jun 2025 12:07

Tgt Ion: 63 Resp: 227303
Ion Ratio Lower Upper
63 100
106 30.3 23.0 34.6

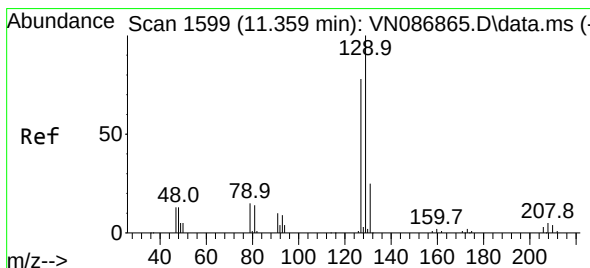
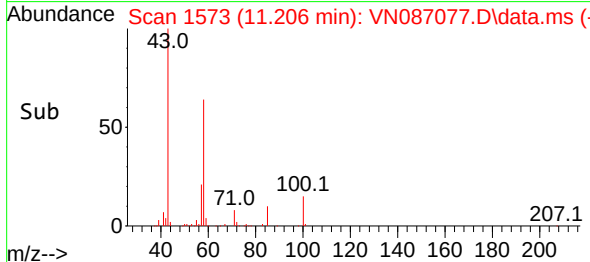
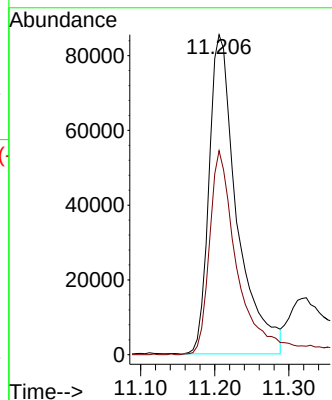
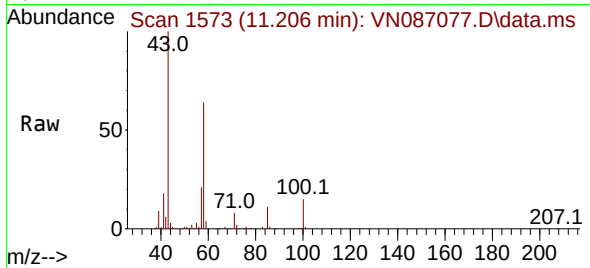




#59
2-Hexanone
Concen: 83.880 ug/l
RT: 11.206 min Scan# 1572
Delta R.T. 0.006 min
Lab File: VN087077.D
Acq: 18 Jun 2025 12:07

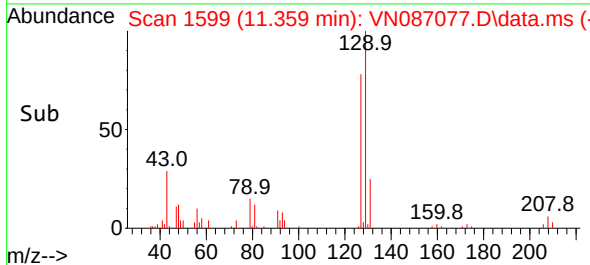
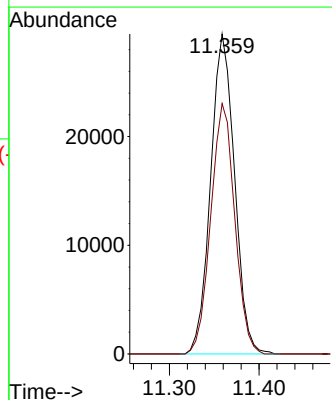
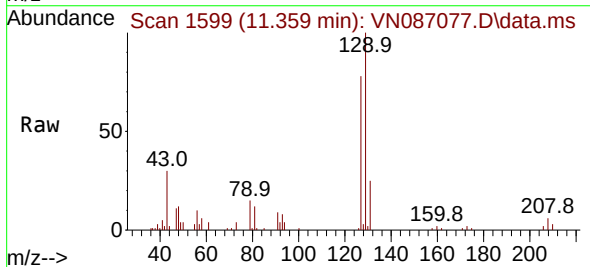
Instrument :
MSVOA_N
ClientSampleId :
VN0618WBS01

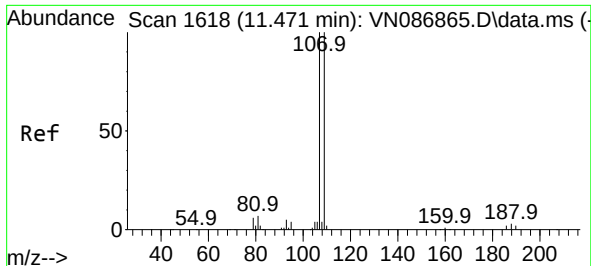
Tgt Ion: 43 Resp: 222844
Ion Ratio Lower Upper
43 100
58 67.7 30.4 91.3



#60
Dibromochloromethane
Concen: 20.267 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN087077.D
Acq: 18 Jun 2025 12:07

Tgt Ion:129 Resp: 54446
Ion Ratio Lower Upper
129 100
127 78.4 38.6 115.8

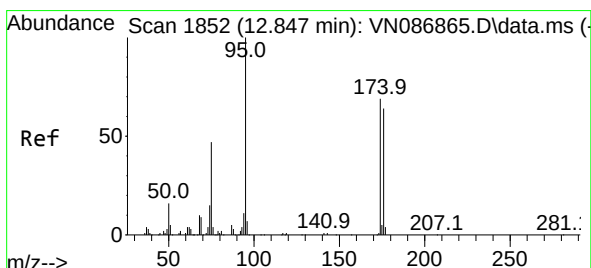
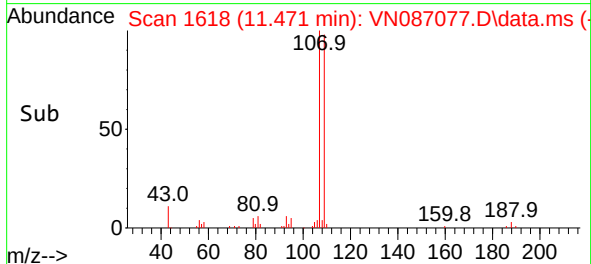
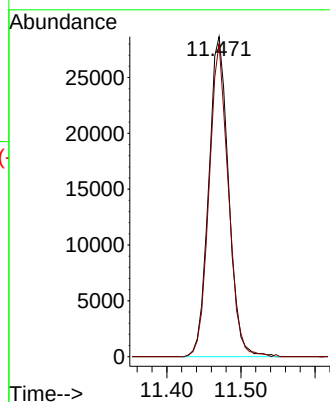
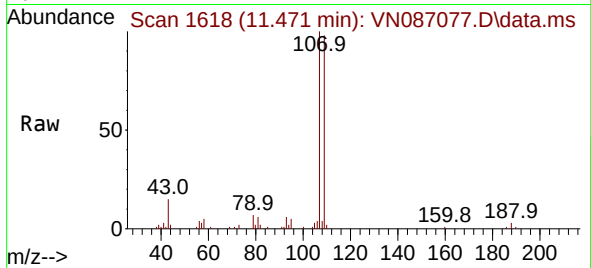




#61
1,2-Dibromoethane
Concen: 20.177 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VN087077.D
Acq: 18 Jun 2025 12:07

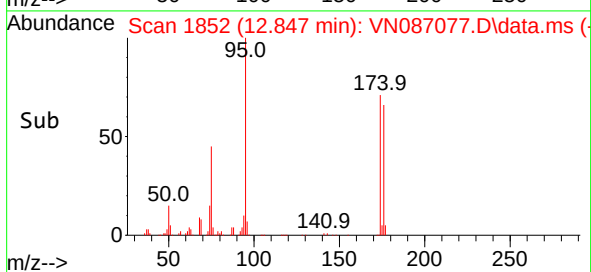
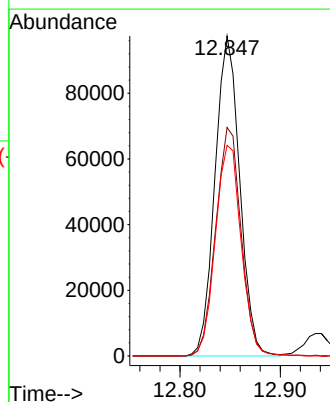
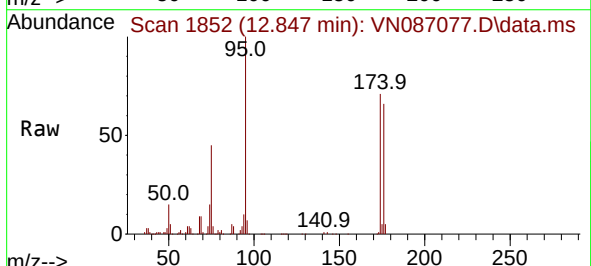
Instrument :
MSVOA_N
ClientSampleId :
VN0618WBS01

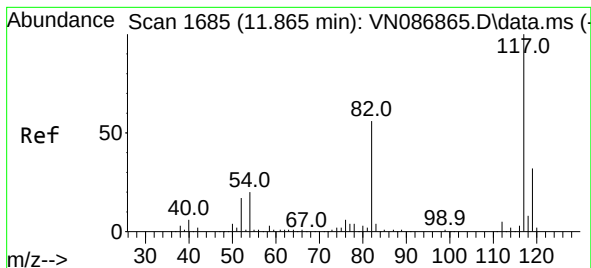
Tgt Ion:107 Resp: 53326
Ion Ratio Lower Upper
107 100
109 94.9 76.3 114.5



#62
4-Bromofluorobenzene
Concen: 50.428 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN087077.D
Acq: 18 Jun 2025 12:07

Tgt Ion: 95 Resp: 166905
Ion Ratio Lower Upper
95 100
174 73.2 0.0 141.8
176 68.8 0.0 132.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN087077.D

Acq: 18 Jun 2025 12:07

Instrument :

MSVOA_N

ClientSampleId :

VN0618WBS01

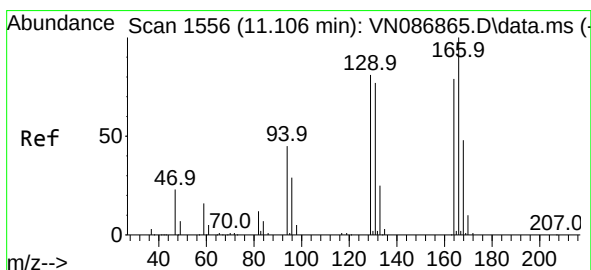
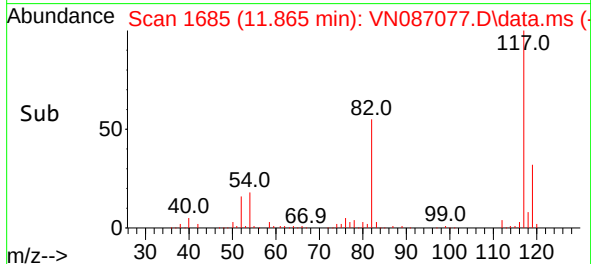
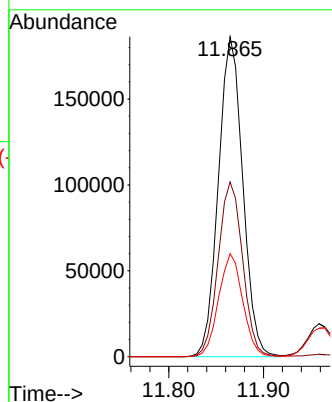
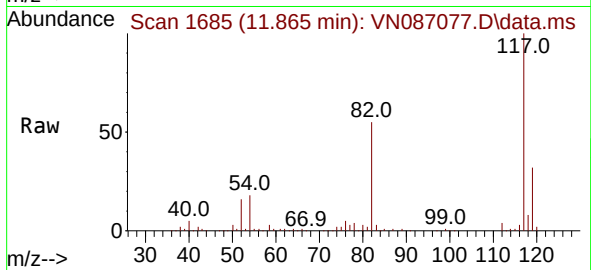
Tgt Ion:117 Resp: 333122

Ion Ratio Lower Upper

117 100

82 54.6 44.6 67.0

119 32.2 25.5 38.3



#64

Tetrachloroethene

Concen: 19.753 ug/l

RT: 11.106 min Scan# 1556

Delta R.T. -0.000 min

Lab File: VN087077.D

Acq: 18 Jun 2025 12:07

Tgt Ion:164 Resp: 41643

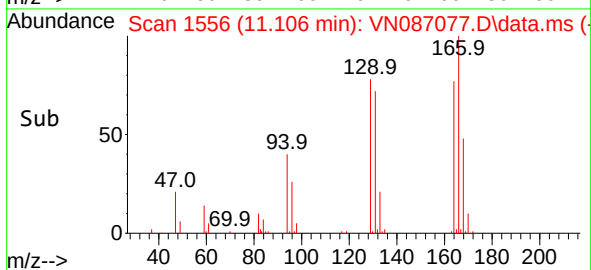
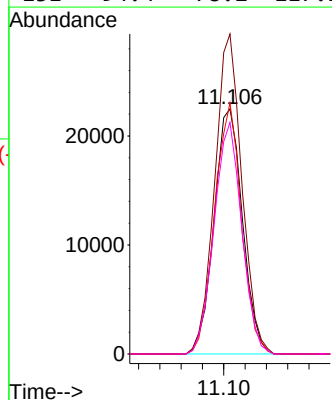
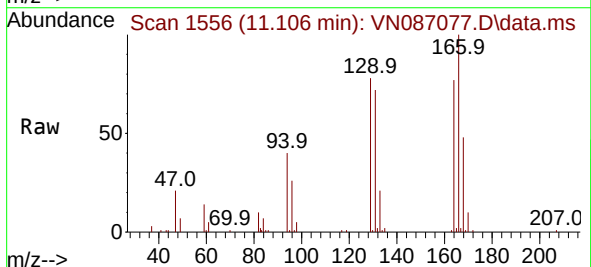
Ion Ratio Lower Upper

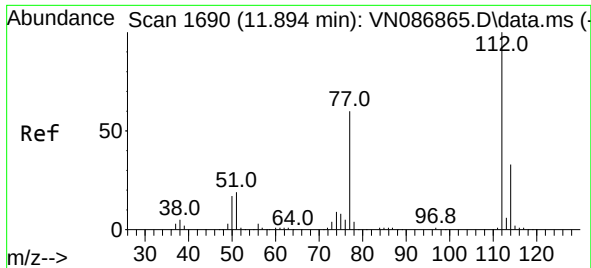
164 100

166 130.5 101.8 152.8

129 102.4 83.0 124.4

131 94.4 78.2 117.2

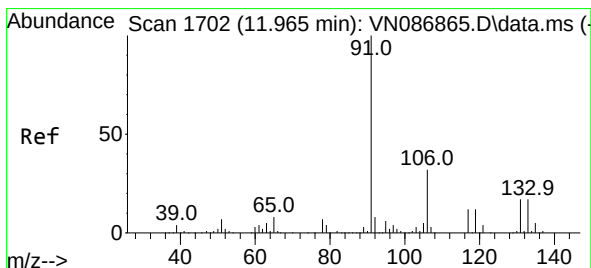
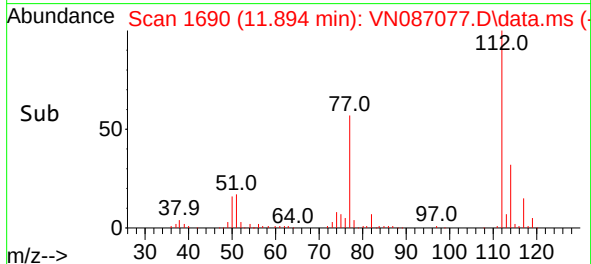
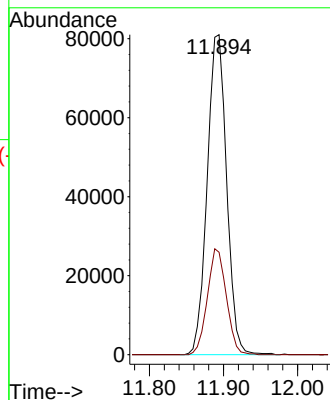
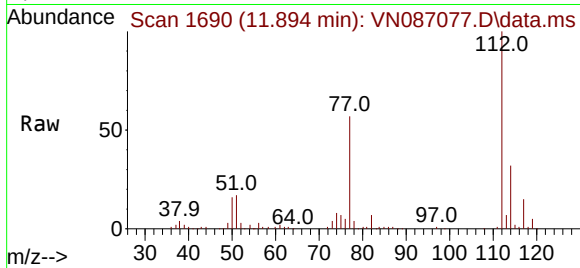




#65
Chlorobenzene
Concen: 20.133 ug/l
RT: 11.894 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN087077.D
Acq: 18 Jun 2025 12:07

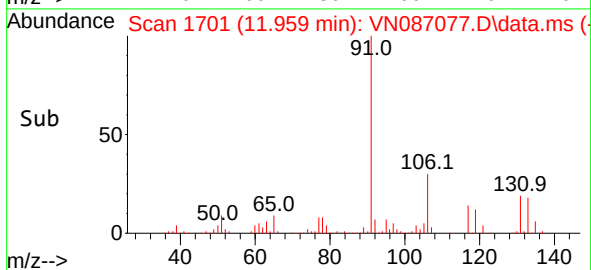
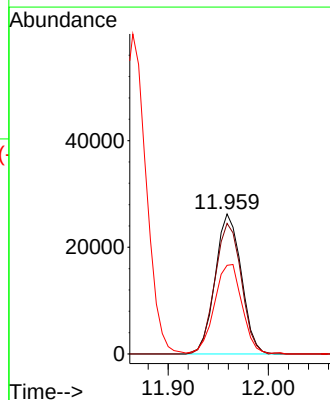
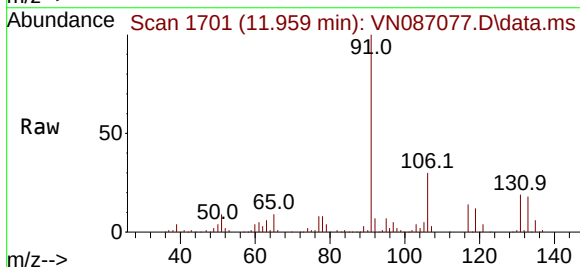
Instrument :
MSVOA_N
ClientSampleId :
VN0618WBS01

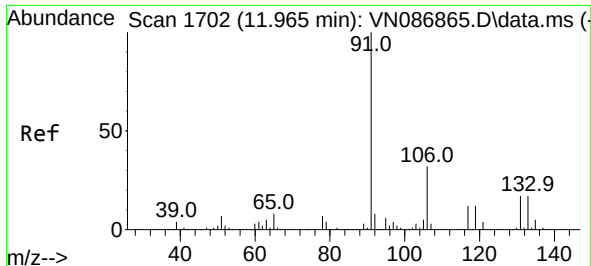
Tgt Ion:112 Resp: 147922
Ion Ratio Lower Upper
112 100
114 32.0 26.2 39.2



#66
1,1,1,2-Tetrachloroethane
Concen: 20.142 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.006 min
Lab File: VN087077.D
Acq: 18 Jun 2025 12:07

Tgt Ion:131 Resp: 47569
Ion Ratio Lower Upper
131 100
133 94.8 48.3 144.8
119 67.8 34.0 101.8

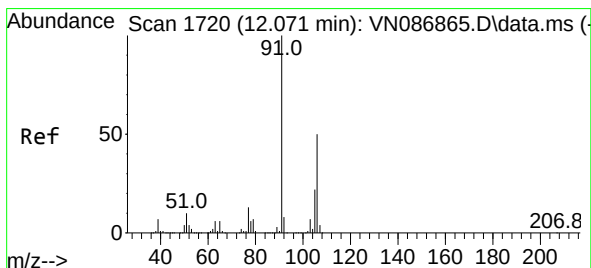
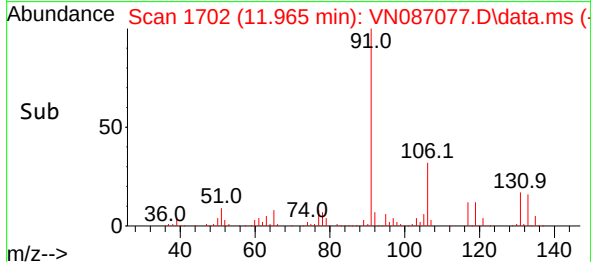
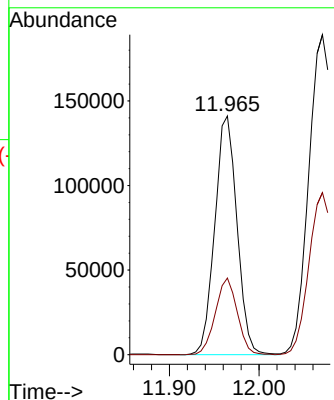
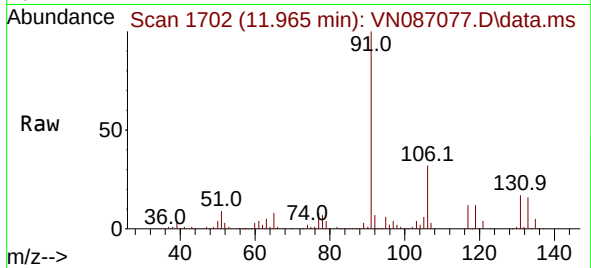




#67
Ethyl Benzene
Concen: 19.171 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN087077.D
Acq: 18 Jun 2025 12:07

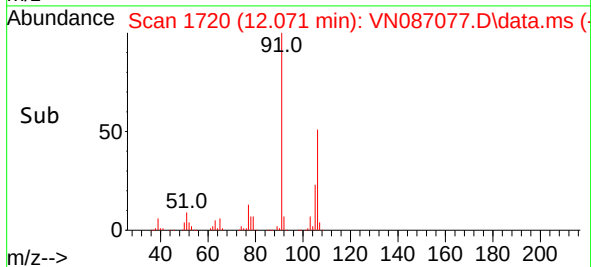
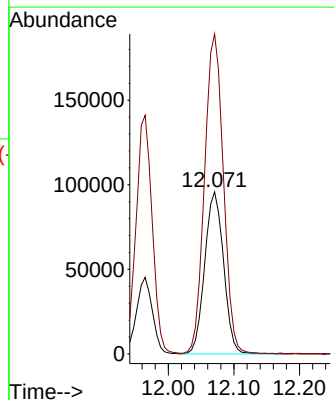
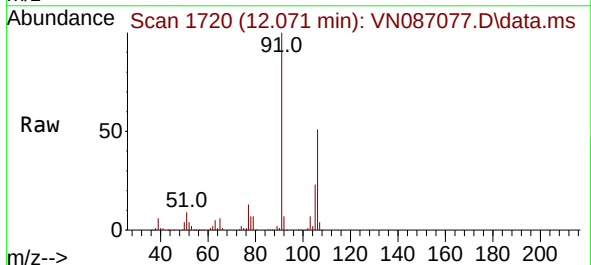
Instrument :
MSVOA_N
ClientSampleId :
VN0618WBS01

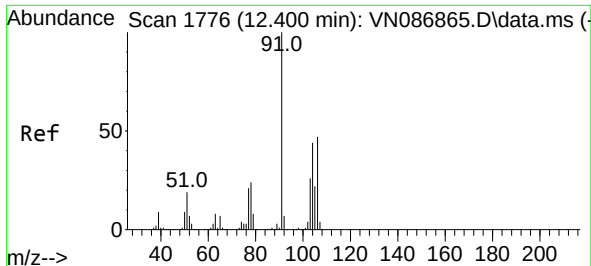
Tgt Ion: 91 Resp: 242612
Ion Ratio Lower Upper
91 100
106 32.1 25.4 38.2



#68
m/p-Xylenes
Concen: 39.672 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN087077.D
Acq: 18 Jun 2025 12:07

Tgt Ion:106 Resp: 192188
Ion Ratio Lower Upper
106 100
91 197.0 159.4 239.0

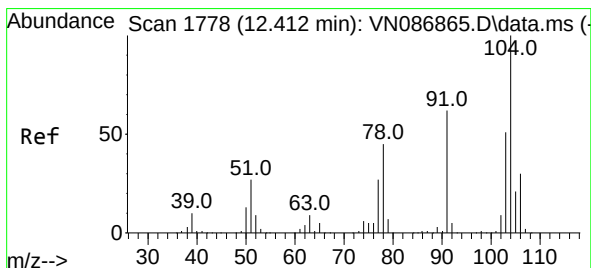
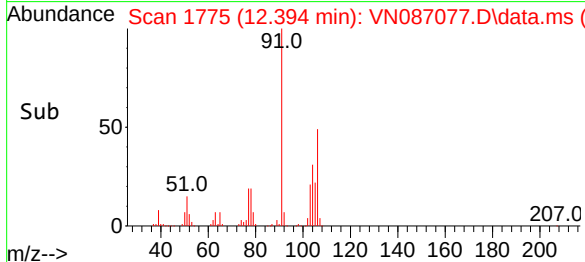
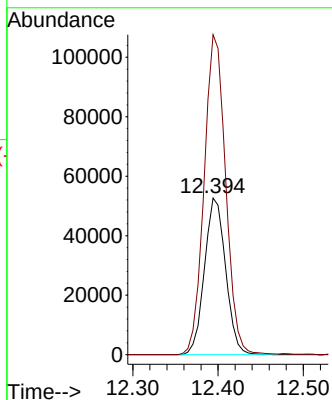
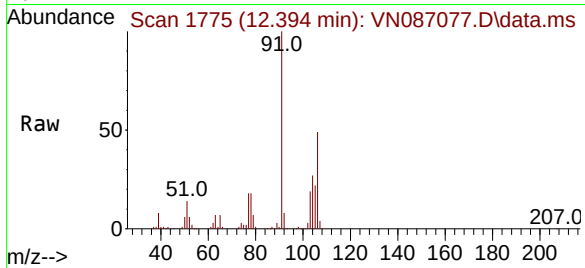




#69
o-Xylene
Concen: 19.562 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.006 min
Lab File: VN087077.D
Acq: 18 Jun 2025 12:07

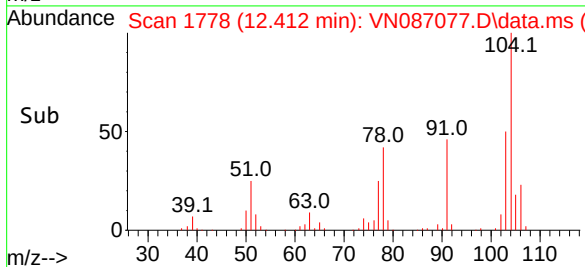
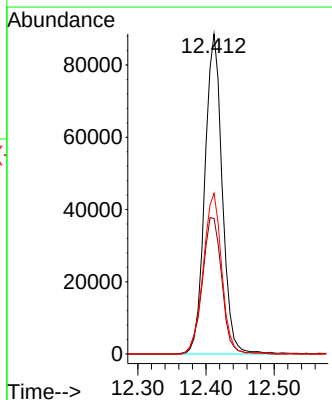
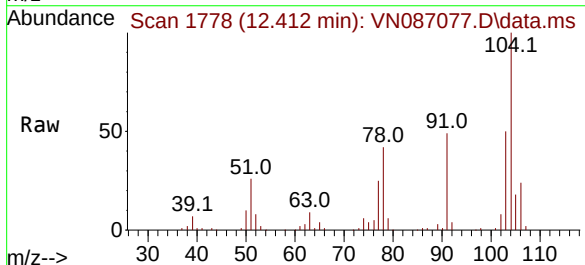
Instrument :
MSVOA_N
ClientSampleId :
VN0618WBS01

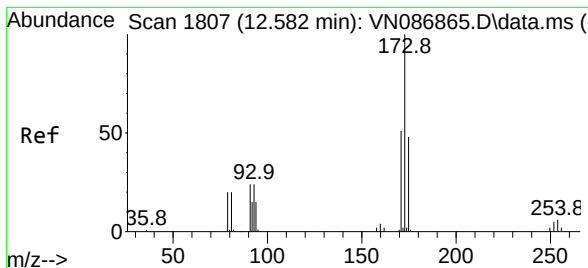
Tgt Ion:106 Resp: 90763
Ion Ratio Lower Upper
106 100
91 208.4 106.1 318.1



#70
Styrene
Concen: 19.754 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN087077.D
Acq: 18 Jun 2025 12:07

Tgt Ion:104 Resp: 156838
Ion Ratio Lower Upper
104 100
78 47.7 38.5 57.7
103 53.7 43.1 64.7





#71

Bromoform

Concen: 20.995 ug/l

RT: 12.576 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN087077.D

Acq: 18 Jun 2025 12:07

Instrument :

MSVOA_N

ClientSampleId :

VN0618WBS01

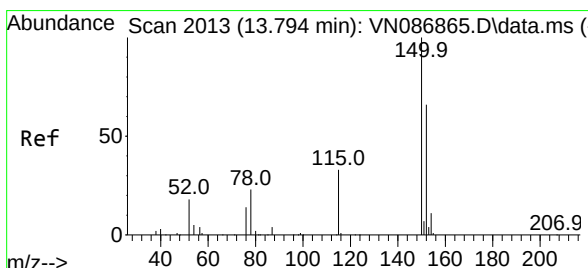
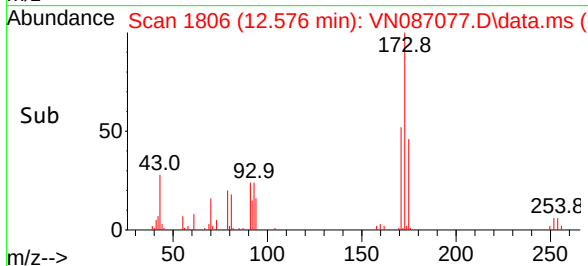
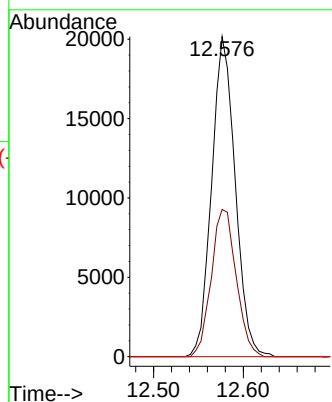
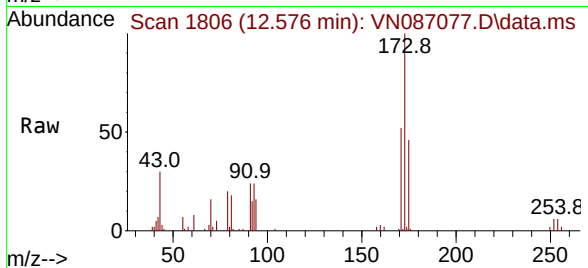
Tgt Ion:173 Resp: 36740

Ion Ratio Lower Upper

173 100

175 48.8 24.1 72.4

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. -0.006 min

Lab File: VN087077.D

Acq: 18 Jun 2025 12:07

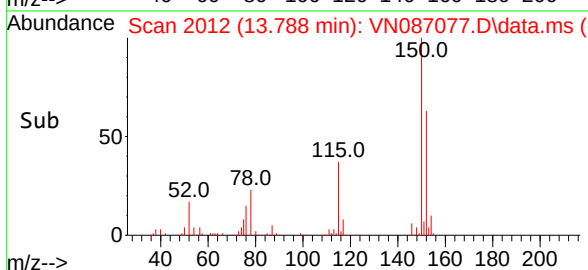
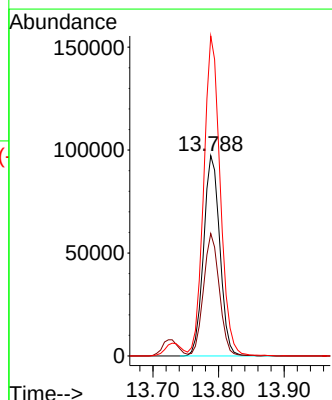
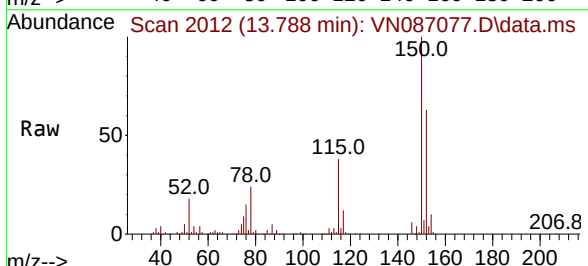
Tgt Ion:152 Resp: 167760

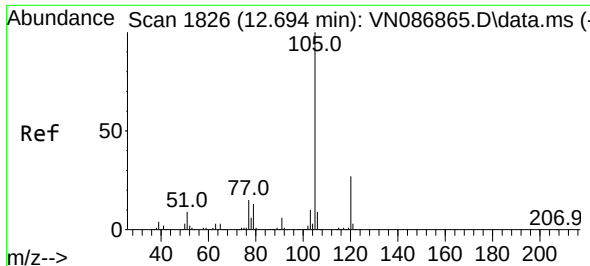
Ion Ratio Lower Upper

152 100

115 59.8 30.1 90.5

150 162.6 0.0 345.0

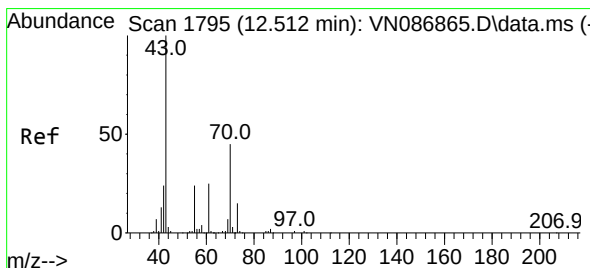
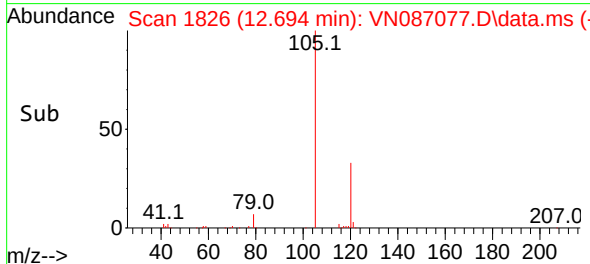
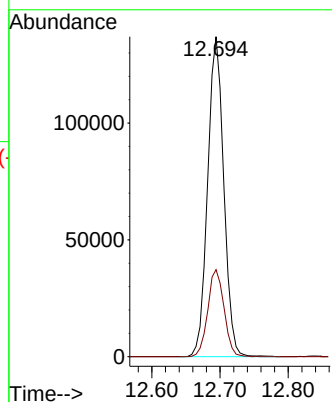
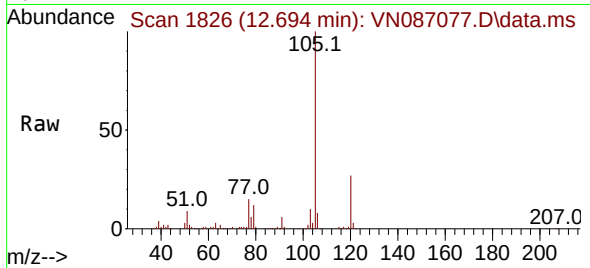




#73
Isopropylbenzene
Concen: 18.418 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN087077.D
Acq: 18 Jun 2025 12:07

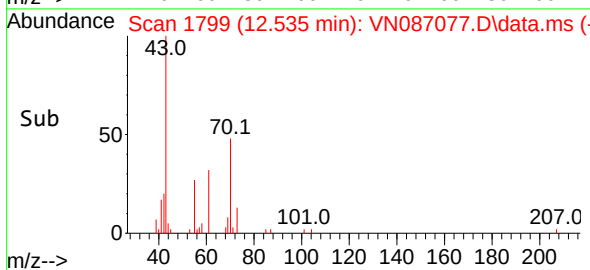
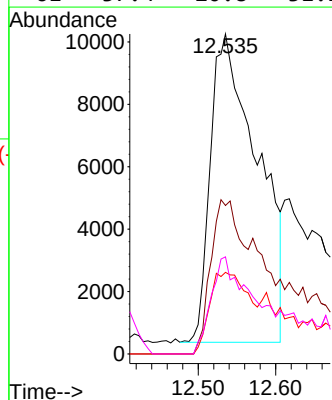
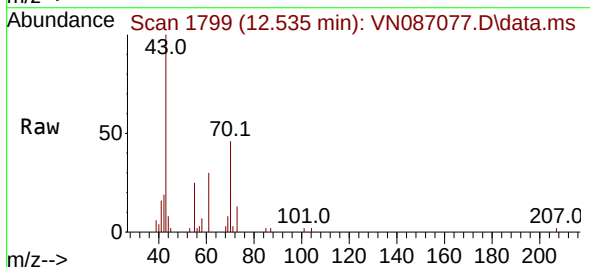
Instrument :
MSVOA_N
ClientSampleId :
VN0618WBS01

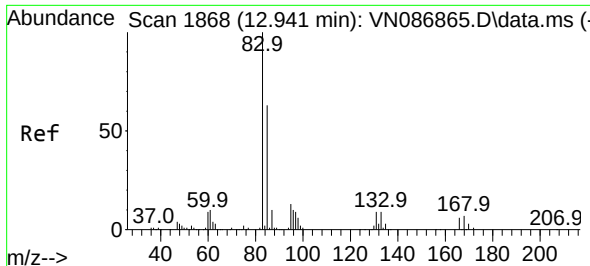
Tgt Ion:105 Resp: 225091
Ion Ratio Lower Upper
105 100
120 27.4 13.5 40.4



#74
N-ethyl acetate
Concen: 9.772 ug/l
RT: 12.535 min Scan# 1799
Delta R.T. 0.023 min
Lab File: VN087077.D
Acq: 18 Jun 2025 12:07

Tgt Ion: 43 Resp: 41734
Ion Ratio Lower Upper
43 100
70 33.9 37.6 56.4#
55 22.0 19.0 28.6
61 37.4 20.8 31.2#

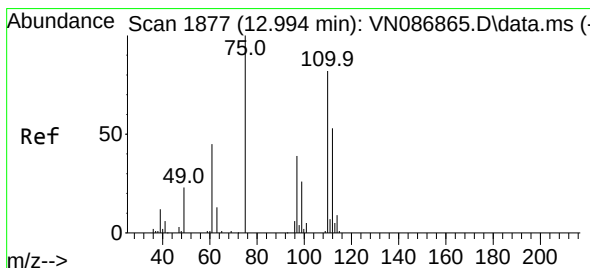
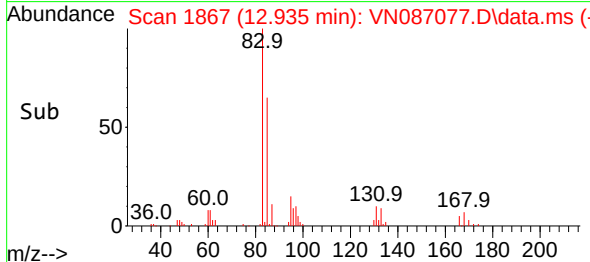
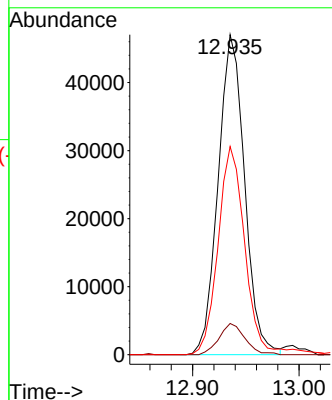
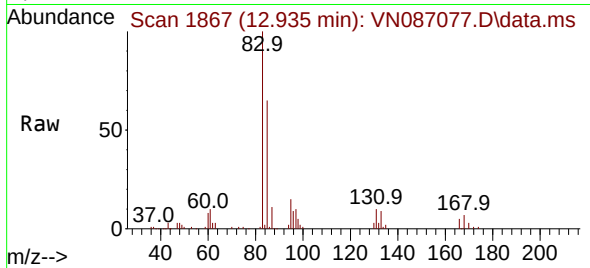




#75
1,1,2-Tetrachloroethane
Concen: 19.609 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VN087077.D
Acq: 18 Jun 2025 12:07

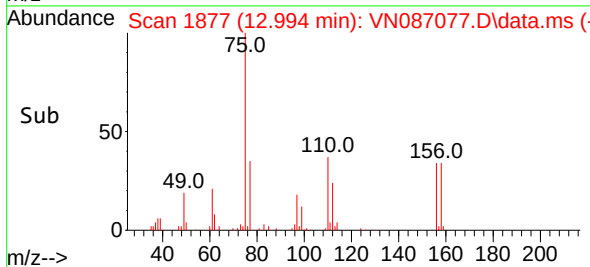
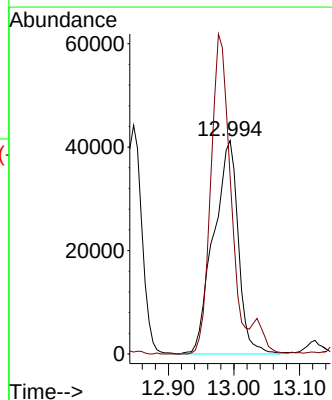
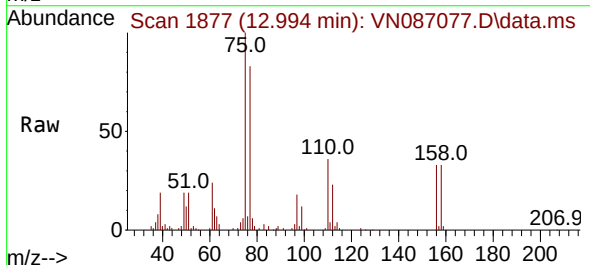
Instrument :
MSVOA_N
ClientSampleId :
VN0618WBS01

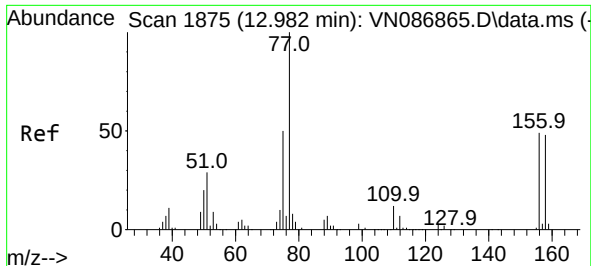
Tgt Ion: 83 Resp: 81187
Ion Ratio Lower Upper
83 100
131 9.6 4.9 14.7
85 66.4 32.0 96.0



#76
1,2,3-Trichloropropane
Concen: 27.033 ug/l
RT: 12.994 min Scan# 1877
Delta R.T. -0.000 min
Lab File: VN087077.D
Acq: 18 Jun 2025 12:07

Tgt Ion: 75 Resp: 107798
Ion Ratio Lower Upper
75 100
77 119.7 79.3 237.9

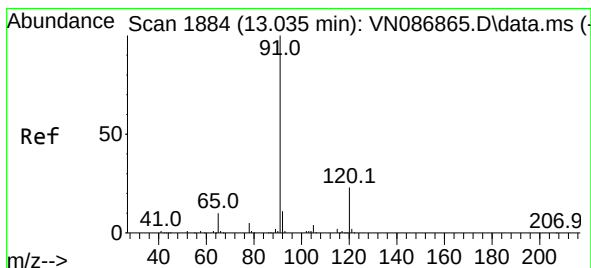
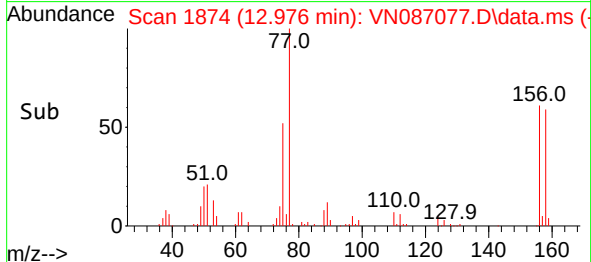
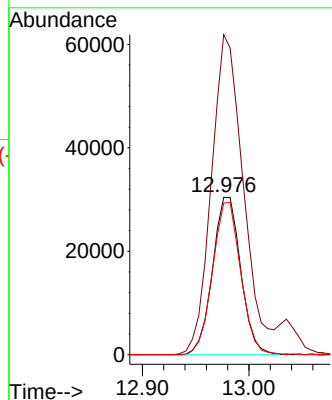
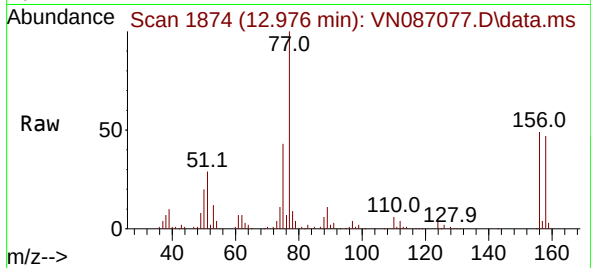




#77
Bromobenzene
Concen: 19.872 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. -0.006 min
Lab File: VN087077.D
Acq: 18 Jun 2025 12:07

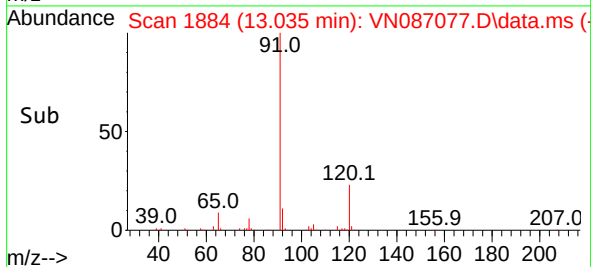
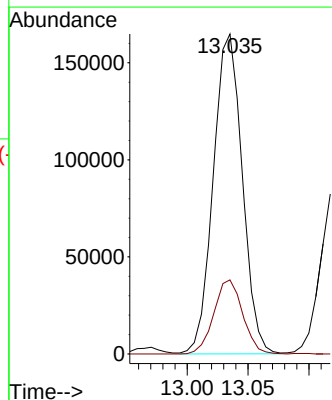
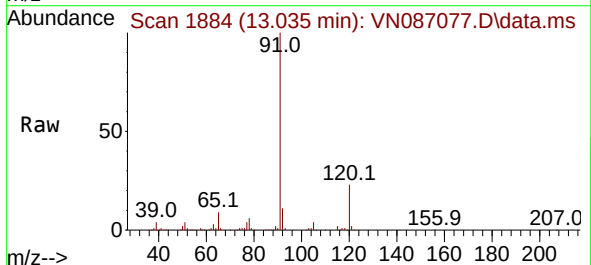
Instrument :
MSVOA_N
ClientSampleId :
VN0618WBS01

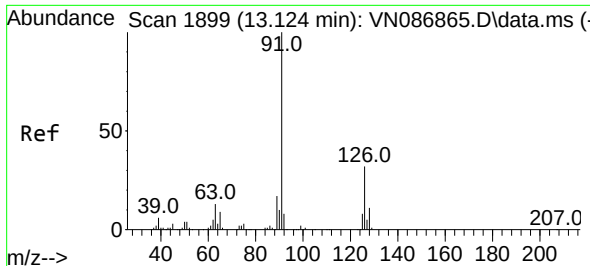
Tgt Ion:156 Resp: 55698
Ion Ratio Lower Upper
156 100
77 231.6 117.7 353.1
158 97.3 48.1 144.4



#78
n-propylbenzene
Concen: 18.390 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VN087077.D
Acq: 18 Jun 2025 12:07

Tgt Ion: 91 Resp: 273130
Ion Ratio Lower Upper
91 100
120 23.0 11.4 34.2

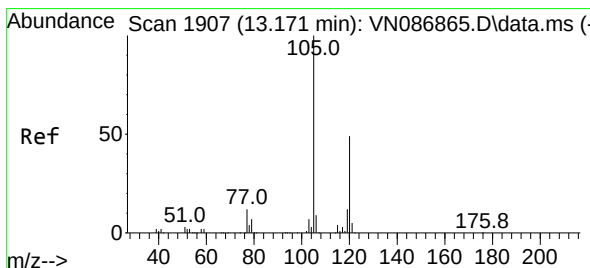
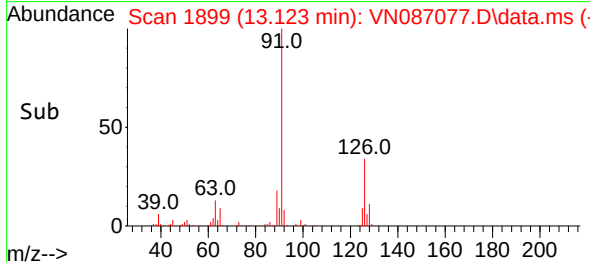
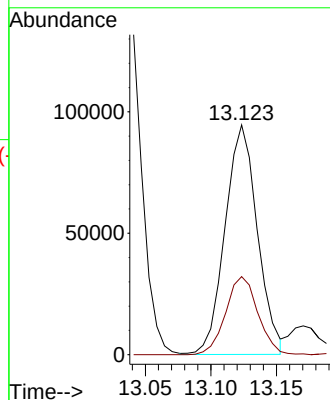
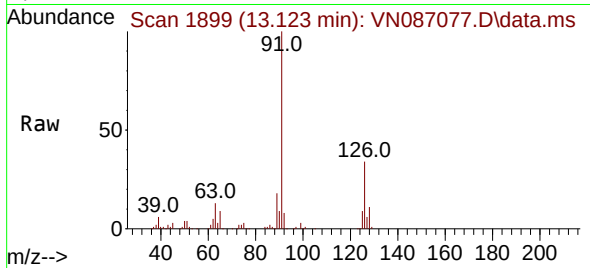




#79
2-Chlorotoluene
Concen: 18.218 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN087077.D
Acq: 18 Jun 2025 12:07

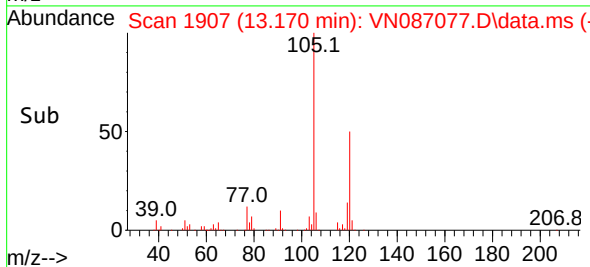
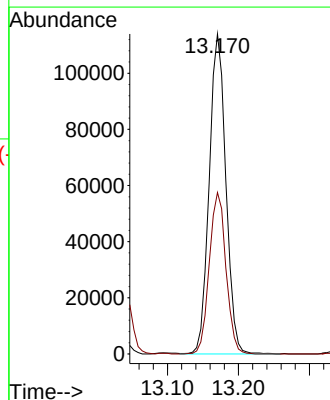
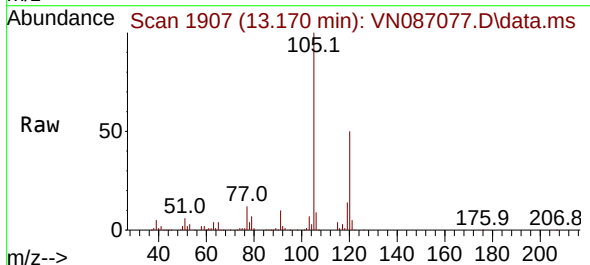
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ClientSampleId :
VN0618WBS01

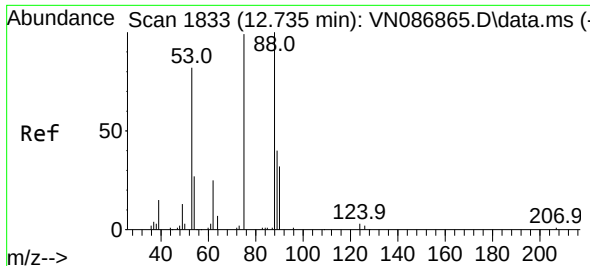
Tgt Ion: 91 Resp: 162268
Ion Ratio Lower Upper
91 100
126 33.9 16.2 48.5



#80
1,3,5-Trimethylbenzene
Concen: 18.421 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN087077.D
Acq: 18 Jun 2025 12:07

Tgt Ion:105 Resp: 185876
Ion Ratio Lower Upper
105 100
120 50.4 24.9 74.6

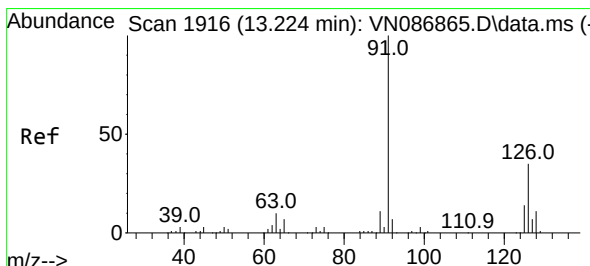
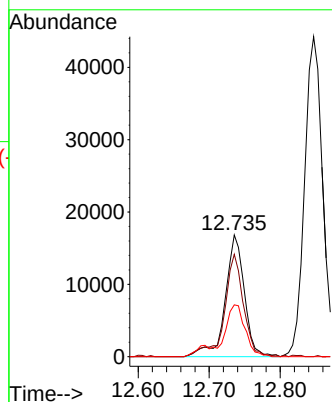
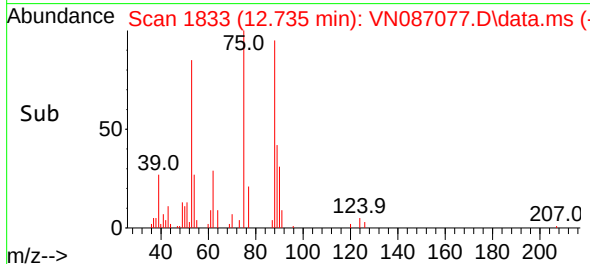
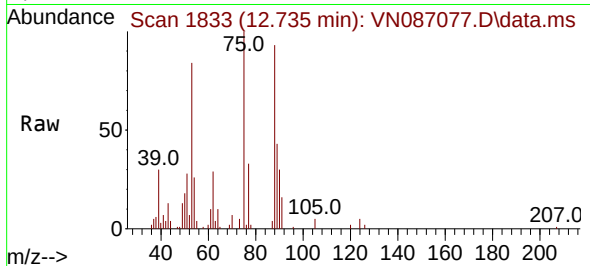




#81
 trans-1,4-Dichloro-2-butene
 Concen: 18.171 ug/l
 RT: 12.735 min Scan# 1833
 Delta R.T. -0.000 min
 Lab File: VN087077.D
 Acq: 18 Jun 2025 12:07

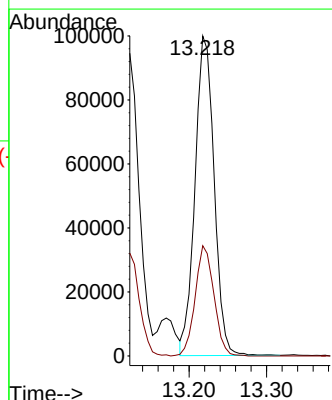
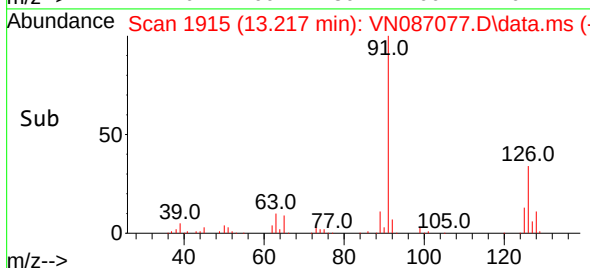
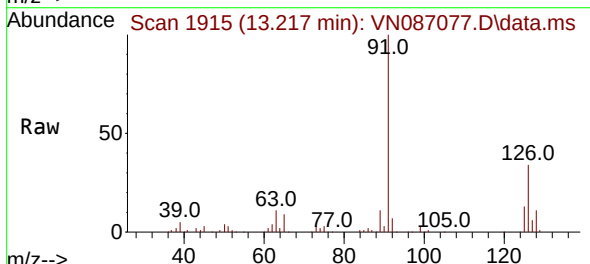
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0618WBS01

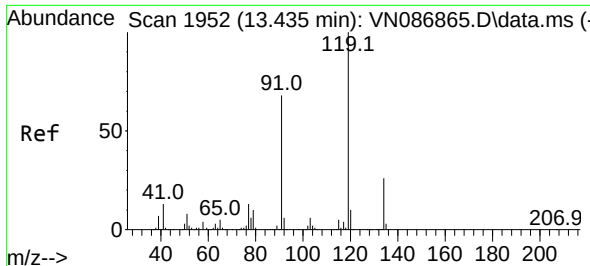
Tgt Ion: 75 Resp: 31478
 Ion Ratio Lower Upper
 75 100
 53 84.1 66.6 99.8
 89 41.6 36.7 55.1



#82
 4-Chlorotoluene
 Concen: 18.988 ug/l
 RT: 13.217 min Scan# 1915
 Delta R.T. -0.006 min
 Lab File: VN087077.D
 Acq: 18 Jun 2025 12:07

Tgt Ion: 91 Resp: 171133
 Ion Ratio Lower Upper
 91 100
 126 33.9 16.7 50.1

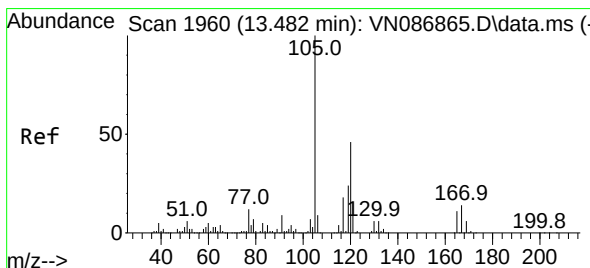
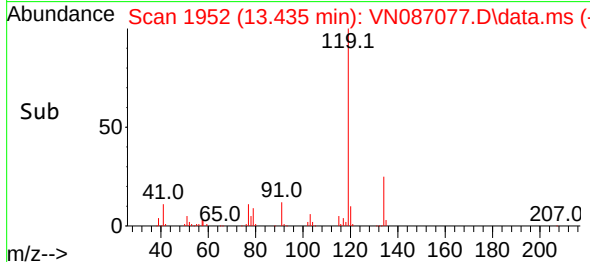
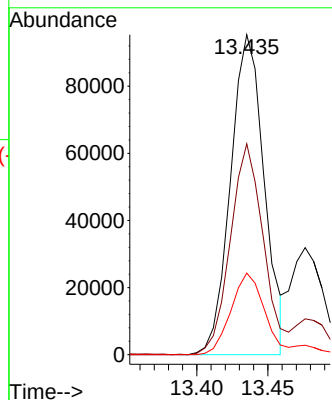
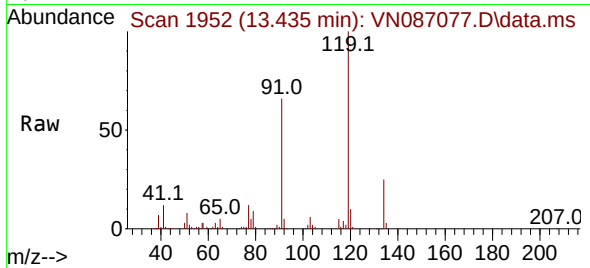




#83
 tert-Butylbenzene
 Concen: 17.019 ug/l
 RT: 13.435 min Scan# 1952
 Delta R.T. -0.000 min
 Lab File: VN087077.D
 Acq: 18 Jun 2025 12:07

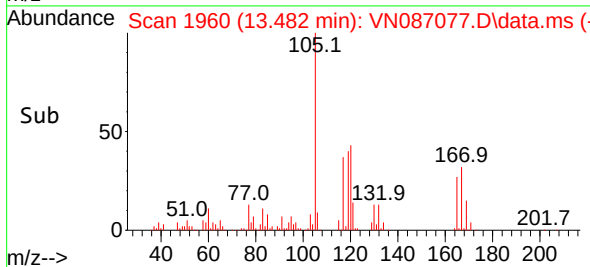
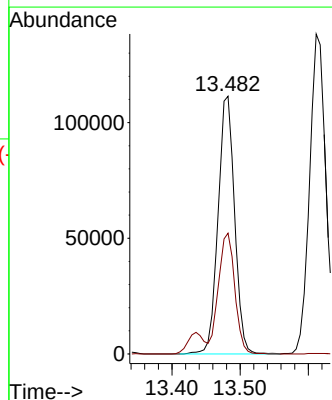
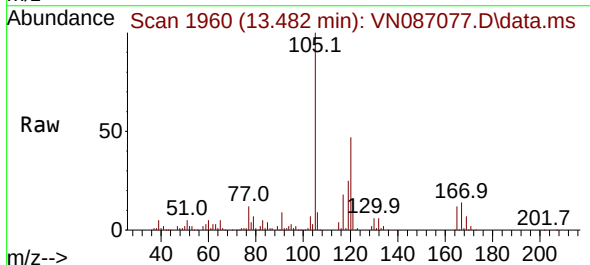
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0618WBS01

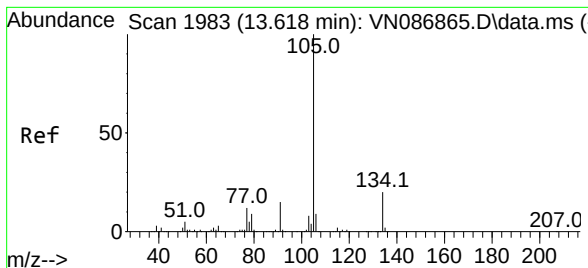
Tgt Ion:119 Resp: 157194
 Ion Ratio Lower Upper
 119 100
 91 65.1 32.1 96.5
 134 25.3 13.4 40.1



#84
 1,2,4-Trimethylbenzene
 Concen: 18.618 ug/l
 RT: 13.482 min Scan# 1960
 Delta R.T. -0.000 min
 Lab File: VN087077.D
 Acq: 18 Jun 2025 12:07

Tgt Ion:105 Resp: 188377
 Ion Ratio Lower Upper
 105 100
 120 46.4 23.2 69.6





#85

sec-Butylbenzene

Concen: 17.068 ug/l

RT: 13.612 min Scan# 1983

Delta R.T. -0.006 min

Lab File: VN087077.D

Acq: 18 Jun 2025 12:07

Instrument :

MSVOA_N

ClientSampleId :

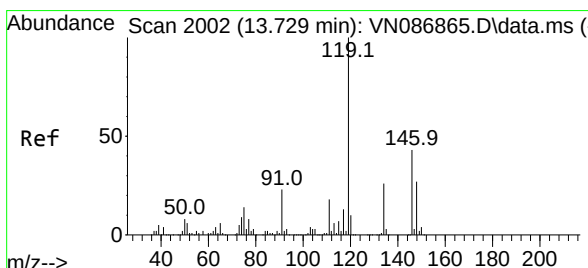
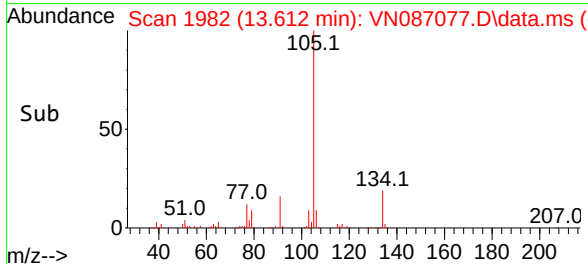
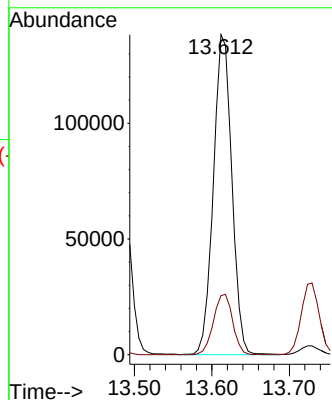
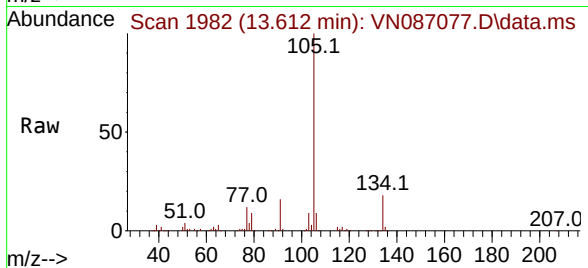
VN0618WBS01

Tgt Ion:105 Resp: 228942

Ion Ratio Lower Upper

105 100

134 19.5 10.0 30.0



#86

p-Isopropyltoluene

Concen: 17.356 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. -0.000 min

Lab File: VN087077.D

Acq: 18 Jun 2025 12:07

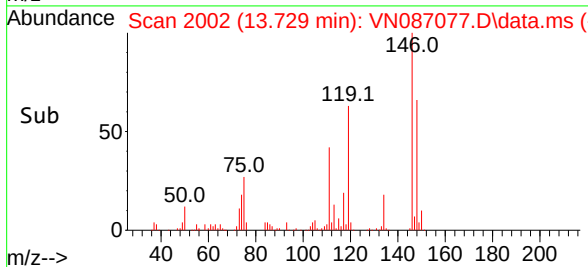
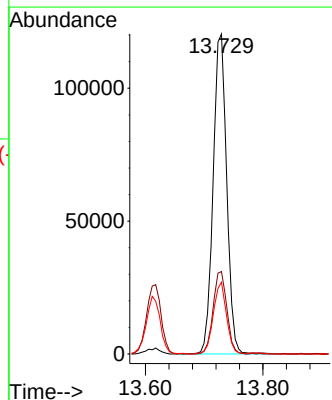
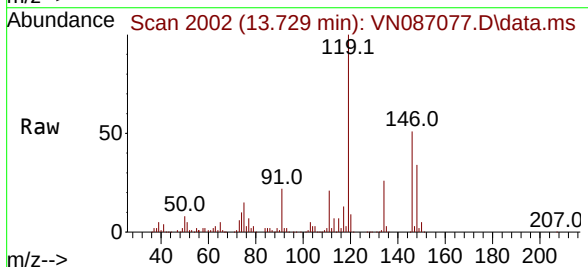
Tgt Ion:119 Resp: 192435

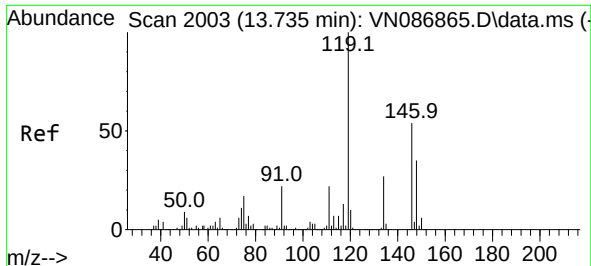
Ion Ratio Lower Upper

119 100

134 26.1 13.5 40.4

91 21.8 11.5 34.4

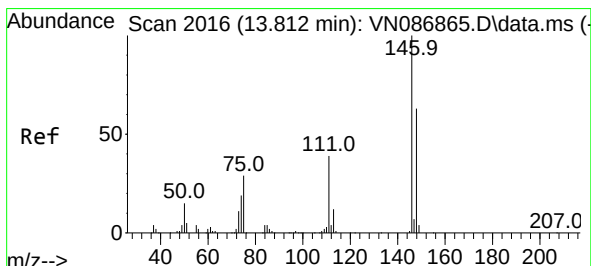
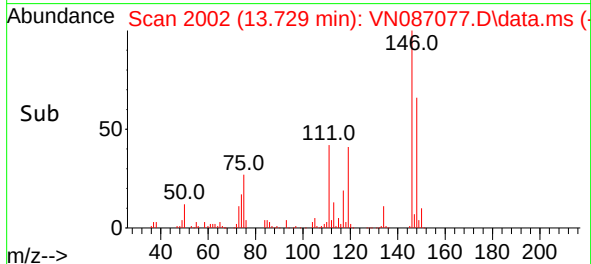
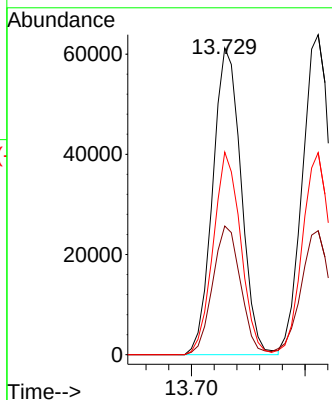
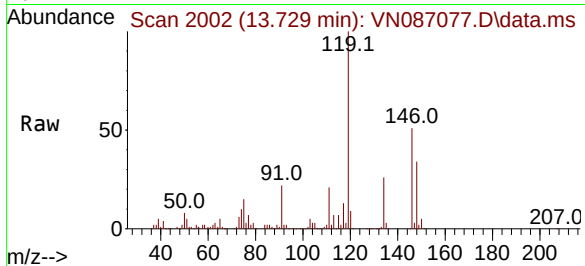




#87
 1,3-Dichlorobenzene
 Concen: 19.284 ug/l
 RT: 13.729 min Scan# 2003
 Delta R.T. -0.006 min
 Lab File: VN087077.D
 Acq: 18 Jun 2025 12:07

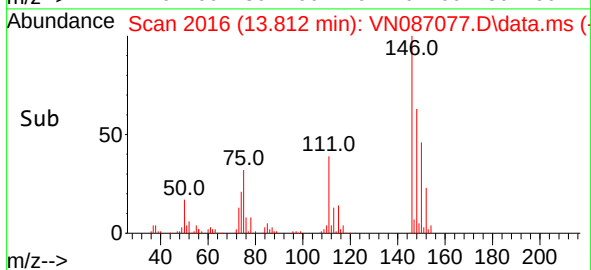
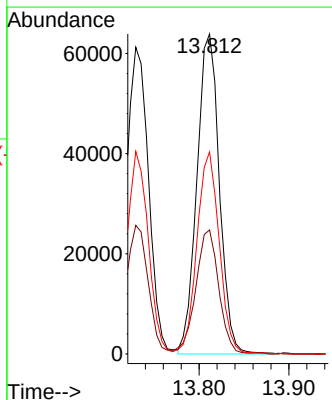
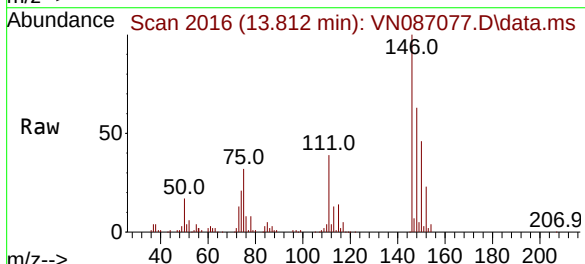
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0618WBS01

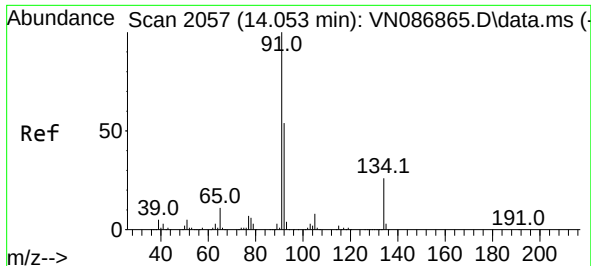
Tgt Ion:146 Resp: 106339
 Ion Ratio Lower Upper
 146 100
 111 41.4 20.9 62.8
 148 63.9 32.0 96.2



#88
 1,4-Dichlorobenzene
 Concen: 19.750 ug/l
 RT: 13.812 min Scan# 2016
 Delta R.T. -0.000 min
 Lab File: VN087077.D
 Acq: 18 Jun 2025 12:07

Tgt Ion:146 Resp: 111040
 Ion Ratio Lower Upper
 146 100
 111 39.2 19.9 59.7
 148 62.8 31.8 95.4

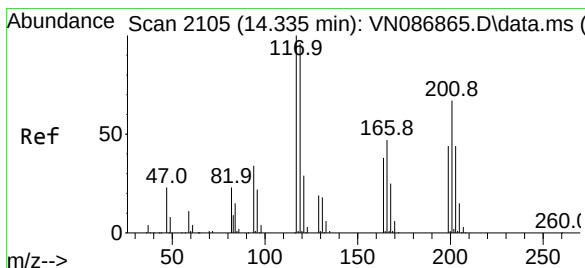
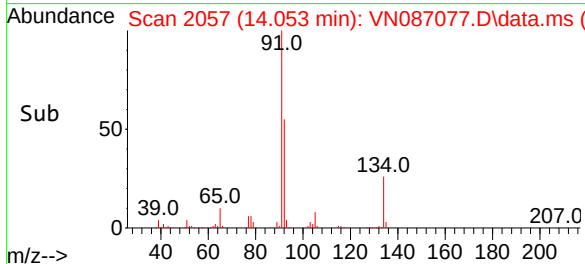
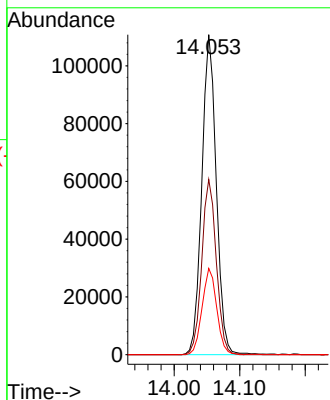
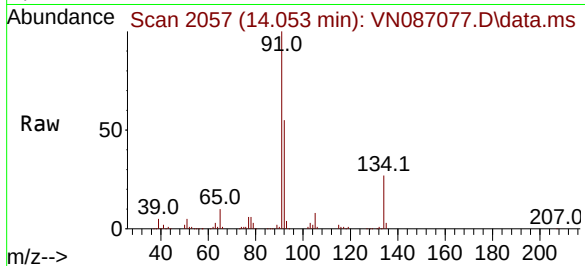




#89
n-Butylbenzene
Concen: 15.886 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN087077.D
Acq: 18 Jun 2025 12:07

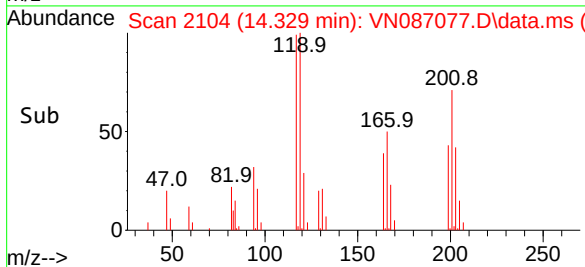
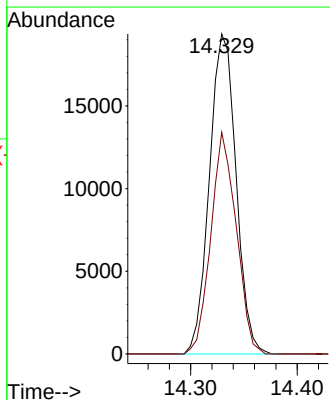
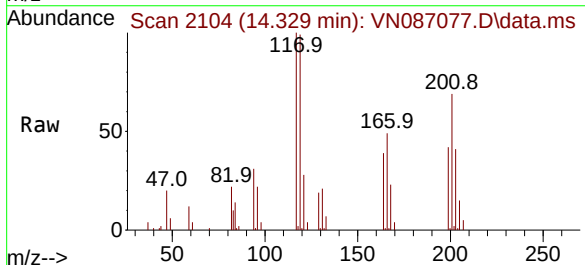
Instrument :
MSVOA_N
ClientSampleId :
VN0618WBS01

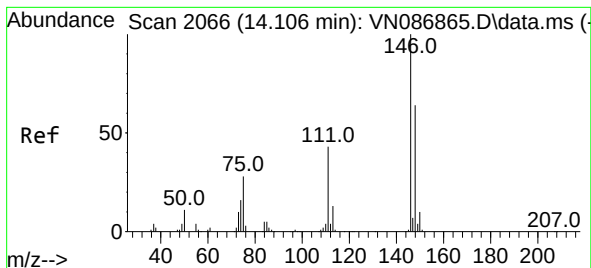
Tgt Ion: 91 Resp: 170611
Ion Ratio Lower Upper
91 100
92 54.9 27.5 82.4
134 27.1 13.0 39.0



#90
Hexachloroethane
Concen: 17.908 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. -0.006 min
Lab File: VN087077.D
Acq: 18 Jun 2025 12:07

Tgt Ion: 117 Resp: 33657
Ion Ratio Lower Upper
117 100
201 66.0 33.2 99.6





#91

1,2-Dichlorobenzene

Concen: 19.360 ug/l

RT: 14.106 min Scan# 2066

Delta R.T. -0.000 min

Lab File: VN087077.D

Acq: 18 Jun 2025 12:07

Instrument :

MSVOA_N

ClientSampleId :

VN0618WBS01

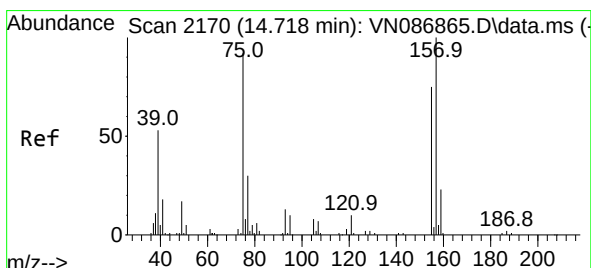
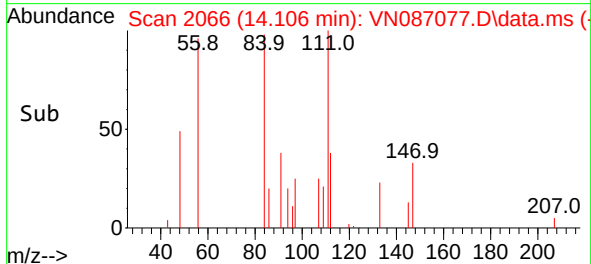
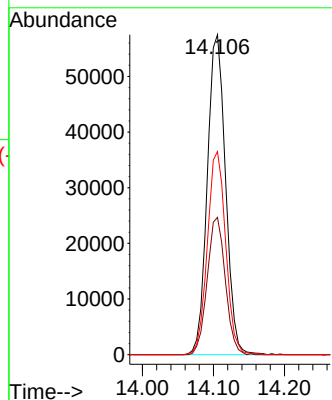
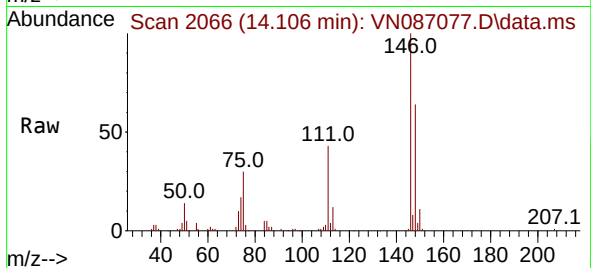
Tgt Ion:146 Resp: 102566

Ion Ratio Lower Upper

146 100

111 42.6 21.6 64.6

148 63.9 31.7 95.1



#92

1,2-Dibromo-3-Chloropropane

Concen: 17.834 ug/l

RT: 14.717 min Scan# 2170

Delta R.T. -0.000 min

Lab File: VN087077.D

Acq: 18 Jun 2025 12:07

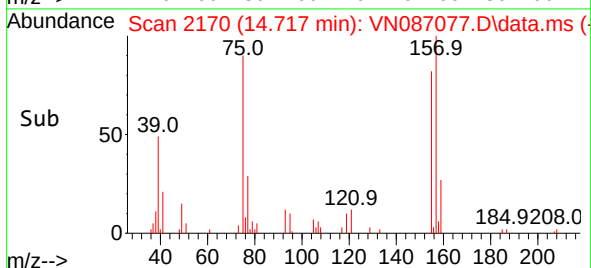
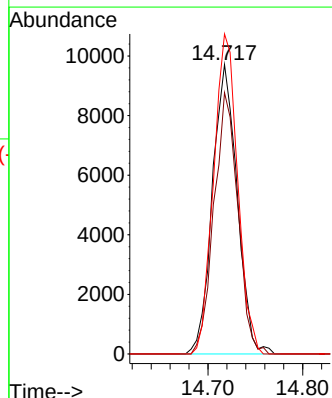
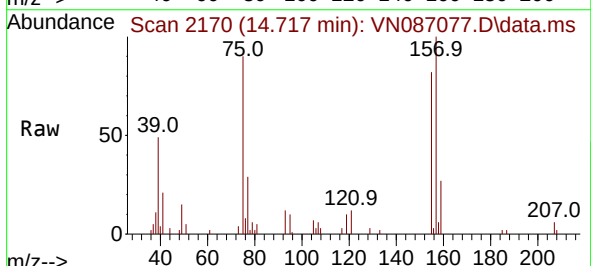
Tgt Ion: 75 Resp: 17659

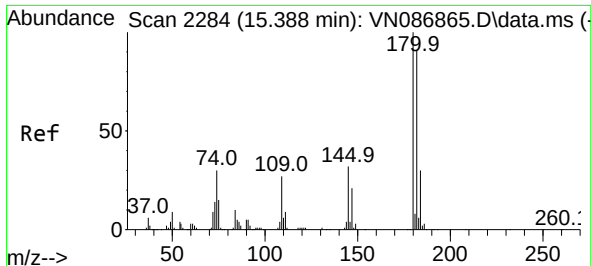
Ion Ratio Lower Upper

75 100

155 86.7 41.1 123.4

157 107.4 52.7 158.1

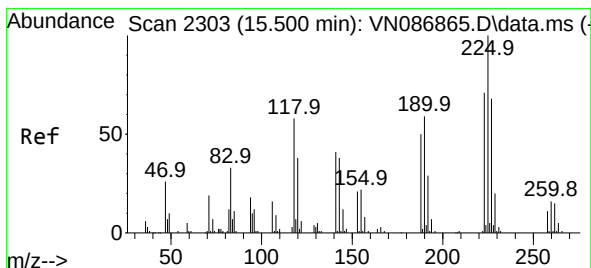
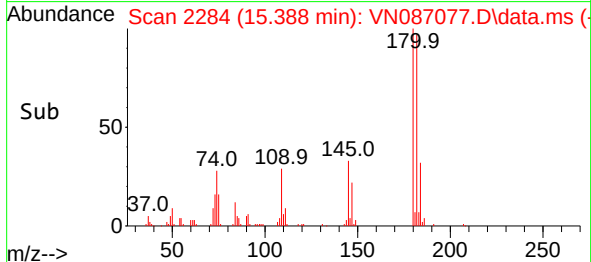
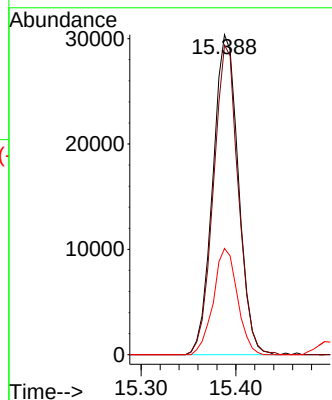
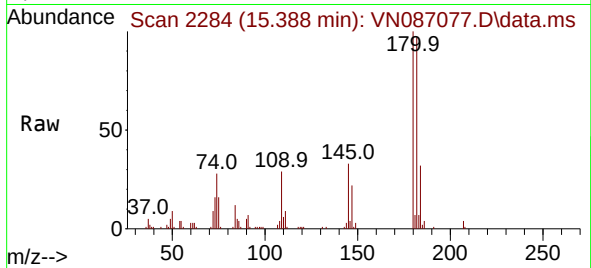




#93
1,2,4-Trichlorobenzene
Concen: 16.781 ug/l
RT: 15.388 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN087077.D
Acq: 18 Jun 2025 12:07

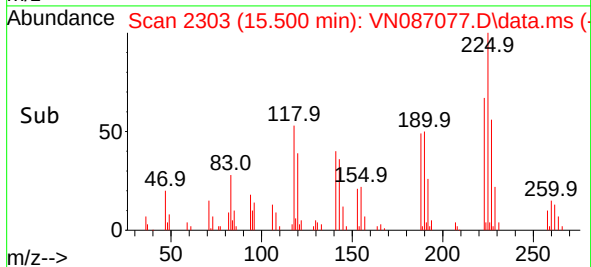
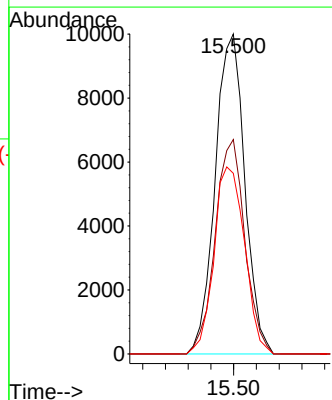
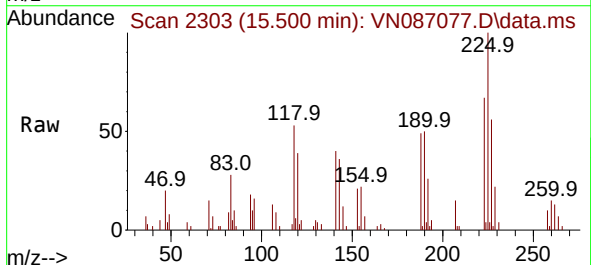
Instrument :
MSVOA_N
ClientSampleId :
VN0618WBS01

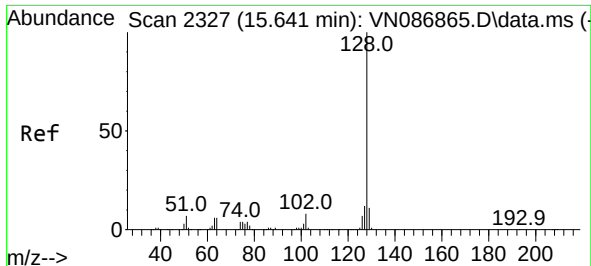
Tgt Ion:180 Resp: 56770
Ion Ratio Lower Upper
180 100
182 94.1 46.9 140.7
145 31.3 16.0 47.9



#94
Hexachlorobutadiene
Concen: 14.367 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. -0.000 min
Lab File: VN087077.D
Acq: 18 Jun 2025 12:07

Tgt Ion:225 Resp: 18108
Ion Ratio Lower Upper
225 100
223 67.2 33.5 100.4
227 60.4 31.1 93.5

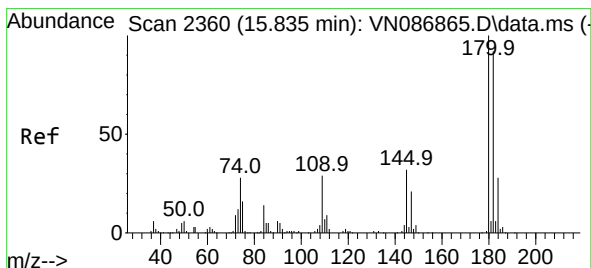
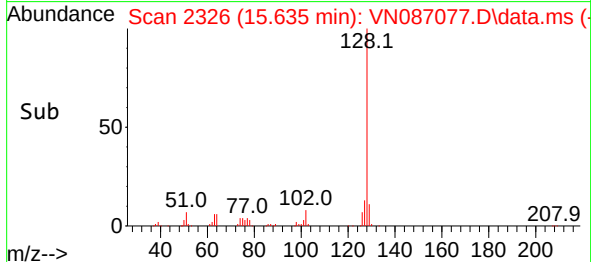
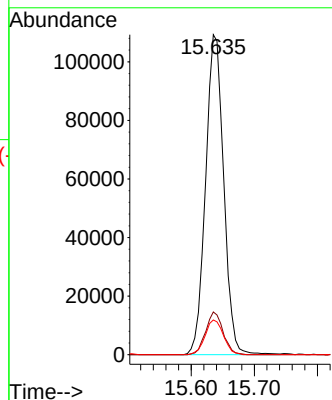
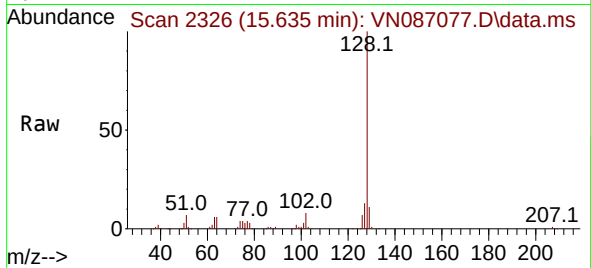




#95
Naphthalene
Concen: 17.306 ug/l
RT: 15.635 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN087077.D
Acq: 18 Jun 2025 12:07

Instrument :
MSVOA_N
ClientSampleId :
VN0618WBS01

Tgt Ion:128 Resp: 217923
Ion Ratio Lower Upper
128 100
127 12.8 10.2 15.2
129 11.0 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 16.270 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. -0.000 min
Lab File: VN087077.D
Acq: 18 Jun 2025 12:07

Tgt Ion:180 Resp: 54686
Ion Ratio Lower Upper
180 100
182 94.4 47.0 141.0
145 31.8 16.6 49.8

