

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061325\
 Data File : VN087000.D
 Acq On : 13 Jun 2025 14:32
 Operator : JC\MD
 Sample : VN0613WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0613WBS01

Quant Time: Jun 14 00:27:54 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	193820	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	342767	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	297937	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	150656	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	120719	46.519	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	93.040%
35) Dibromofluoromethane	8.177	113	104273	51.333	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.660%
50) Toluene-d8	10.571	98	390057	48.506	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	97.020%
62) 4-Bromofluorobenzene	12.847	95	148021	49.545	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	99.080%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.153	85	41501	21.475	ug/l	97
3) Chloromethane	2.401	50	46368	18.581	ug/l	100
4) Vinyl Chloride	2.553	62	57688	22.410	ug/l	97
5) Bromomethane	3.000	94	26677	18.519	ug/l	99
6) Chloroethane	3.159	64	36269	21.812	ug/l	97
7) Trichlorofluoromethane	3.530	101	72691	21.613	ug/l	97
8) Diethyl Ether	3.983	74	30759	20.990	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.400	101	44545	21.081	ug/l	98
10) Methyl Iodide	4.618	142	23587	8.611	ug/l	98
11) Tert butyl alcohol	5.541	59	64325	91.353	ug/l	100
12) 1,1-Dichloroethene	4.365	96	47822	22.168	ug/l	89
13) Acrolein	4.200	56	35766	160.469	ug/l	100
14) Allyl chloride	5.047	41	68500	19.146	ug/l	97
15) Acrylonitrile	5.741	53	161726	98.265	ug/l	99
16) Acetone	4.447	43	119345	86.723	ug/l	94
17) Carbon Disulfide	4.742	76	139889	23.443	ug/l	99
18) Methyl Acetate	5.047	43	64994	16.206	ug/l	98
19) Methyl tert-butyl Ether	5.818	73	157327	20.142	ug/l	98
20) Methylene Chloride	5.294	84	52509	20.381	ug/l	96
21) trans-1,2-Dichloroethene	5.818	96	51262	21.358	ug/l	88
22) Diisopropyl ether	6.688	45	149851	19.870	ug/l	97
23) Vinyl Acetate	6.618	43	658350	103.323	ug/l	97
24) 1,1-Dichloroethane	6.588	63	89124	20.535	ug/l	98
25) 2-Butanone	7.494	43	204093	91.238	ug/l	96
26) 2,2-Dichloropropane	7.506	77	75997	22.511	ug/l	99
27) cis-1,2-Dichloroethene	7.500	96	61840	21.544	ug/l	96
28) Bromochloromethane	7.830	49	46335	21.714	ug/l	93
29) Tetrahydrofuran	7.853	42	136050	93.364	ug/l	95
30) Chloroform	7.977	83	88860	20.502	ug/l	99
31) Cyclohexane	8.265	56	83030	19.727	ug/l	97
32) 1,1,1-Trichloroethane	8.182	97	74968	20.337	ug/l	97
36) 1,1-Dichloropropene	8.382	75	66350	21.920	ug/l	100
37) Ethyl Acetate	7.571	43	76639	19.890	ug/l	98
38) Carbon Tetrachloride	8.371	117	63596	21.401	ug/l	98
39) Methylcyclohexane	9.606	83	79523	19.176	ug/l	96
40) Benzene	8.618	78	212565	21.476	ug/l	99

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	42730	19.746	ug/l	96
42) 1,2-Dichloroethane	8.677	62	63301	21.085	ug/l	98
43) Isopropyl Acetate	8.694	43	119151	19.266	ug/l	97
44) Trichloroethene	9.359	130	51301	21.858	ug/l	95
45) 1,2-Dichloropropane	9.629	63	50395	20.928	ug/l	100
46) Dibromomethane	9.712	93	35265	22.048	ug/l	99
47) Bromodichloromethane	9.894	83	70308	21.365	ug/l	96
48) Methyl methacrylate	9.682	41	54185	19.036	ug/l	96
49) 1,4-Dioxane	9.706	88	21540	415.962	ug/l #	95
51) 4-Methyl-2-Pentanone	10.447	43	369197	99.165	ug/l	99
52) Toluene	10.629	92	131650	21.764	ug/l	99
53) t-1,3-Dichloropropene	10.841	75	77555	21.076	ug/l	100
54) cis-1,3-Dichloropropene	10.312	75	83996	21.333	ug/l	97
55) 1,1,2-Trichloroethane	11.018	97	49569	21.297	ug/l	98
56) Ethyl methacrylate	10.882	69	77585	20.928	ug/l	95
57) 1,3-Dichloropropane	11.165	76	85360	21.141	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	209528	94.760	ug/l	98
59) 2-Hexanone	11.206	43	215181	89.728	ug/l	93
60) Dibromochloromethane	11.359	129	53055	21.878	ug/l	99
61) 1,2-Dibromoethane	11.470	107	51474	21.576	ug/l	100
64) Tetrachloroethene	11.106	164	41009	21.749	ug/l	96
65) Chlorobenzene	11.894	112	142528	21.690	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	47110	22.303	ug/l	97
67) Ethyl Benzene	11.965	91	241208	21.311	ug/l	98
68) m/p-Xylenes	12.070	106	190243	43.908	ug/l	98
69) o-Xylene	12.400	106	91163	21.969	ug/l	96
70) Styrene	12.412	104	153392	21.602	ug/l	100
71) Bromoform	12.582	173	35468	22.662	ug/l #	99
73) Isopropylbenzene	12.694	105	223178	20.334	ug/l	100
74) N-amyl acetate	12.529	43	58468	15.245	ug/l #	91
75) 1,1,2,2-Tetrachloroethane	12.935	83	78224	21.038	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	103974	29.034	ug/l	69
77) Bromobenzene	12.982	156	54231	21.546	ug/l	96
78) n-propylbenzene	13.035	91	266686	19.994	ug/l	99
79) 2-Chlorotoluene	13.123	91	165392	20.677	ug/l	99
80) 1,3,5-Trimethylbenzene	13.170	105	183973	20.303	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.741	75	30824	19.814	ug/l	93
82) 4-Chlorotoluene	13.217	91	169312	20.919	ug/l	99
83) tert-Butylbenzene	13.435	119	161431	19.462	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	186915	20.570	ug/l	99
85) sec-Butylbenzene	13.612	105	228099	18.936	ug/l	100
86) p-Isopropyltoluene	13.729	119	188601	18.941	ug/l	100
87) 1,3-Dichlorobenzene	13.729	146	104746	21.151	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	107411	21.274	ug/l	99
89) n-Butylbenzene	14.053	91	173997	18.041	ug/l	99
90) Hexachloroethane	14.329	117	33086	19.603	ug/l	98
91) 1,2-Dichlorobenzene	14.106	146	98273	20.655	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	17506	19.687	ug/l	99
93) 1,2,4-Trichlorobenzene	15.388	180	57950	19.074	ug/l	98
94) Hexachlorobutadiene	15.500	225	17458	15.423	ug/l	97
95) Naphthalene	15.635	128	222787	19.701	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	55693	18.450	ug/l	99

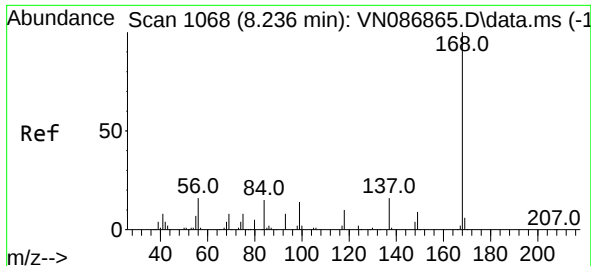
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061325\
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Quant Title : SW846 8260
QLast Update : Sat Jun 07 02:12:50 2025
Response via : Initial Calibration

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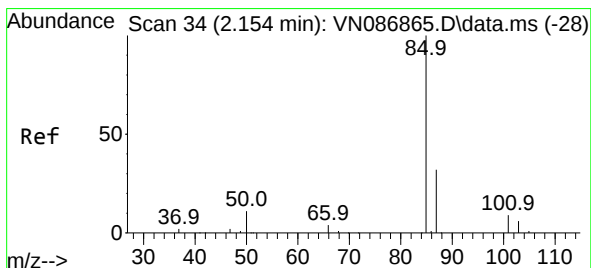
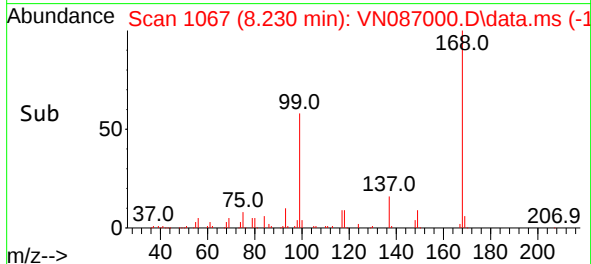
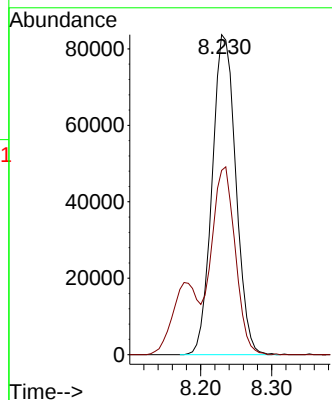
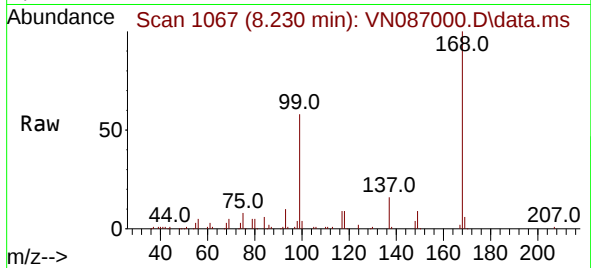
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1068
Delta R.T. -0.006 min
Lab File: VN087000.D
Acq: 13 Jun 2025 14:32

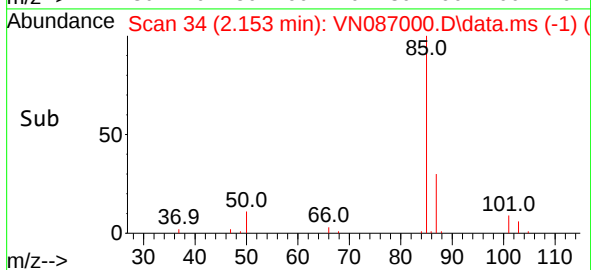
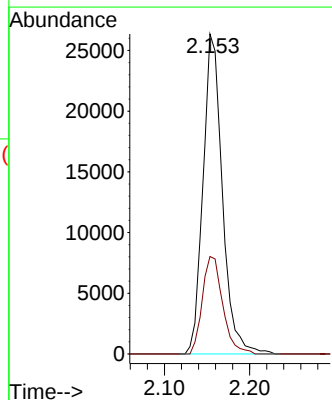
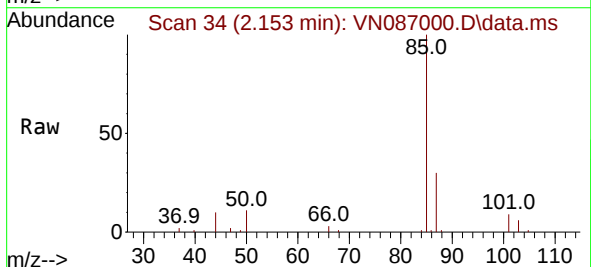
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ClientSampleId :
VN0613WBS01

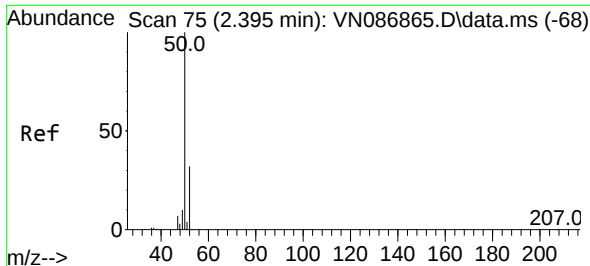
Tgt Ion:168 Resp: 193820
Ion Ratio Lower Upper
168 100
99 57.6 49.1 73.7



#2
Dichlorodifluoromethane
Concen: 21.475 ug/l
RT: 2.153 min Scan# 34
Delta R.T. -0.000 min
Lab File: VN087000.D
Acq: 13 Jun 2025 14:32

Tgt Ion: 85 Resp: 41501
Ion Ratio Lower Upper
85 100
87 30.5 16.2 48.6

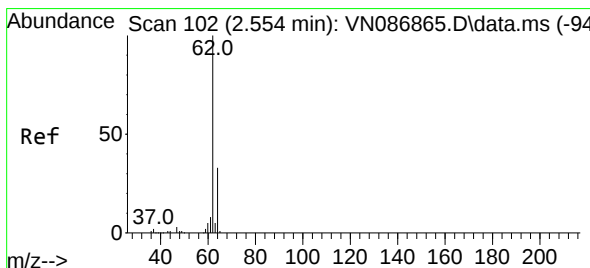
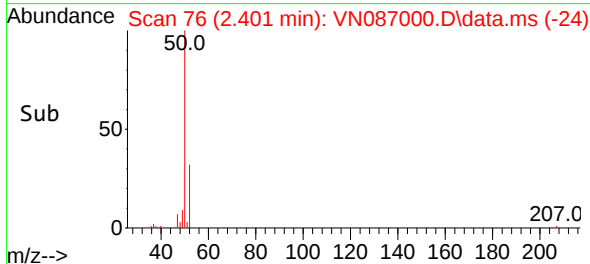
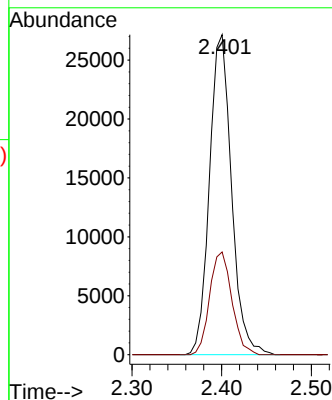
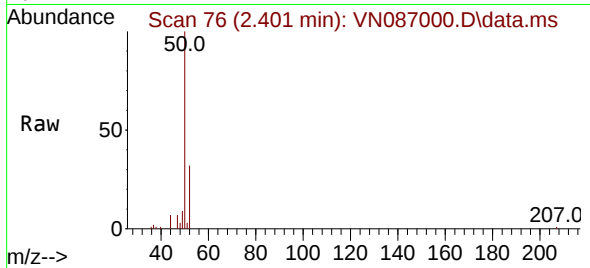




#3
Chloromethane
Concen: 18.581 ug/l
RT: 2.401 min Scan# 75
Delta R.T. 0.006 min
Lab File: VN087000.D
Acq: 13 Jun 2025 14:32

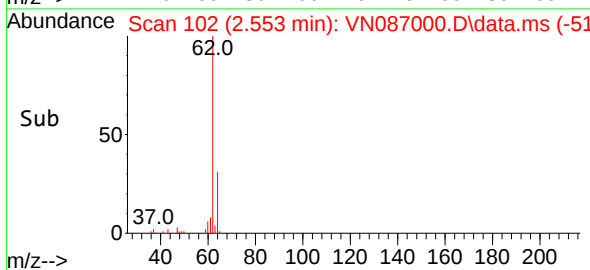
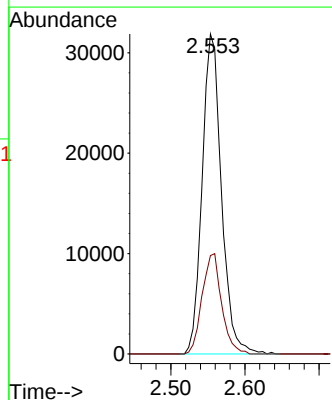
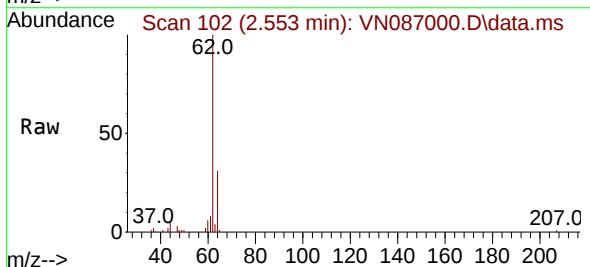
Instrument :
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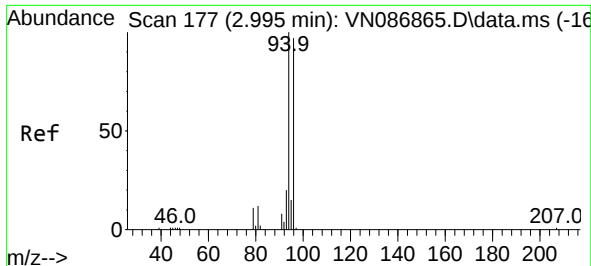
Tgt Ion: 50 Resp: 46368
Ion Ratio Lower Upper
50 100
52 32.1 25.7 38.5



#4
Vinyl Chloride
Concen: 22.410 ug/l
RT: 2.553 min Scan# 102
Delta R.T. -0.000 min
Lab File: VN087000.D
Acq: 13 Jun 2025 14:32

Tgt Ion: 62 Resp: 57688
Ion Ratio Lower Upper
62 100
64 30.8 26.0 39.0

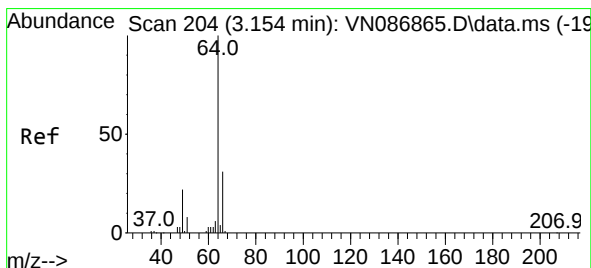
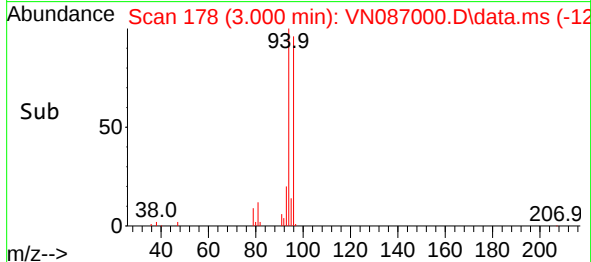
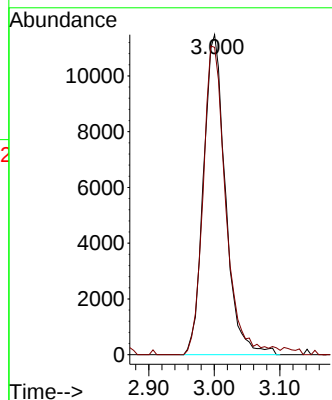
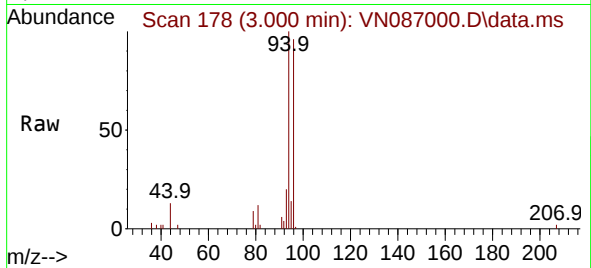




#5
Bromomethane
Concen: 18.519 ug/l
RT: 3.000 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN087000.D
Acq: 13 Jun 2025 14:32

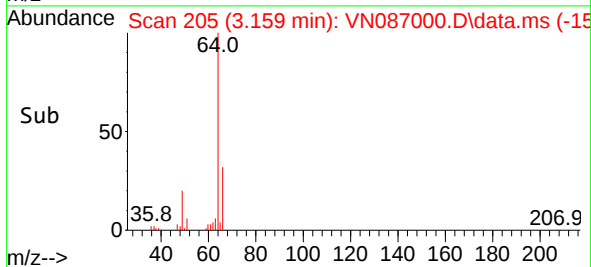
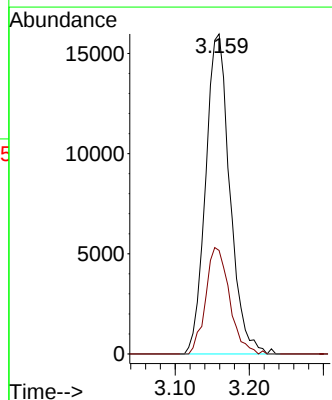
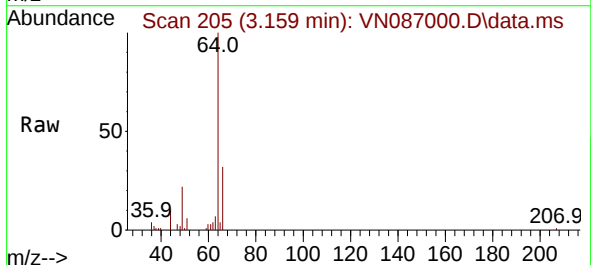
Instrument :
MSVOA_N
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VN0613WBS01

Tgt Ion: 94 Resp: 26677
Ion Ratio Lower Upper
94 100
96 96.1 77.9 116.9



#6
Chloroethane
Concen: 21.812 ug/l
RT: 3.159 min Scan# 205
Delta R.T. 0.006 min
Lab File: VN087000.D
Acq: 13 Jun 2025 14:32

Tgt Ion: 64 Resp: 36269
Ion Ratio Lower Upper
64 100
66 32.3 24.6 36.8

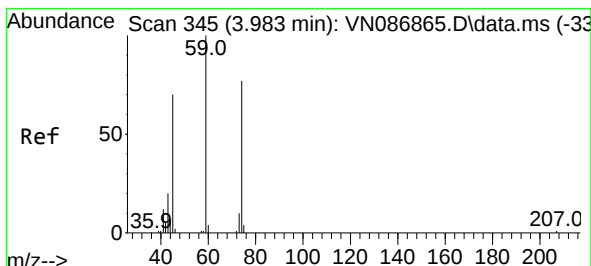
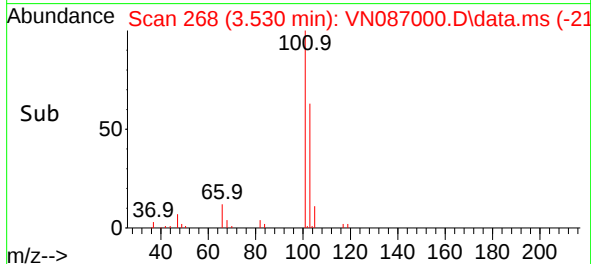
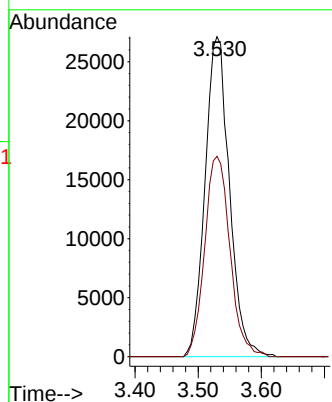
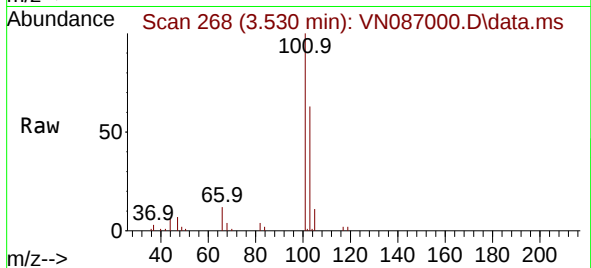




#7
Trichlorofluoromethane
Concen: 21.613 ug/l
RT: 3.530 min Scan# 267
Delta R.T. 0.006 min
Lab File: VN087000.D
Acq: 13 Jun 2025 14:32

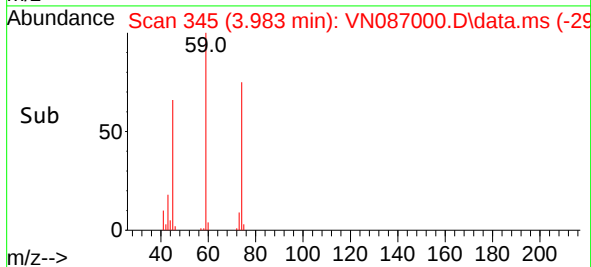
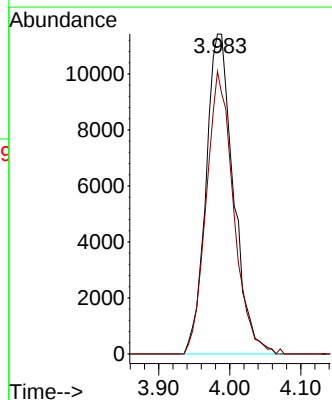
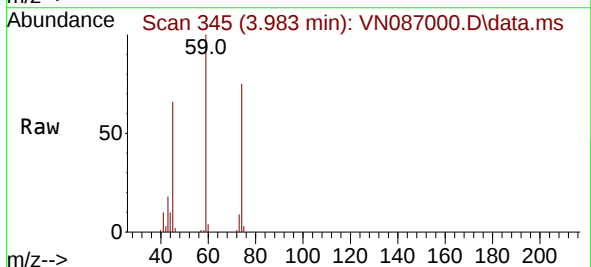
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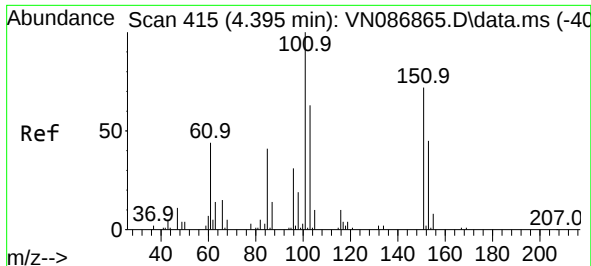
Tgt Ion:101 Resp: 72691
Ion Ratio Lower Upper
101 100
103 62.6 52.2 78.2



#8
Diethyl Ether
Concen: 20.990 ug/l
RT: 3.983 min Scan# 345
Delta R.T. -0.000 min
Lab File: VN087000.D
Acq: 13 Jun 2025 14:32

Tgt Ion: 74 Resp: 30759
Ion Ratio Lower Upper
74 100
45 87.6 45.5 136.5

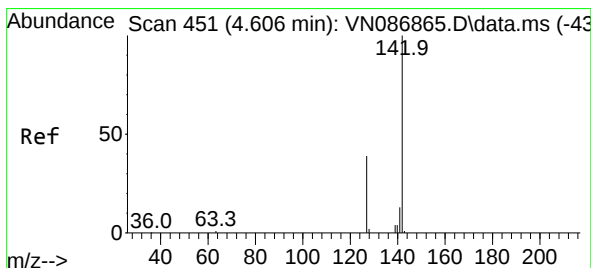
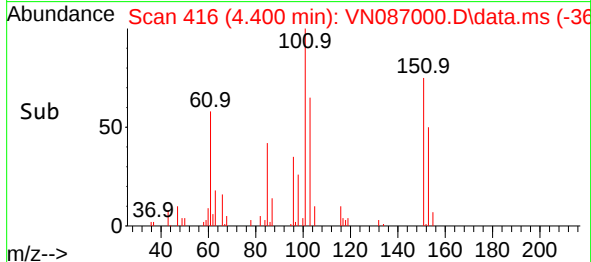
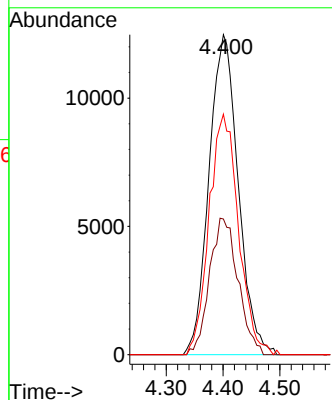
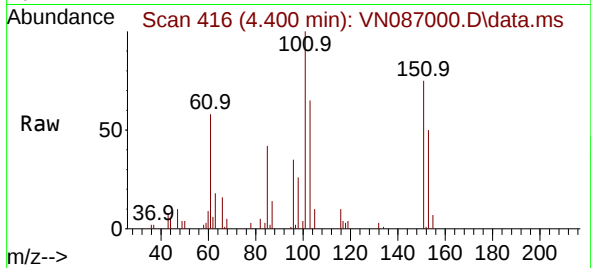




#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.081 ug/l
RT: 4.400 min Scan# 415
Delta R.T. 0.006 min
Lab File: VN087000.D
Acq: 13 Jun 2025 14:32

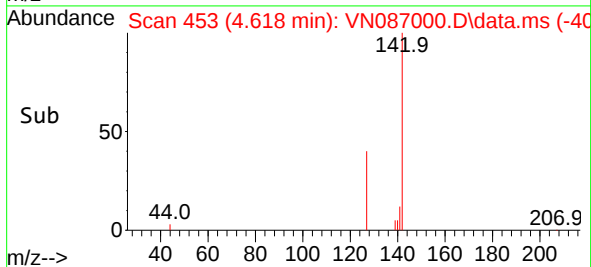
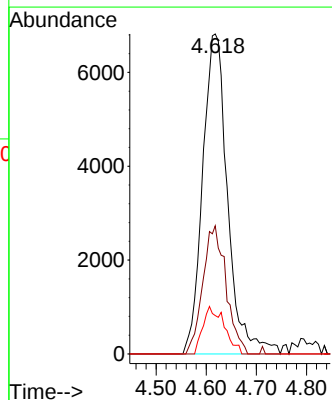
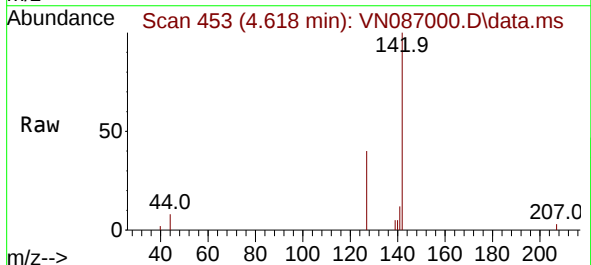
Instrument :
MSVOA_N
ClientSampleId :
VN0613WBS01

Tgt Ion:101 Resp: 44545
Ion Ratio Lower Upper
101 100
85 41.6 33.8 50.8
151 75.7 58.7 88.1



#10
Methyl Iodide
Concen: 8.611 ug/l
RT: 4.618 min Scan# 453
Delta R.T. 0.012 min
Lab File: VN087000.D
Acq: 13 Jun 2025 14:32

Tgt Ion:142 Resp: 23587
Ion Ratio Lower Upper
142 100
127 40.0 30.9 46.3
141 12.0 10.4 15.6

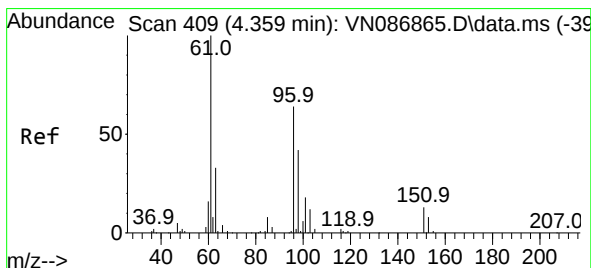
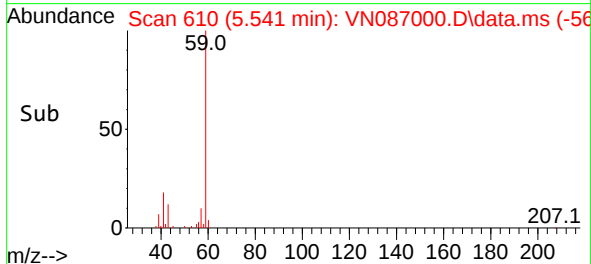
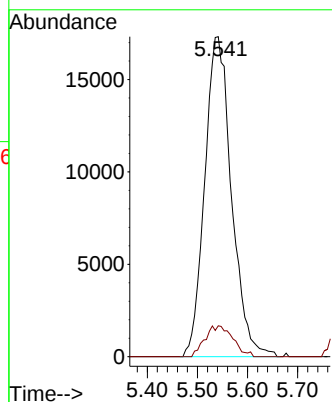
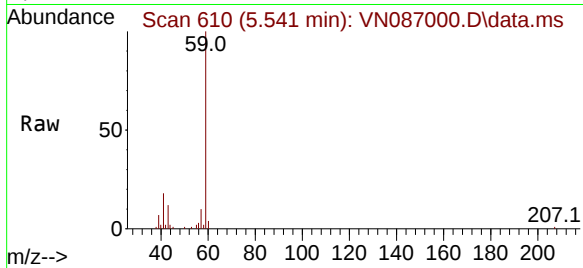




#11
Tert butyl alcohol
Concen: 91.353 ug/l
RT: 5.541 min Scan# 611
Delta R.T. -0.006 min
Lab File: VN087000.D
Acq: 13 Jun 2025 14:32

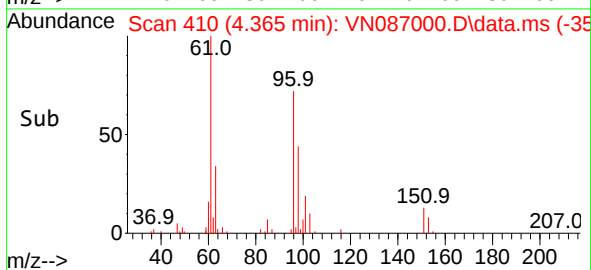
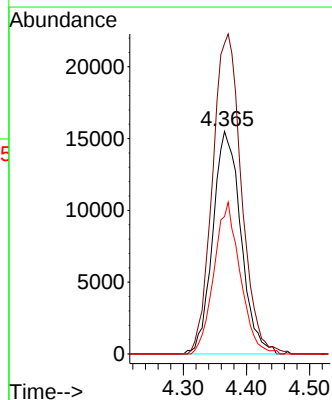
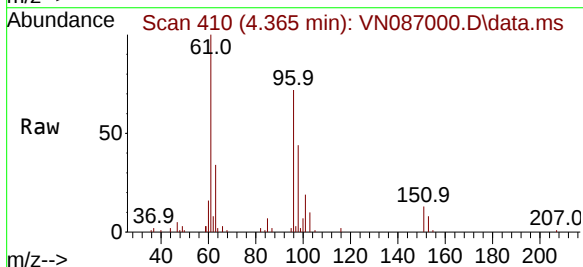
Instrument :
MSVOA_N
ClientSampleId :
VN0613WBS01

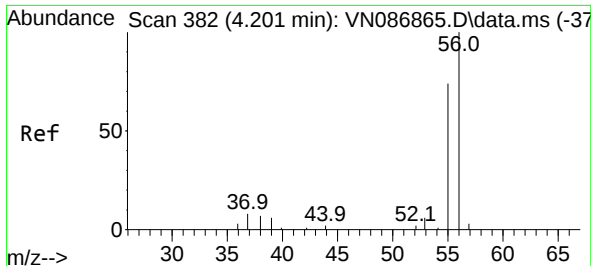
Tgt Ion: 59 Resp: 64325
Ion Ratio Lower Upper
59 100
57 10.0 8.1 12.1



#12
1,1-Dichloroethene
Concen: 22.168 ug/l
RT: 4.365 min Scan# 410
Delta R.T. 0.006 min
Lab File: VN087000.D
Acq: 13 Jun 2025 14:32

Tgt Ion: 96 Resp: 47822
Ion Ratio Lower Upper
96 100
61 139.4 125.8 188.6
98 61.8 52.5 78.7

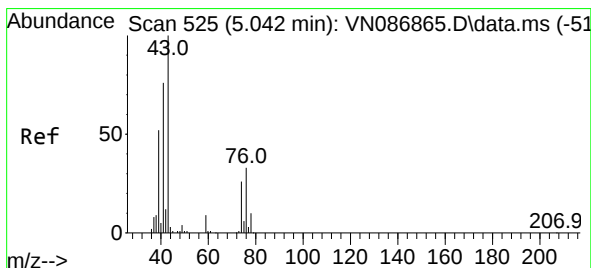
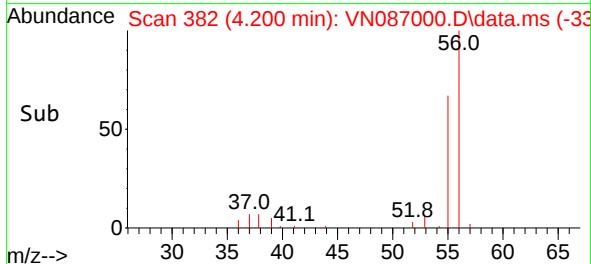
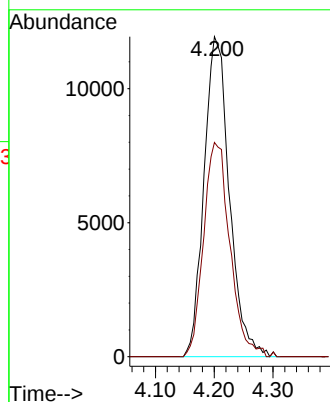
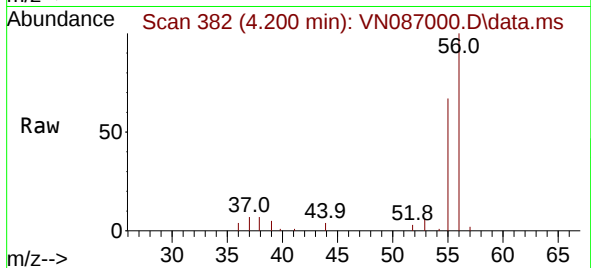




#13
Acrolein
Concen: 160.469 ug/l
RT: 4.200 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN087000.D
Acq: 13 Jun 2025 14:32

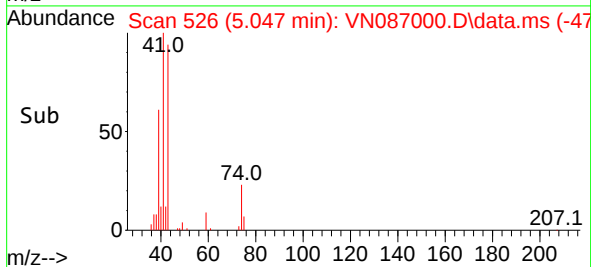
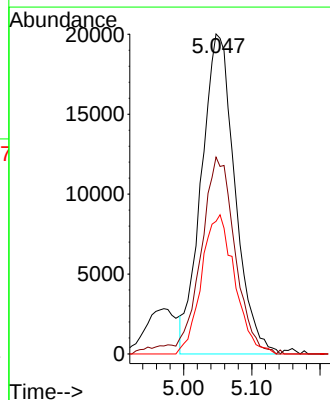
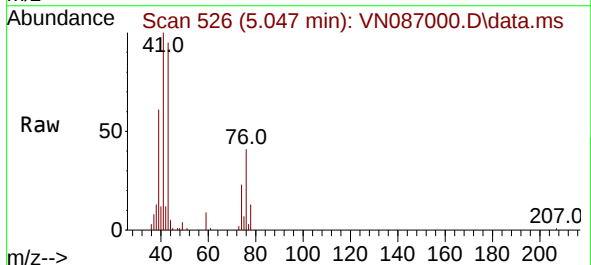
Instrument :
MSVOA_N
ClientSampleId :
VN0613WBS01

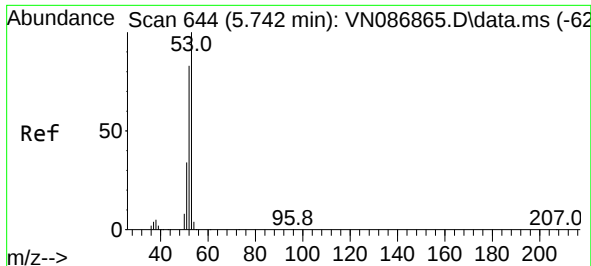
Tgt Ion: 56 Resp: 35766
Ion Ratio Lower Upper
56 100
55 69.4 55.6 83.4



#14
Allyl chloride
Concen: 19.146 ug/l
RT: 5.047 min Scan# 526
Delta R.T. 0.006 min
Lab File: VN087000.D
Acq: 13 Jun 2025 14:32

Tgt Ion: 41 Resp: 68500
Ion Ratio Lower Upper
41 100
39 64.0 51.3 76.9
76 43.2 31.4 47.0

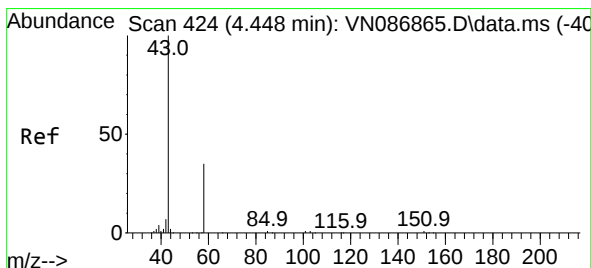
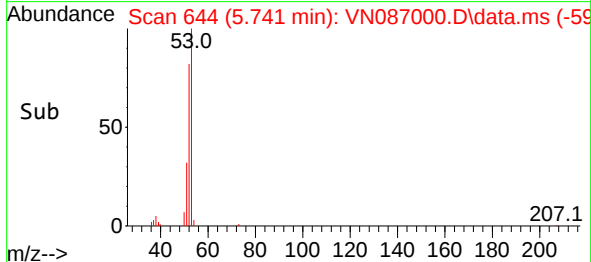
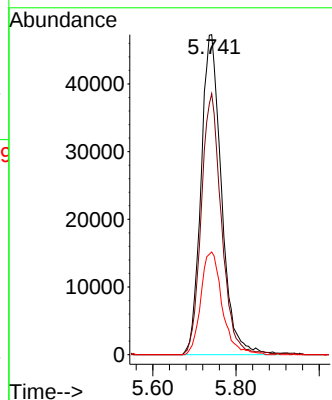
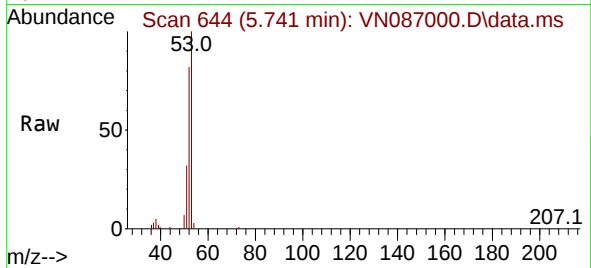




#15
Acrylonitrile
Concen: 98.265 ug/l
RT: 5.741 min Scan# 644
Delta R.T. -0.000 min
Lab File: VN087000.D
Acq: 13 Jun 2025 14:32

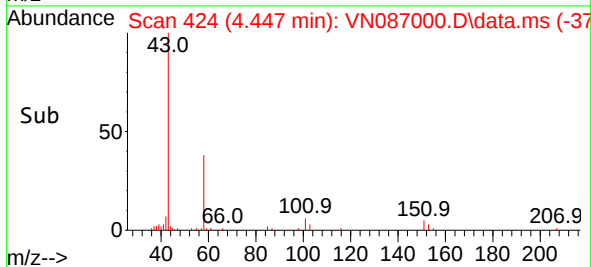
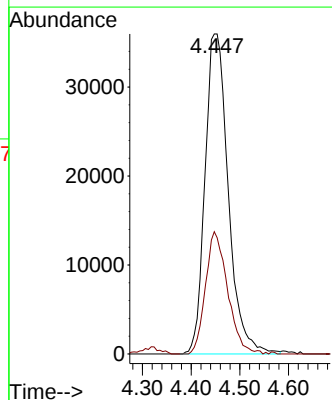
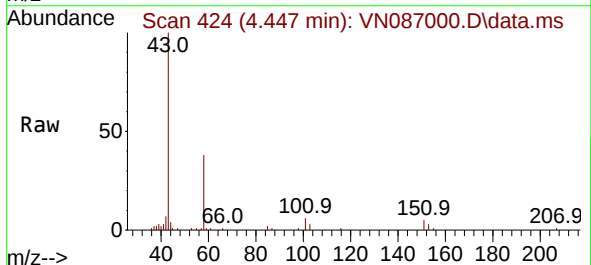
Instrument :
MSVOA_N
ClientSampleId :
VN0613WBS01

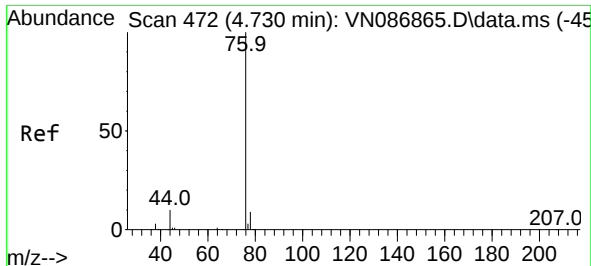
Tgt Ion: 53 Resp: 161726
Ion Ratio Lower Upper
53 100
52 80.5 65.0 97.6
51 33.5 27.2 40.8



#16
Acetone
Concen: 86.723 ug/l
RT: 4.447 min Scan# 424
Delta R.T. -0.000 min
Lab File: VN087000.D
Acq: 13 Jun 2025 14:32

Tgt Ion: 43 Resp: 119345
Ion Ratio Lower Upper
43 100
58 38.2 28.0 42.0

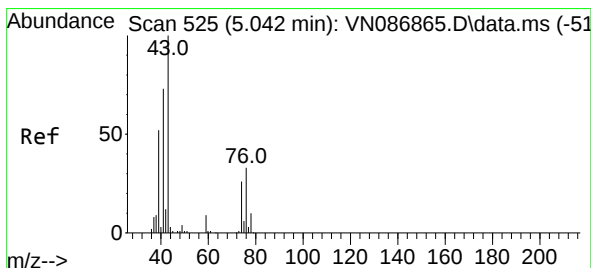
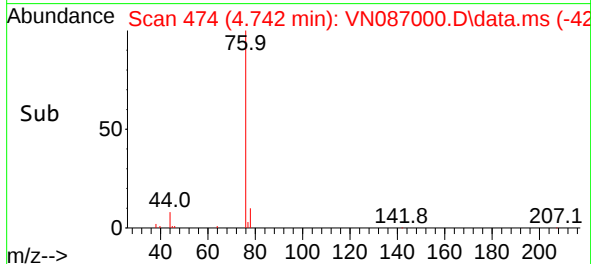
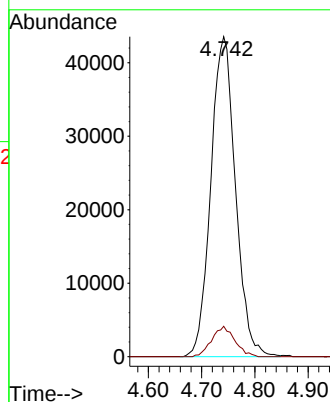
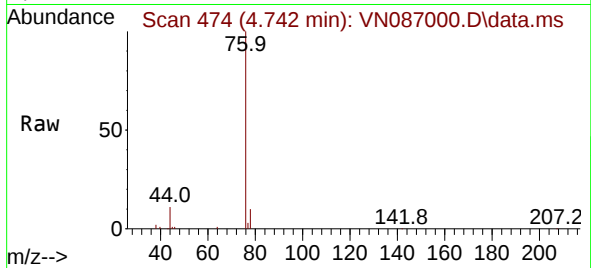




#17
Carbon Disulfide
Concen: 23.443 ug/l
RT: 4.742 min Scan# 41
Delta R.T. 0.012 min
Lab File: VN087000.D
Acq: 13 Jun 2025 14:32

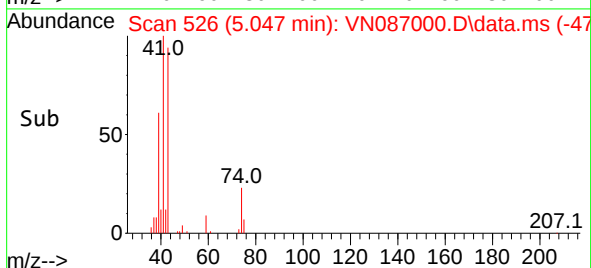
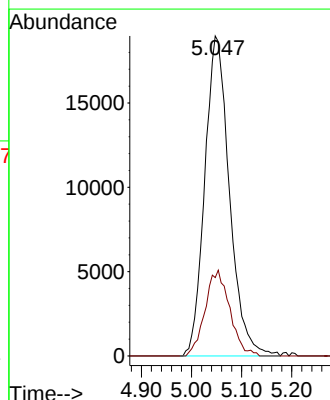
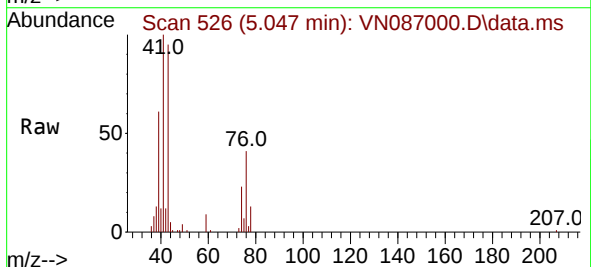
Instrument :
MSVOA_N
ClientSampleId :
VN0613WBS01

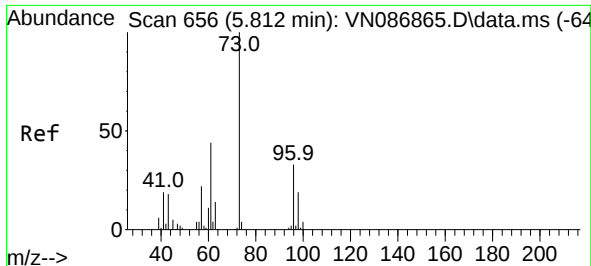
Tgt Ion: 76 Resp: 139889
Ion Ratio Lower Upper
76 100
78 9.5 7.3 10.9



#18
Methyl Acetate
Concen: 16.206 ug/l
RT: 5.047 min Scan# 526
Delta R.T. 0.006 min
Lab File: VN087000.D
Acq: 13 Jun 2025 14:32

Tgt Ion: 43 Resp: 64994
Ion Ratio Lower Upper
43 100
74 26.7 20.7 31.1

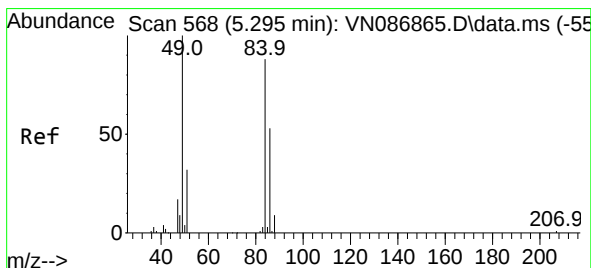
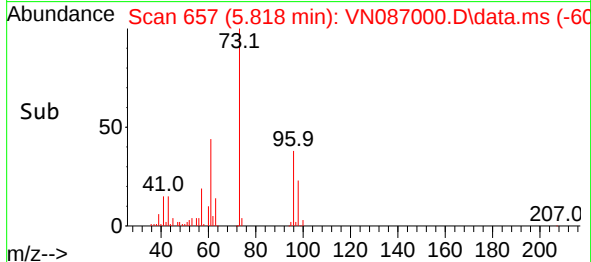
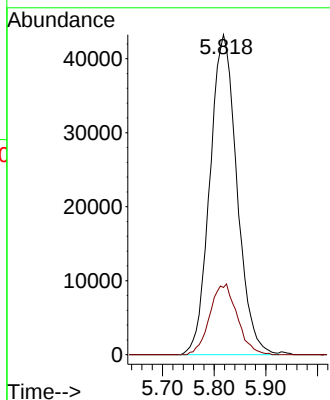
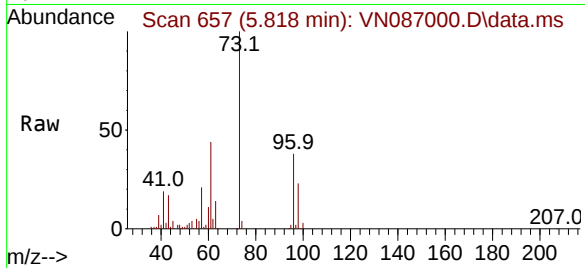




#19
Methyl tert-butyl Ether
Concen: 20.142 ug/l
RT: 5.818 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN087000.D
Acq: 13 Jun 2025 14:32

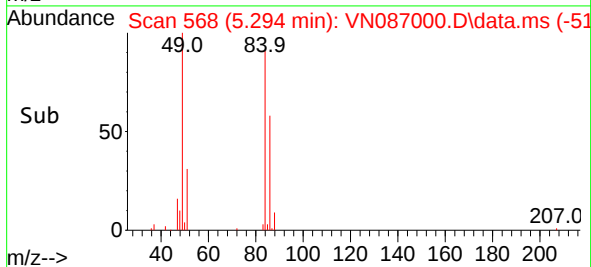
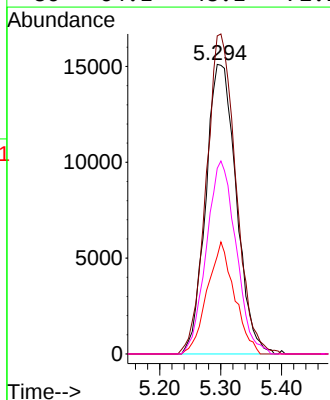
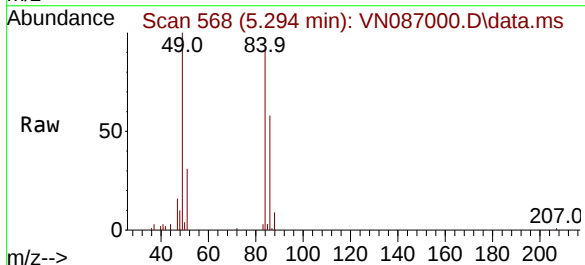
Instrument :
MSVOA_N
ClientSampleId :
VN0613WBS01

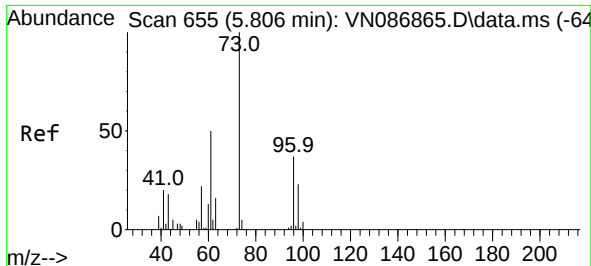
Tgt Ion: 73 Resp: 157327
Ion Ratio Lower Upper
73 100
57 21.0 17.4 26.2



#20
Methylene Chloride
Concen: 20.381 ug/l
RT: 5.294 min Scan# 568
Delta R.T. -0.000 min
Lab File: VN087000.D
Acq: 13 Jun 2025 14:32

Tgt Ion: 84 Resp: 52509
Ion Ratio Lower Upper
84 100
49 109.8 90.5 135.7
51 33.8 28.5 42.7
86 64.1 48.1 72.1

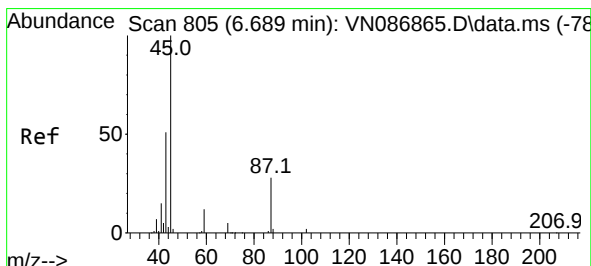
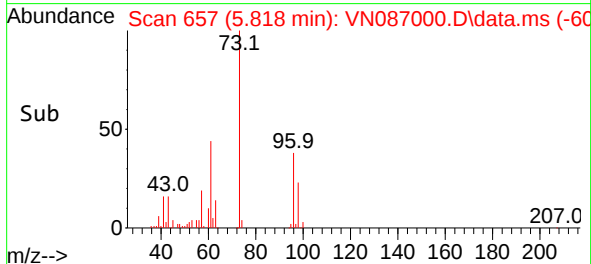
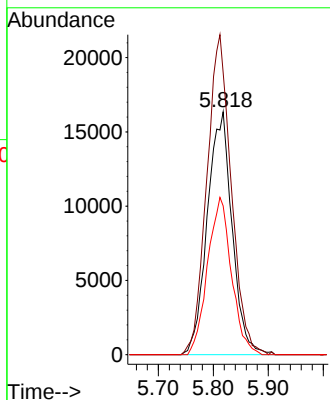
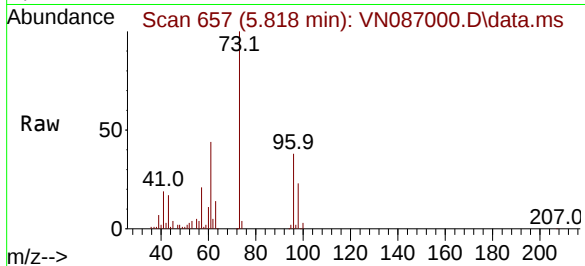




#21
trans-1,2-Dichloroethene
Concen: 21.358 ug/l
RT: 5.818 min Scan# 611
Delta R.T. 0.012 min
Lab File: VN087000.D
Acq: 13 Jun 2025 14:32

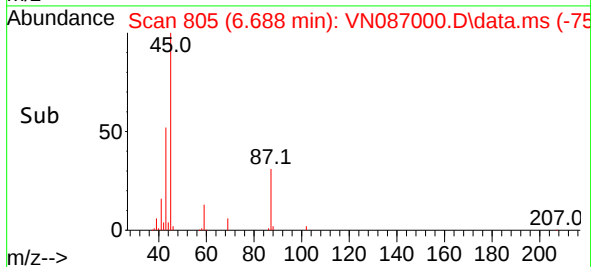
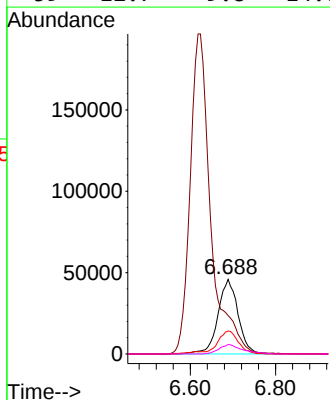
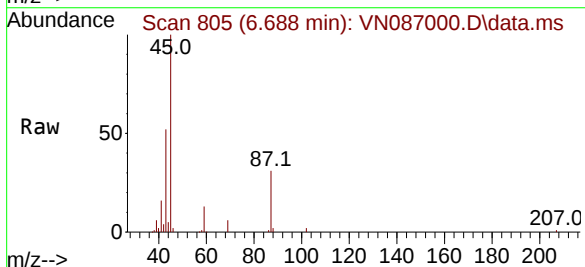
Instrument :
MSVOA_N
ClientSampleId :
VN0613WBS01

Tgt Ion: 96 Resp: 51262
Ion Ratio Lower Upper
96 100
61 116.2 109.2 163.8
98 61.3 49.8 74.8



#22
Diisopropyl ether
Concen: 19.870 ug/l
RT: 6.688 min Scan# 805
Delta R.T. -0.000 min
Lab File: VN087000.D
Acq: 13 Jun 2025 14:32

Tgt Ion: 45 Resp: 149851
Ion Ratio Lower Upper
45 100
43 50.5 41.9 62.9
87 30.6 22.4 33.6
59 12.7 9.8 14.6

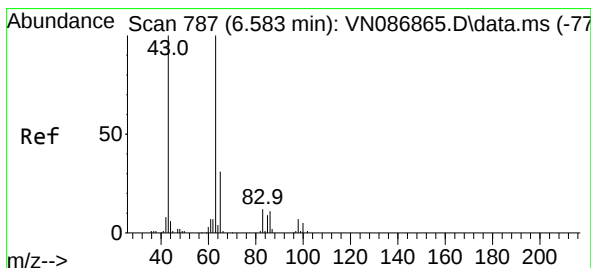
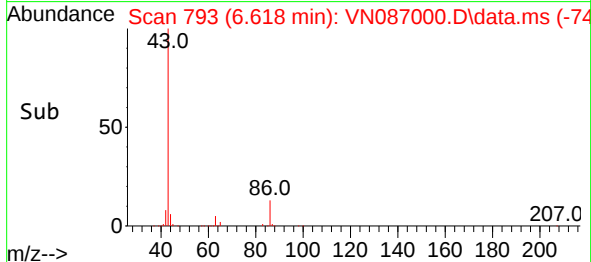
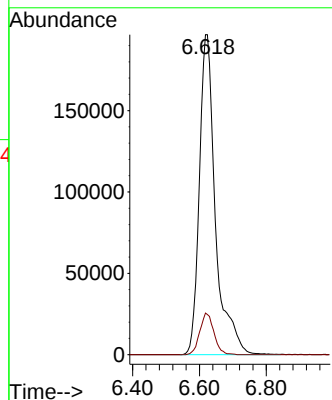
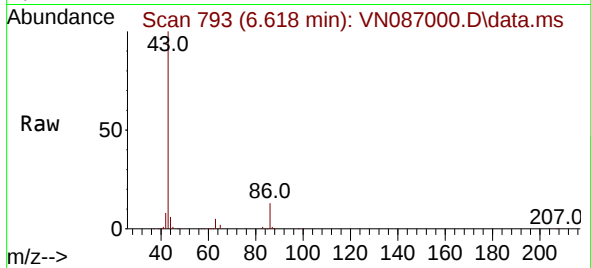




#23
 Vinyl Acetate
 Concen: 103.323 ug/l
 RT: 6.618 min Scan# 793
 Delta R.T. -0.000 min
 Lab File: VN087000.D
 Acq: 13 Jun 2025 14:32

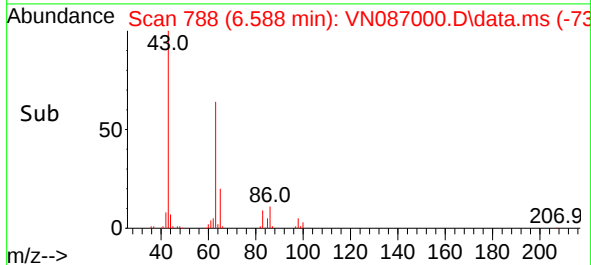
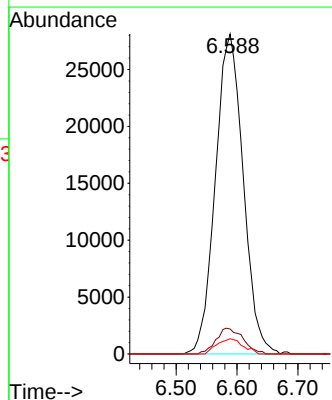
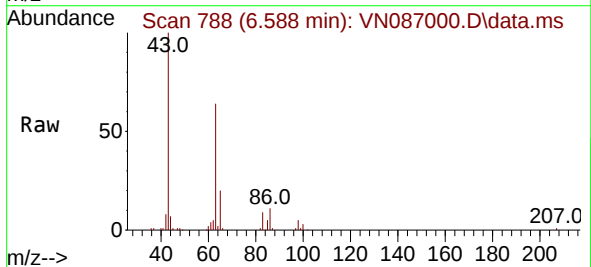
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0613WBS01

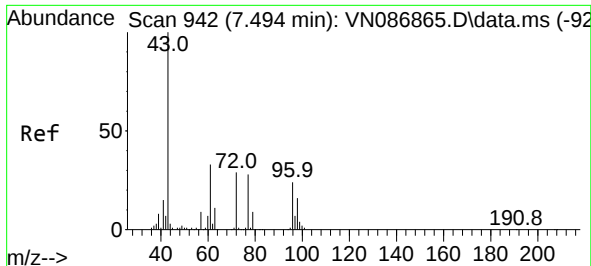
Tgt Ion: 43 Resp: 658350
 Ion Ratio Lower Upper
 43 100
 86 13.0 9.5 14.3



#24
 1,1-Dichloroethane
 Concen: 20.535 ug/l
 RT: 6.588 min Scan# 788
 Delta R.T. 0.006 min
 Lab File: VN087000.D
 Acq: 13 Jun 2025 14:32

Tgt Ion: 63 Resp: 89124
 Ion Ratio Lower Upper
 63 100
 98 7.8 3.6 10.8
 100 4.7 2.6 7.8

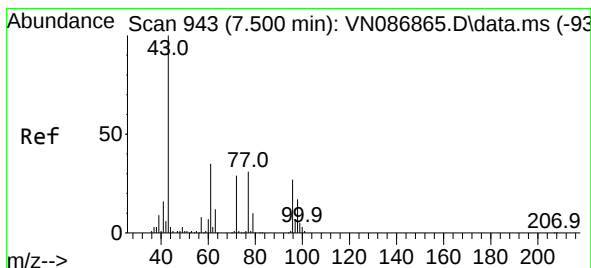
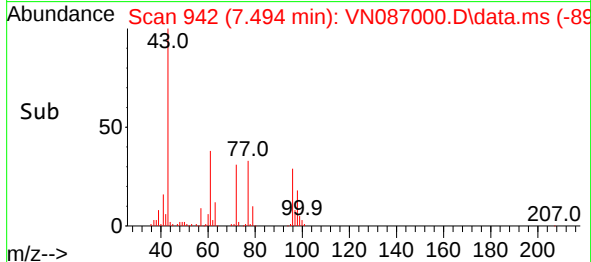
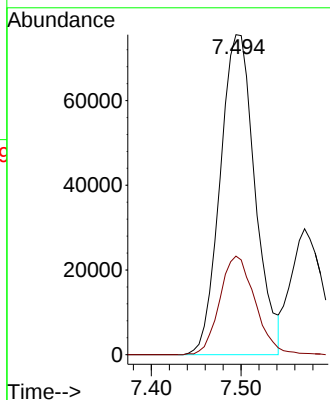
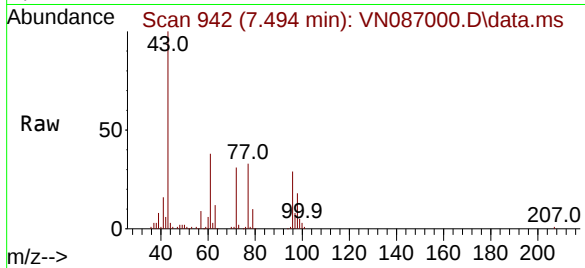




#25
2-Butanone
Concen: 91.238 ug/l
RT: 7.494 min Scan# 942
Delta R.T. -0.000 min
Lab File: VN087000.D
Acq: 13 Jun 2025 14:32

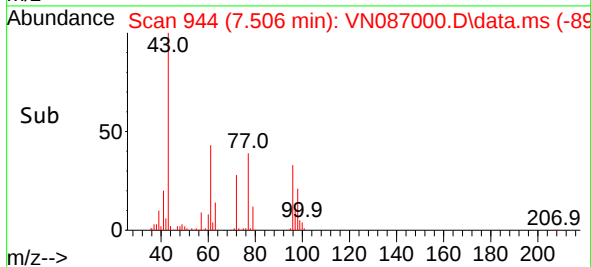
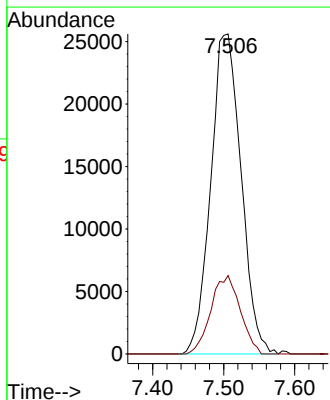
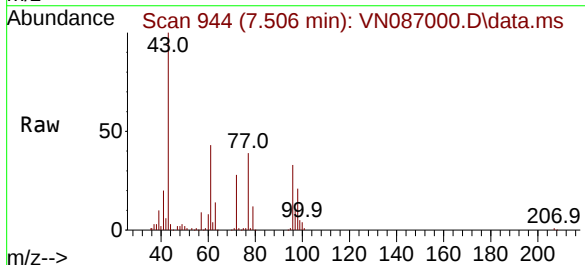
Instrument :
MSVOA_N
ClientSampleId :
VN0613WBS01

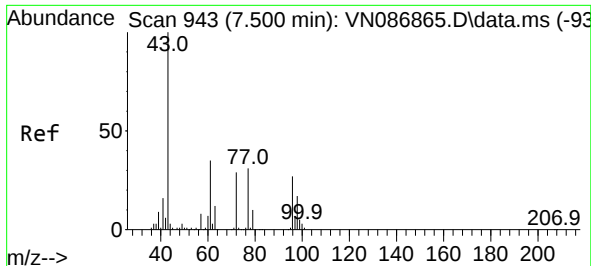
Tgt Ion: 43 Resp: 204093
Ion Ratio Lower Upper
43 100
72 30.8 23.0 34.6



#26
2,2-Dichloropropane
Concen: 22.511 ug/l
RT: 7.506 min Scan# 944
Delta R.T. 0.006 min
Lab File: VN087000.D
Acq: 13 Jun 2025 14:32

Tgt Ion: 77 Resp: 75997
Ion Ratio Lower Upper
77 100
97 23.7 11.6 34.7

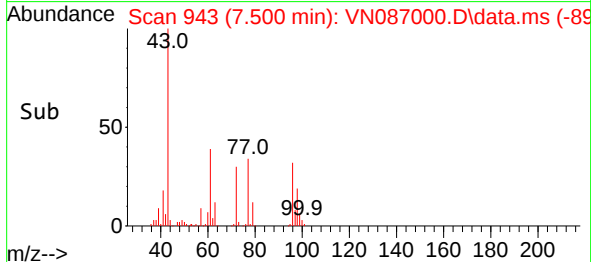
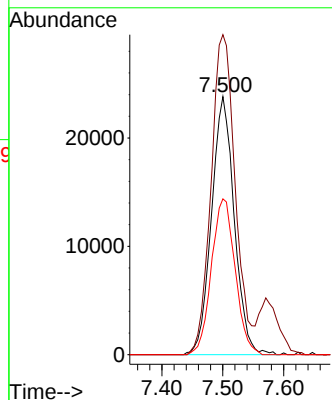
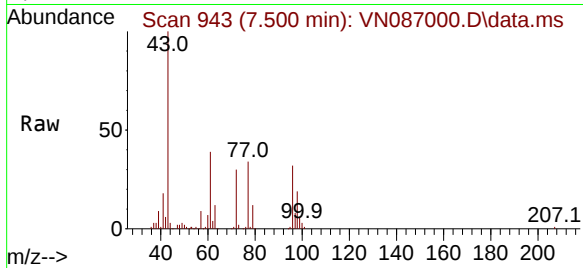




#27
 cis-1,2-Dichloroethene
 Concen: 21.544 ug/l
 RT: 7.500 min Scan# 943
 Delta R.T. -0.000 min
 Lab File: VN087000.D
 Acq: 13 Jun 2025 14:32

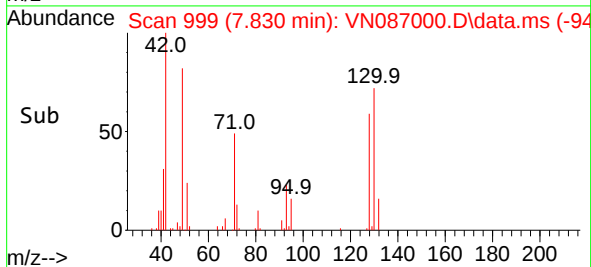
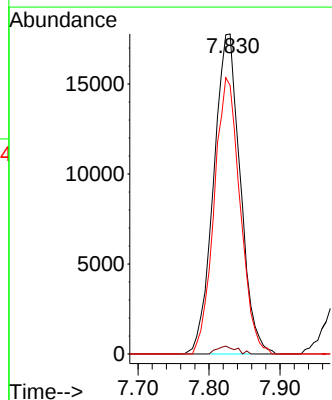
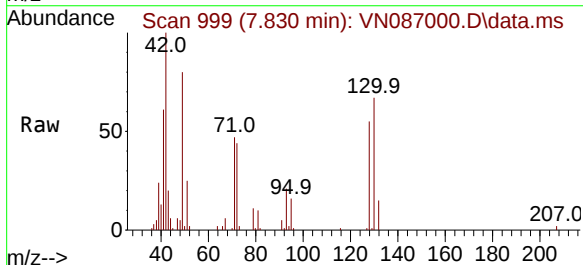
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0613WBS01

Tgt Ion: 96 Resp: 61840
 Ion Ratio Lower Upper
 96 100
 61 132.3 0.0 278.0
 98 63.1 0.0 128.2



#28
 Bromochloromethane
 Concen: 21.714 ug/l
 RT: 7.830 min Scan# 999
 Delta R.T. 0.006 min
 Lab File: VN087000.D
 Acq: 13 Jun 2025 14:32

Tgt Ion: 49 Resp: 46335
 Ion Ratio Lower Upper
 49 100
 129 1.8 0.0 3.8
 130 84.0 62.2 93.2





#29

Tetrahydrofuran

Concen: 93.364 ug/l

RT: 7.853 min Scan# 1003

Delta R.T. -0.000 min

Lab File: VN087000.D

Acq: 13 Jun 2025 14:32

Instrument :

MSVOA_N

ClientSampleId :

VN0613WBS01

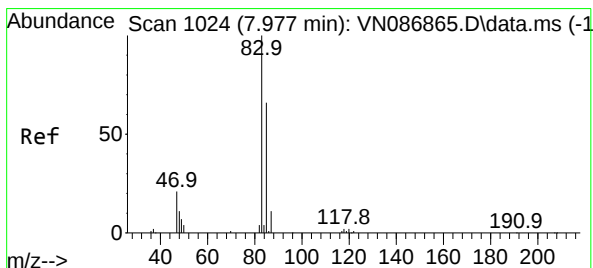
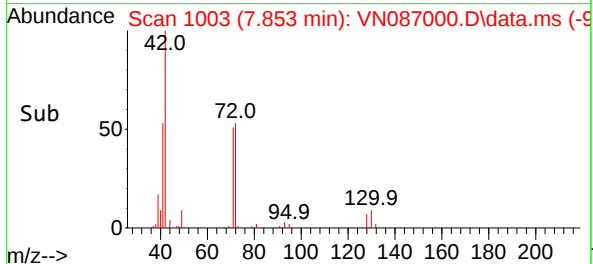
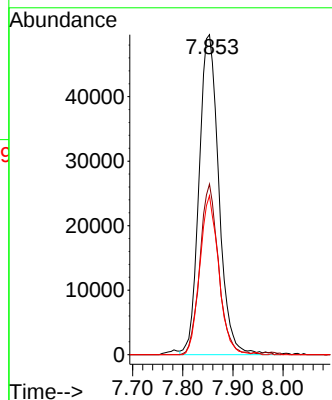
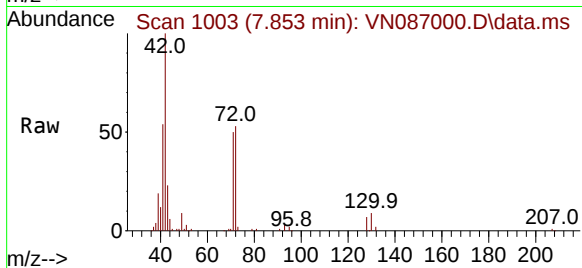
Tgt Ion: 42 Resp: 136050

Ion Ratio Lower Upper

42 100

72 50.3 37.8 56.6

71 47.4 35.6 53.4



#30

Chloroform

Concen: 20.502 ug/l

RT: 7.977 min Scan# 1024

Delta R.T. -0.000 min

Lab File: VN087000.D

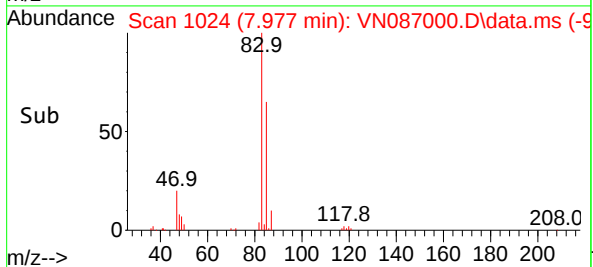
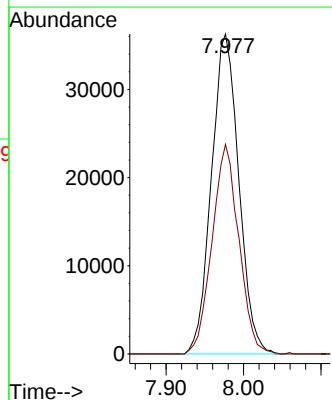
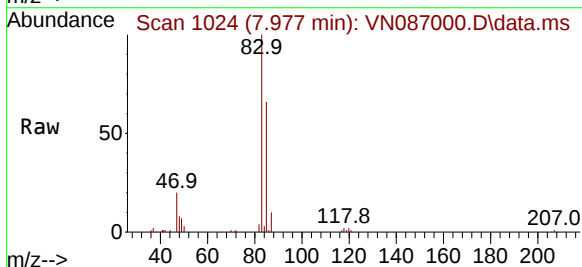
Acq: 13 Jun 2025 14:32

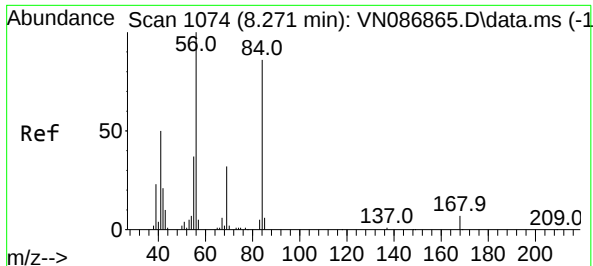
Tgt Ion: 83 Resp: 88860

Ion Ratio Lower Upper

83 100

85 65.5 52.9 79.3





#31

Cyclohexane

Concen: 19.727 ug/l

RT: 8.265 min Scan# 1073

Delta R.T. -0.006 min

Lab File: VN087000.D

Acq: 13 Jun 2025 14:32

Instrument :

MSVOA_N

ClientSampleId :

VN0613WBS01

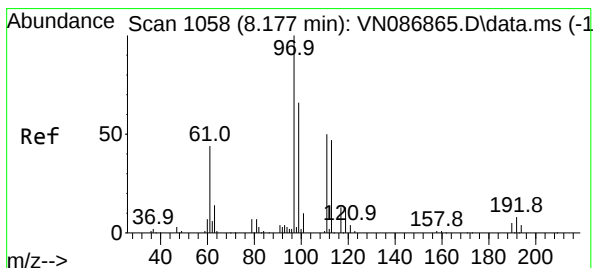
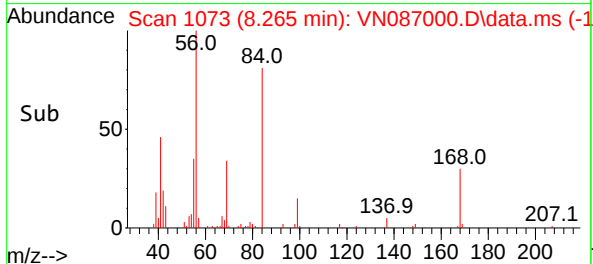
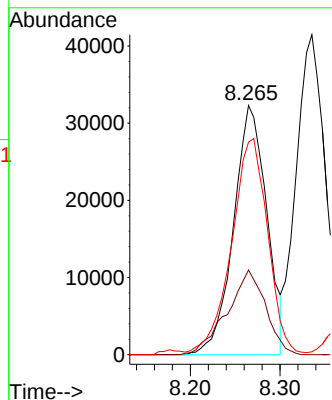
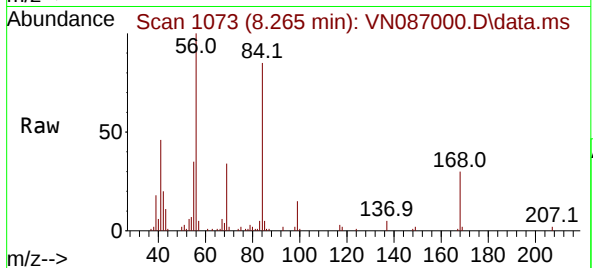
Tgt Ion: 56 Resp: 83030

Ion Ratio Lower Upper

56 100

69 33.9 25.4 38.0

84 83.8 68.8 103.2



#32

1,1,1-Trichloroethane

Concen: 20.337 ug/l

RT: 8.182 min Scan# 1059

Delta R.T. 0.006 min

Lab File: VN087000.D

Acq: 13 Jun 2025 14:32

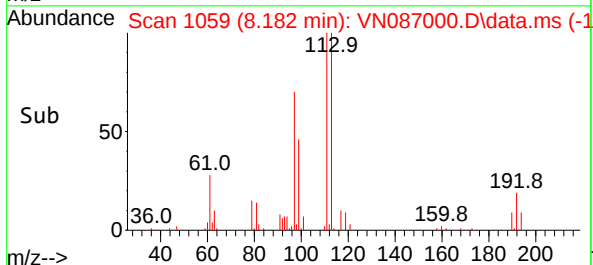
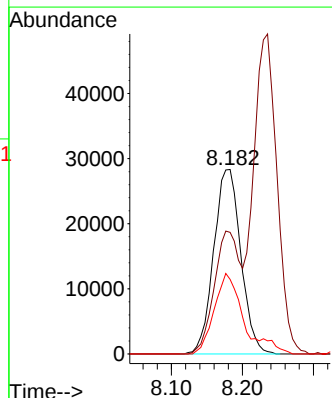
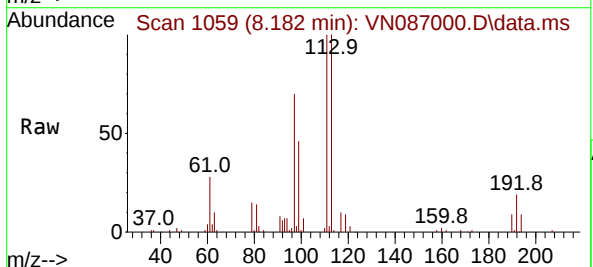
Tgt Ion: 97 Resp: 74968

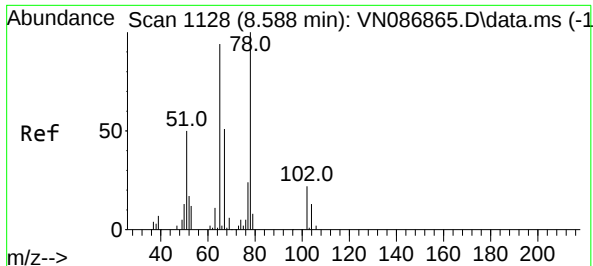
Ion Ratio Lower Upper

97 100

99 63.4 52.0 78.0

61 47.4 35.9 53.9





#33

1,2-Dichloroethane-d4

Concen: 46.519 ug/l

RT: 8.588 min Scan# 1128

Delta R.T. -0.000 min

Lab File: VN087000.D

Acq: 13 Jun 2025 14:32

Instrument :

MSVOA_N

ClientSampleId :

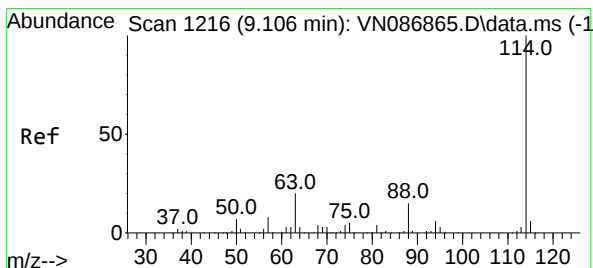
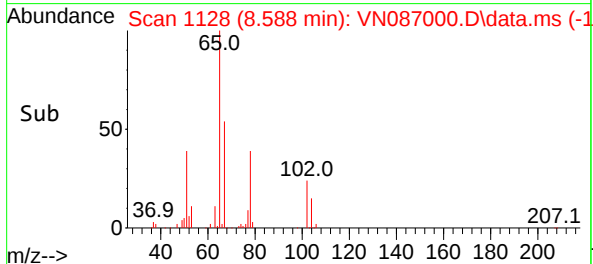
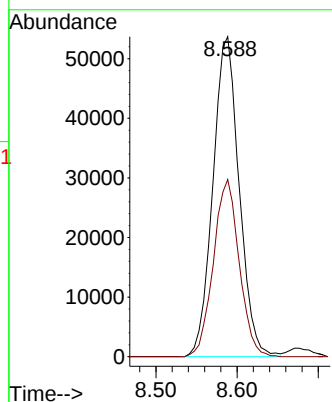
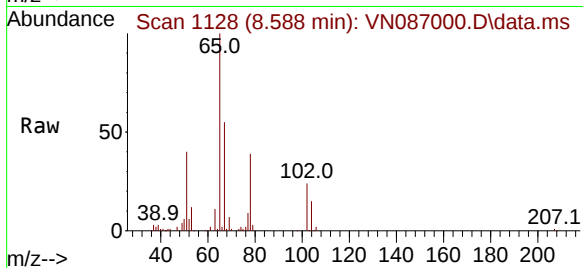
VN0613WBS01

Tgt Ion: 65 Resp: 120719

Ion Ratio Lower Upper

65 100

67 54.3 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: VN087000.D

Acq: 13 Jun 2025 14:32

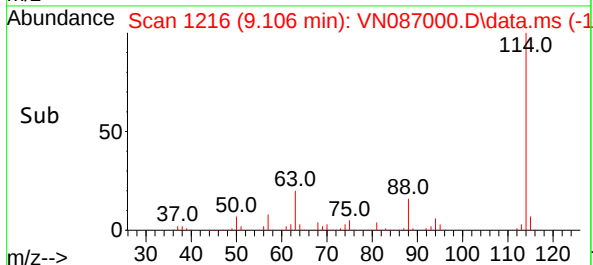
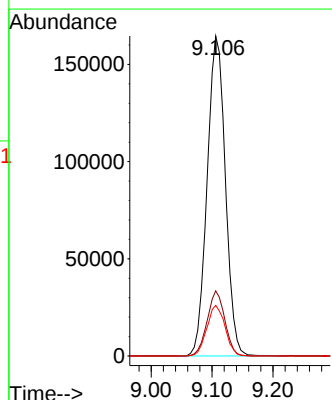
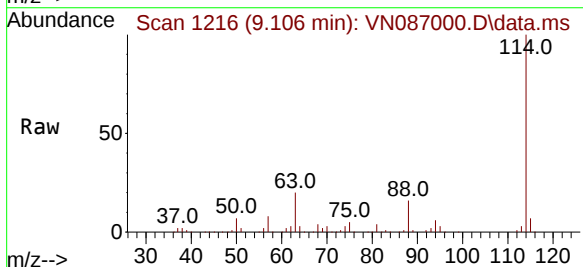
Tgt Ion: 114 Resp: 342767

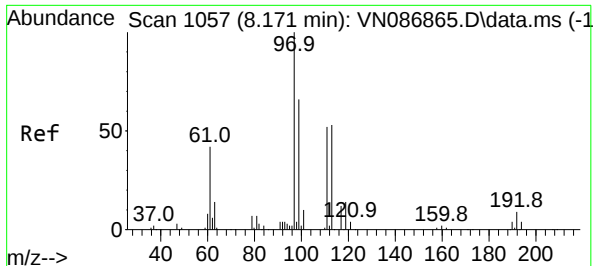
Ion Ratio Lower Upper

114 100

63 20.4 0.0 39.6

88 15.8 0.0 30.2





#35

Dibromofluoromethane

Concen: 51.333 ug/l

RT: 8.177 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN087000.D

Acq: 13 Jun 2025 14:32

Instrument :

MSVOA_N

ClientSampleId :

VN0613WBS01

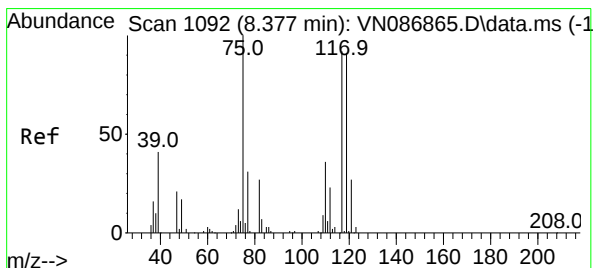
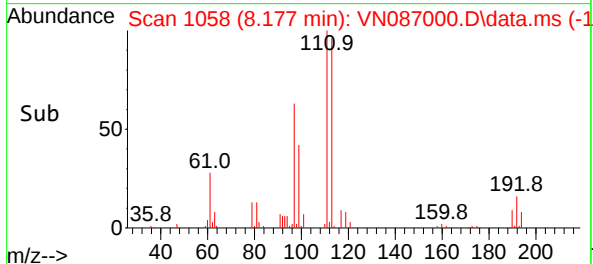
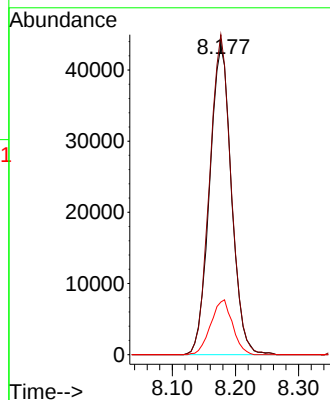
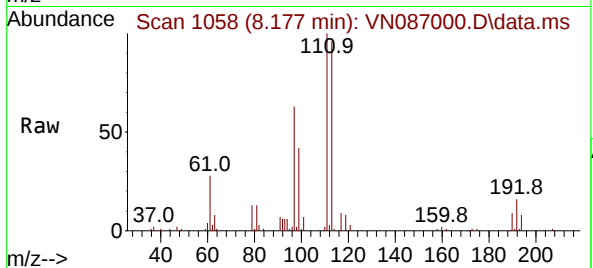
Tgt Ion:113 Resp: 104273

Ion Ratio Lower Upper

113 100

111 102.0 84.2 126.2

192 17.7 14.2 21.4



#36

1,1-Dichloropropene

Concen: 21.920 ug/l

RT: 8.382 min Scan# 1093

Delta R.T. 0.006 min

Lab File: VN087000.D

Acq: 13 Jun 2025 14:32

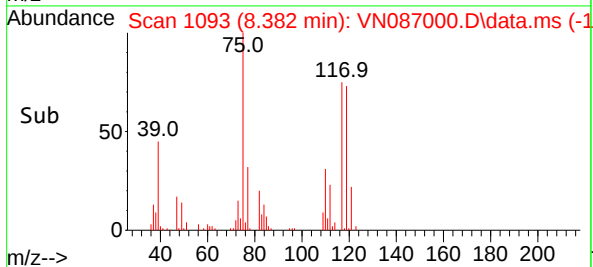
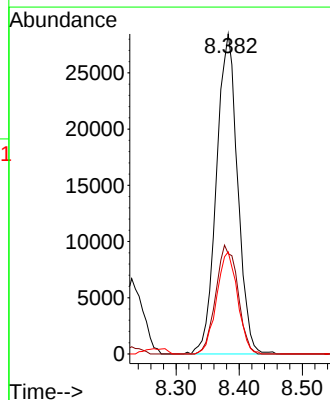
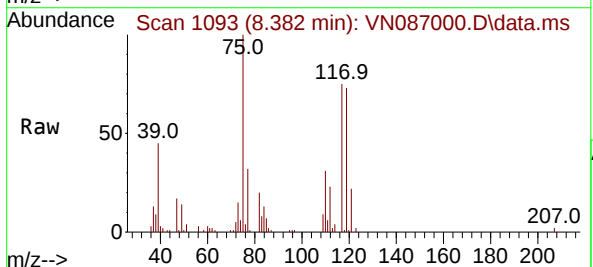
Tgt Ion: 75 Resp: 66350

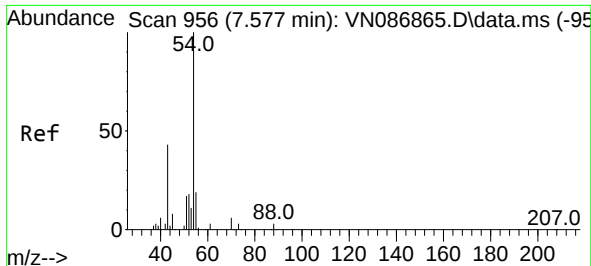
Ion Ratio Lower Upper

75 100

110 35.3 17.6 52.9

77 31.6 25.3 37.9

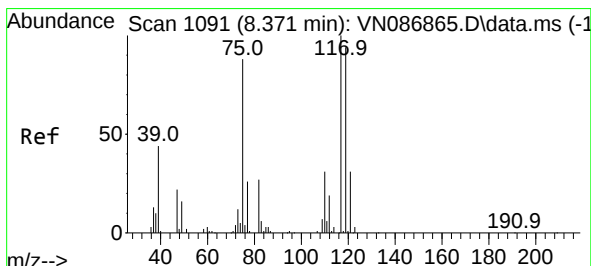
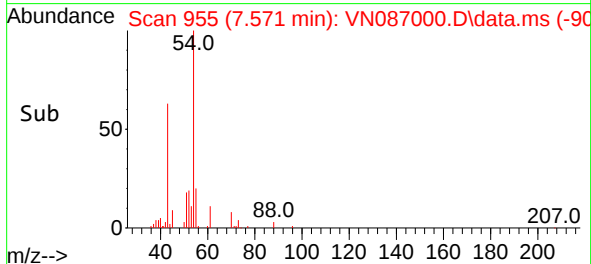
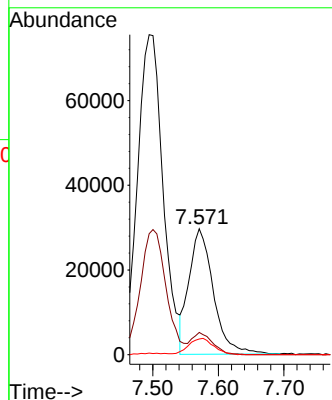
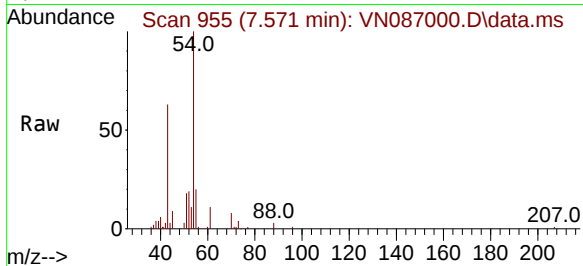




#37
Ethyl Acetate
Concen: 19.890 ug/l
RT: 7.571 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN087000.D
Acq: 13 Jun 2025 14:32

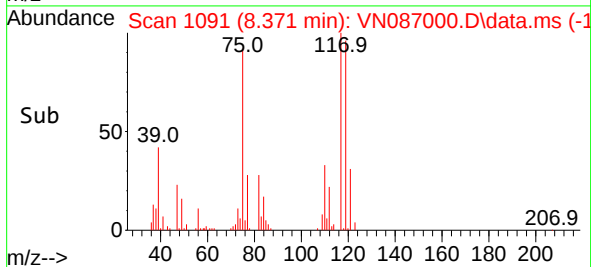
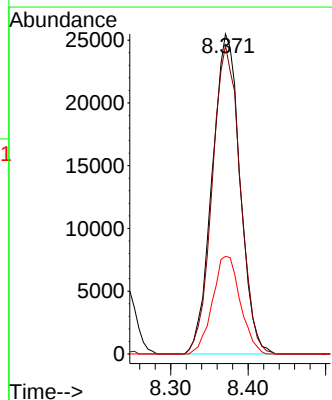
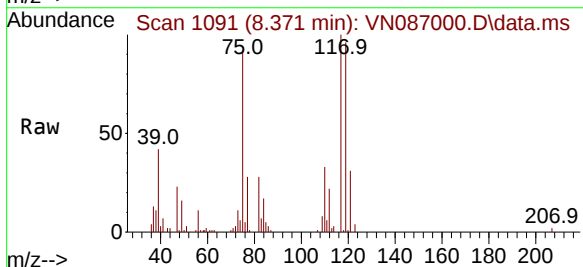
Instrument :
MSVOA_N
ClientSampleId :
VN0613WBS01

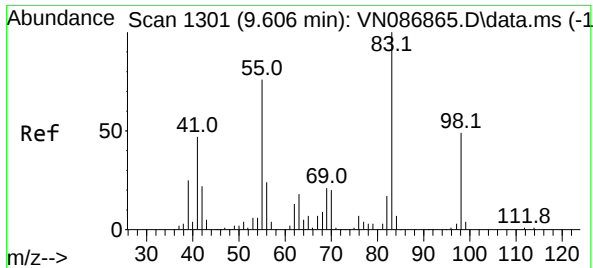
Tgt Ion: 43 Resp: 76639
Ion Ratio Lower Upper
43 100
61 14.7 12.1 18.1
70 13.5 9.8 14.6



#38
Carbon Tetrachloride
Concen: 21.401 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.000 min
Lab File: VN087000.D
Acq: 13 Jun 2025 14:32

Tgt Ion: 117 Resp: 63596
Ion Ratio Lower Upper
117 100
119 96.4 75.0 112.6
121 30.5 24.9 37.3





#39

Methylcyclohexane

Concen: 19.176 ug/l

RT: 9.606 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN087000.D

Acq: 13 Jun 2025 14:32

Instrument :

MSVOA_N

ClientSampleId :

VN0613WBS01

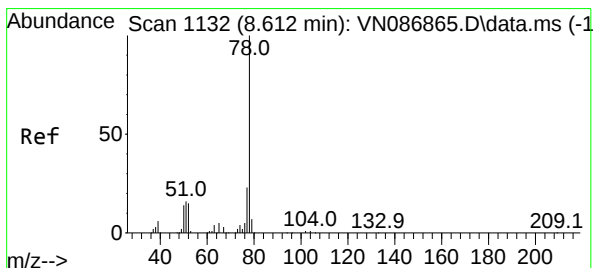
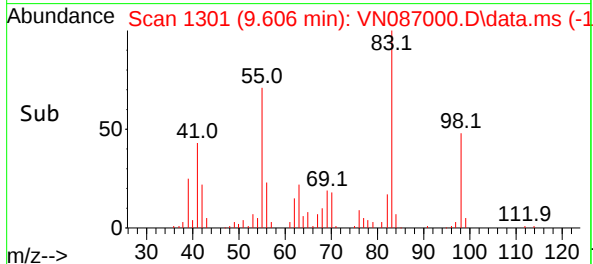
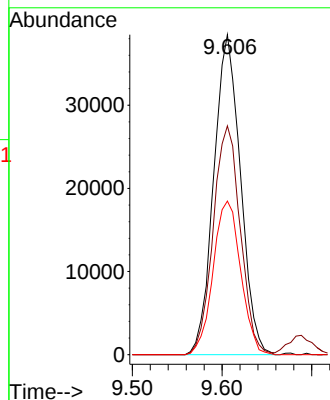
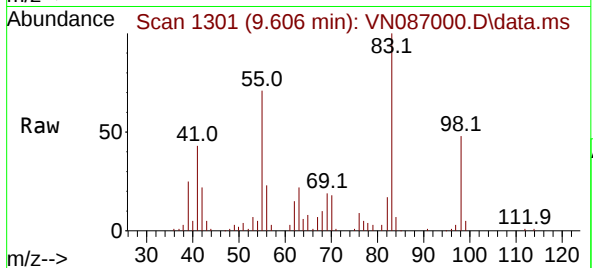
Tgt Ion: 83 Resp: 79523

Ion Ratio Lower Upper

83 100

55 71.5 61.0 91.6

98 48.0 38.9 58.3



#40

Benzene

Concen: 21.476 ug/l

RT: 8.618 min Scan# 1133

Delta R.T. 0.006 min

Lab File: VN087000.D

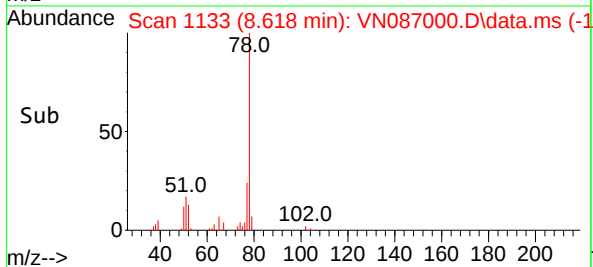
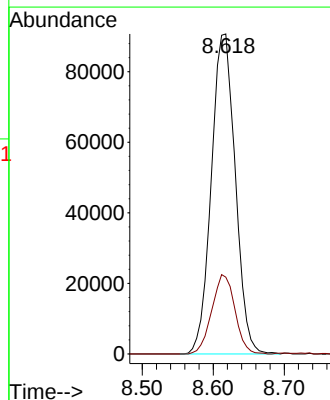
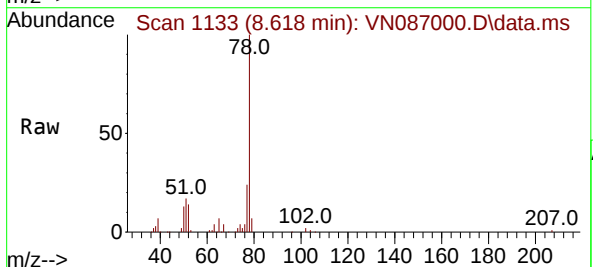
Acq: 13 Jun 2025 14:32

Tgt Ion: 78 Resp: 212565

Ion Ratio Lower Upper

78 100

77 24.0 18.7 28.1

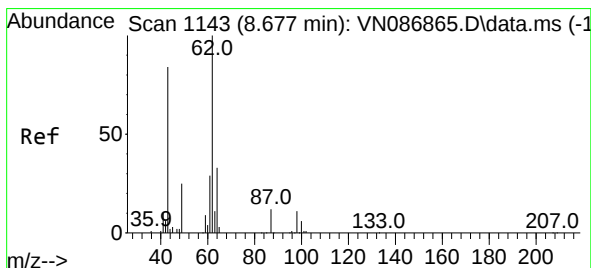
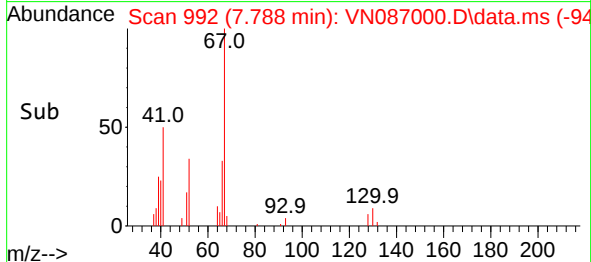
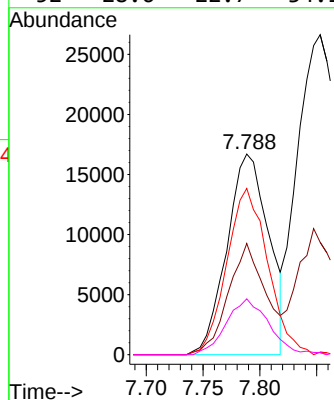
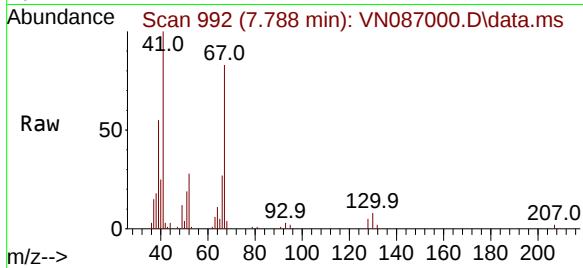




#41
Methacrylonitrile
Concen: 19.746 ug/l
RT: 7.788 min Scan# 992
Delta R.T. -0.000 min
Lab File: VN087000.D
Acq: 13 Jun 2025 14:32

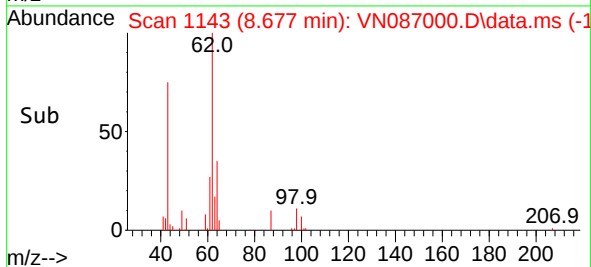
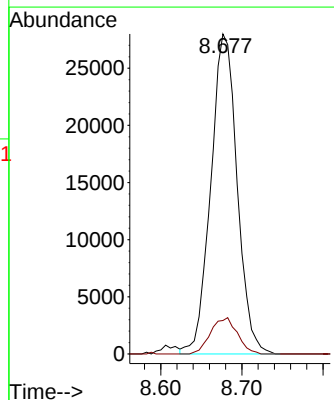
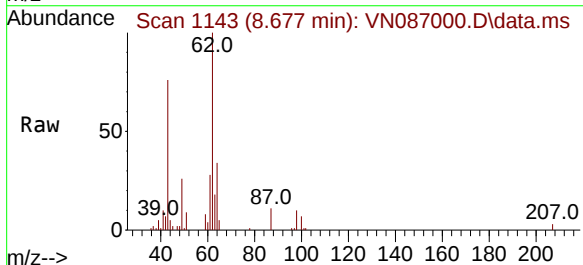
Instrument :
MSVOA_N
ClientSampleId :
VN0613WBS01

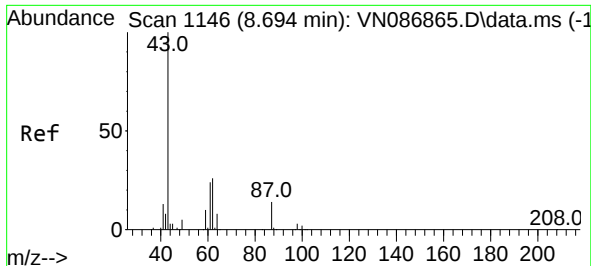
Tgt Ion:	41	Resp:	42730
Ion	Ratio	Lower	Upper
41	100		
39	49.6	41.2	61.8
67	81.7	61.4	92.2
52	28.6	22.7	34.1



#42
1,2-Dichloroethane
Concen: 21.085 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN087000.D
Acq: 13 Jun 2025 14:32

Tgt Ion:	62	Resp:	63301
Ion	Ratio	Lower	Upper
62	100		
98	11.5	0.0	21.2

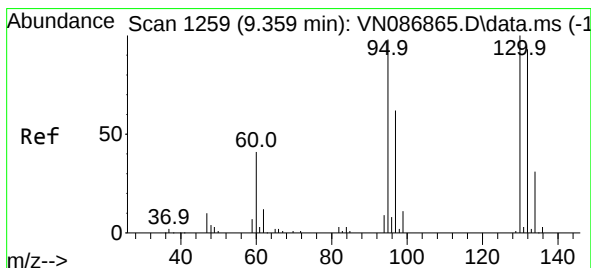
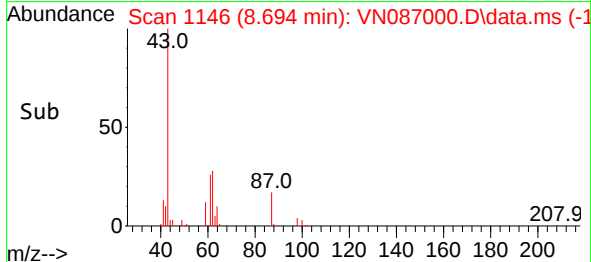
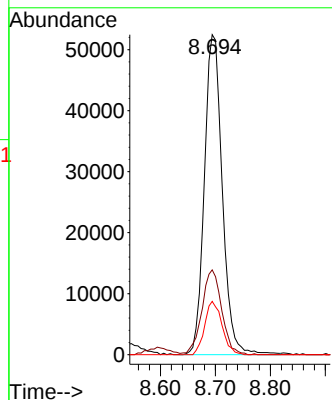
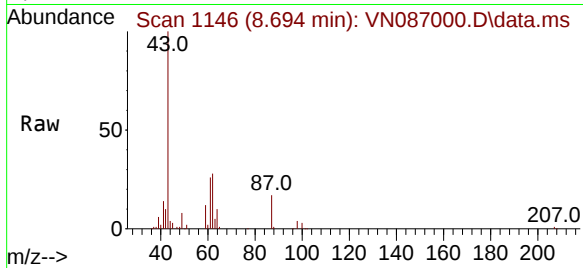




#43
Isopropyl Acetate
Concen: 19.266 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VN087000.D
Acq: 13 Jun 2025 14:32

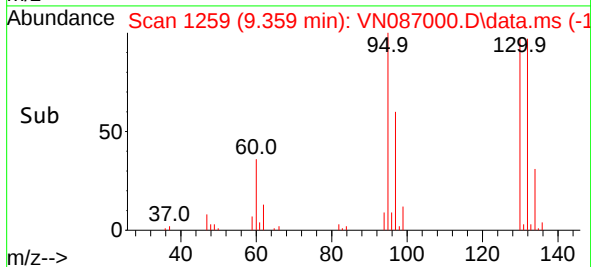
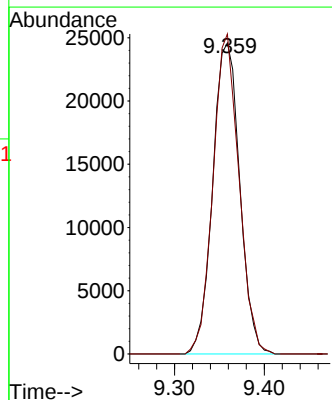
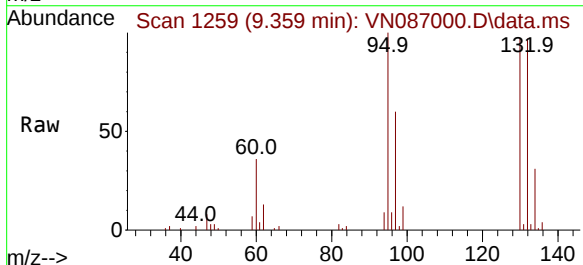
Instrument :
MSVOA_N
ClientSampleId :
VN0613WBS01

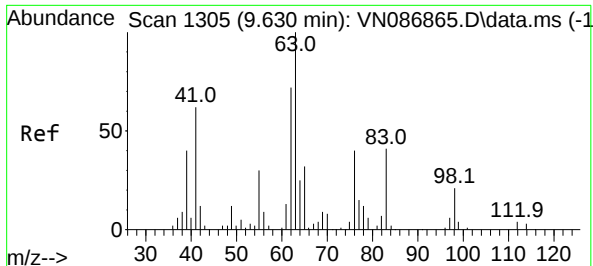
Tgt Ion: 43 Resp: 119151
Ion Ratio Lower Upper
43 100
61 29.2 22.1 33.1
87 16.0 11.8 17.6



#44
Trichloroethene
Concen: 21.858 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VN087000.D
Acq: 13 Jun 2025 14:32

Tgt Ion: 130 Resp: 51301
Ion Ratio Lower Upper
130 100
95 102.9 0.0 196.2





#45

1,2-Dichloropropane

Concen: 20.928 ug/l

RT: 9.629 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN087000.D

Acq: 13 Jun 2025 14:32

Instrument :

MSVOA_N

ClientSampleId :

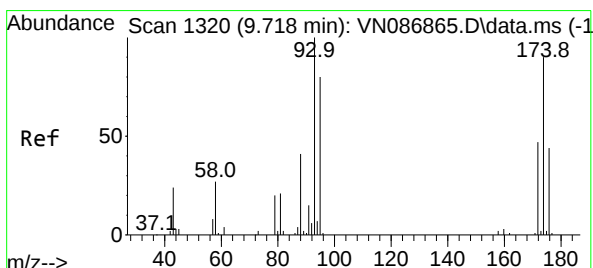
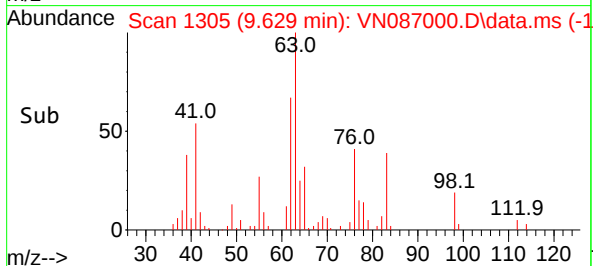
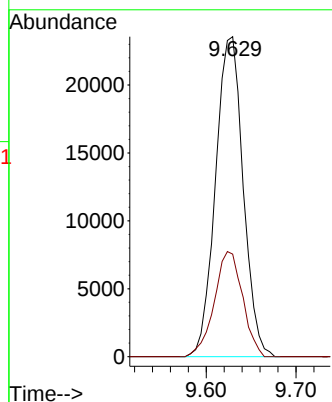
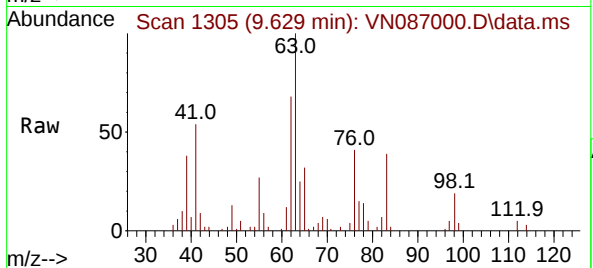
VN0613WBS01

Tgt Ion: 63 Resp: 50395

Ion Ratio Lower Upper

63 100

65 32.1 25.5 38.3



#46

Dibromomethane

Concen: 22.048 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.006 min

Lab File: VN087000.D

Acq: 13 Jun 2025 14:32

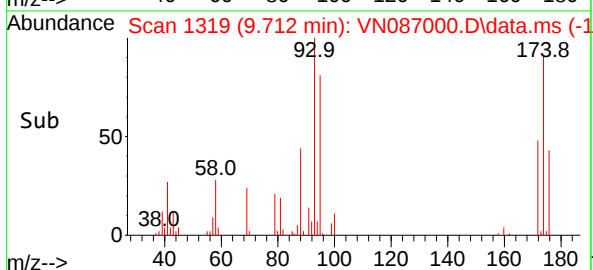
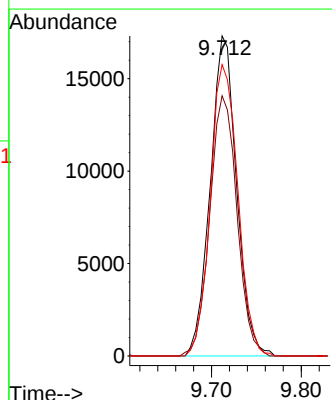
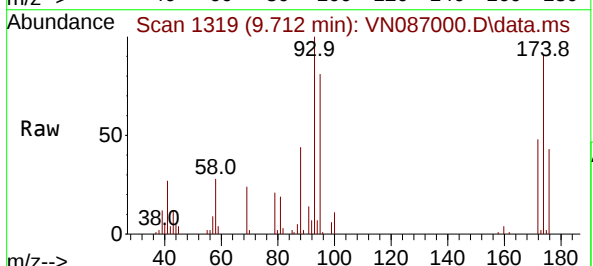
Tgt Ion: 93 Resp: 35265

Ion Ratio Lower Upper

93 100

95 83.9 67.1 100.7

174 94.8 74.2 111.4

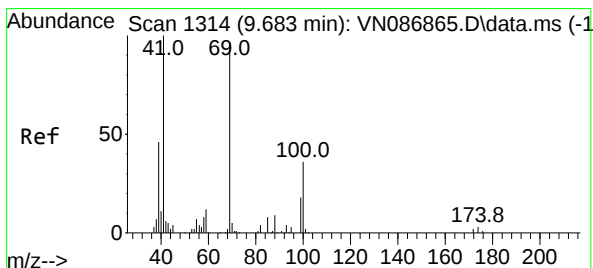
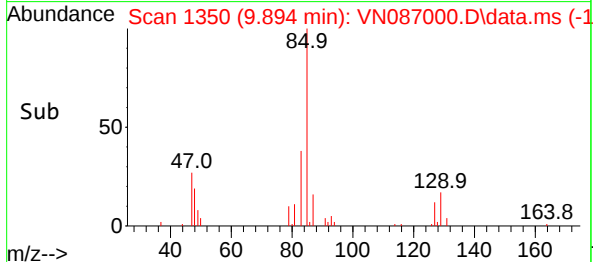
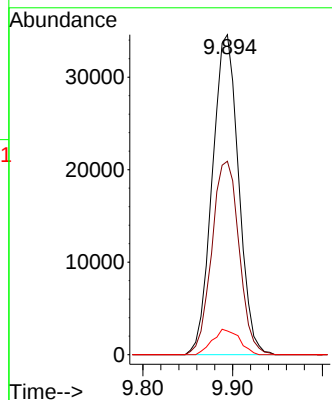
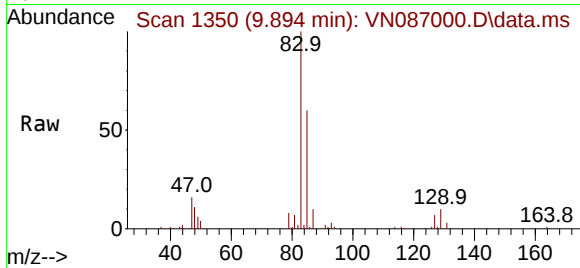




#47
Bromodichloromethane
Concen: 21.365 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. -0.000 min
Lab File: VN087000.D
Acq: 13 Jun 2025 14:32

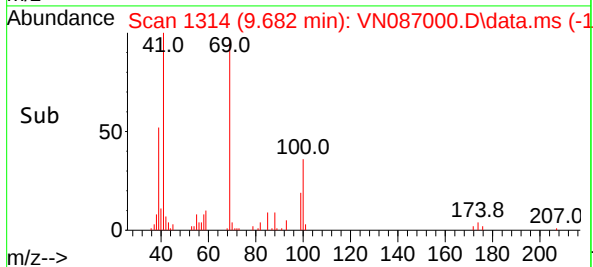
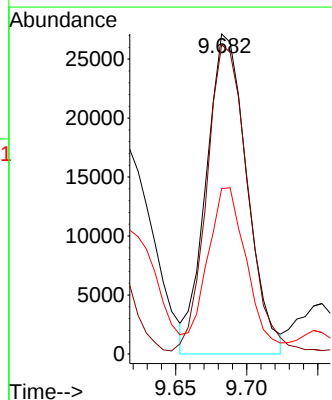
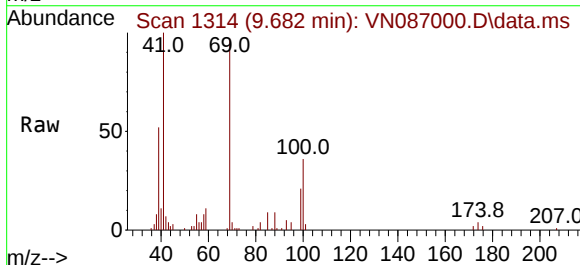
Instrument :
MSVOA_N
ClientSampleId :
VN0613WBS01

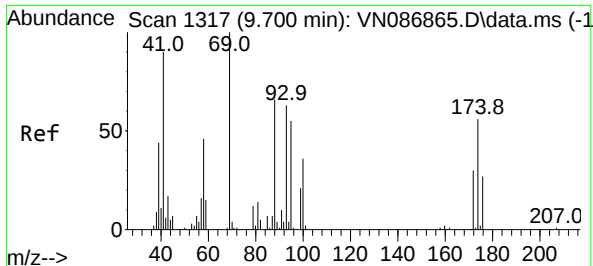
Tgt Ion: 83 Resp: 70308
Ion Ratio Lower Upper
83 100
85 60.4 50.9 76.3
127 7.4 6.6 10.0



#48
Methyl methacrylate
Concen: 19.036 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VN087000.D
Acq: 13 Jun 2025 14:32

Tgt Ion: 41 Resp: 54185
Ion Ratio Lower Upper
41 100
69 99.0 74.6 112.0
39 51.0 40.2 60.4





#49

1,4-Dioxane

Concen: 415.962 ug/l

RT: 9.706 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN087000.D

Acq: 13 Jun 2025 14:32

Instrument :

MSVOA_N

ClientSampleId :

VN0613WBS01

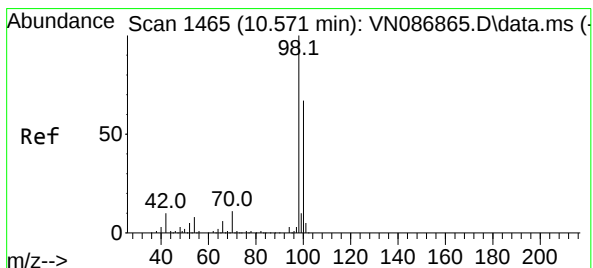
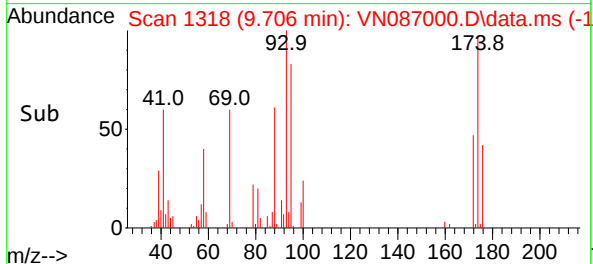
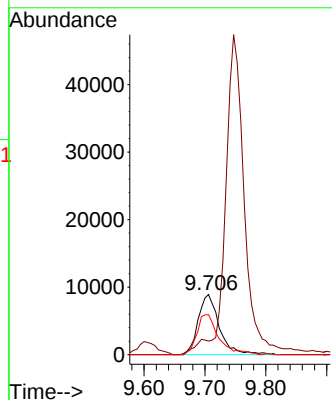
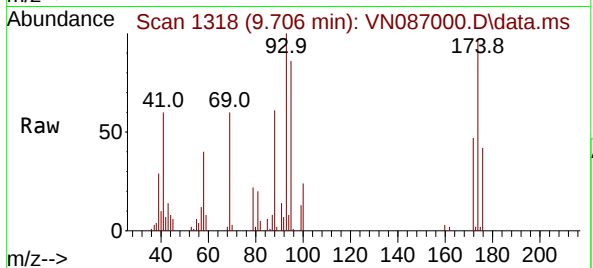
Tgt Ion: 88 Resp: 21540

Ion Ratio Lower Upper

88 100

43 17.4 0.0 0.0#

58 68.3 57.7 86.5



#50

Toluene-d8

Concen: 48.506 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. -0.000 min

Lab File: VN087000.D

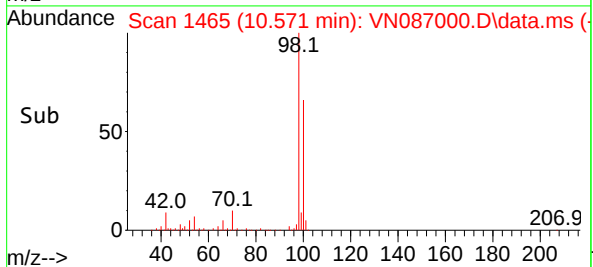
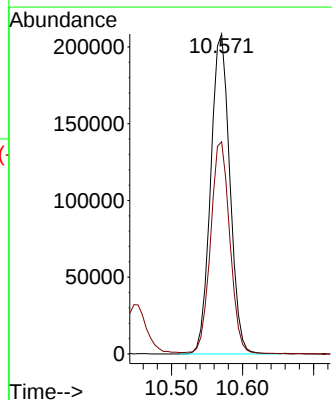
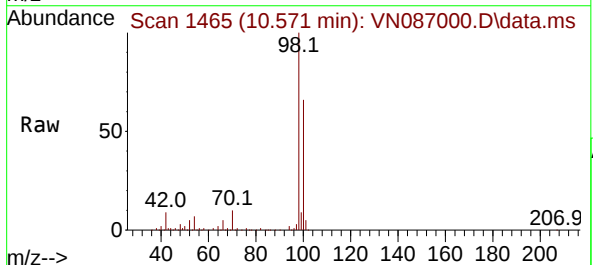
Acq: 13 Jun 2025 14:32

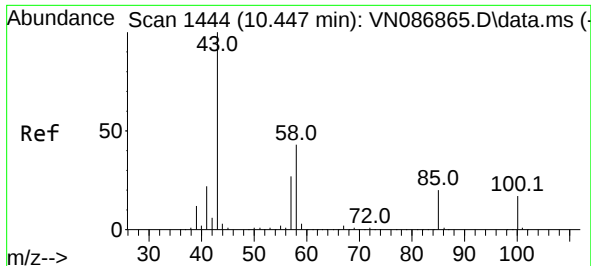
Tgt Ion: 98 Resp: 390057

Ion Ratio Lower Upper

98 100

100 67.0 53.4 80.0

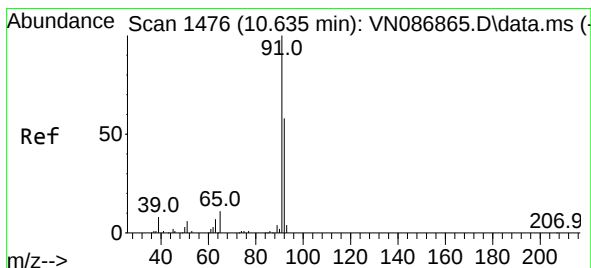
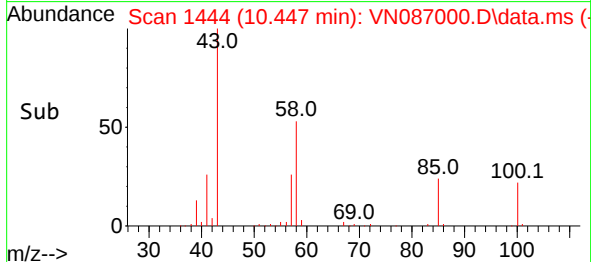
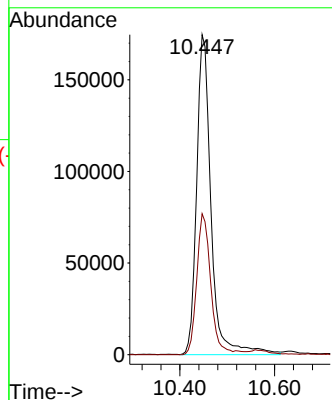
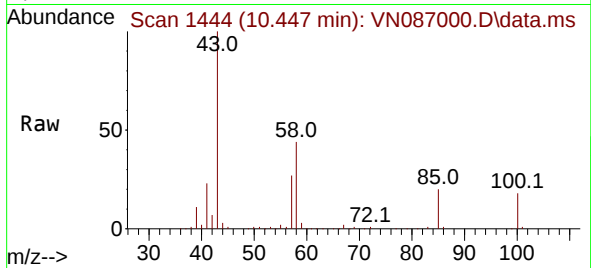




#51
4-Methyl-2-Pentanone
Concen: 99.165 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN087000.D
Acq: 13 Jun 2025 14:32

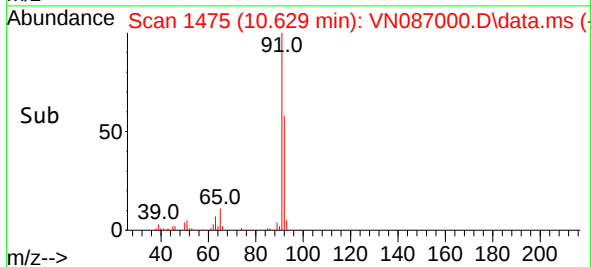
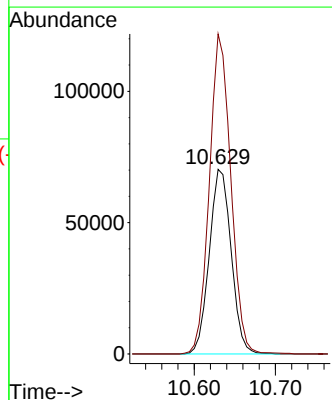
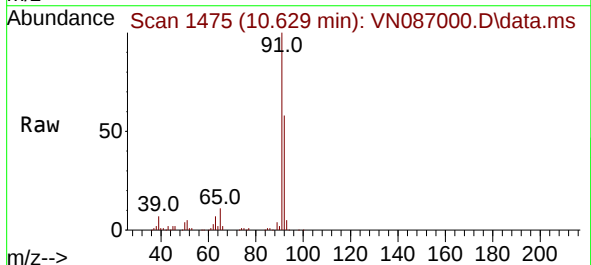
Instrument :
MSVOA_N
ClientSampleId :
VN0613WBS01

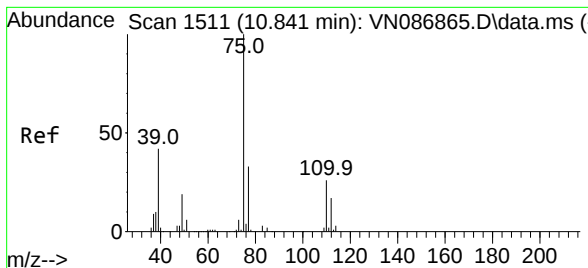
Tgt Ion: 43 Resp: 369197
Ion Ratio Lower Upper
43 100
58 42.4 34.2 51.4



#52
Toluene
Concen: 21.764 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VN087000.D
Acq: 13 Jun 2025 14:32

Tgt Ion: 92 Resp: 131650
Ion Ratio Lower Upper
92 100
91 169.7 136.5 204.7

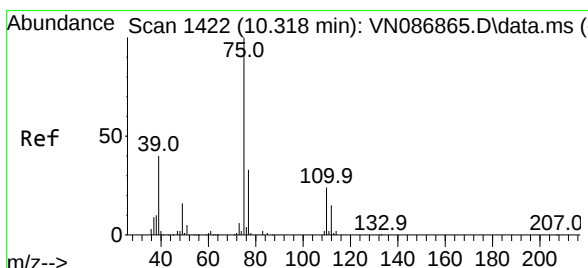
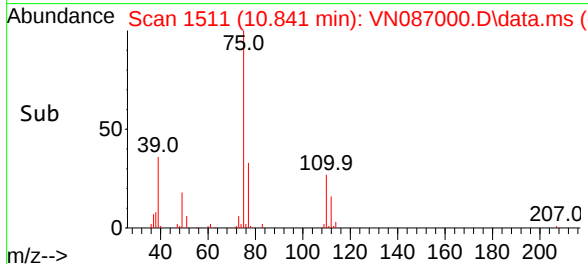
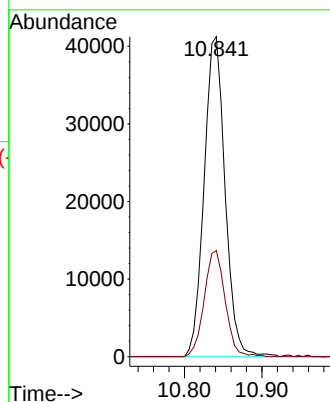
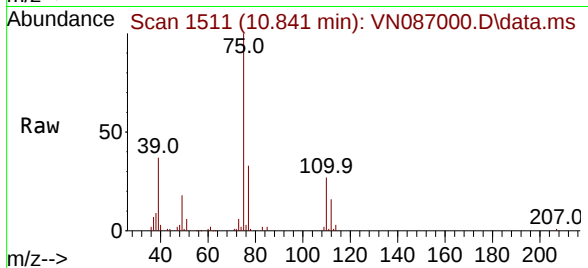




#53
t-1,3-Dichloropropene
Concen: 21.076 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VN087000.D
Acq: 13 Jun 2025 14:32

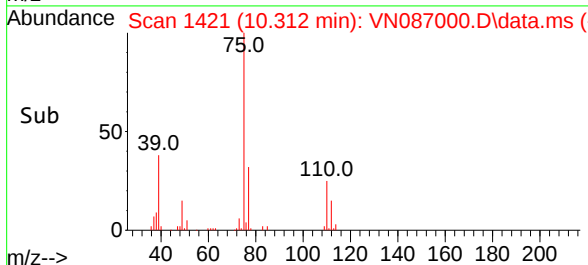
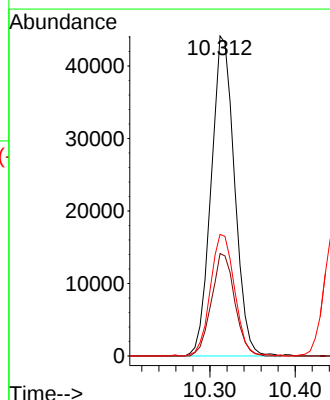
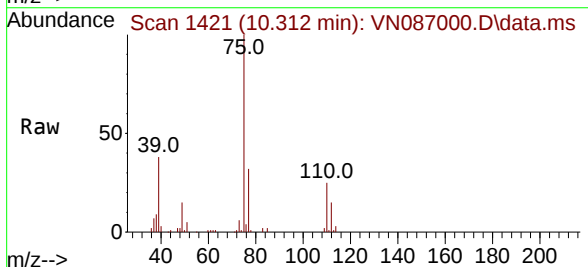
Instrument :
MSVOA_N
ClientSampleId :
VN0613WBS01

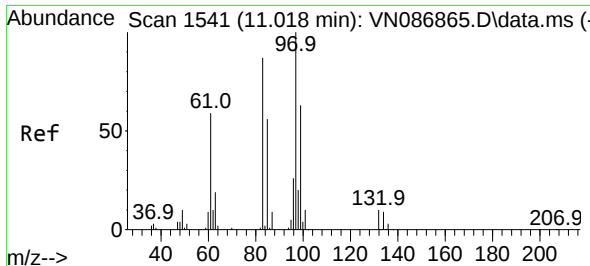
Tgt Ion: 75 Resp: 77555
Ion Ratio Lower Upper
75 100
77 33.2 26.4 39.6



#54
cis-1,3-Dichloropropene
Concen: 21.333 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. -0.006 min
Lab File: VN087000.D
Acq: 13 Jun 2025 14:32

Tgt Ion: 75 Resp: 83996
Ion Ratio Lower Upper
75 100
77 32.0 26.2 39.4
39 38.0 32.3 48.5

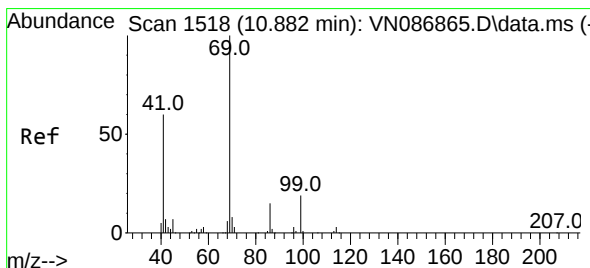
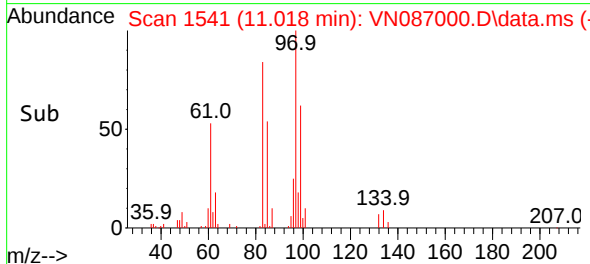
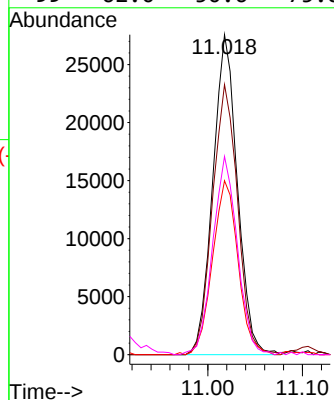
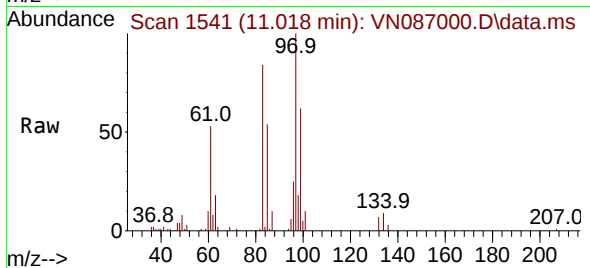




#55
1,1,2-Trichloroethane
Concen: 21.297 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. -0.000 min
Lab File: VN087000.D
Acq: 13 Jun 2025 14:32

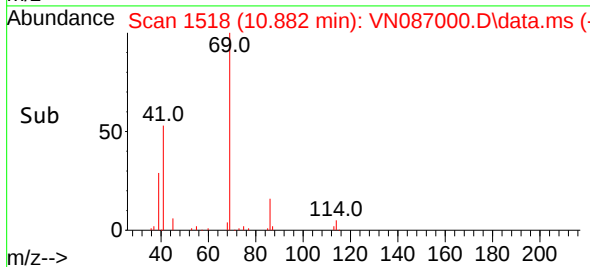
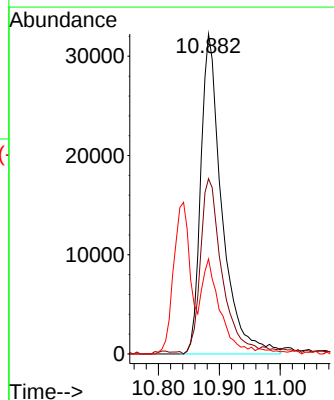
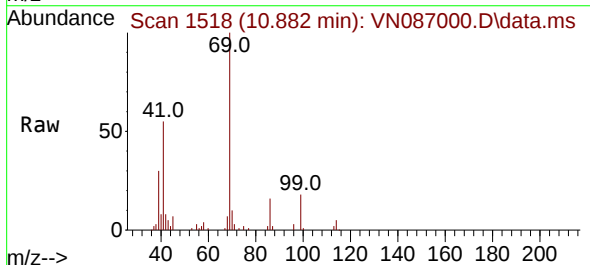
Instrument :
MSVOA_N
ClientSampleId :
VN0613WBS01

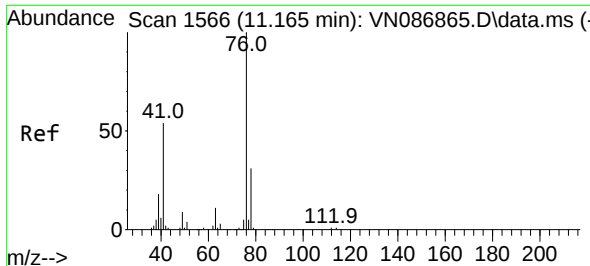
Tgt Ion:	97	Resp:	49569
Ion	Ratio	Lower	Upper
97	100		
83	84.4	69.7	104.5
85	54.4	45.1	67.7
99	62.0	50.6	75.8



#56
Ethyl methacrylate
Concen: 20.928 ug/l
RT: 10.882 min Scan# 1518
Delta R.T. -0.000 min
Lab File: VN087000.D
Acq: 13 Jun 2025 14:32

Tgt Ion:	69	Resp:	77585
Ion	Ratio	Lower	Upper
69	100		
41	56.0	47.2	70.8
39	25.5	23.0	34.6





#57

1,3-Dichloropropane

Concen: 21.141 ug/l

RT: 11.165 min Scan# 1566

Delta R.T. -0.000 min

Lab File: VN087000.D

Acq: 13 Jun 2025 14:32

Instrument :

MSVOA_N

ClientSampleId :

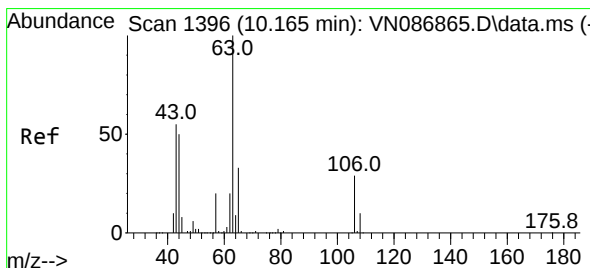
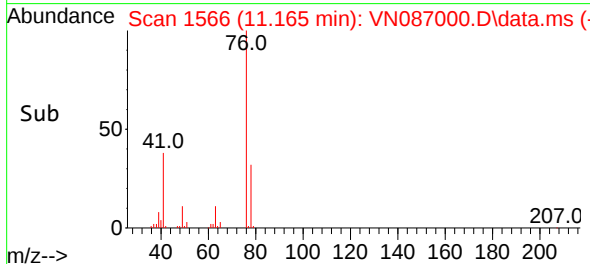
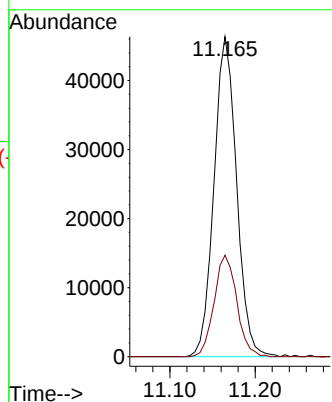
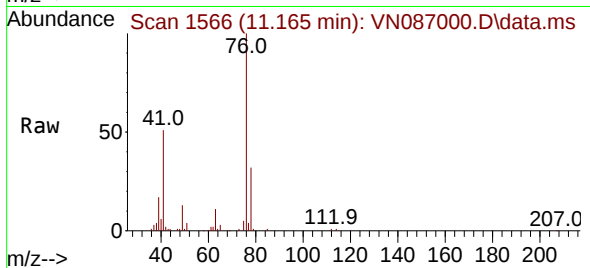
VN0613WBS01

Tgt Ion: 76 Resp: 85360

Ion Ratio Lower Upper

76 100

78 31.8 25.3 37.9



#58

2-Chloroethyl Vinyl ether

Concen: 94.760 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. -0.000 min

Lab File: VN087000.D

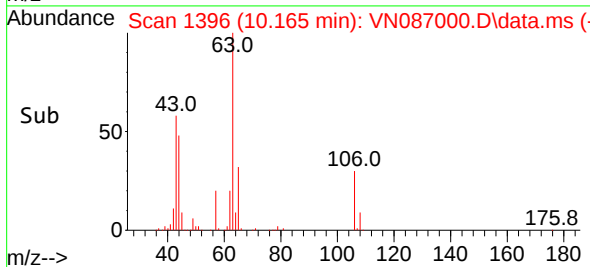
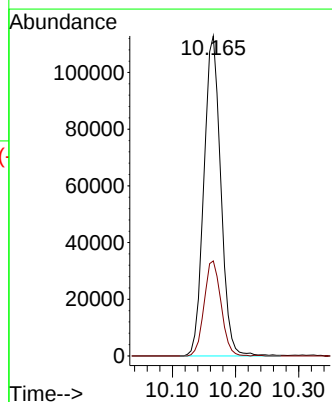
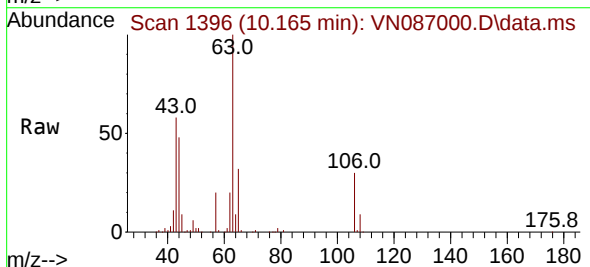
Acq: 13 Jun 2025 14:32

Tgt Ion: 63 Resp: 209528

Ion Ratio Lower Upper

63 100

106 29.7 23.0 34.6

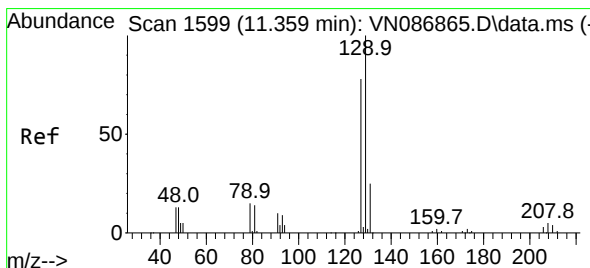
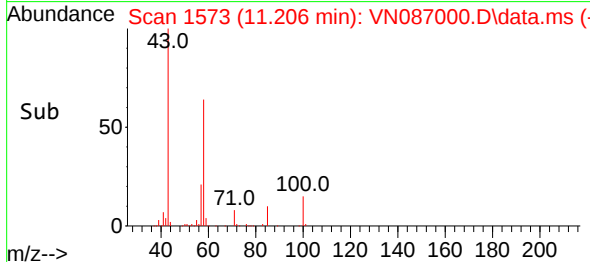
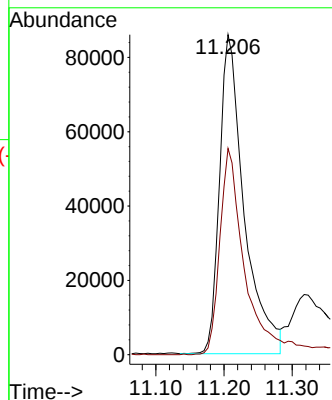
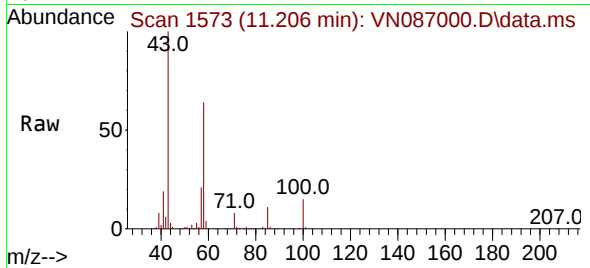




#59
2-Hexanone
Concen: 89.728 ug/l
RT: 11.206 min Scan# 1572
Delta R.T. 0.006 min
Lab File: VN087000.D
Acq: 13 Jun 2025 14:32

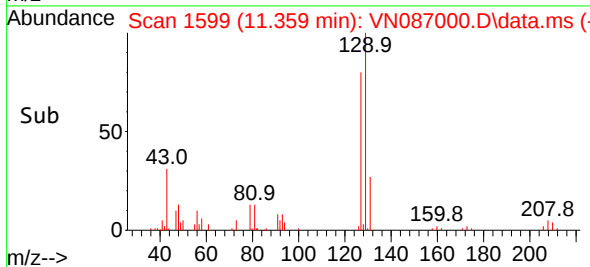
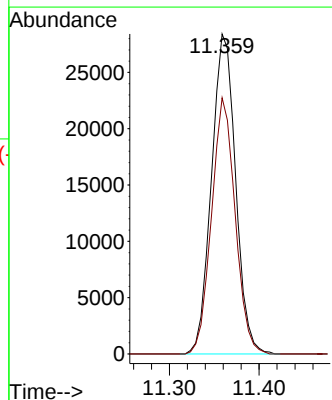
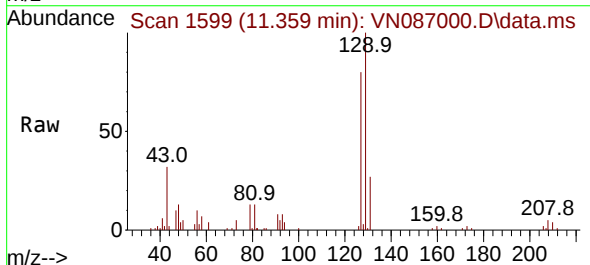
Instrument :
MSVOA_N
ClientSampleId :
VN0613WBS01

Tgt Ion: 43 Resp: 215181
Ion Ratio Lower Upper
43 100
58 66.2 30.4 91.3



#60
Dibromochloromethane
Concen: 21.878 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN087000.D
Acq: 13 Jun 2025 14:32

Tgt Ion: 129 Resp: 53055
Ion Ratio Lower Upper
129 100
127 78.3 38.6 115.8

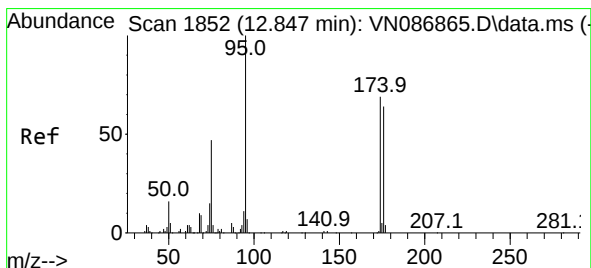
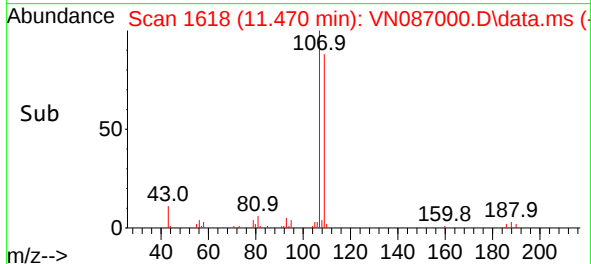
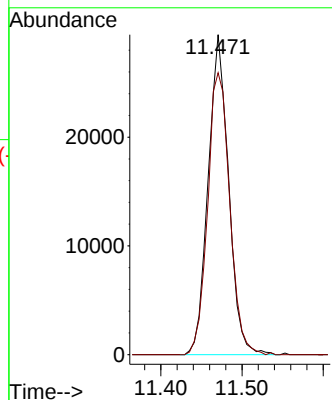
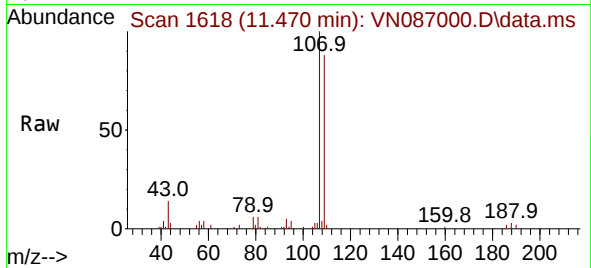




#61
1,2-Dibromoethane
Concen: 21.576 ug/l
RT: 11.470 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VN087000.D
Acq: 13 Jun 2025 14:32

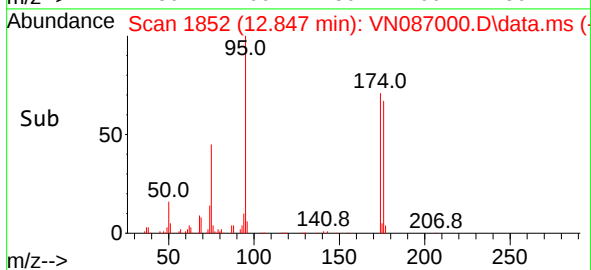
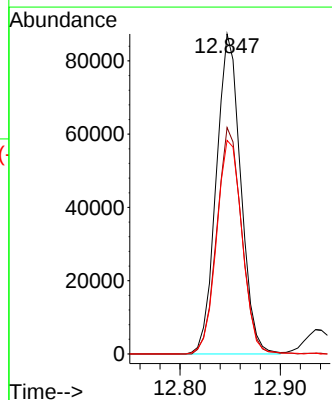
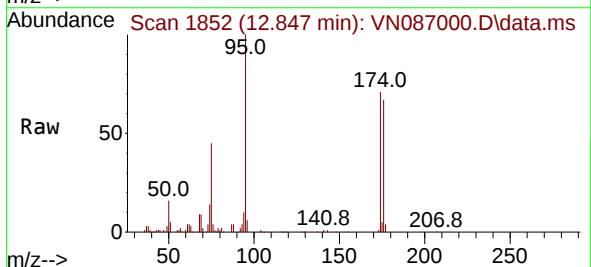
Instrument :
MSVOA_N
ClientSampleId :
VN0613WBS01

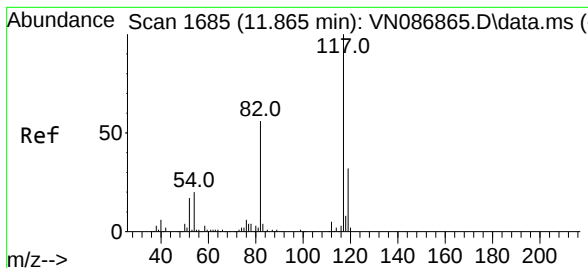
Tgt Ion:107 Resp: 51474
Ion Ratio Lower Upper
107 100
109 95.1 76.3 114.5



#62
4-Bromofluorobenzene
Concen: 49.545 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN087000.D
Acq: 13 Jun 2025 14:32

Tgt Ion: 95 Resp: 148021
Ion Ratio Lower Upper
95 100
174 71.7 0.0 141.8
176 69.9 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: VN087000.D

Acq: 13 Jun 2025 14:32

Instrument :

MSVOA_N

ClientSampleId :

VN0613WBS01

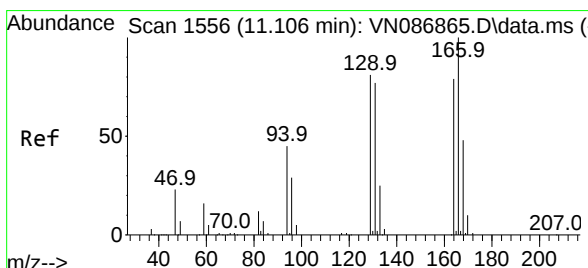
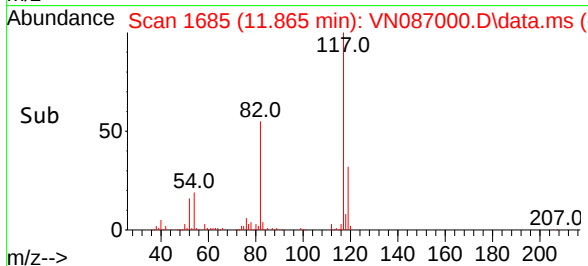
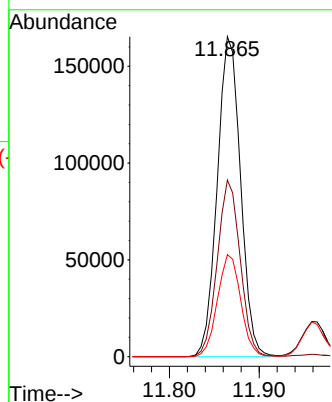
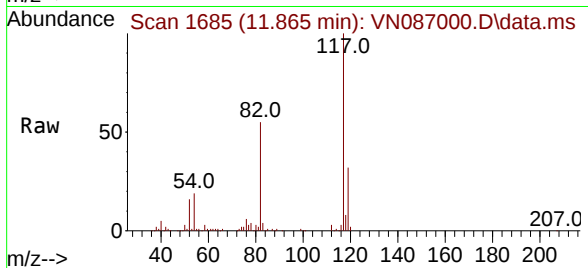
Tgt Ion:117 Resp: 297937

Ion Ratio Lower Upper

117 100

82 55.2 44.6 67.0

119 31.9 25.5 38.3



#64

Tetrachloroethene

Concen: 21.749 ug/l

RT: 11.106 min Scan# 1556

Delta R.T. -0.000 min

Lab File: VN087000.D

Acq: 13 Jun 2025 14:32

Tgt Ion:164 Resp: 41009

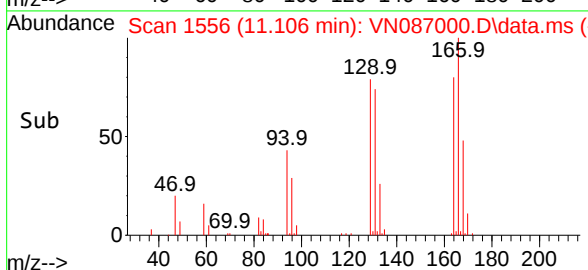
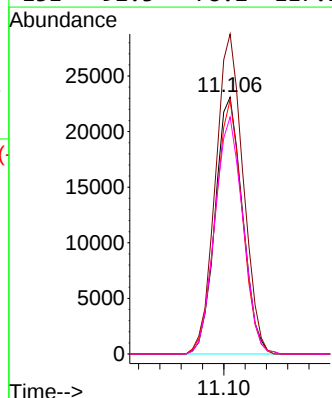
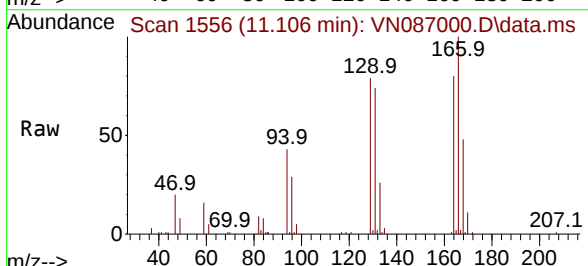
Ion Ratio Lower Upper

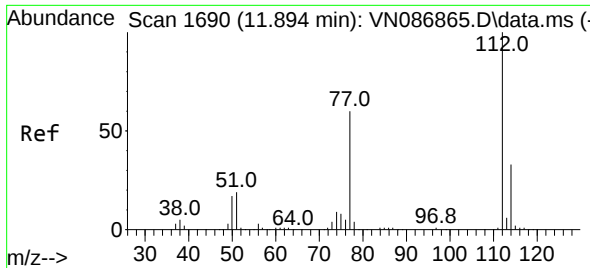
164 100

166 124.6 101.8 152.8

129 99.0 83.0 124.4

131 92.3 78.2 117.2

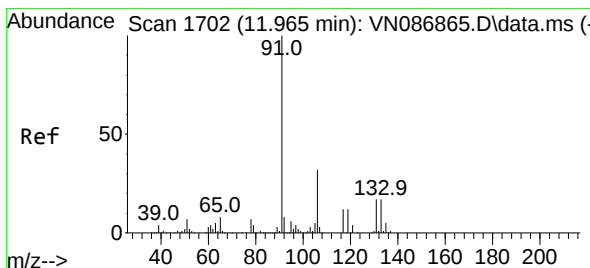
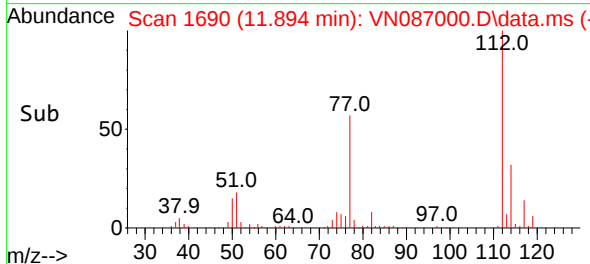
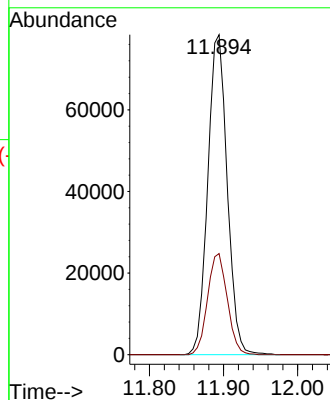
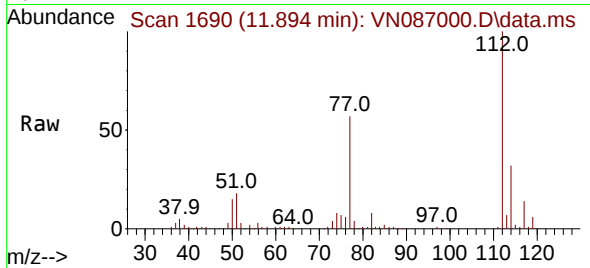




#65
Chlorobenzene
Concen: 21.690 ug/l
RT: 11.894 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN087000.D
Acq: 13 Jun 2025 14:32

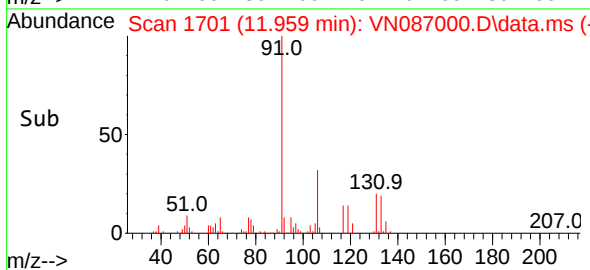
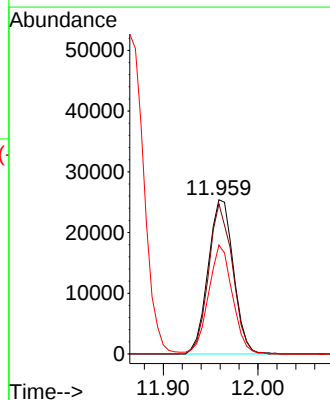
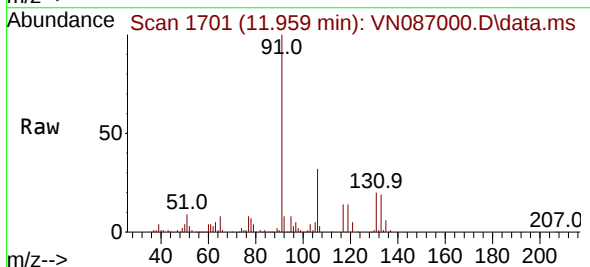
Instrument :
MSVOA_N
ClientSampleId :
VN0613WBS01

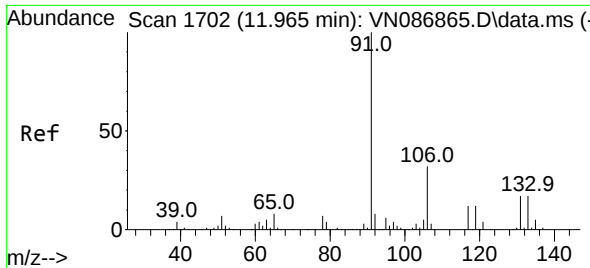
Tgt Ion:112 Resp: 142528
Ion Ratio Lower Upper
112 100
114 31.6 26.2 39.2



#66
1,1,1,2-Tetrachloroethane
Concen: 22.303 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.006 min
Lab File: VN087000.D
Acq: 13 Jun 2025 14:32

Tgt Ion:131 Resp: 47110
Ion Ratio Lower Upper
131 100
133 92.6 48.3 144.8
119 66.6 34.0 101.8

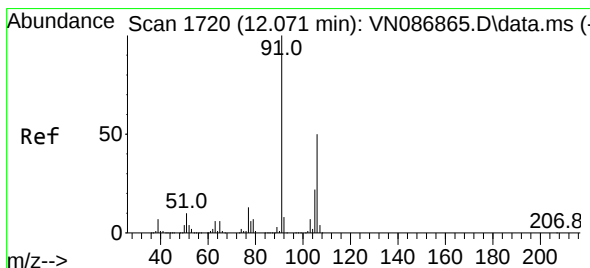
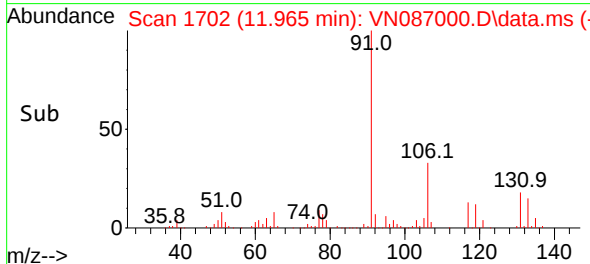
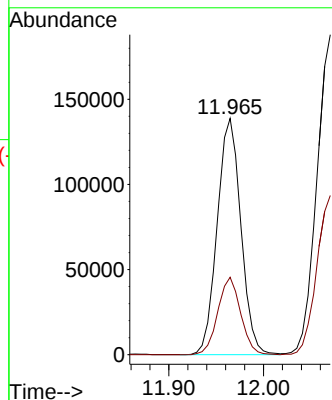
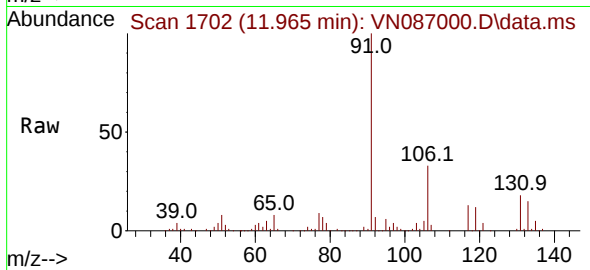




#67
Ethyl Benzene
Concen: 21.311 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN087000.D
Acq: 13 Jun 2025 14:32

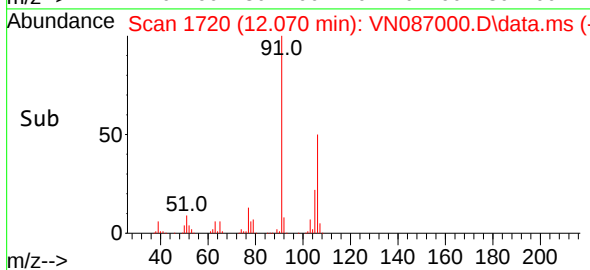
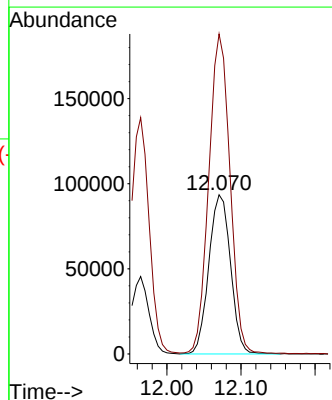
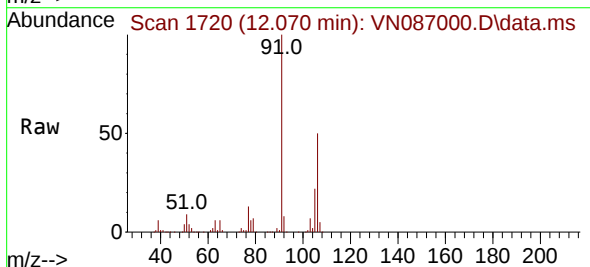
Instrument :
MSVOA_N
ClientSampleId :
VN0613WBS01

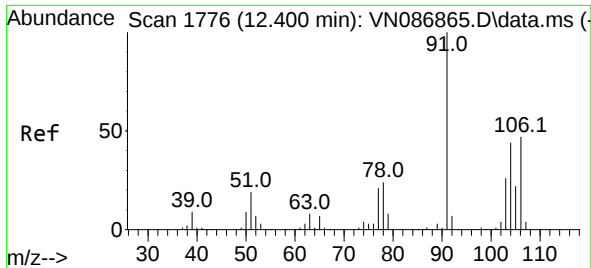
Tgt Ion: 91 Resp: 241208
Ion Ratio Lower Upper
91 100
106 32.8 25.4 38.2



#68
m/p-Xylenes
Concen: 43.908 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN087000.D
Acq: 13 Jun 2025 14:32

Tgt Ion: 106 Resp: 190243
Ion Ratio Lower Upper
106 100
91 196.4 159.4 239.0

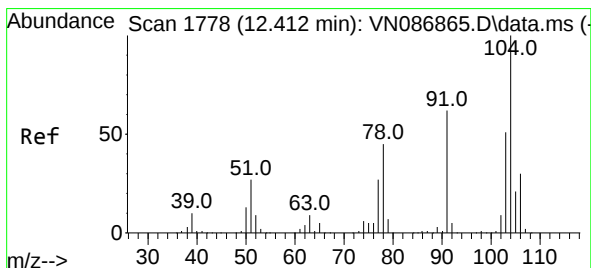
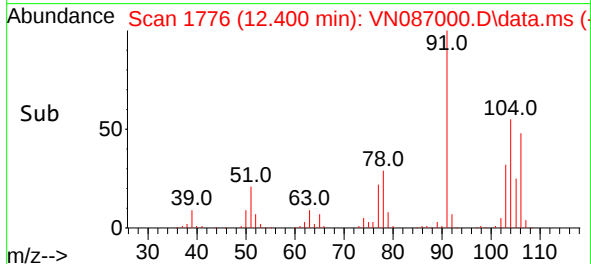
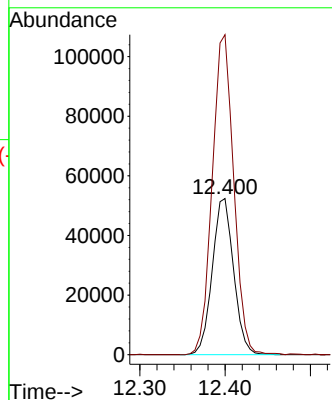
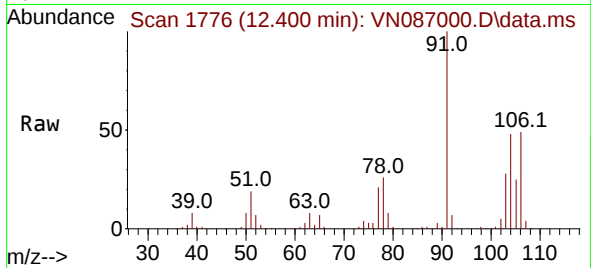




#69
o-Xylene
Concen: 21.969 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN087000.D
Acq: 13 Jun 2025 14:32

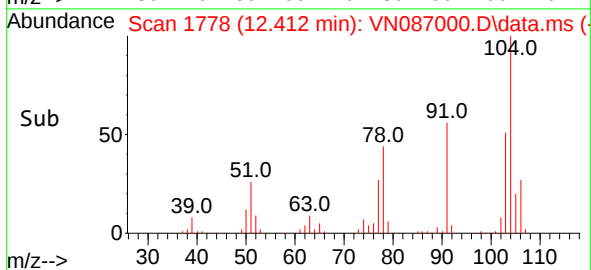
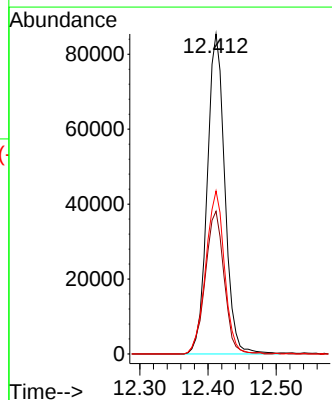
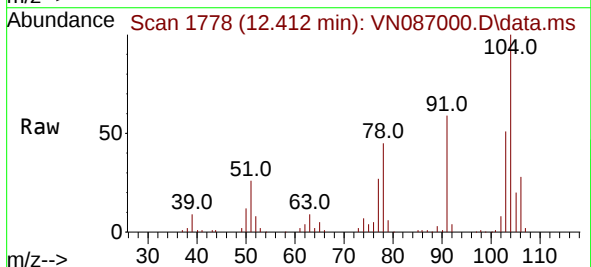
Instrument :
MSVOA_N
ClientSampleId :
VN0613WBS01

Tgt Ion:106 Resp: 91163
Ion Ratio Lower Upper
106 100
91 206.3 106.1 318.1



#70
Styrene
Concen: 21.602 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN087000.D
Acq: 13 Jun 2025 14:32

Tgt Ion:104 Resp: 153392
Ion Ratio Lower Upper
104 100
78 47.9 38.5 57.7
103 54.2 43.1 64.7





#71

Bromoform

Concen: 22.662 ug/l

RT: 12.582 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN087000.D

Acq: 13 Jun 2025 14:32

Instrument :

MSVOA_N

ClientSampleId :

VN0613WBS01

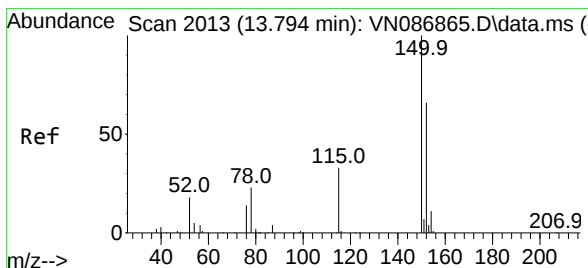
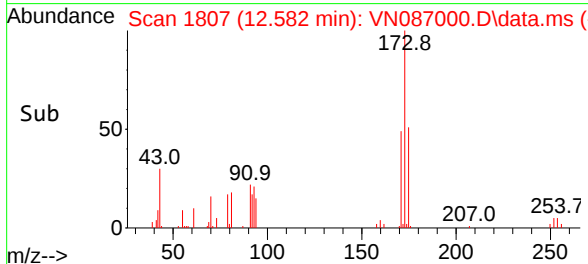
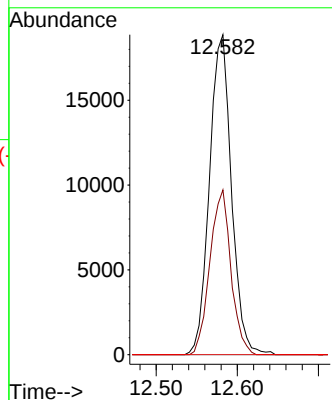
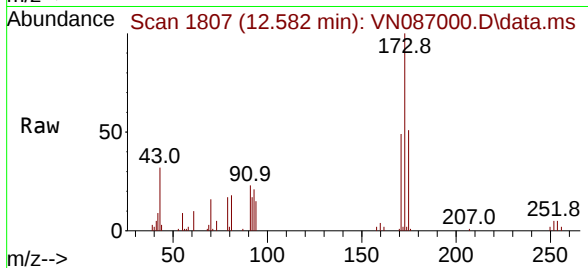
Tgt Ion:173 Resp: 35468

Ion Ratio Lower Upper

173 100

175 49.3 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: VN087000.D

Acq: 13 Jun 2025 14:32

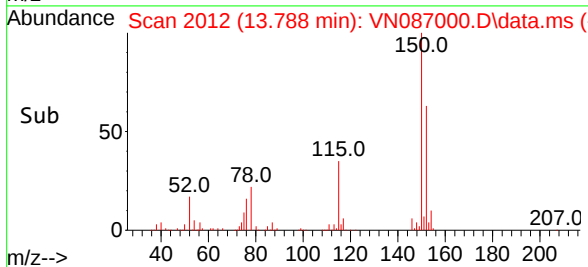
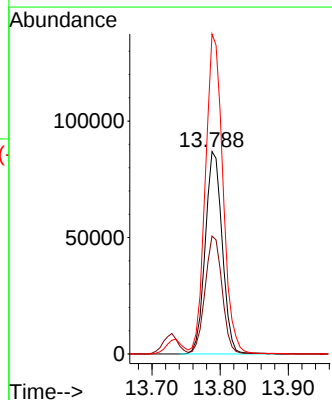
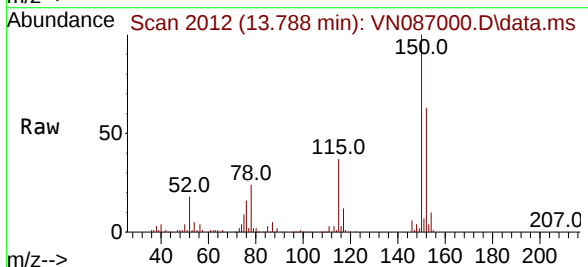
Tgt Ion:152 Resp: 150656

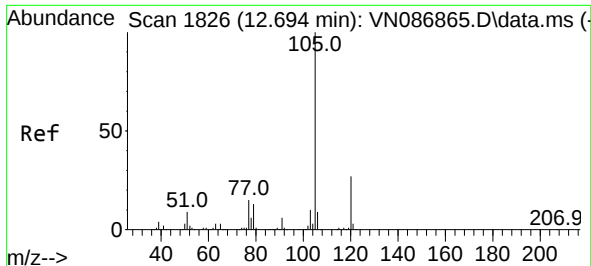
Ion Ratio Lower Upper

152 100

115 58.0 30.1 90.5

150 163.6 0.0 345.0

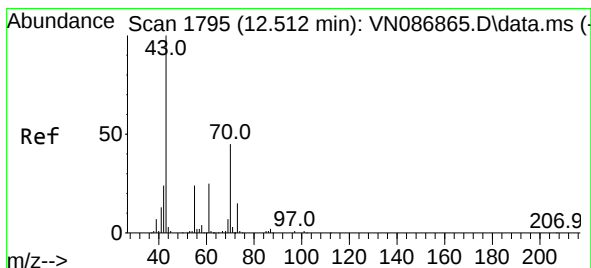
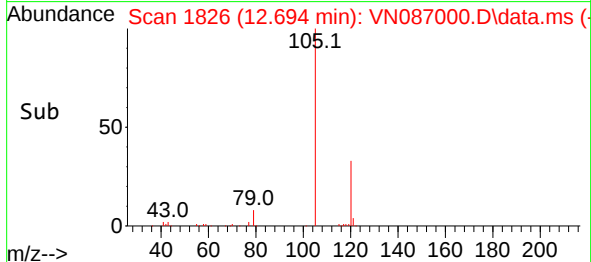
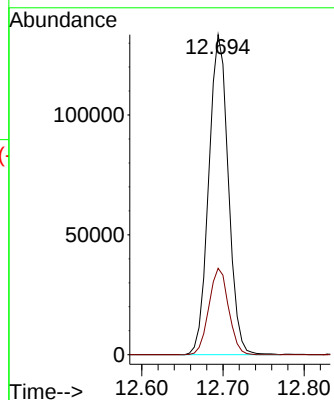
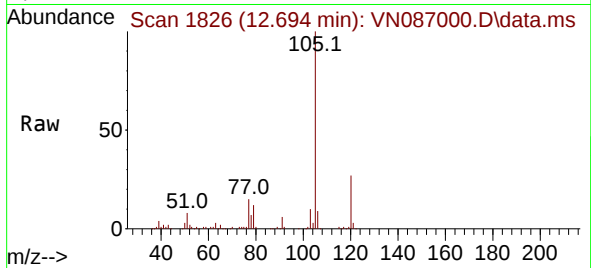




#73
Isopropylbenzene
Concen: 20.334 ug/l
RT: 12.694 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN087000.D
Acq: 13 Jun 2025 14:32

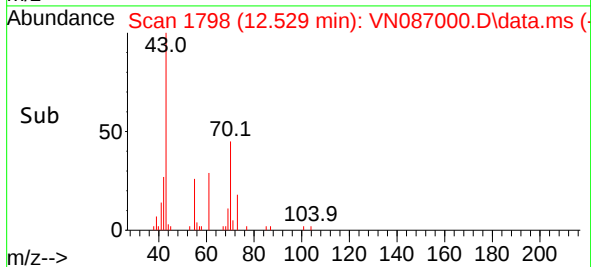
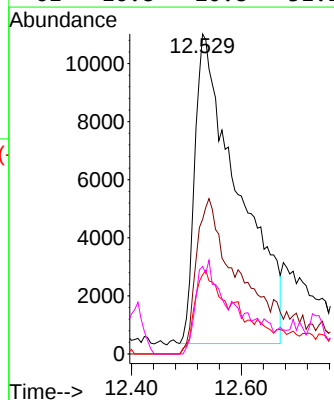
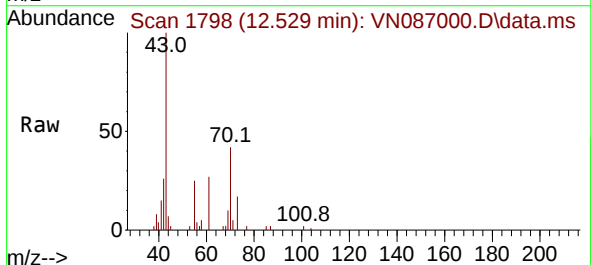
Instrument :
MSVOA_N
ClientSampleId :
VN0613WBS01

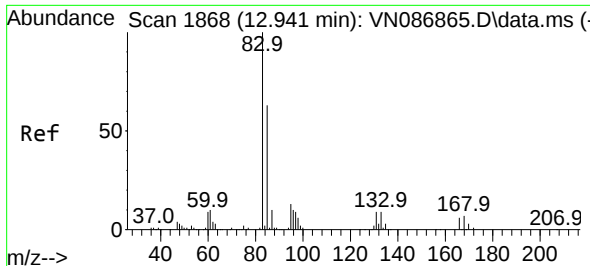
Tgt Ion:105 Resp: 223178
Ion Ratio Lower Upper
105 100
120 27.1 13.5 40.4



#74
N-ethyl acetate
Concen: 15.245 ug/l
RT: 12.529 min Scan# 1798
Delta R.T. 0.017 min
Lab File: VN087000.D
Acq: 13 Jun 2025 14:32

Tgt Ion: 43 Resp: 58468
Ion Ratio Lower Upper
43 100
70 47.6 37.6 56.4
55 16.3 19.0 28.6#
61 16.8 20.8 31.2#

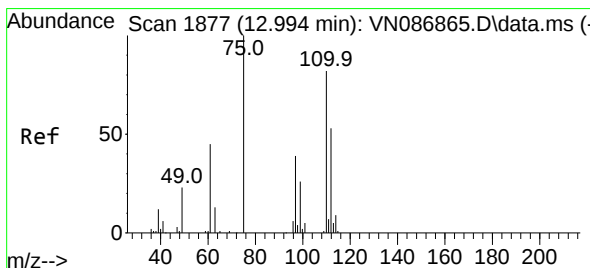
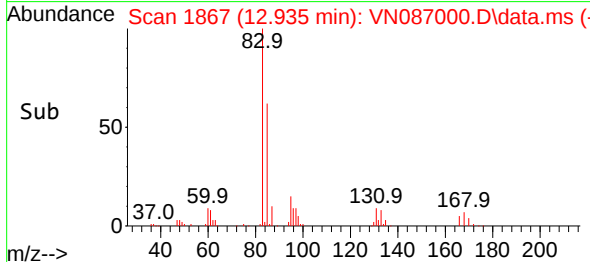
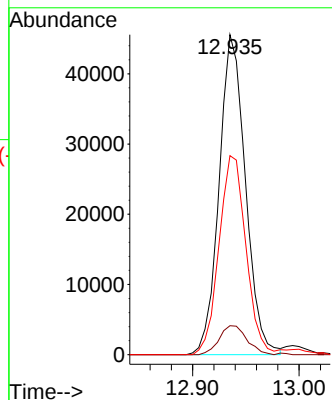
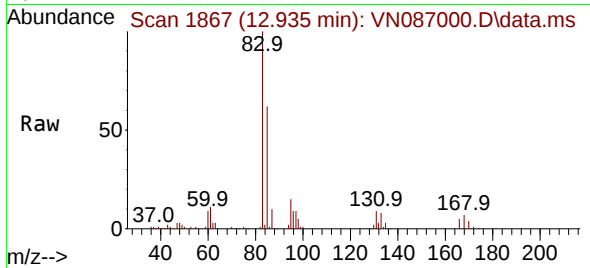




#75
1,1,2-Tetrachloroethane
Concen: 21.038 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VN087000.D
Acq: 13 Jun 2025 14:32

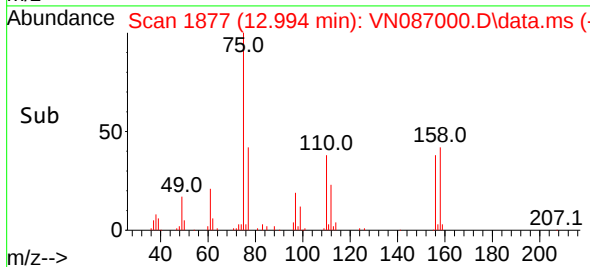
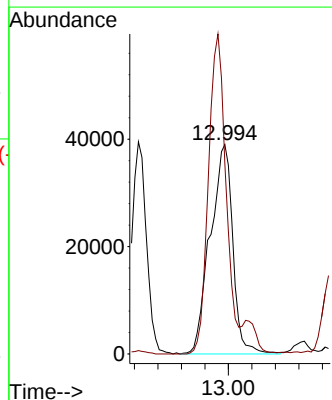
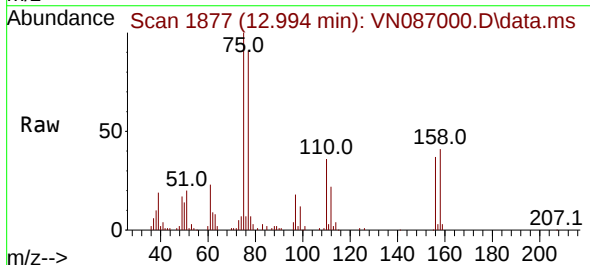
Instrument :
MSVOA_N
ClientSampleId :
VN0613WBS01

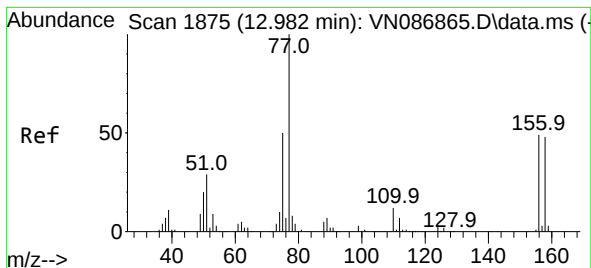
Tgt Ion: 83 Resp: 78224
Ion Ratio Lower Upper
83 100
131 9.5 4.9 14.7
85 63.5 32.0 96.0



#76
1,2,3-Trichloropropane
Concen: 29.034 ug/l
RT: 12.994 min Scan# 1877
Delta R.T. -0.000 min
Lab File: VN087000.D
Acq: 13 Jun 2025 14:32

Tgt Ion: 75 Resp: 103974
Ion Ratio Lower Upper
75 100
77 118.2 79.3 237.9





#77

Bromobenzene

Concen: 21.546 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. -0.000 min

Lab File: VN087000.D

Acq: 13 Jun 2025 14:32

Instrument :

MSVOA_N

ClientSampleId :

VN0613WBS01

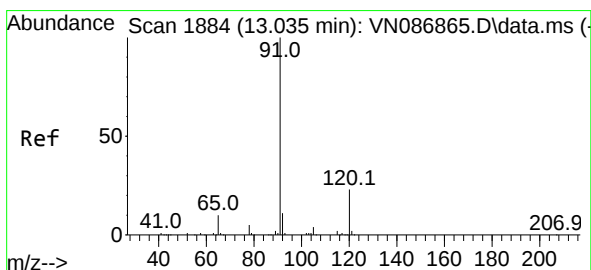
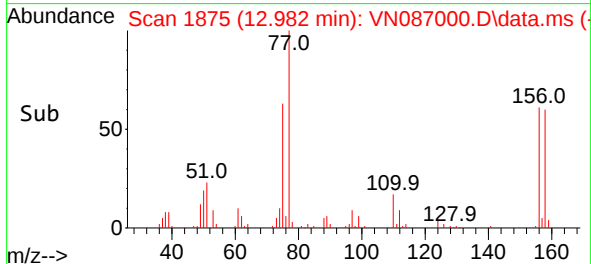
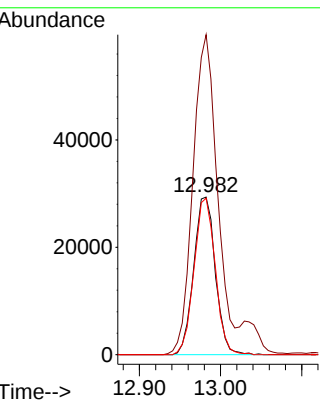
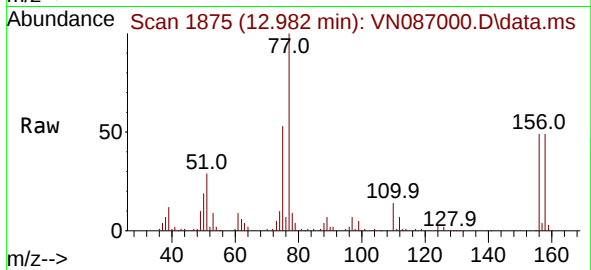
Tgt Ion:156 Resp: 54231

Ion Ratio Lower Upper

156 100

77 226.5 117.7 353.1

158 97.7 48.1 144.4



#78

n-propylbenzene

Concen: 19.994 ug/l

RT: 13.035 min Scan# 1884

Delta R.T. -0.000 min

Lab File: VN087000.D

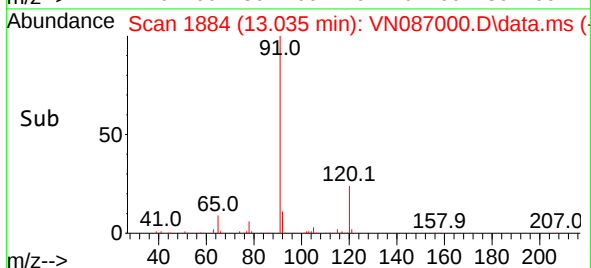
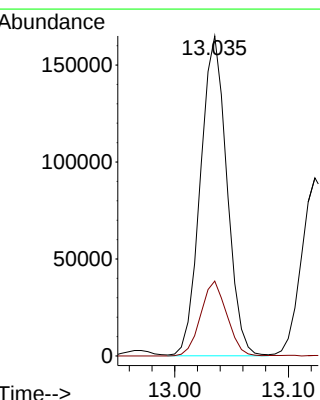
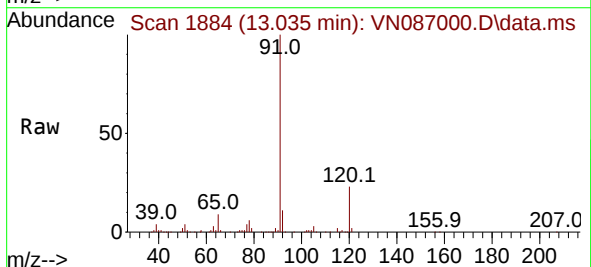
Acq: 13 Jun 2025 14:32

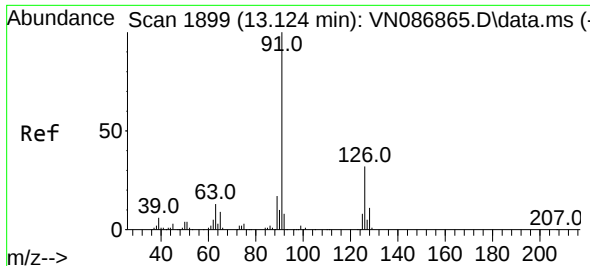
Tgt Ion: 91 Resp: 266686

Ion Ratio Lower Upper

91 100

120 23.1 11.4 34.2

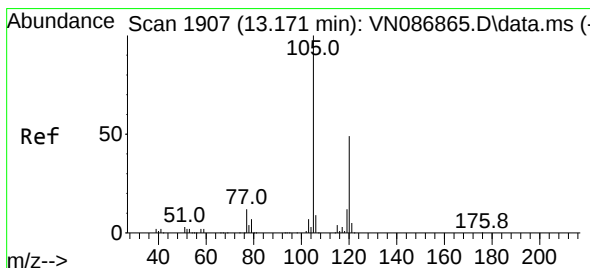
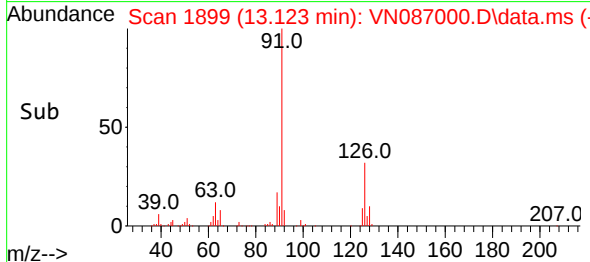
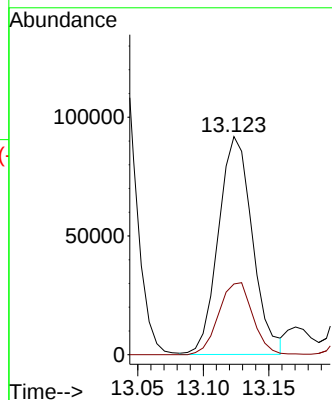
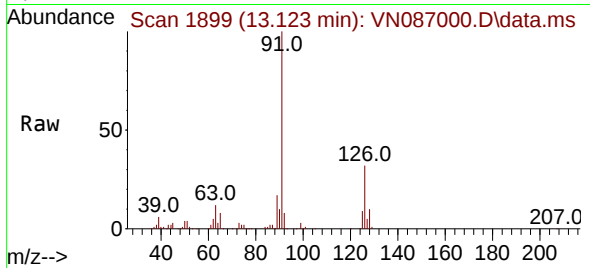




#79
2-Chlorotoluene
Concen: 20.677 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN087000.D
Acq: 13 Jun 2025 14:32

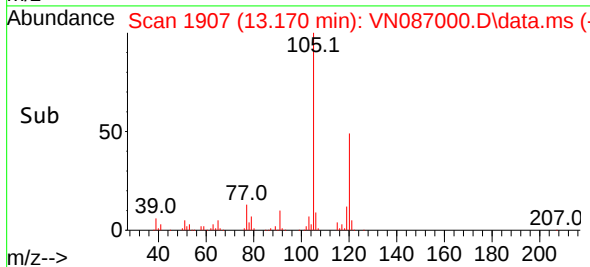
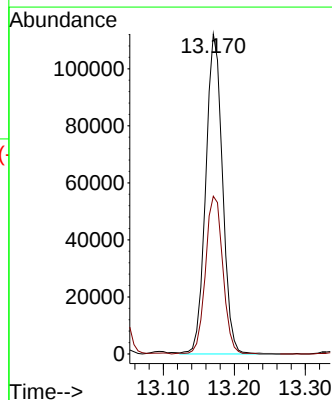
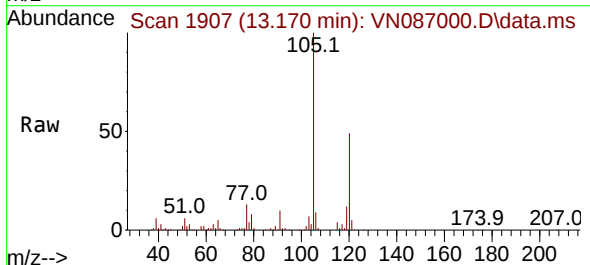
Instrument :
MSVOA_N
ClientSampleId :
VN0613WBS01

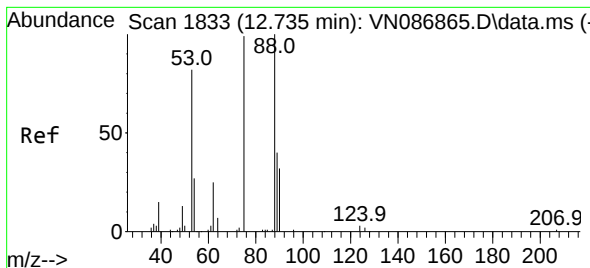
Tgt Ion: 91 Resp: 165392
Ion Ratio Lower Upper
91 100
126 33.1 16.2 48.5



#80
1,3,5-Trimethylbenzene
Concen: 20.303 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN087000.D
Acq: 13 Jun 2025 14:32

Tgt Ion: 105 Resp: 183973
Ion Ratio Lower Upper
105 100
120 51.1 24.9 74.6

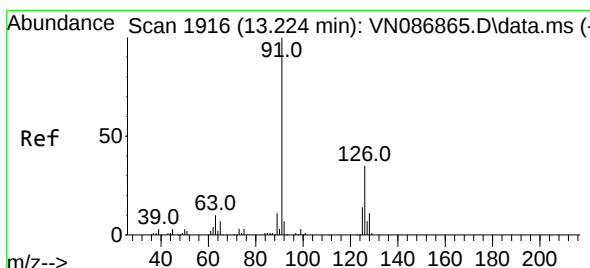
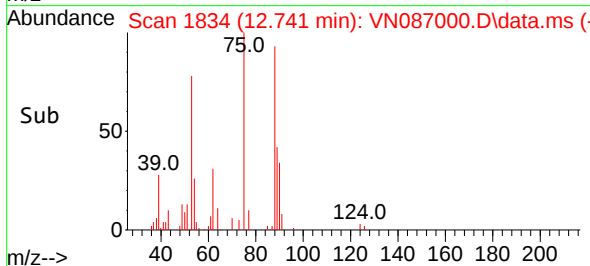
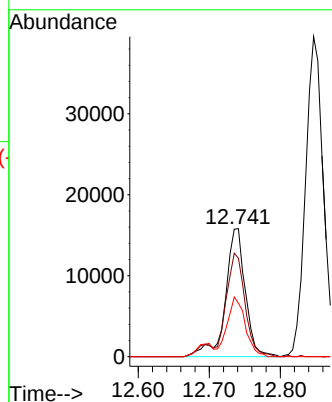
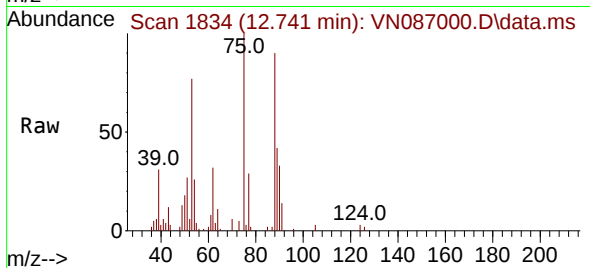




#81
trans-1,4-Dichloro-2-butene
Concen: 19.814 ug/l
RT: 12.741 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN087000.D
Acq: 13 Jun 2025 14:32

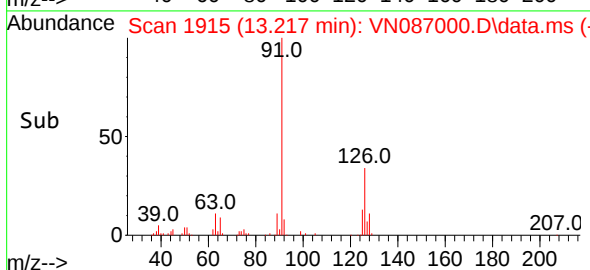
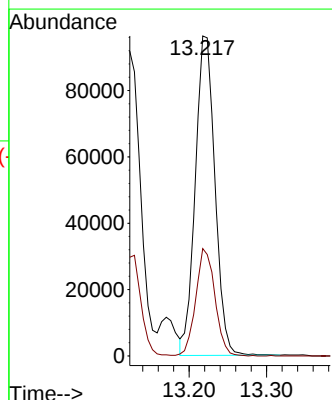
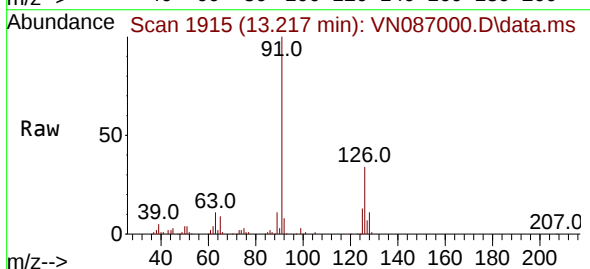
Instrument :
MSVOA_N
ClientSampleId :
VN0613WBS01

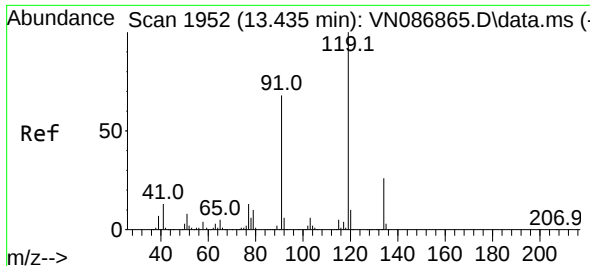
Tgt Ion: 75 Resp: 30824
Ion Ratio Lower Upper
75 100
53 75.3 66.6 99.8
89 42.9 36.7 55.1



#82
4-Chlorotoluene
Concen: 20.919 ug/l
RT: 13.217 min Scan# 1915
Delta R.T. -0.006 min
Lab File: VN087000.D
Acq: 13 Jun 2025 14:32

Tgt Ion: 91 Resp: 169312
Ion Ratio Lower Upper
91 100
126 33.0 16.7 50.1

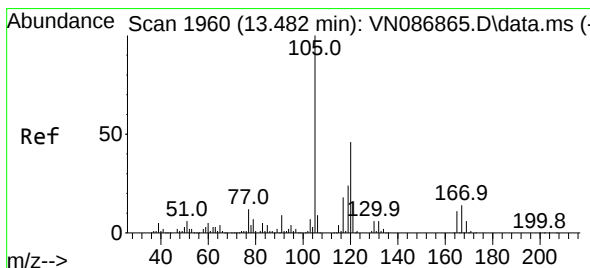
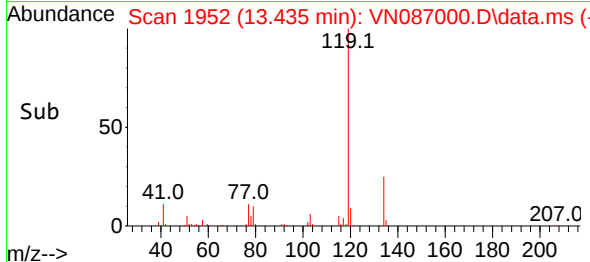
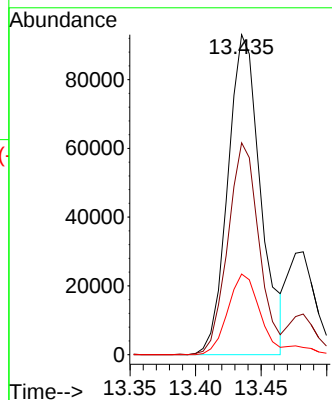
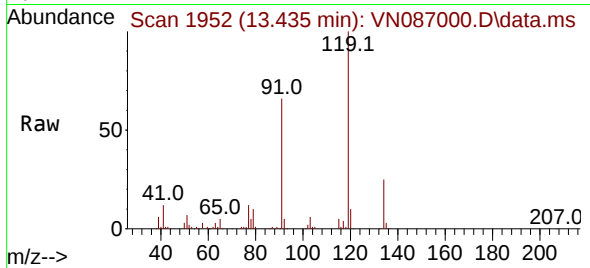




#83
 tert-Butylbenzene
 Concen: 19.462 ug/l
 RT: 13.435 min Scan# 1952
 Delta R.T. -0.000 min
 Lab File: VN087000.D
 Acq: 13 Jun 2025 14:32

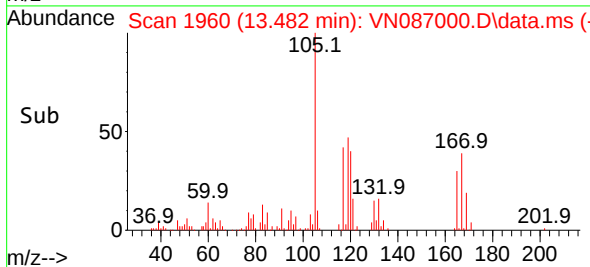
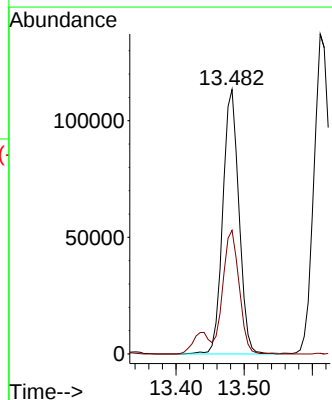
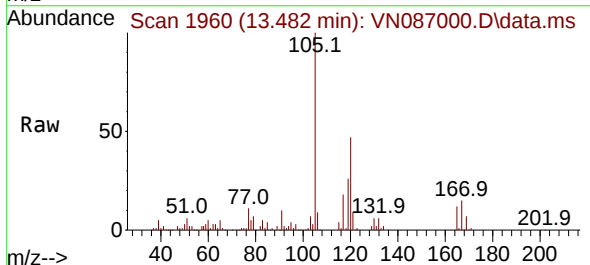
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0613WBS01

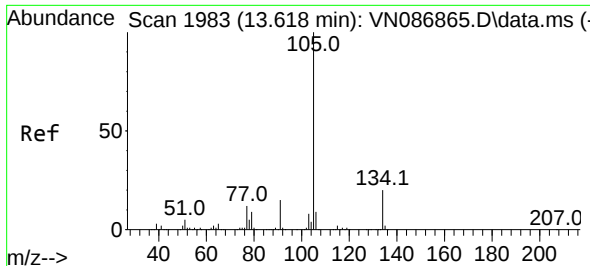
Tgt Ion:119 Resp: 161431
 Ion Ratio Lower Upper
 119 100
 91 63.3 32.1 96.5
 134 26.7 13.4 40.1



#84
 1,2,4-Trimethylbenzene
 Concen: 20.570 ug/l
 RT: 13.482 min Scan# 1960
 Delta R.T. -0.000 min
 Lab File: VN087000.D
 Acq: 13 Jun 2025 14:32

Tgt Ion:105 Resp: 186915
 Ion Ratio Lower Upper
 105 100
 120 47.0 23.2 69.6

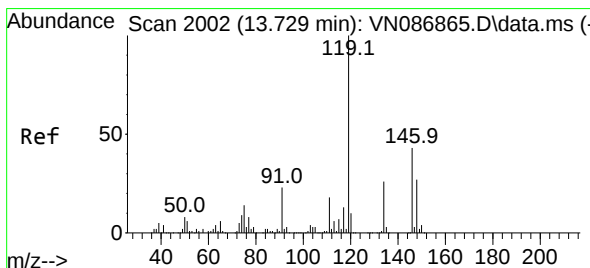
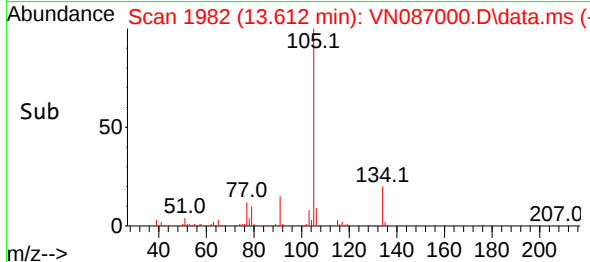
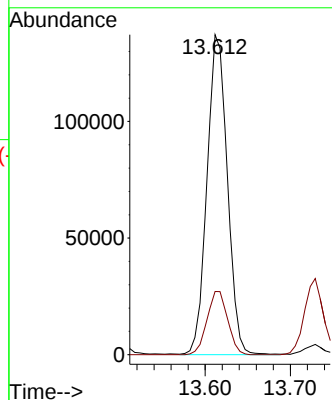
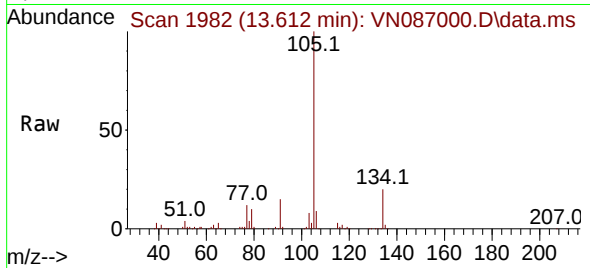




#85
 sec-Butylbenzene
 Concen: 18.936 ug/l
 RT: 13.612 min Scan# 1983
 Delta R.T. -0.006 min
 Lab File: VN087000.D
 Acq: 13 Jun 2025 14:32

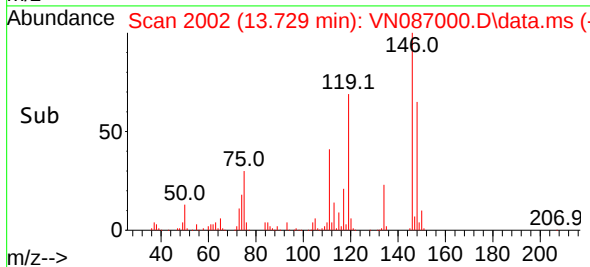
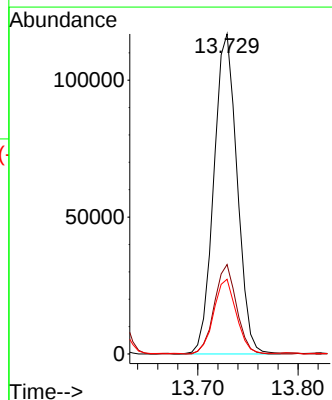
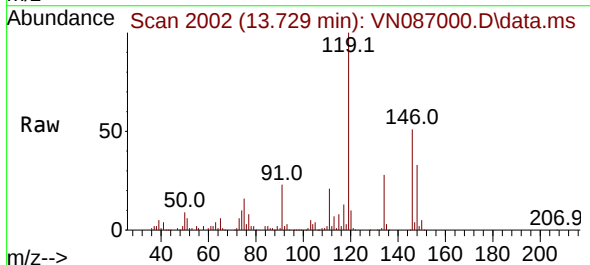
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0613WBS01

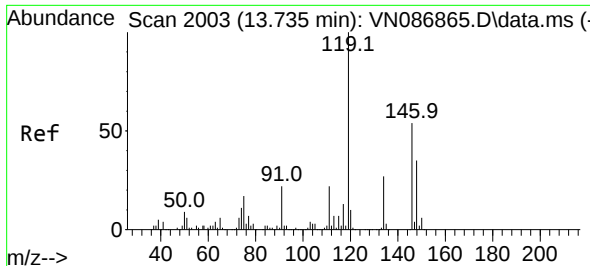
Tgt Ion:105 Resp: 228099
 Ion Ratio Lower Upper
 105 100
 134 20.0 10.0 30.0



#86
 p-Isopropyltoluene
 Concen: 18.941 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.000 min
 Lab File: VN087000.D
 Acq: 13 Jun 2025 14:32

Tgt Ion:119 Resp: 188601
 Ion Ratio Lower Upper
 119 100
 134 26.5 13.5 40.4
 91 22.9 11.5 34.4

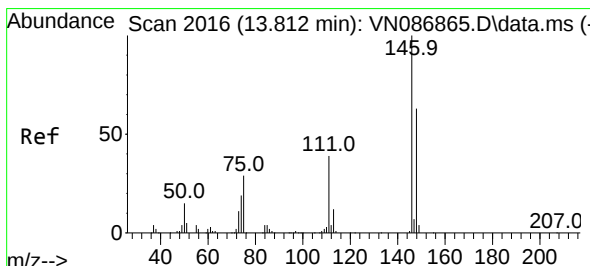
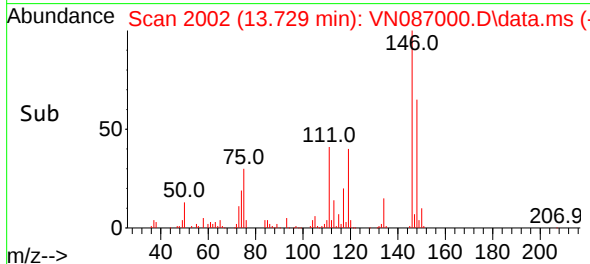
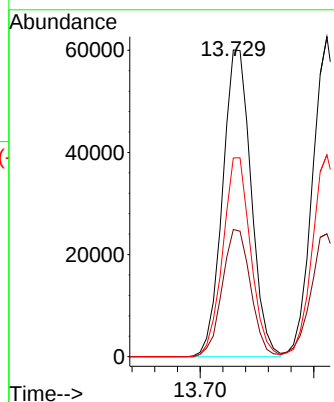
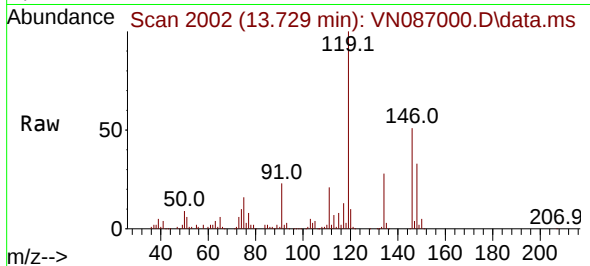




#87
1,3-Dichlorobenzene
Concen: 21.151 ug/l
RT: 13.729 min Scan# 2003
Delta R.T. -0.006 min
Lab File: VN087000.D
Acq: 13 Jun 2025 14:32

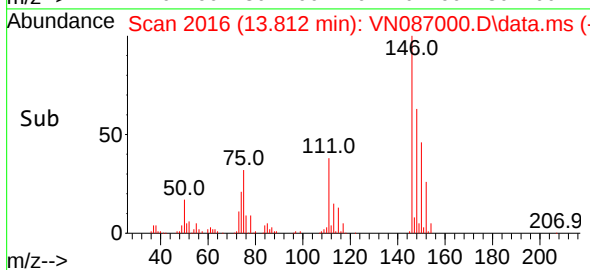
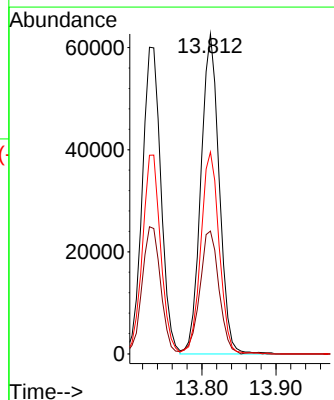
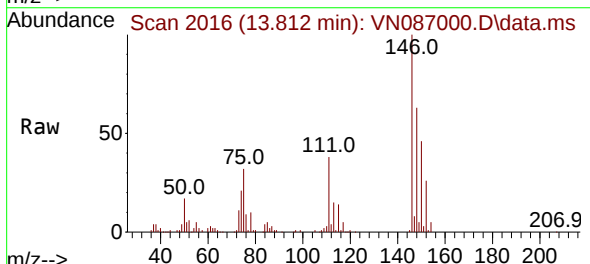
Instrument :
MSVOA_N
ClientSampleId :
VN0613WBS01

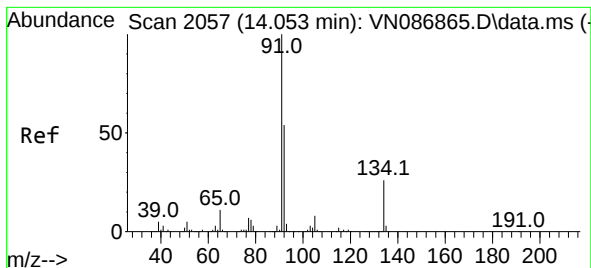
Tgt Ion:146 Resp: 104746
Ion Ratio Lower Upper
146 100
111 41.3 20.9 62.8
148 63.2 32.0 96.2



#88
1,4-Dichlorobenzene
Concen: 21.274 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN087000.D
Acq: 13 Jun 2025 14:32

Tgt Ion:146 Resp: 107411
Ion Ratio Lower Upper
146 100
111 40.2 19.9 59.7
148 63.3 31.8 95.4





#89

n-Butylbenzene

Concen: 18.041 ug/l

RT: 14.053 min Scan# 2057

Delta R.T. -0.000 min

Lab File: VN087000.D

Acq: 13 Jun 2025 14:32

Instrument :

MSVOA_N

ClientSampleId :

VN0613WBS01

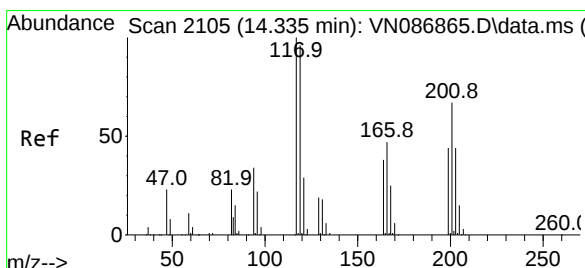
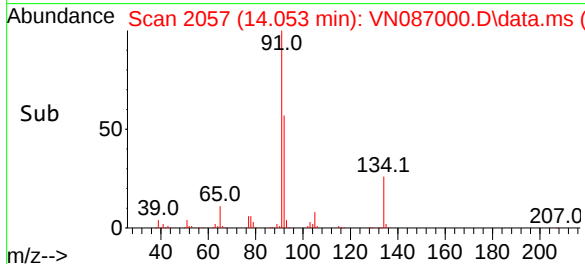
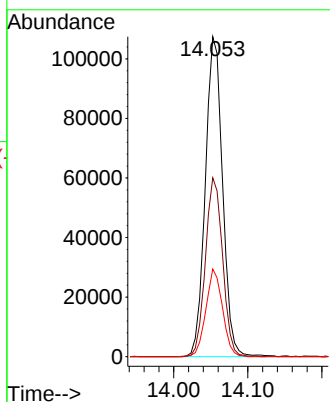
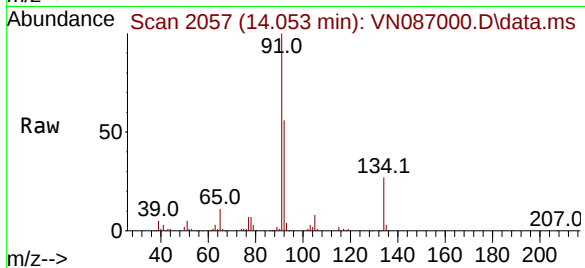
Tgt Ion: 91 Resp: 173997

Ion Ratio Lower Upper

91 100

92 55.5 27.5 82.4

134 26.4 13.0 39.0



#90

Hexachloroethane

Concen: 19.603 ug/l

RT: 14.329 min Scan# 2104

Delta R.T. -0.006 min

Lab File: VN087000.D

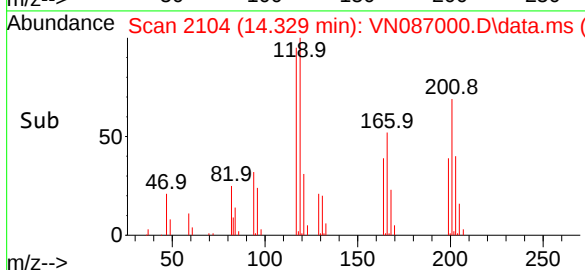
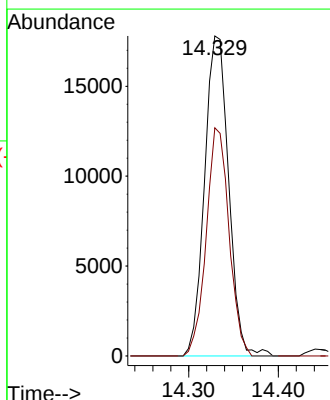
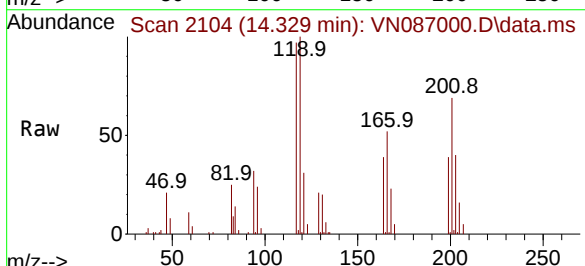
Acq: 13 Jun 2025 14:32

Tgt Ion: 117 Resp: 33086

Ion Ratio Lower Upper

117 100

201 67.6 33.2 99.6

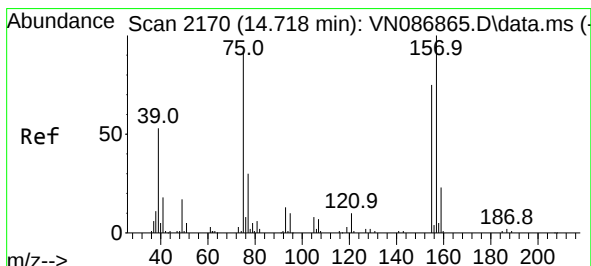
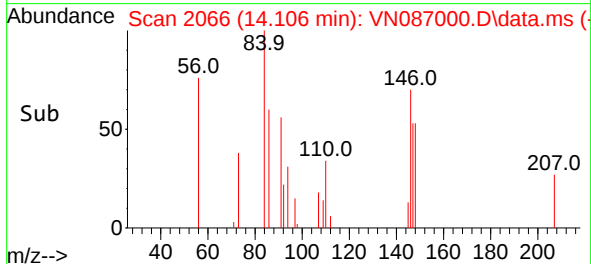
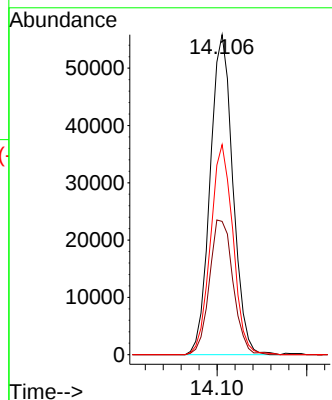
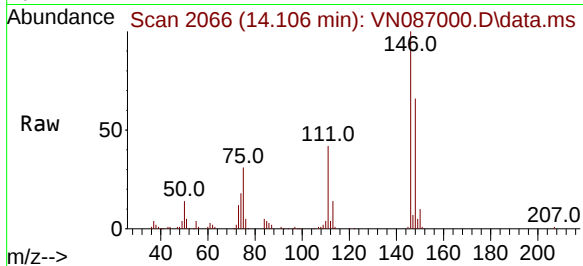




#91
1,2-Dichlorobenzene
Concen: 20.655 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN087000.D
Acq: 13 Jun 2025 14:32

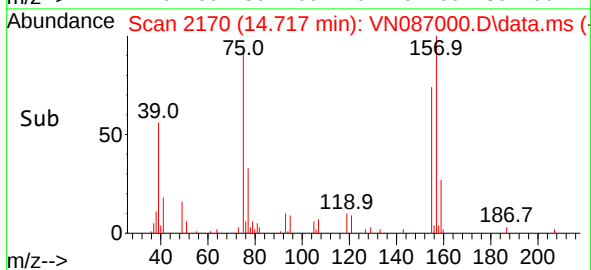
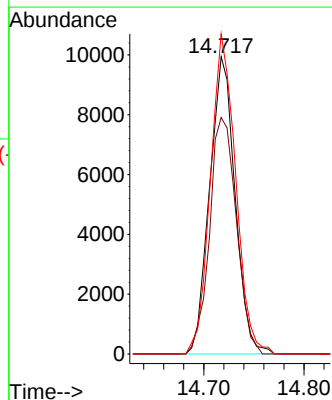
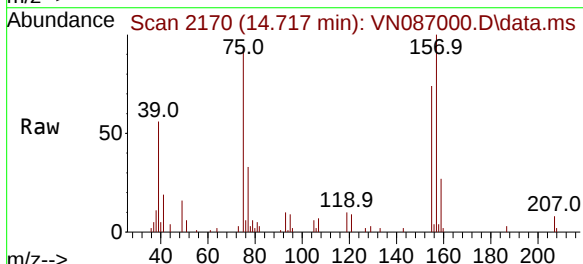
Instrument :
MSVOA_N
ClientSampleId :
VN0613WBS01

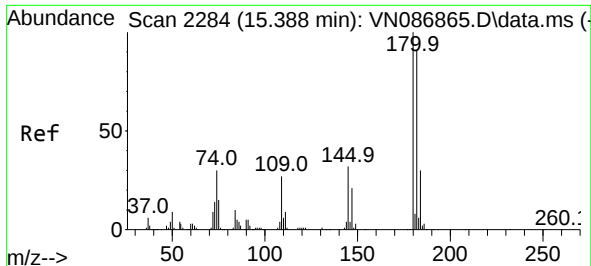
Tgt Ion:146 Resp: 98273
Ion Ratio Lower Upper
146 100
111 43.6 21.6 64.6
148 64.9 31.7 95.1



#92
1,2-Dibromo-3-Chloropropane
Concen: 19.687 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.000 min
Lab File: VN087000.D
Acq: 13 Jun 2025 14:32

Tgt Ion: 75 Resp: 17506
Ion Ratio Lower Upper
75 100
155 83.6 41.1 123.4
157 106.8 52.7 158.1

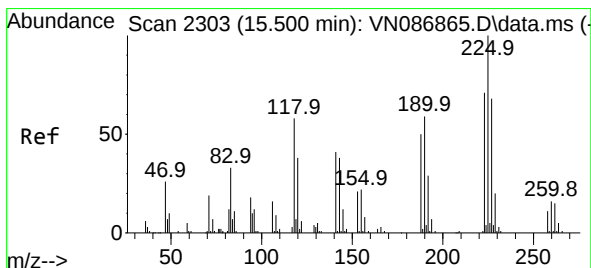
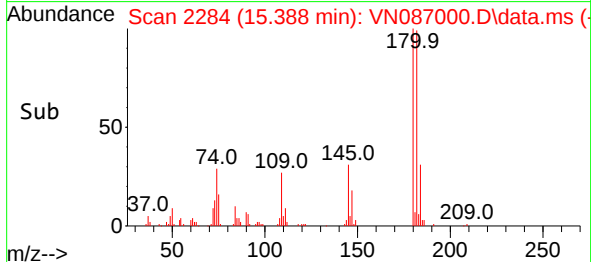
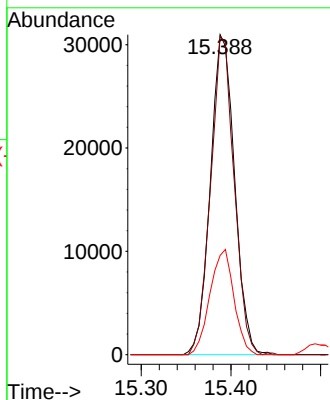
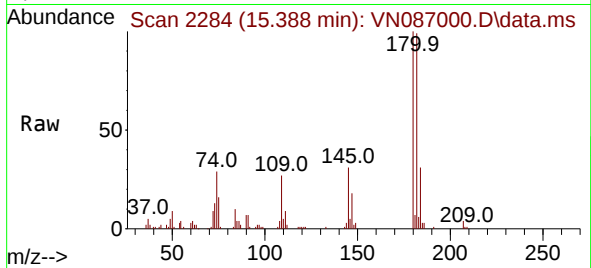




#93
 1,2,4-Trichlorobenzene
 Concen: 19.074 ug/l
 RT: 15.388 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VN087000.D
 Acq: 13 Jun 2025 14:32

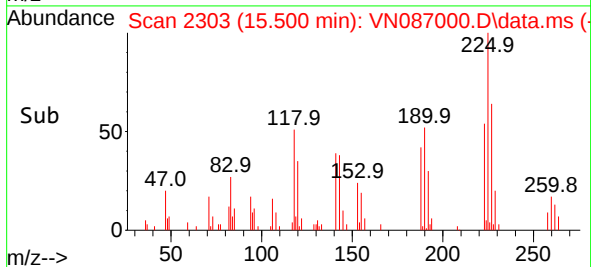
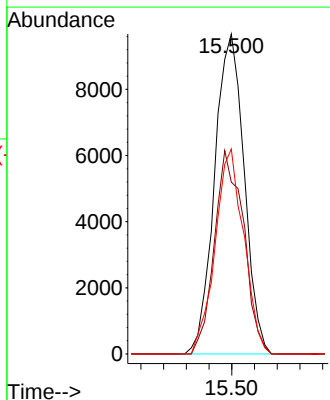
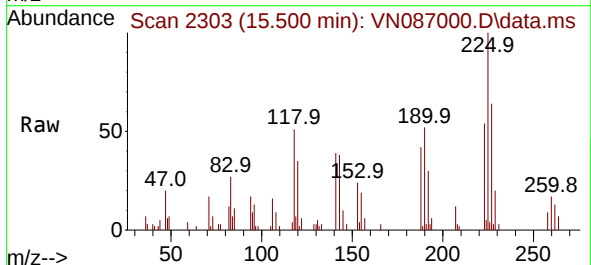
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0613WBS01

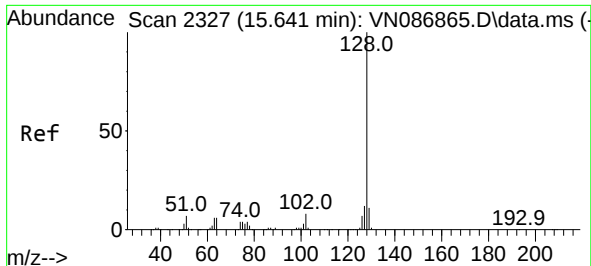
Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.3	46.9	140.7
145	32.6	16.0	47.9



#94
 Hexachlorobutadiene
 Concen: 15.423 ug/l
 RT: 15.500 min Scan# 2303
 Delta R.T. -0.000 min
 Lab File: VN087000.D
 Acq: 13 Jun 2025 14:32

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.7	33.5	100.4
227	62.2	31.1	93.5

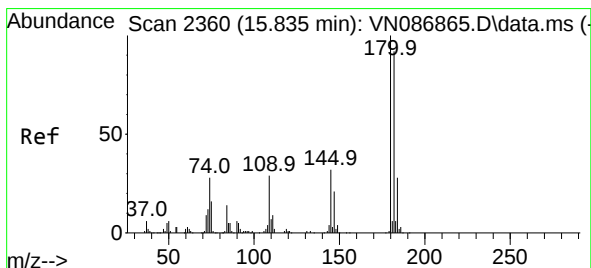
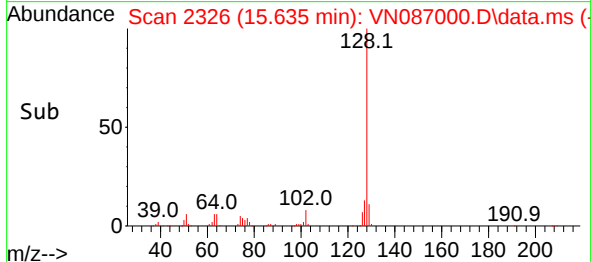
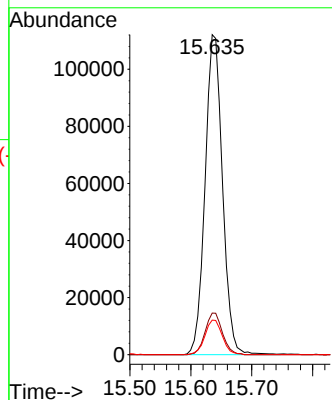
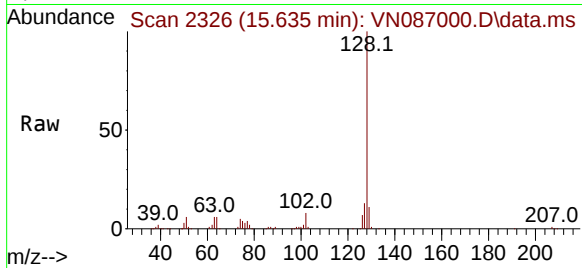




#95
Naphthalene
Concen: 19.701 ug/l
RT: 15.635 min Scan# 2327
Delta R.T. -0.006 min
Lab File: VN087000.D
Acq: 13 Jun 2025 14:32

Instrument :
MSVOA_N
ClientSampleId :
VN0613WBS01

Tgt Ion:128 Resp: 222787
Ion Ratio Lower Upper
128 100
127 12.9 10.2 15.2
129 10.8 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 18.450 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. 0.006 min
Lab File: VN087000.D
Acq: 13 Jun 2025 14:32

Tgt Ion:180 Resp: 55693
Ion Ratio Lower Upper
180 100
182 94.5 47.0 141.0
145 34.5 16.6 49.8

