

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061125\
 Data File : VN086944.D
 Acq On : 11 Jun 2025 13:27
 Operator : JC\MD
 Sample : VN0611WBS02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0611WBS02

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/12/2025
 Supervised By : Semsettin Yesilyurt 06/12/2025

Quant Time: Jun 12 01:31:27 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	8.235	168	206799	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	370524	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	321188	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	157403	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	130342	47.075	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	94.160%		
35) Dibromofluoromethane	8.177	113	112198	51.096	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	102.200%		
50) Toluene-d8	10.571	98	423380	48.706	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	97.420%		
62) 4-Bromofluorobenzene	12.847	95	161321	49.951	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	99.900%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.153	85	40672	19.725	ug/l	100
3) Chloromethane	2.401	50	42812	16.079	ug/l	97
4) Vinyl Chloride	2.553	62	51780	18.852	ug/l	95
5) Bromomethane	3.000	94	25577	16.641	ug/l	90
6) Chloroethane	3.153	64	34500	19.446	ug/l	99
7) Trichlorofluoromethane	3.530	101	68752	19.159	ug/l	99
8) Diethyl Ether	3.983	74	30914	19.772	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.400	101	44117	19.568	ug/l	99
10) Methyl Iodide	4.612	142	36924	12.634	ug/l	100
11) Tert butyl alcohol	5.541	59	69743	92.831	ug/l	99
12) 1,1-Dichloroethene	4.365	96	44269	19.233	ug/l	97
13) Acrolein	4.206	56	22290	93.730	ug/l	98
14) Allyl chloride	5.047	41	68027	17.821	ug/l	97
15) Acrylonitrile	5.741	53	166971	95.084	ug/l	100
16) Acetone	4.447	43	145322	98.972	ug/l	98
17) Carbon Disulfide	4.742	76	113132	17.769	ug/l	100
18) Methyl Acetate	5.047	43	81357	19.013	ug/l	99
19) Methyl tert-butyl Ether	5.812	73	163338	19.599	ug/l	98
20) Methylene Chloride	5.294	84	52196	18.988	ug/l	96
21) trans-1,2-Dichloroethene	5.812	96	47284	18.464	ug/l	95
22) Diisopropyl ether	6.688	45	155508	19.326	ug/l	97
23) Vinyl Acetate	6.618	43	653278	96.092	ug/l	98
24) 1,1-Dichloroethane	6.588	63	89930	19.421	ug/l	100
25) 2-Butanone	7.494	43	215760	90.401	ug/l	96
26) 2,2-Dichloropropane	7.500	77	78031	21.663	ug/l	98
27) cis-1,2-Dichloroethene	7.500	96	59578	19.453	ug/l	99
28) Bromochloromethane	7.824	49	45329	19.909	ug/l	95
29) Tetrahydrofuran	7.853	42	143866	92.532	ug/l	97
30) Chloroform	7.977	83	90272	19.521	ug/l	98
31) Cyclohexane	8.265	56	79050	17.603	ug/l	97
32) 1,1,1-Trichloroethane	8.182	97	74861	19.033	ug/l	97
36) 1,1-Dichloropropene	8.377	75	63577	19.431	ug/l	99
37) Ethyl Acetate	7.571	43	80415	19.306	ug/l	99
38) Carbon Tetrachloride	8.371	117	61747	19.222	ug/l	97
39) Methylcyclohexane	9.606	83	75971	16.947	ug/l	98
40) Benzene	8.612	78	206255	19.277	ug/l	99

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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)
41) Methacrylonitrile	7.788	41	42617	18.218	ug/l	93
42) 1,2-Dichloroethane	8.677	62	63379	19.530	ug/l	98
43) Isopropyl Acetate	8.694	43	126914	18.984	ug/l	98
44) Trichloroethene	9.359	130	50593	19.942	ug/l	99
45) 1,2-Dichloropropane	9.624	63	51091	19.628	ug/l	95
46) Dibromomethane	9.712	93	34741	20.093	ug/l	99
47) Bromodichloromethane	9.894	83	69845	19.634	ug/l	98
48) Methyl methacrylate	9.682	41	57757	18.771	ug/l	99
49) 1,4-Dioxane	9.706	88	22914	409.347	ug/l #	97
51) 4-Methyl-2-Pentanone	10.447	43	394396	97.997	ug/l	99
52) Toluene	10.629	92	127563	19.509	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	79224	19.917	ug/l	100
54) cis-1,3-Dichloropropene	10.318	75	85586	20.109	ug/l	99
55) 1,1,2-Trichloroethane	11.018	97	51421	20.438	ug/l	94
56) Ethyl methacrylate	10.882	69	80942	20.198	ug/l	94
57) 1,3-Dichloropropane	11.165	76	85602	19.613	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	243584	101.910	ug/l	99
59) 2-Hexanone	11.206	43	231264	89.210	ug/l	95
60) Dibromochloromethane	11.359	129	53655	20.468	ug/l	99
61) 1,2-Dibromoethane	11.471	107	50832	19.711	ug/l	99
64) Tetrachloroethene	11.106	164	38926	19.150	ug/l	98
65) Chlorobenzene	11.894	112	141721	20.006	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	46404	20.378	ug/l	99
67) Ethyl Benzene	11.965	91	239733	19.647	ug/l	100
68) m/p-Xylenes	12.070	106	185026	39.613	ug/l	99
69) o-Xylene	12.400	106	90240	20.172	ug/l	99
70) Styrene	12.412	104	154149	20.137	ug/l	99
71) Bromoform	12.582	173	35350	20.952	ug/l #	96
73) Isopropylbenzene	12.694	105	221545	19.320	ug/l	99
74) N-amyl acetate	12.529	43	63289	15.794	ug/l #	85
75) 1,1,2,2-Tetrachloroethane	12.941	83	81476	20.973	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	71582m	19.132	ug/l	
77) Bromobenzene	12.982	156	55176	20.981	ug/l	98
78) n-propylbenzene	13.035	91	267384	19.187	ug/l	100
79) 2-Chlorotoluene	13.123	91	164813	19.721	ug/l	99
80) 1,3,5-Trimethylbenzene	13.170	105	181773	19.200	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	30121	18.532	ug/l #	82
82) 4-Chlorotoluene	13.217	91	167991	19.866	ug/l	100
83) tert-Butylbenzene	13.435	119	161593	18.646	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	182431	19.216	ug/l	98
85) sec-Butylbenzene	13.617	105	228907	18.189	ug/l	100
86) p-Isopropyltoluene	13.729	119	192991	18.551	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	104883	20.271	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	107750	20.426	ug/l	99
89) n-Butylbenzene	14.053	91	177482	17.613	ug/l	100
90) Hexachloroethane	14.329	117	33456	18.972	ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	99394	19.995	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.717	75	17796	19.155	ug/l	98
93) 1,2,4-Trichlorobenzene	15.394	180	58509	18.433	ug/l	98
94) Hexachlorobutadiene	15.500	225	19592	16.567	ug/l	97
95) Naphthalene	15.635	128	232760	19.700	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	56144	17.802	ug/l	98

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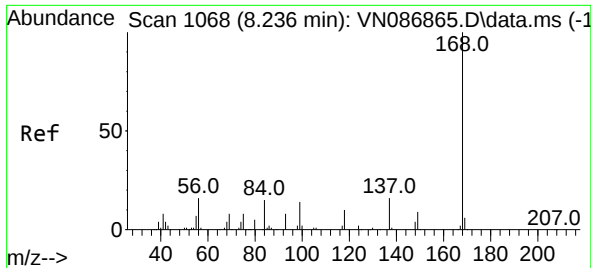
Manual Integrations
APPROVED

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Supervised By :Semsettin Yesilyurt 06/12/2025

Quant Time: Jun 12 01:31:27 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

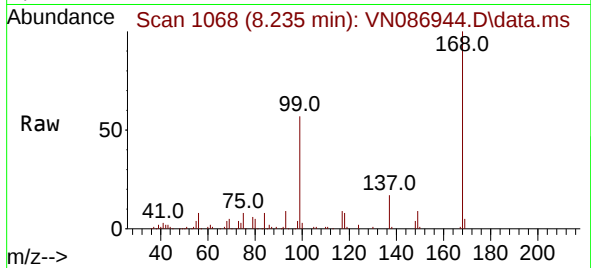
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 1068
Delta R.T. -0.001 min
Lab File: VN086944.D
Acq: 11 Jun 2025 13:27

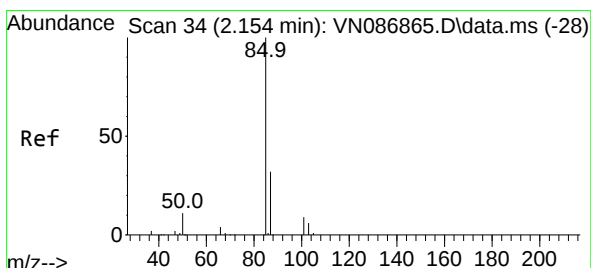
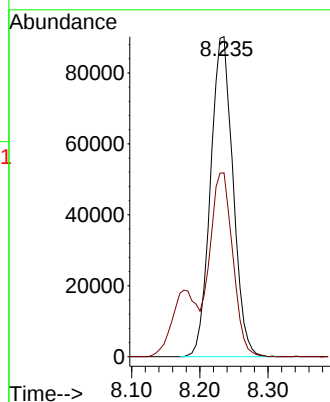
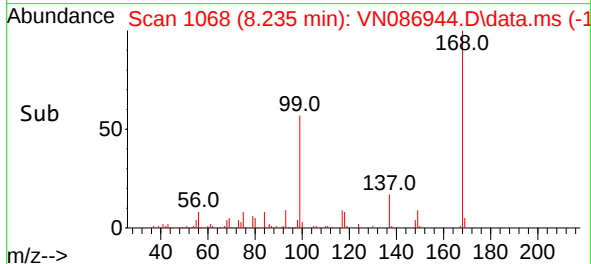
Instrument :
MSVOA_N
ClientSampleId :
VN0611WBS02



Tgt Ion:168 Resp: 206799
Ion Ratio Lower Upper
168 100
99 57.5 49.1 73.7

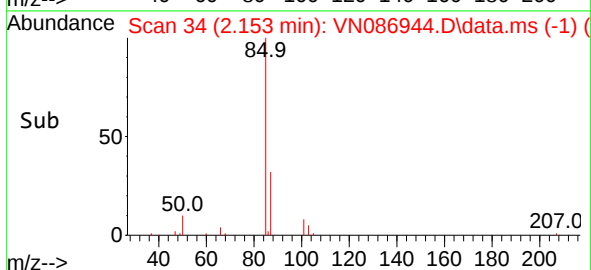
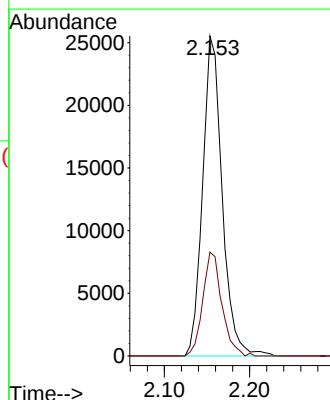
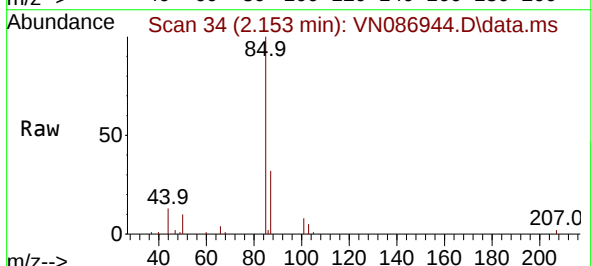
Manual Integrations
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#2
Dichlorodifluoromethane
Concen: 19.725 ug/l
RT: 2.153 min Scan# 34
Delta R.T. -0.000 min
Lab File: VN086944.D
Acq: 11 Jun 2025 13:27

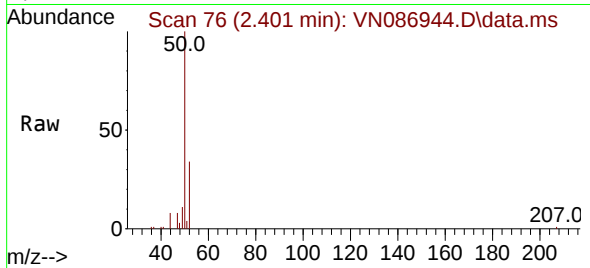
Tgt Ion: 85 Resp: 40672
Ion Ratio Lower Upper
85 100
87 32.5 16.2 48.6





#3
Chloromethane
Concen: 16.079 ug/l
RT: 2.401 min Scan# 75
Delta R.T. 0.006 min
Lab File: VN086944.D
Acq: 11 Jun 2025 13:27

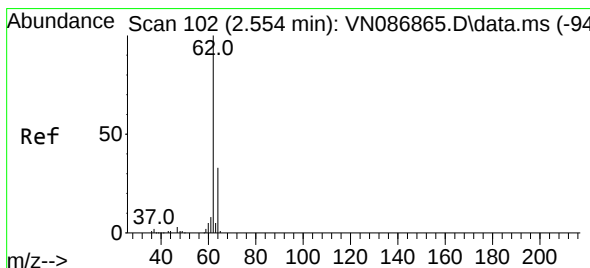
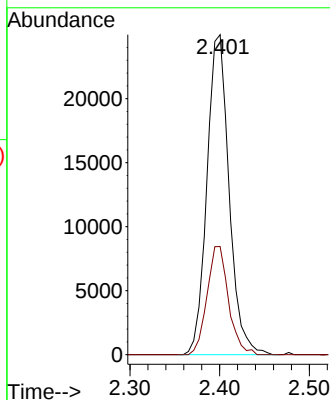
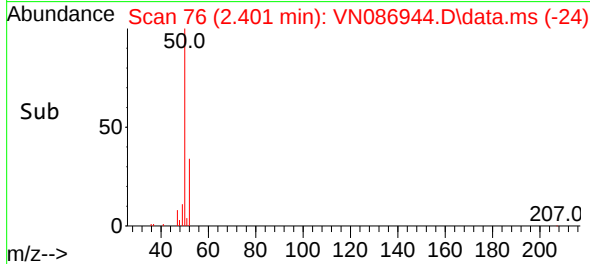
Instrument :
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Tgt Ion: 50 Resp: 4281
Ion Ratio Lower Upper
50 100
52 33.8 25.7 38.5

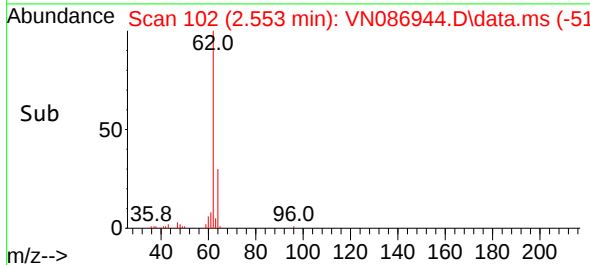
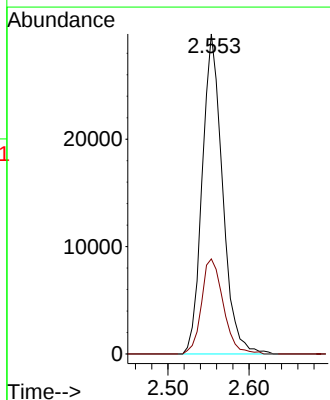
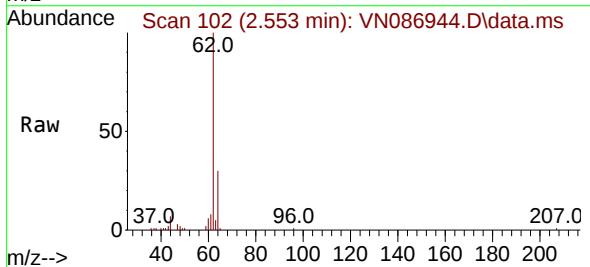
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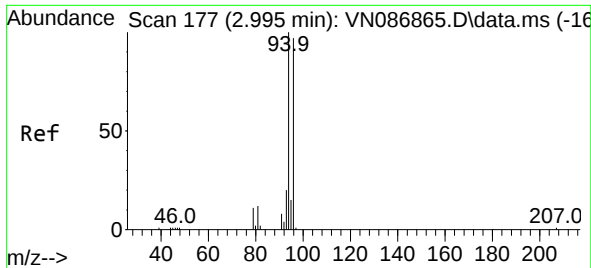
Reviewed By :John Carlone 06/12/2025
Supervised By :Semsettin Yesilyurt 06/12/2025



#4
Vinyl Chloride
Concen: 18.852 ug/l
RT: 2.553 min Scan# 102
Delta R.T. -0.000 min
Lab File: VN086944.D
Acq: 11 Jun 2025 13:27

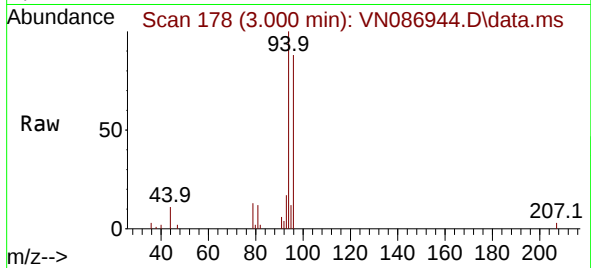
Tgt Ion: 62 Resp: 51780
Ion Ratio Lower Upper
62 100
64 29.7 26.0 39.0





#5
Bromomethane
Concen: 16.641 ug/l
RT: 3.000 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN086944.D
Acq: 11 Jun 2025 13:27

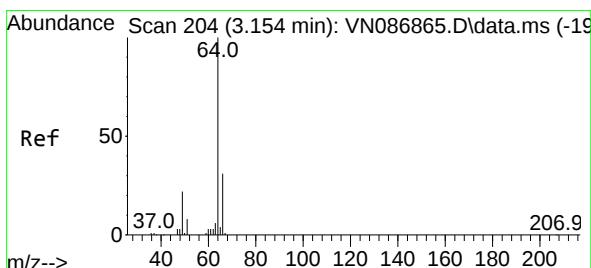
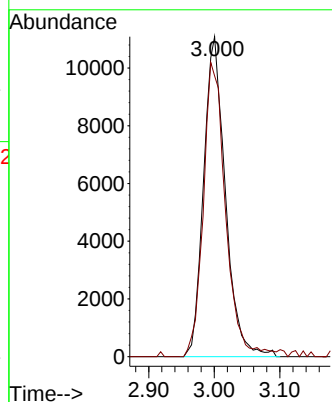
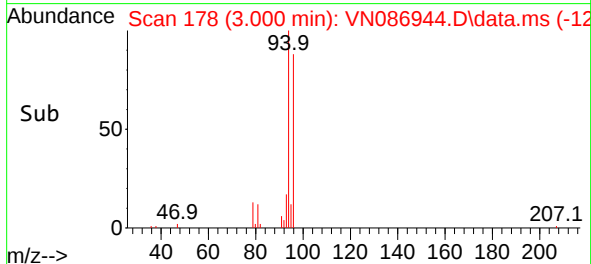
Instrument :
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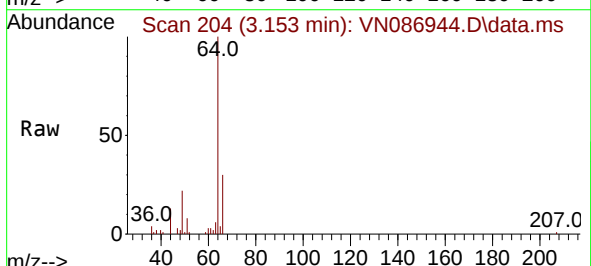
Tgt Ion: 94 Resp: 2557
Ion Ratio Lower Upper
94 100
96 87.8 77.9 116.9

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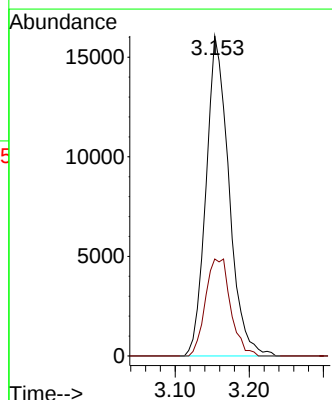
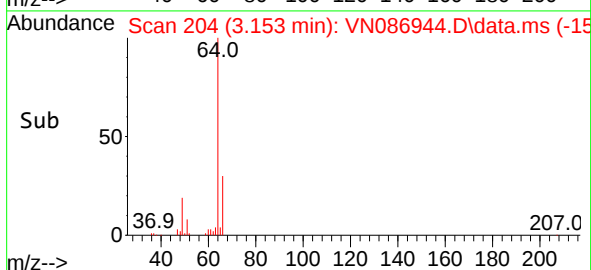
Reviewed By :John Carlone 06/12/2025
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#6
Chloroethane
Concen: 19.446 ug/l
RT: 3.153 min Scan# 204
Delta R.T. -0.000 min
Lab File: VN086944.D
Acq: 11 Jun 2025 13:27



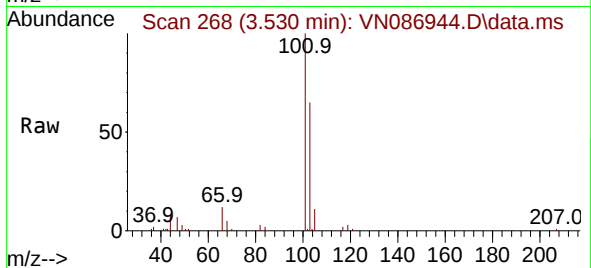
Tgt Ion: 64 Resp: 34500
Ion Ratio Lower Upper
64 100
66 30.3 24.6 36.8





#7
 Trichlorofluoromethane
 Concen: 19.159 ug/l
 RT: 3.530 min Scan# 268
 Delta R.T. 0.006 min
 Lab File: VN086944.D
 Acq: 11 Jun 2025 13:27

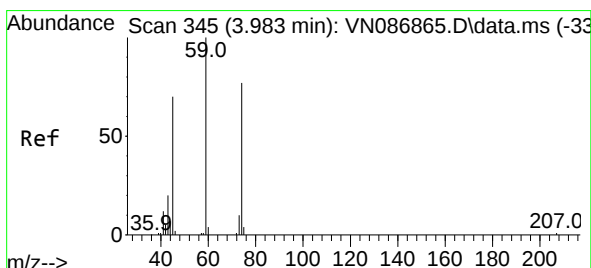
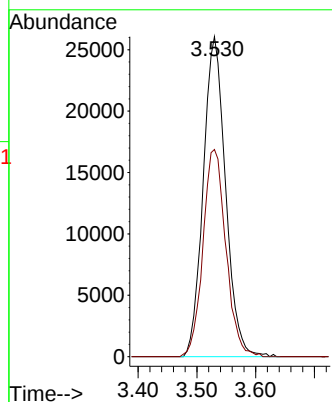
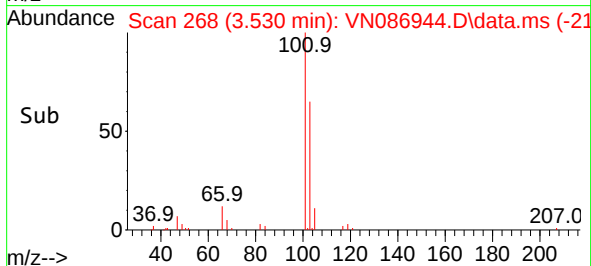
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0611WBS02



Tgt Ion:101 Resp: 68752
 Ion Ratio Lower Upper
 101 100
 103 64.8 52.2 78.2

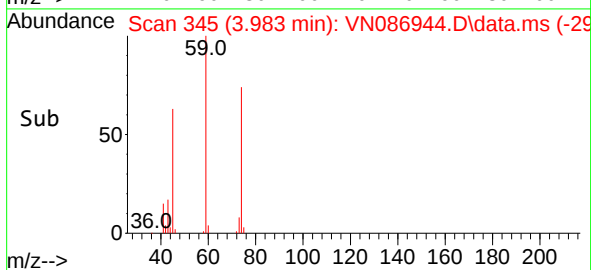
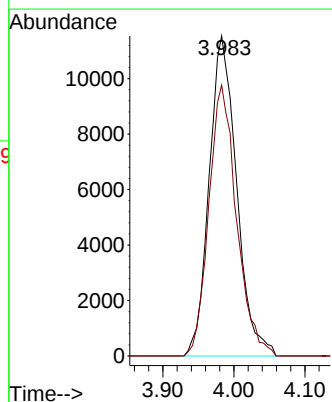
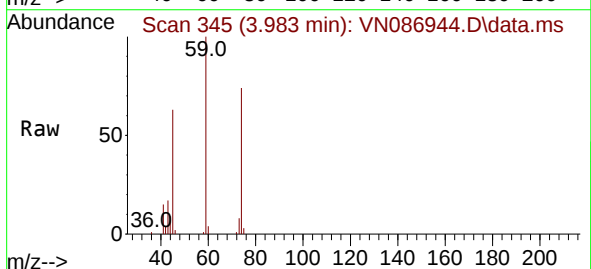
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 Supervised By :Semsettin Yesilyurt 06/12/2025



#8
 Diethyl Ether
 Concen: 19.772 ug/l
 RT: 3.983 min Scan# 345
 Delta R.T. -0.000 min
 Lab File: VN086944.D
 Acq: 11 Jun 2025 13:27

Tgt Ion: 74 Resp: 30914
 Ion Ratio Lower Upper
 74 100
 45 85.5 45.5 136.5





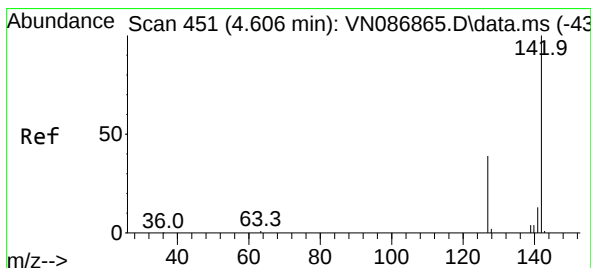
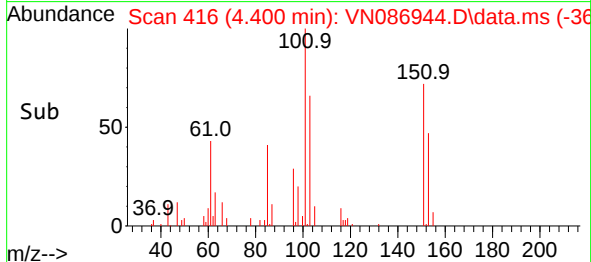
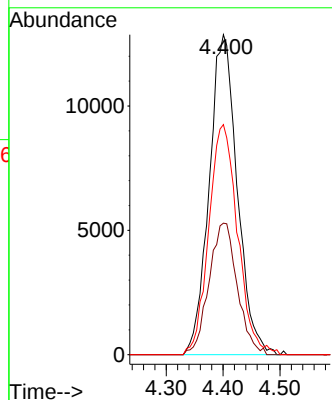
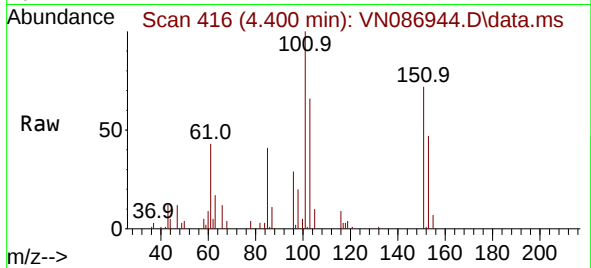
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.568 ug/l
RT: 4.400 min Scan# 415
Delta R.T. 0.006 min
Lab File: VN086944.D
Acq: 11 Jun 2025 13:27

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Tgt Ion:101 Resp: 4411
Ion Ratio Lower Upper
101 100
85 41.5 33.8 50.8
151 74.0 58.7 88.1

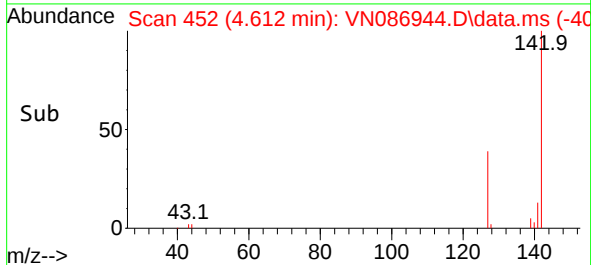
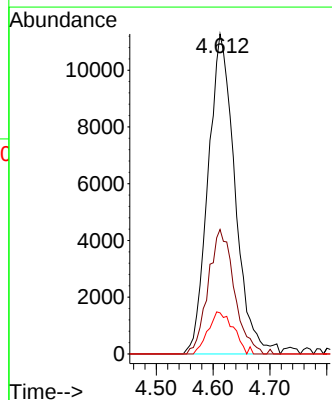
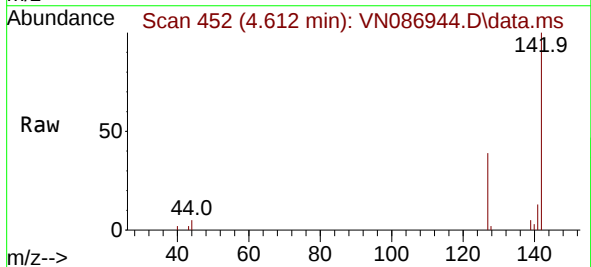
Manual Integrations
APPROVED

Reviewed By :John Carlone 06/12/2025
Supervised By :Semsettin Yesilyurt 06/12/2025



#10
Methyl Iodide
Concen: 12.634 ug/l
RT: 4.612 min Scan# 452
Delta R.T. 0.006 min
Lab File: VN086944.D
Acq: 11 Jun 2025 13:27

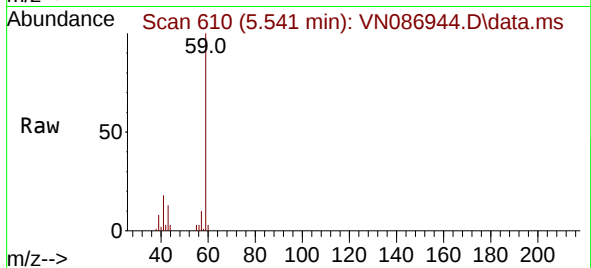
Tgt Ion:142 Resp: 36924
Ion Ratio Lower Upper
142 100
127 38.9 30.9 46.3
141 12.9 10.4 15.6





#11
Tert butyl alcohol
Concen: 92.831 ug/l
RT: 5.541 min Scan# 611
Delta R.T. -0.006 min
Lab File: VN086944.D
Acq: 11 Jun 2025 13:27

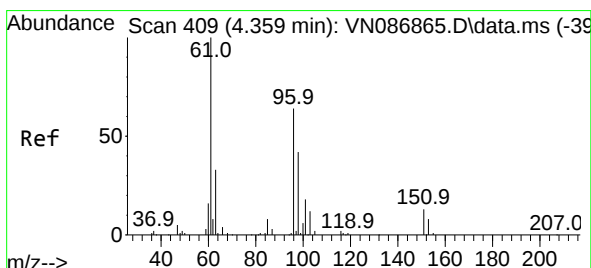
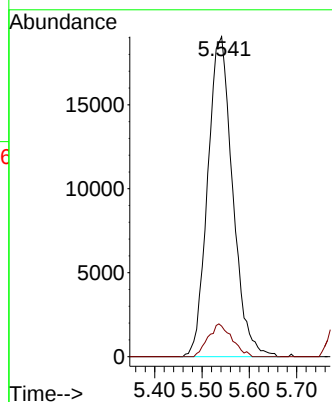
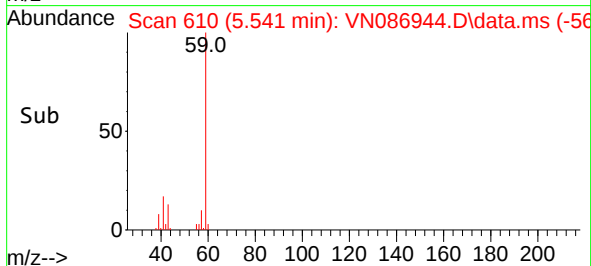
Instrument :
MSVOA_N
ClientSampleId :
VN0611WBS02



Tgt Ion: 59 Resp: 6974
Ion Ratio Lower Upper
59 100
57 9.8 8.1 12.1

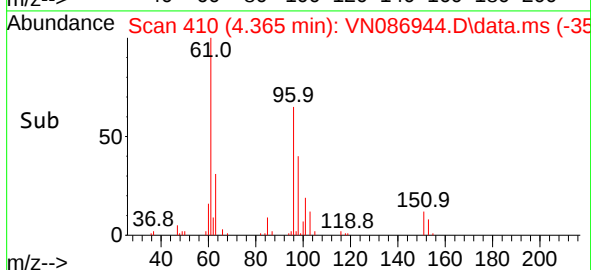
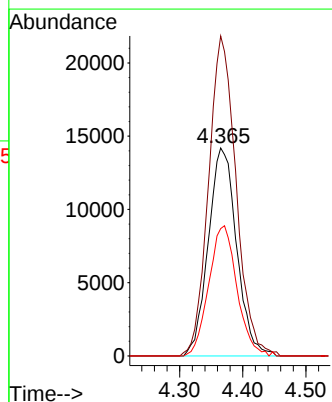
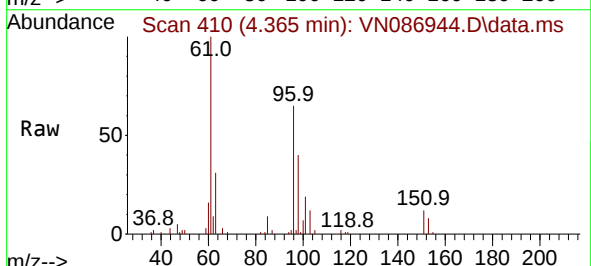
Manual Integrations
APPROVED

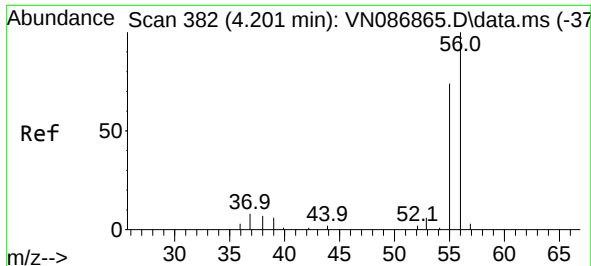
Reviewed By :John Carlone 06/12/2025
Supervised By :Semsettin Yesilyurt 06/12/2025



#12
1,1-Dichloroethene
Concen: 19.233 ug/l
RT: 4.365 min Scan# 410
Delta R.T. 0.006 min
Lab File: VN086944.D
Acq: 11 Jun 2025 13:27

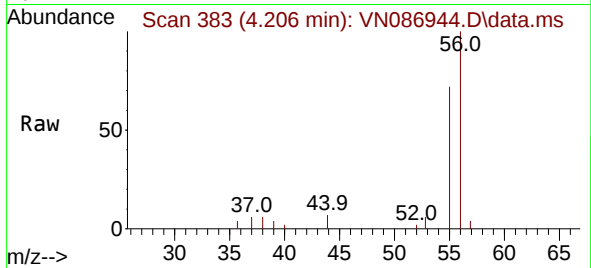
Tgt Ion: 96 Resp: 44269
Ion Ratio Lower Upper
96 100
61 153.8 125.8 188.6
98 61.2 52.5 78.7





#13
Acrolein
Concen: 93.730 ug/l
RT: 4.206 min Scan# 382
Delta R.T. 0.006 min
Lab File: VN086944.D
Acq: 11 Jun 2025 13:27

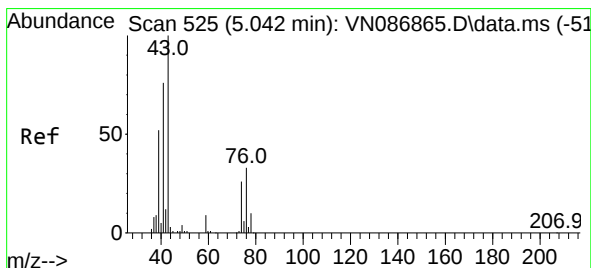
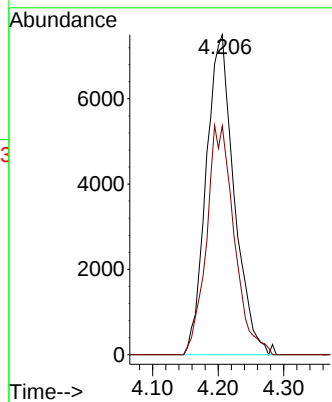
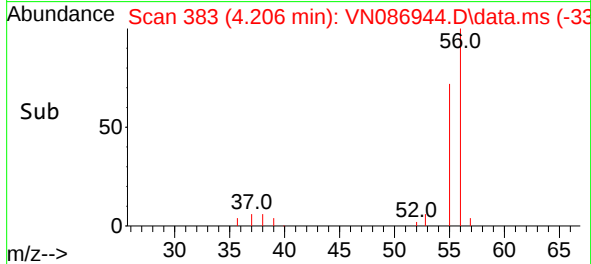
Instrument :
MSVOA_N
ClientSampleId :
VN0611WBS02



Tgt Ion: 56 Resp: 22290
Ion Ratio Lower Upper
56 100
55 70.9 55.6 83.4

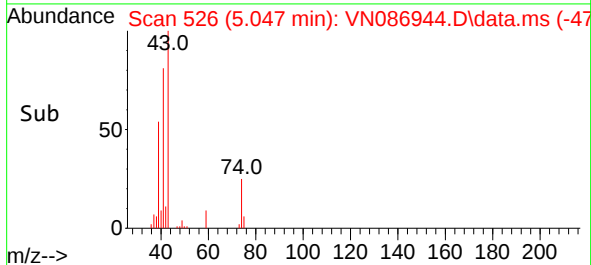
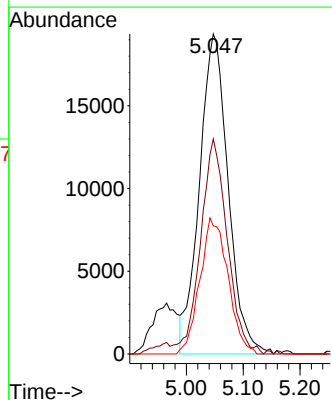
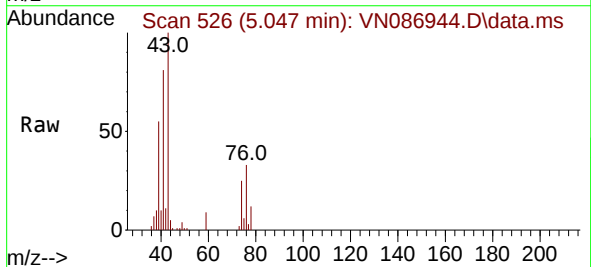
Manual Integrations
APPROVED

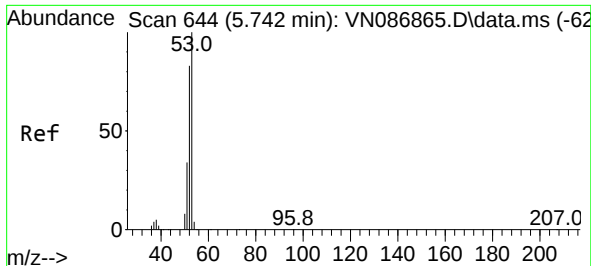
Reviewed By :John Carlone 06/12/2025
Supervised By :Semsettin Yesilyurt 06/12/2025



#14
Allyl chloride
Concen: 17.821 ug/l
RT: 5.047 min Scan# 526
Delta R.T. 0.006 min
Lab File: VN086944.D
Acq: 11 Jun 2025 13:27

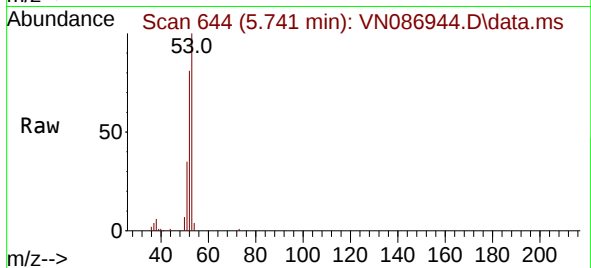
Tgt Ion: 41 Resp: 68027
Ion Ratio Lower Upper
41 100
39 62.5 51.3 76.9
76 41.4 31.4 47.0





#15
Acrylonitrile
Concen: 95.084 ug/l
RT: 5.741 min Scan# 644
Delta R.T. -0.000 min
Lab File: VN086944.D
Acq: 11 Jun 2025 13:27

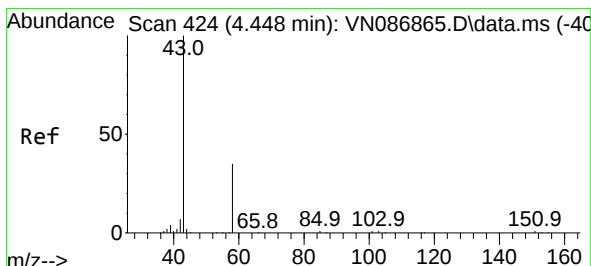
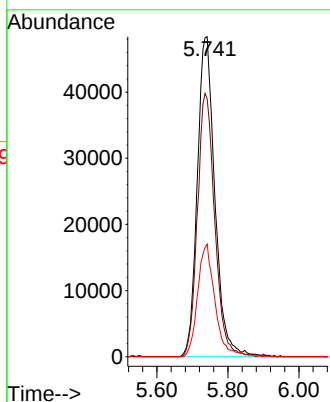
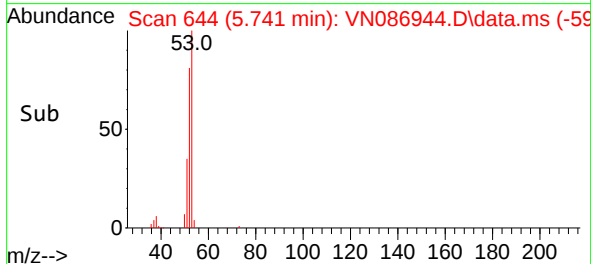
Instrument :
MSVOA_N
ClientSampleId :
VN0611WBS02



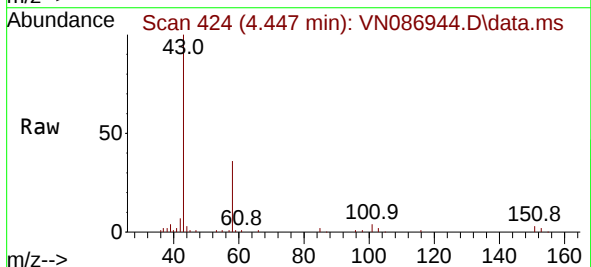
Tgt Ion: 53 Resp: 166972
Ion Ratio Lower Upper
53 100
52 81.1 65.0 97.6
51 34.5 27.2 40.8

Manual Integrations
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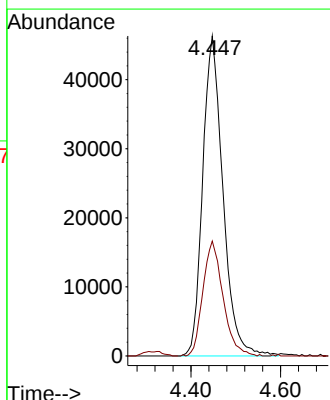
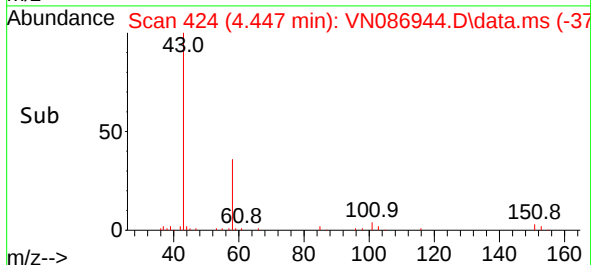
Reviewed By :John Carlone 06/12/2025
Supervised By :Semsettin Yesilyurt 06/12/2025



#16
Acetone
Concen: 98.972 ug/l
RT: 4.447 min Scan# 424
Delta R.T. -0.000 min
Lab File: VN086944.D
Acq: 11 Jun 2025 13:27



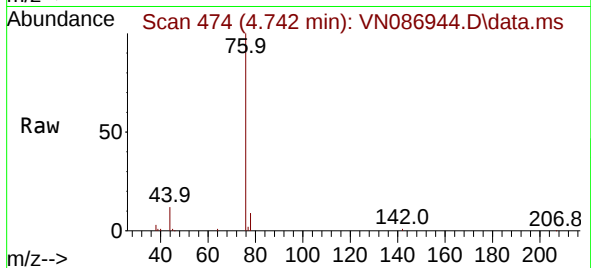
Tgt Ion: 43 Resp: 145322
Ion Ratio Lower Upper
43 100
58 35.9 28.0 42.0





#17
Carbon Disulfide
Concen: 17.769 ug/l
RT: 4.742 min Scan# 41
Delta R.T. 0.012 min
Lab File: VN086944.D
Acq: 11 Jun 2025 13:27

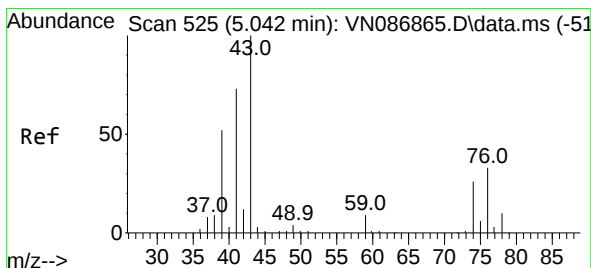
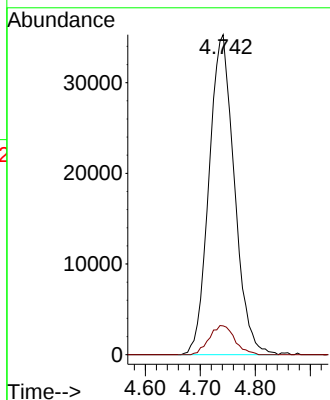
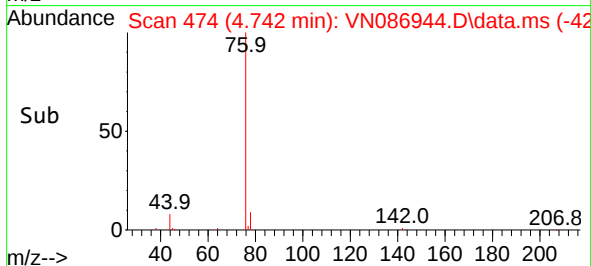
Instrument :
MSVOA_N
ClientSampleId :
VN0611WBS02



Tgt Ion: 76 Resp: 11313
Ion Ratio Lower Upper
76 100
78 9.0 7.3 10.9

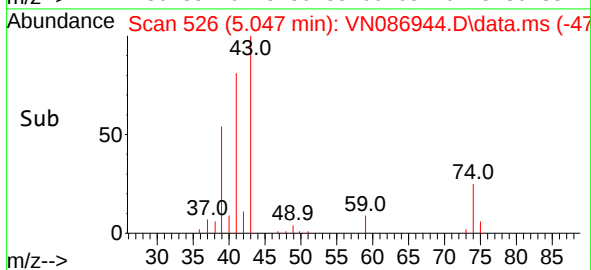
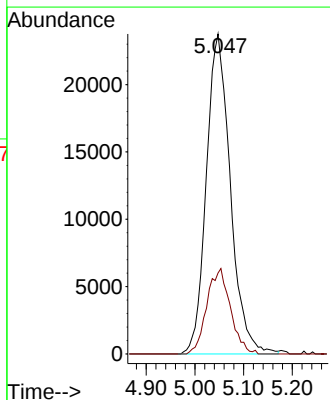
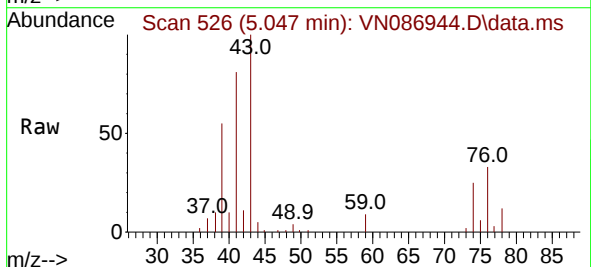
Manual Integrations
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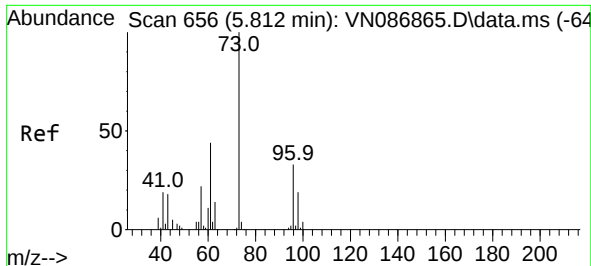
Reviewed By :John Carlone 06/12/2025
Supervised By :Semsettin Yesilyurt 06/12/2025



#18
Methyl Acetate
Concen: 19.013 ug/l
RT: 5.047 min Scan# 526
Delta R.T. 0.006 min
Lab File: VN086944.D
Acq: 11 Jun 2025 13:27

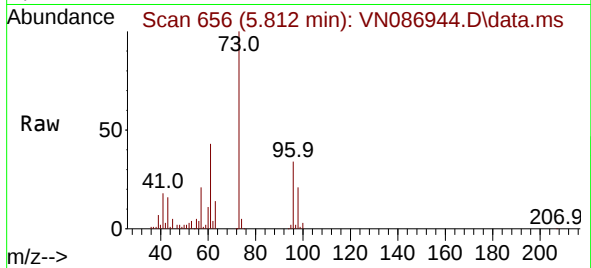
Tgt Ion: 43 Resp: 81357
Ion Ratio Lower Upper
43 100
74 26.2 20.7 31.1





#19
Methyl tert-butyl Ether
Concen: 19.599 ug/l
RT: 5.812 min Scan# 656
Delta R.T. -0.000 min
Lab File: VN086944.D
Acq: 11 Jun 2025 13:27

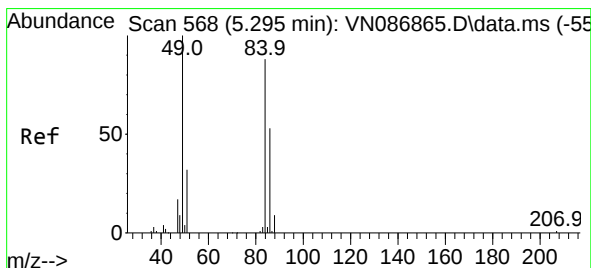
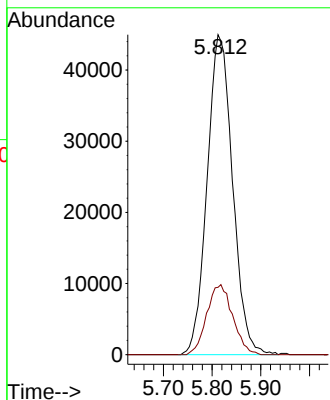
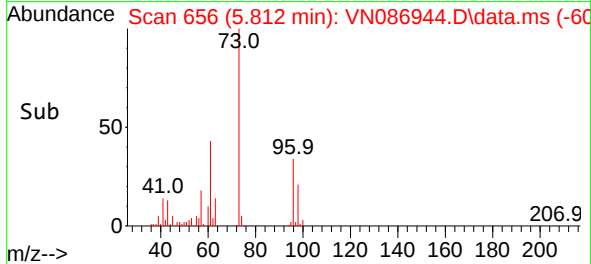
Instrument :
MSVOA_N
ClientSampleId :
VN0611WBS02



Tgt Ion: 73 Resp: 163338
Ion Ratio Lower Upper
73 100
57 21.0 17.4 26.2

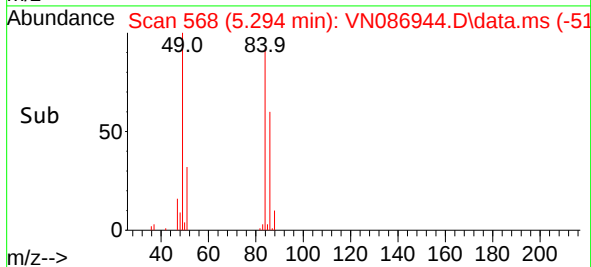
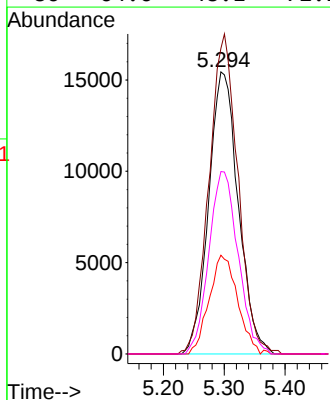
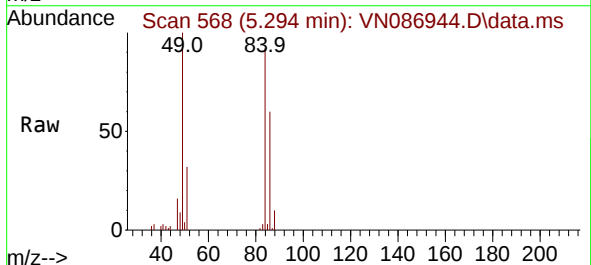
Manual Integrations
APPROVED

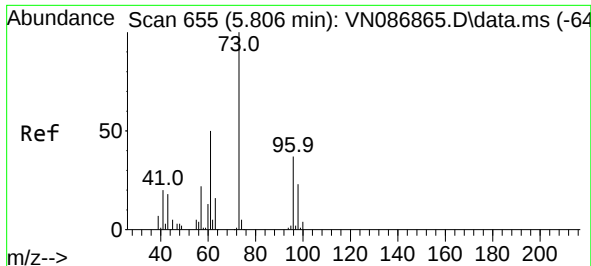
Reviewed By :John Carlone 06/12/2025
Supervised By :Semsettin Yesilyurt 06/12/2025



#20
Methylene Chloride
Concen: 18.988 ug/l
RT: 5.294 min Scan# 568
Delta R.T. -0.000 min
Lab File: VN086944.D
Acq: 11 Jun 2025 13:27

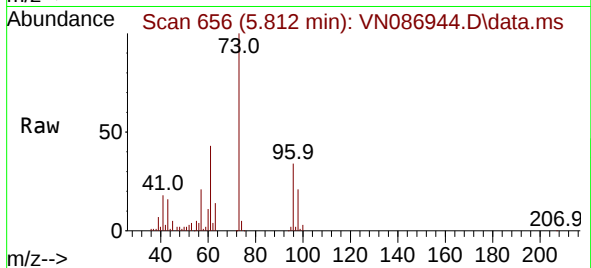
Tgt Ion: 84 Resp: 52196
Ion Ratio Lower Upper
84 100
49 108.4 90.5 135.7
51 35.0 28.5 42.7
86 64.6 48.1 72.1





#21
trans-1,2-Dichloroethene
Concen: 18.464 ug/l
RT: 5.812 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN086944.D
Acq: 11 Jun 2025 13:27

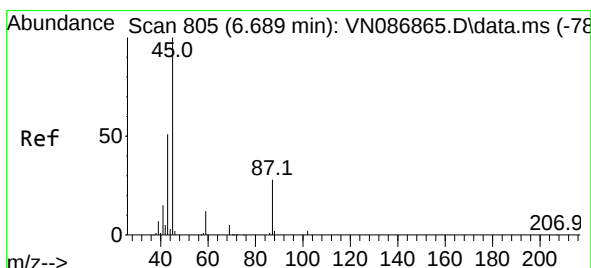
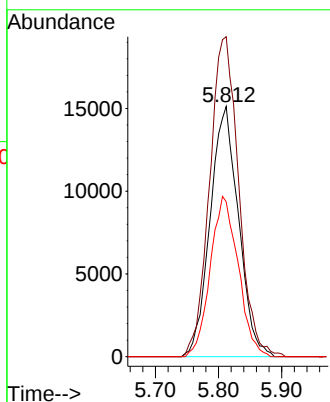
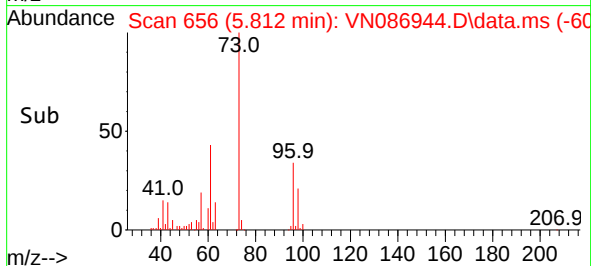
Instrument :
MSVOA_N
ClientSampleId :
VN0611WBS02



Tgt Ion: 96 Resp: 47284
Ion Ratio Lower Upper
96 100
61 127.9 109.2 163.8
98 61.9 49.8 74.8

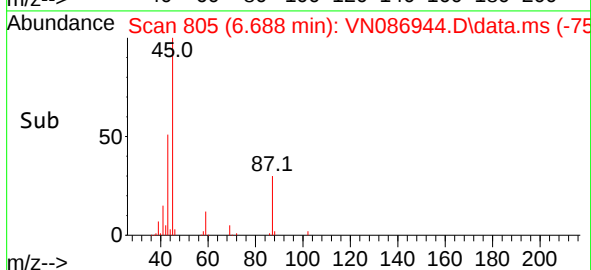
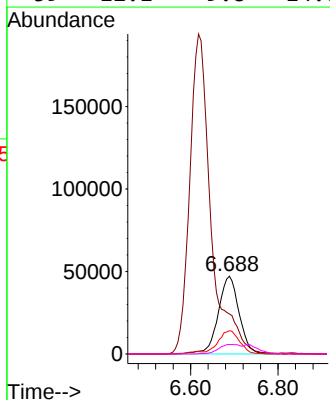
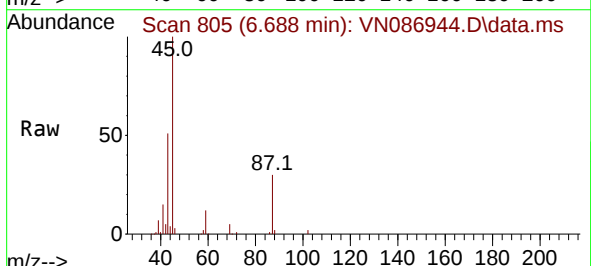
Manual Integrations
APPROVED

Reviewed By :John Carlone 06/12/2025
Supervised By :Semsettin Yesilyurt 06/12/2025



#22
Diisopropyl ether
Concen: 19.326 ug/l
RT: 6.688 min Scan# 805
Delta R.T. -0.000 min
Lab File: VN086944.D
Acq: 11 Jun 2025 13:27

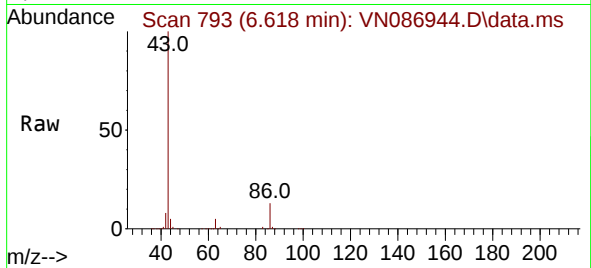
Tgt Ion: 45 Resp: 155508
Ion Ratio Lower Upper
45 100
43 50.5 41.9 62.9
87 29.8 22.4 33.6
59 12.1 9.8 14.6





#23
 Vinyl Acetate
 Concen: 96.092 ug/l
 RT: 6.618 min Scan# 793
 Delta R.T. -0.000 min
 Lab File: VN086944.D
 Acq: 11 Jun 2025 13:27

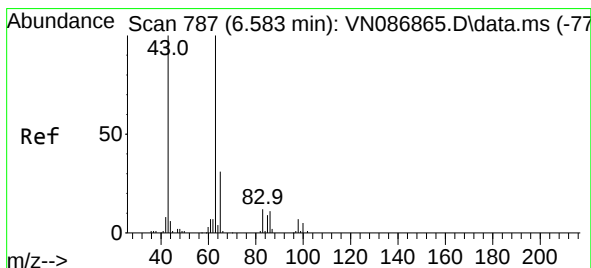
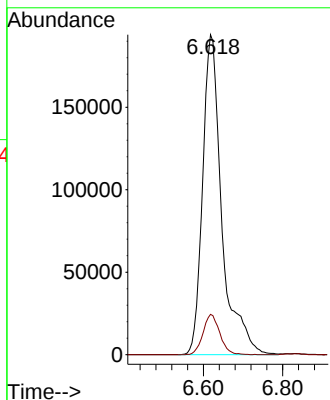
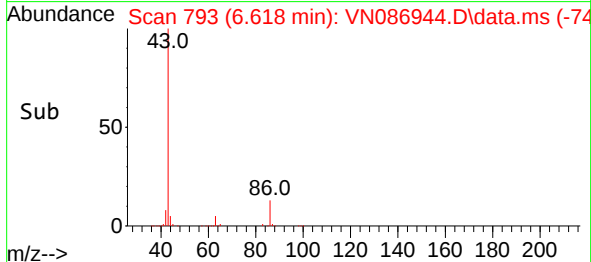
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0611WBS02



Tgt Ion: 43 Resp: 653278
 Ion Ratio Lower Upper
 43 100
 86 12.6 9.5 14.3

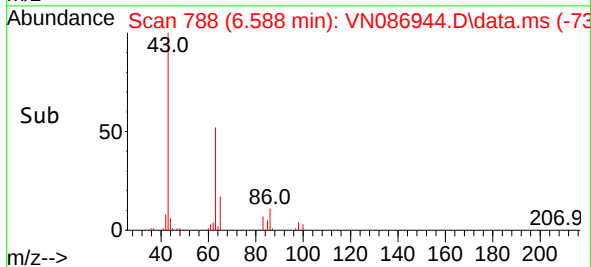
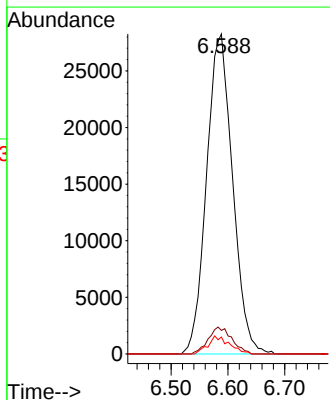
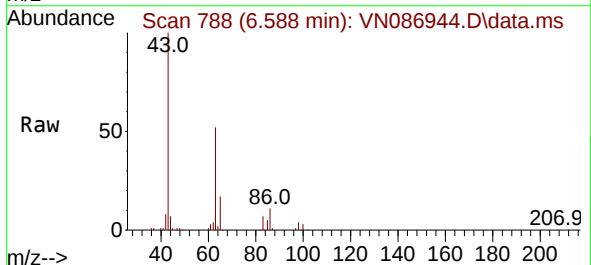
Manual Integrations
 APPROVED

Reviewed By :John Carlone 06/12/2025
 Supervised By :Semsettin Yesilyurt 06/12/2025



#24
 1,1-Dichloroethane
 Concen: 19.421 ug/l
 RT: 6.588 min Scan# 788
 Delta R.T. 0.006 min
 Lab File: VN086944.D
 Acq: 11 Jun 2025 13:27

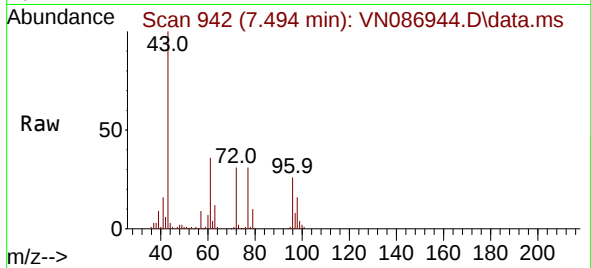
Tgt Ion: 63 Resp: 89930
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.6 10.8
 100 5.3 2.6 7.8





#25
2-Butanone
Concen: 90.401 ug/l
RT: 7.494 min Scan# 942
Delta R.T. -0.000 min
Lab File: VN086944.D
Acq: 11 Jun 2025 13:27

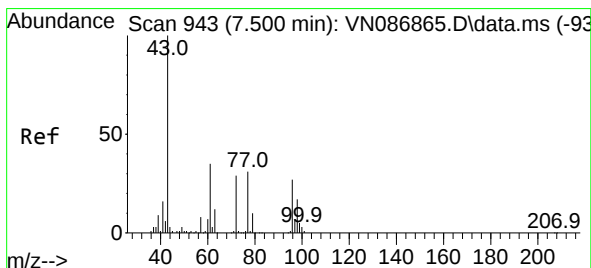
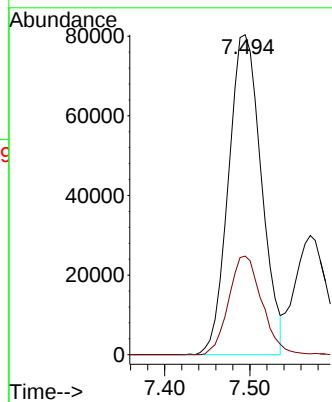
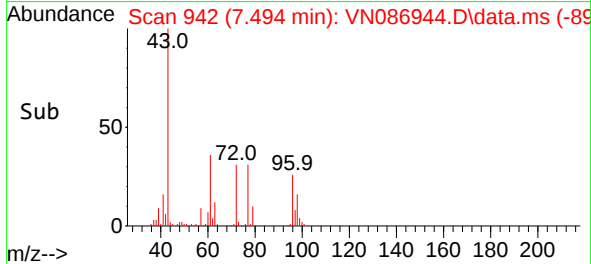
Instrument :
MSVOA_N
Client Sample Id :
VN0611WBS02



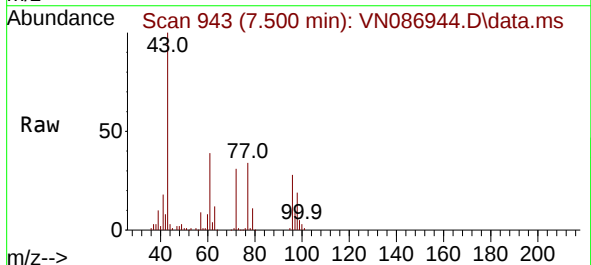
Tgt Ion: 43 Resp: 215760
Ion Ratio Lower Upper
43 100
72 30.8 23.0 34.6

Manual Integrations
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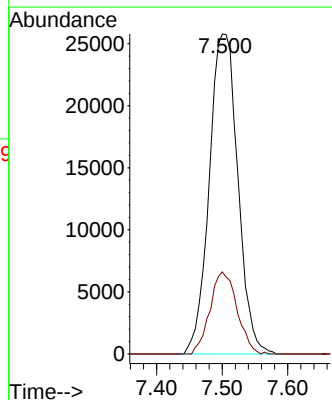
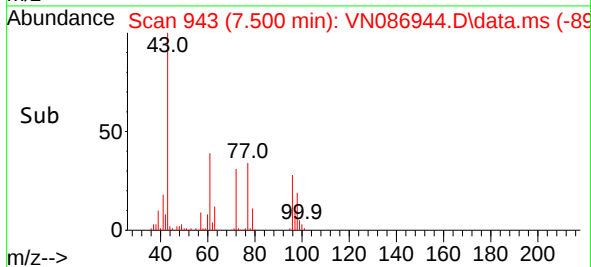
Reviewed By :John Carlone 06/12/2025
Supervised By :Semsettin Yesilyurt 06/12/2025



#26
2,2-Dichloropropane
Concen: 21.663 ug/l
RT: 7.500 min Scan# 943
Delta R.T. -0.000 min
Lab File: VN086944.D
Acq: 11 Jun 2025 13:27



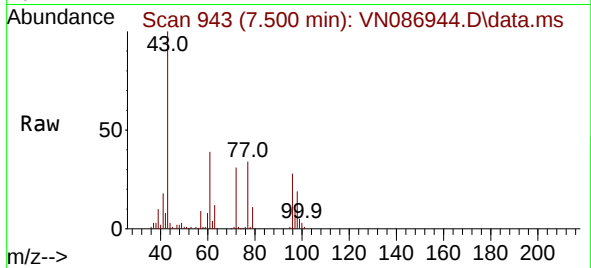
Tgt Ion: 77 Resp: 78031
Ion Ratio Lower Upper
77 100
97 24.3 11.6 34.7





#27
 cis-1,2-Dichloroethene
 Concen: 19.453 ug/l
 RT: 7.500 min Scan# 943
 Delta R.T. -0.000 min
 Lab File: VN086944.D
 Acq: 11 Jun 2025 13:27

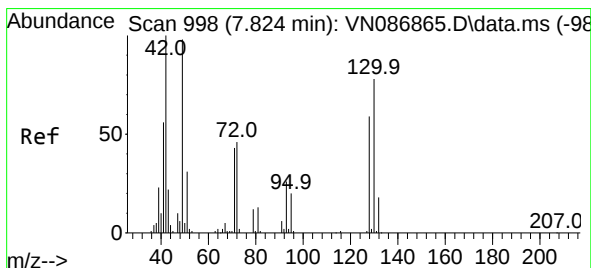
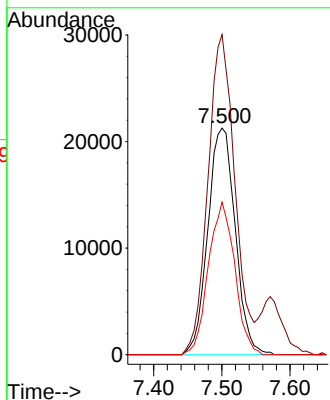
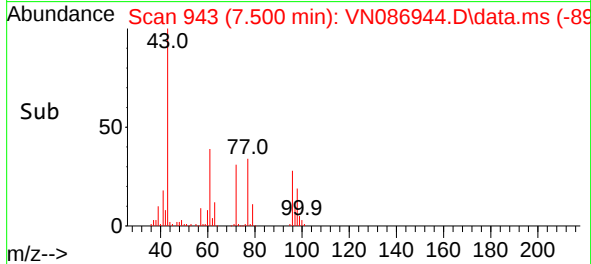
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0611WBS02



Tgt Ion: 96 Resp: 59578
 Ion Ratio Lower Upper
 96 100
 61 138.3 0.0 278.0
 98 64.6 0.0 128.2

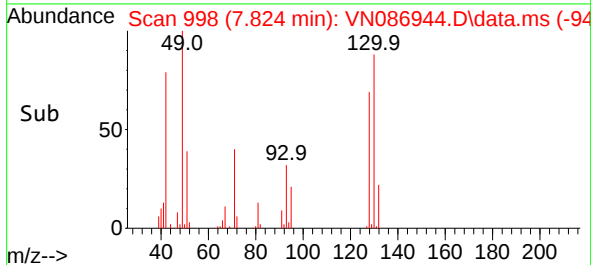
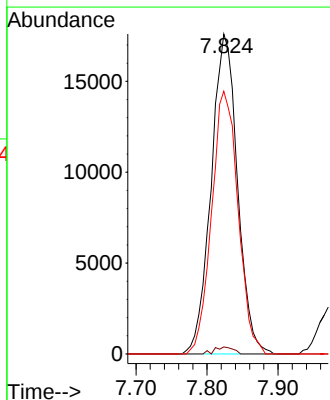
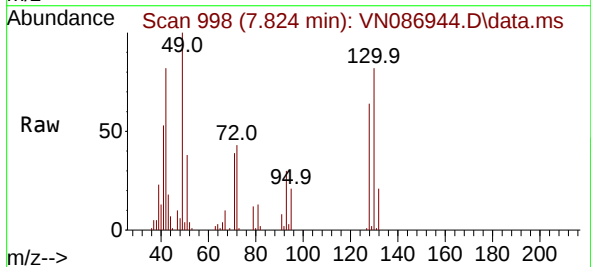
Manual Integrations
 APPROVED

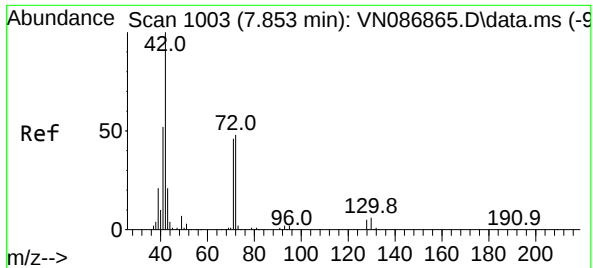
Reviewed By :John Carlone 06/12/2025
 Supervised By :Semsettin Yesilyurt 06/12/2025



#28
 Bromochloromethane
 Concen: 19.909 ug/l
 RT: 7.824 min Scan# 998
 Delta R.T. -0.000 min
 Lab File: VN086944.D
 Acq: 11 Jun 2025 13:27

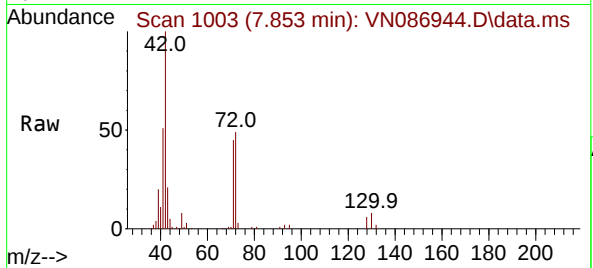
Tgt Ion: 49 Resp: 45329
 Ion Ratio Lower Upper
 49 100
 129 1.6 0.0 3.8
 130 82.2 62.2 93.2





#29
Tetrahydrofuran
Concen: 92.532 ug/l
RT: 7.853 min Scan# 1003
Delta R.T. -0.000 min
Lab File: VN086944.D
Acq: 11 Jun 2025 13:27

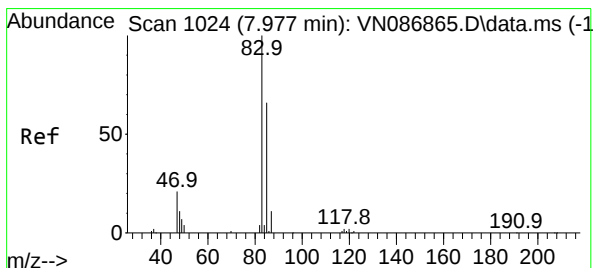
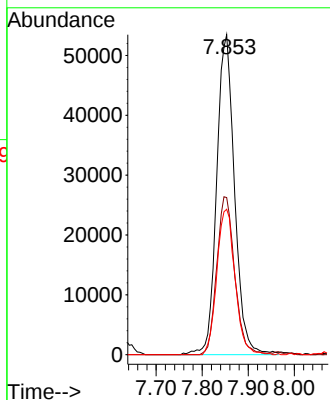
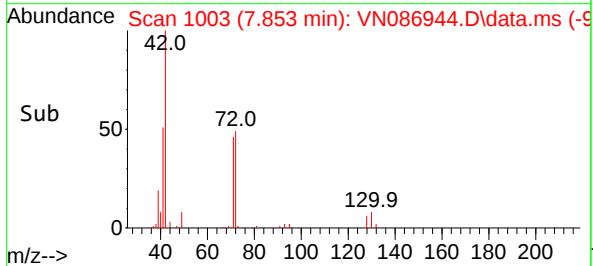
Instrument :
MSVOA_N
ClientSampleId :
VN0611WBS02



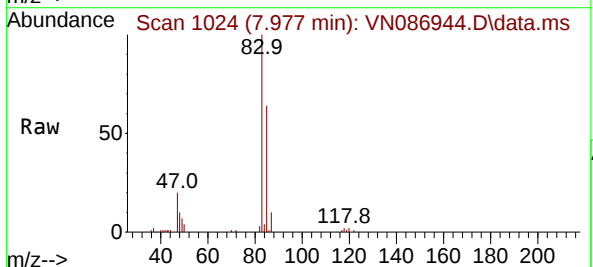
Tgt Ion: 42 Resp: 143860
Ion Ratio Lower Upper
42 100
72 49.4 37.8 56.6
71 46.2 35.6 53.4

Manual Integrations
APPROVED

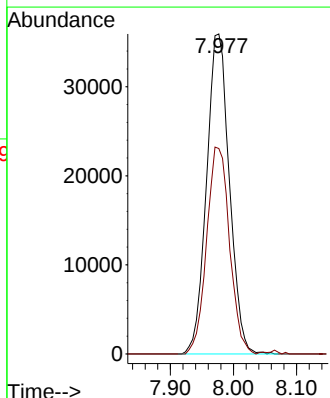
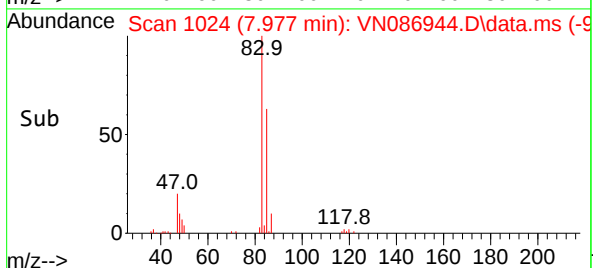
Reviewed By :John Carlone 06/12/2025
Supervised By :Semsettin Yesilyurt 06/12/2025

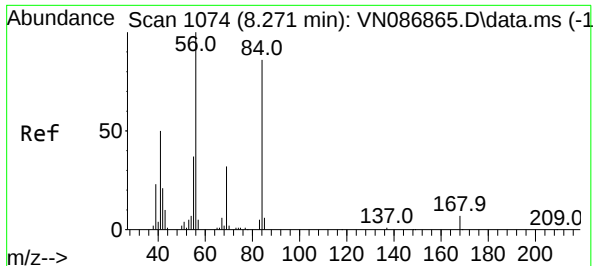


#30
Chloroform
Concen: 19.521 ug/l
RT: 7.977 min Scan# 1024
Delta R.T. -0.000 min
Lab File: VN086944.D
Acq: 11 Jun 2025 13:27



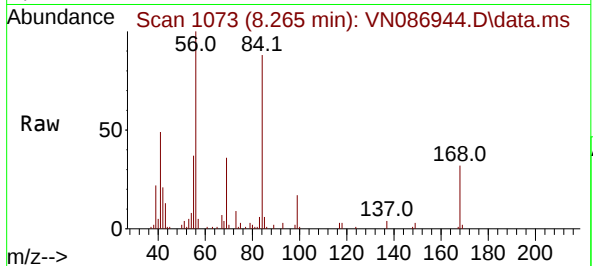
Tgt Ion: 83 Resp: 90272
Ion Ratio Lower Upper
83 100
85 64.2 52.9 79.3





#31
Cyclohexane
Concen: 17.603 ug/l
RT: 8.265 min Scan# 1073
Delta R.T. -0.006 min
Lab File: VN086944.D
Acq: 11 Jun 2025 13:27

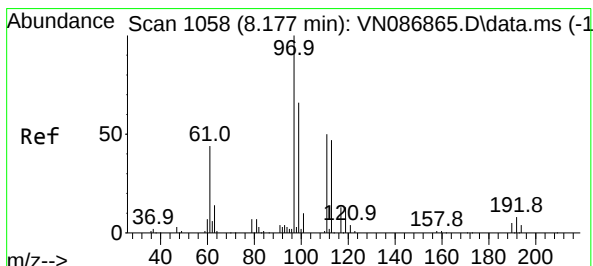
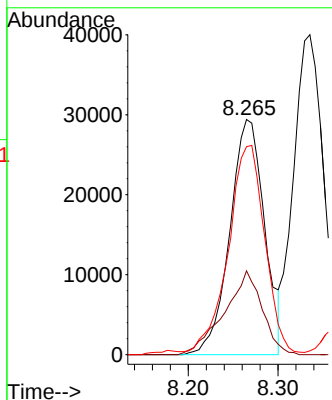
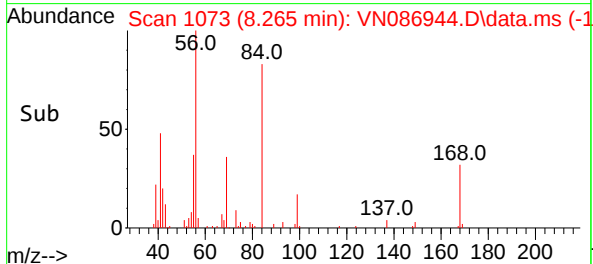
Instrument :
MSVOA_N
ClientSampleId :
VN0611WBS02



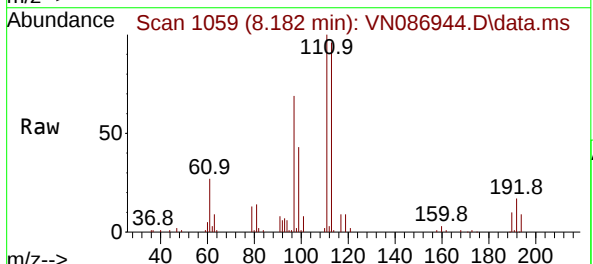
Tgt Ion: 56 Resp: 79050
Ion Ratio Lower Upper
56 100
69 35.7 25.4 38.0
84 87.1 68.8 103.2

Manual Integrations
APPROVED

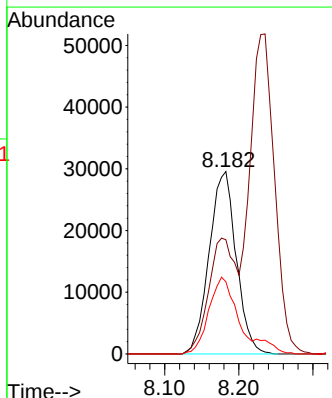
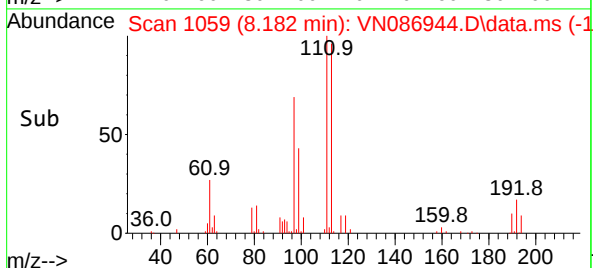
Reviewed By :John Carlone 06/12/2025
Supervised By :Semsettin Yesilyurt 06/12/2025

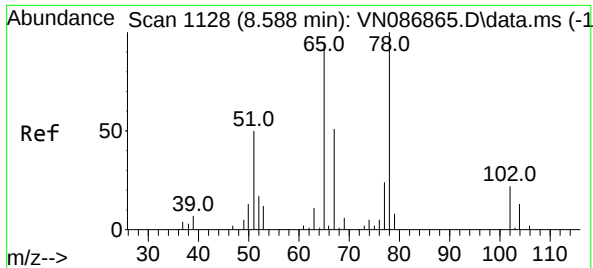


#32
1,1,1-Trichloroethane
Concen: 19.033 ug/l
RT: 8.182 min Scan# 1059
Delta R.T. 0.006 min
Lab File: VN086944.D
Acq: 11 Jun 2025 13:27



Tgt Ion: 97 Resp: 74861
Ion Ratio Lower Upper
97 100
99 64.2 52.0 78.0
61 47.9 35.9 53.9





#33

1,2-Dichloroethane-d4

Concen: 47.075 ug/l

RT: 8.588 min Scan# 1128

Delta R.T. -0.000 min

Lab File: VN086944.D

Acq: 11 Jun 2025 13:27

Instrument :

MSVOA_N

ClientSampleId :

VN0611WBS02

Tgt Ion: 65 Resp: 13034

Ion Ratio Lower Upper

65 100

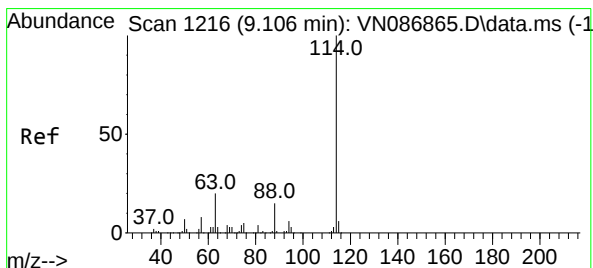
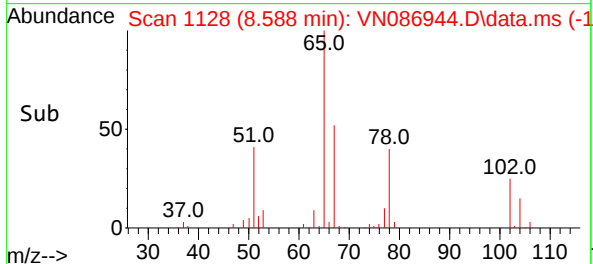
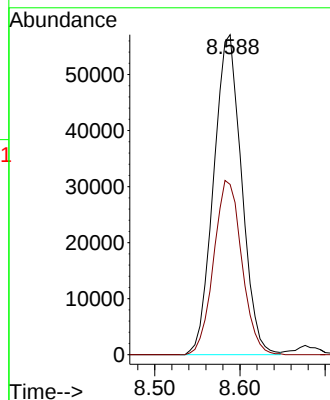
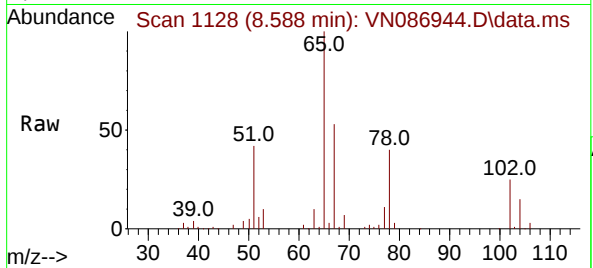
67 54.7 0.0 105.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/12/2025

Supervised By :Semsettin Yesilyurt 06/12/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. -0.000 min

Lab File: VN086944.D

Acq: 11 Jun 2025 13:27

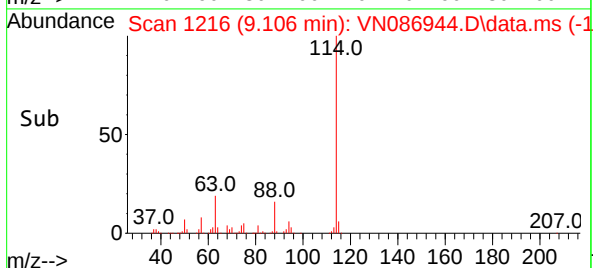
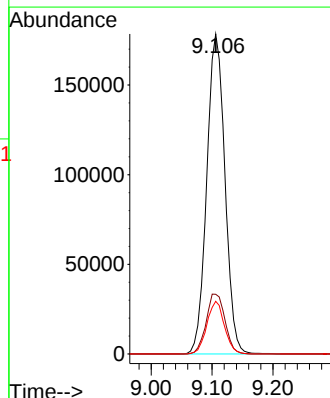
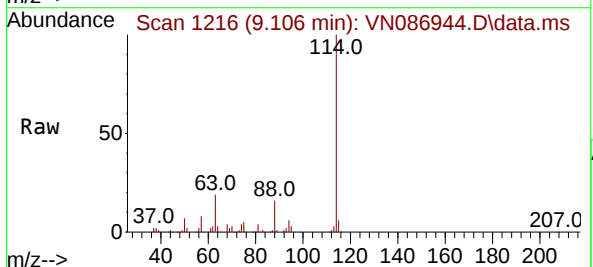
Tgt Ion:114 Resp: 370524

Ion Ratio Lower Upper

114 100

63 18.7 0.0 39.6

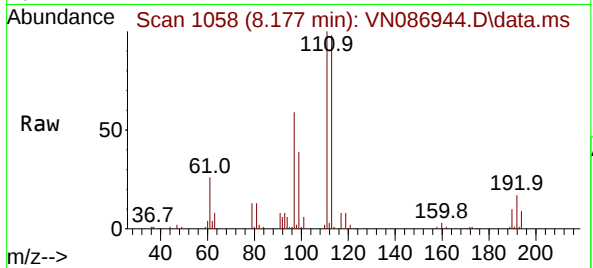
88 16.4 0.0 30.2





#35
Dibromofluoromethane
Concen: 51.096 ug/l
RT: 8.177 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN086944.D
Acq: 11 Jun 2025 13:27

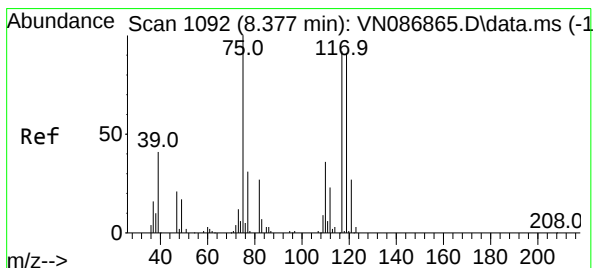
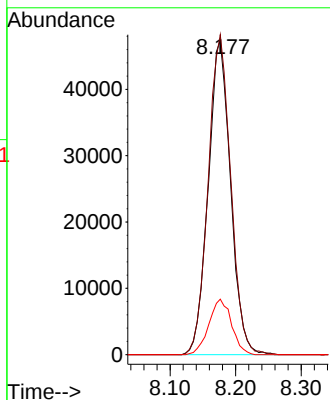
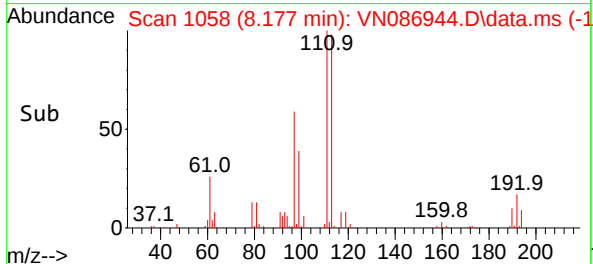
Instrument :
MSVOA_N
ClientSampleId :
VN0611WBS02



Tgt Ion: 113 Resp: 112198
Ion Ratio Lower Upper
113 100
111 102.8 84.2 126.2
192 17.9 14.2 21.4

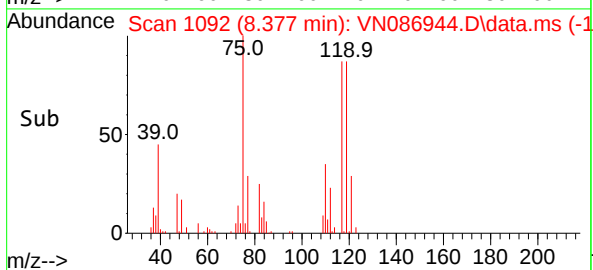
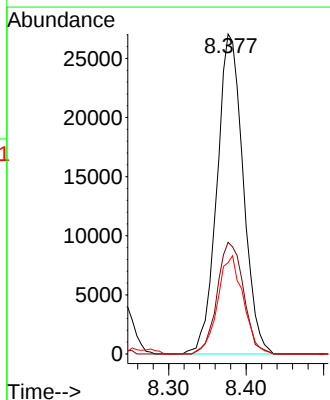
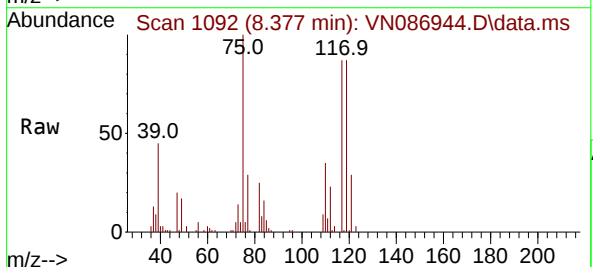
Manual Integrations
APPROVED

Reviewed By :John Carlone 06/12/2025
Supervised By :Semsettin Yesilyurt 06/12/2025



#36
1,1-Dichloropropene
Concen: 19.431 ug/l
RT: 8.377 min Scan# 1092
Delta R.T. -0.000 min
Lab File: VN086944.D
Acq: 11 Jun 2025 13:27

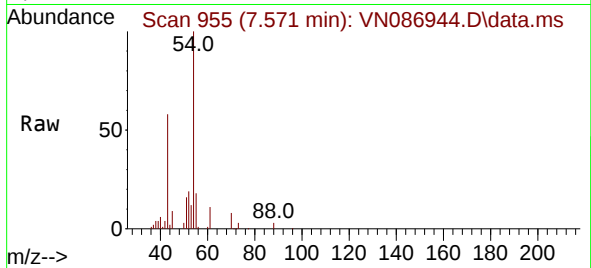
Tgt Ion: 75 Resp: 63577
Ion Ratio Lower Upper
75 100
110 35.1 17.6 52.9
77 30.1 25.3 37.9





#37
Ethyl Acetate
Concen: 19.306 ug/l
RT: 7.571 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN086944.D
Acq: 11 Jun 2025 13:27

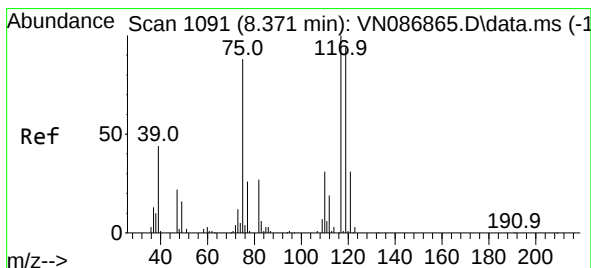
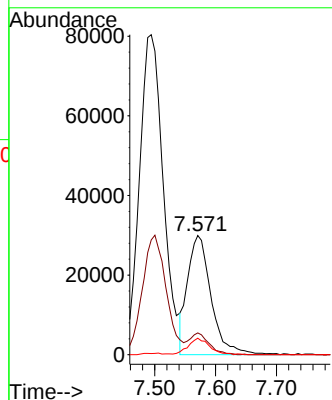
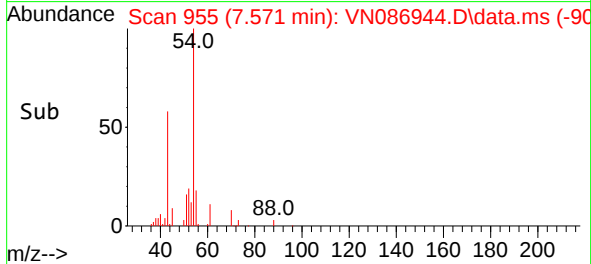
Instrument :
MSVOA_N
ClientSampleId :
VN0611WBS02



Tgt Ion: 43 Resp: 8041
Ion Ratio Lower Upper
43 100
61 15.4 12.1 18.1
70 12.3 9.8 14.6

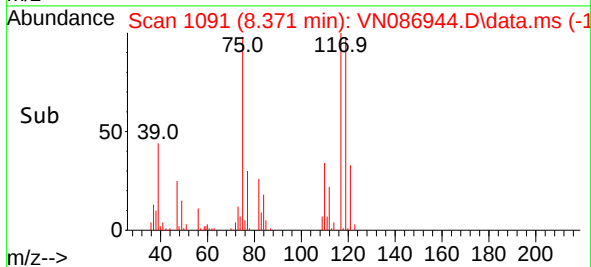
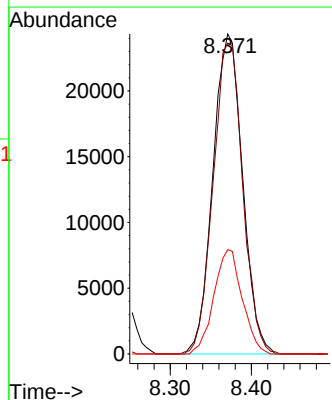
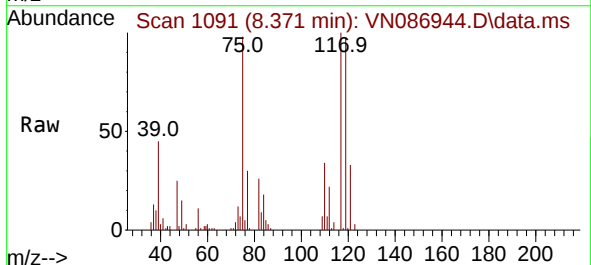
Manual Integrations
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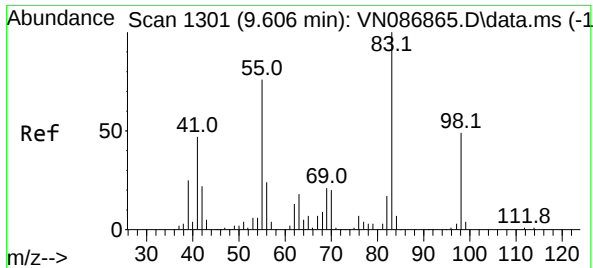
Reviewed By :John Carlone 06/12/2025
Supervised By :Semsettin Yesilyurt 06/12/2025



#38
Carbon Tetrachloride
Concen: 19.222 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.000 min
Lab File: VN086944.D
Acq: 11 Jun 2025 13:27

Tgt Ion:117 Resp: 61747
Ion Ratio Lower Upper
117 100
119 97.1 75.0 112.6
121 32.6 24.9 37.3





#39

Methylcyclohexane

Concen: 16.947 ug/l

RT: 9.606 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN086944.D

Acq: 11 Jun 2025 13:27

Instrument :

MSVOA_N

ClientSampleId :

VN0611WBS02

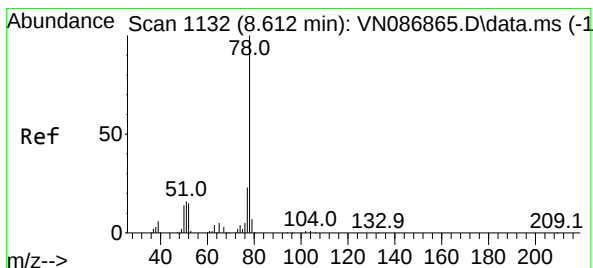
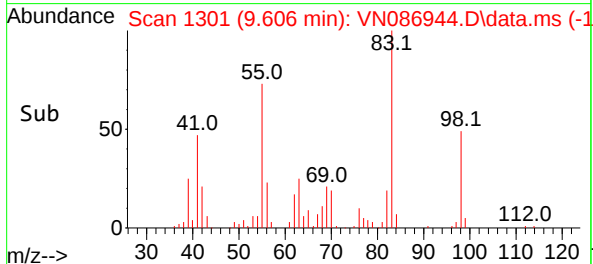
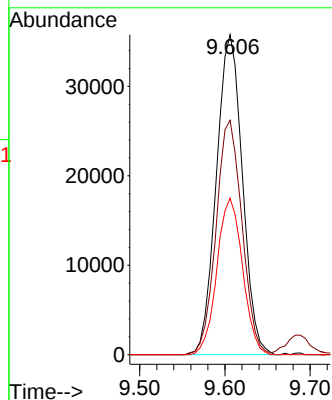
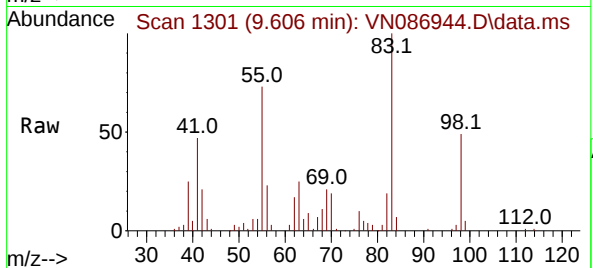
Tgt Ion: 83 Resp: 7597
 Ion Ratio Lower Upper
 83 100
 55 73.2 61.0 91.6
 98 48.9 38.9 58.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/12/2025

Supervised By :Semsettin Yesilyurt 06/12/2025



#40

Benzene

Concen: 19.277 ug/l

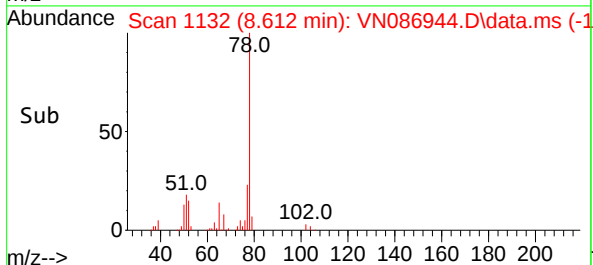
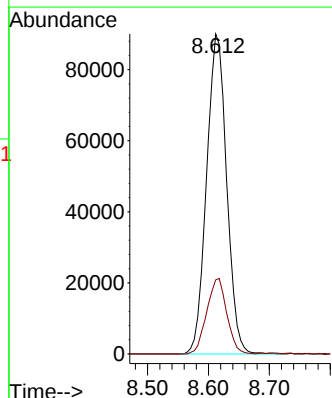
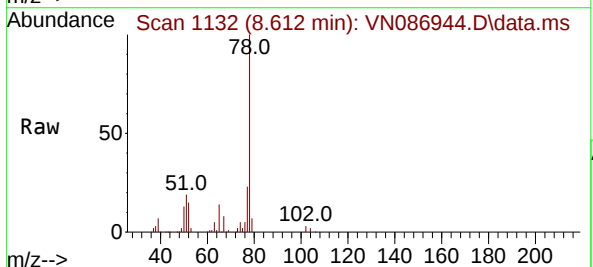
RT: 8.612 min Scan# 1132

Delta R.T. -0.000 min

Lab File: VN086944.D

Acq: 11 Jun 2025 13:27

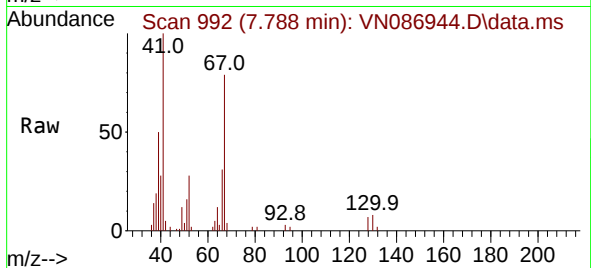
Tgt Ion: 78 Resp: 206255
 Ion Ratio Lower Upper
 78 100
 77 23.1 18.7 28.1





#41
Methacrylonitrile
Concen: 18.218 ug/l
RT: 7.788 min Scan# 992
Delta R.T. -0.000 min
Lab File: VN086944.D
Acq: 11 Jun 2025 13:27

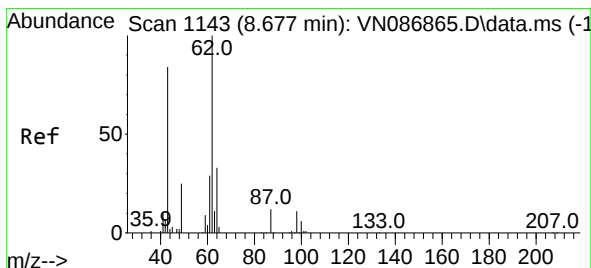
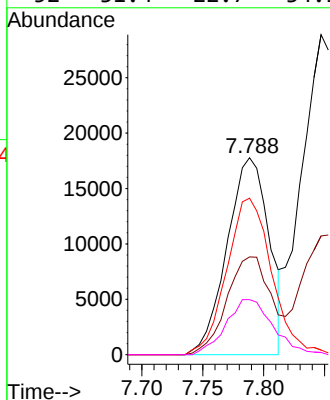
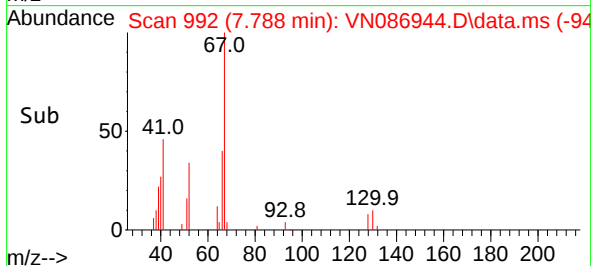
Instrument :
MSVOA_N
ClientSampleId :
VN0611WBS02



Tgt Ion: 41 Resp: 4261
Ion Ratio Lower Upper
41 100
39 53.5 41.2 61.8
67 85.5 61.4 92.2
52 31.4 22.7 34.1

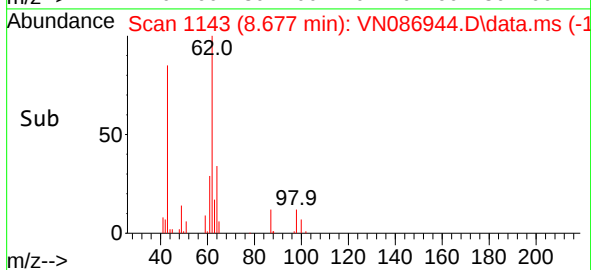
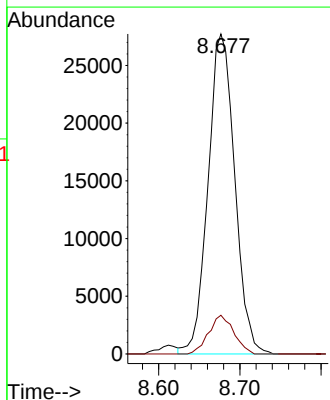
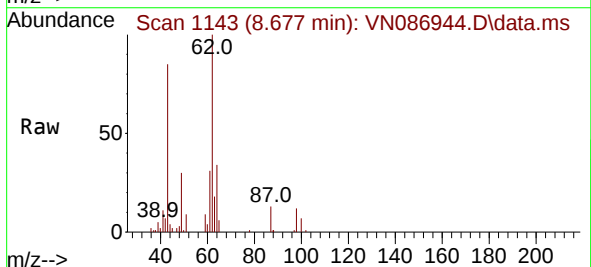
Manual Integrations
APPROVED

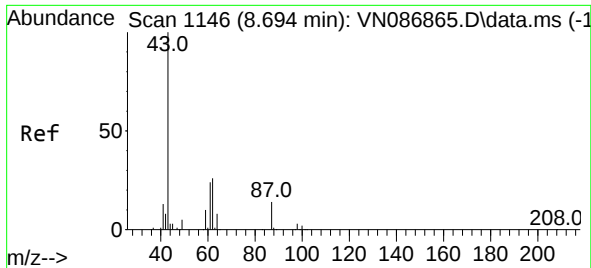
Reviewed By :John Carlone 06/12/2025
Supervised By :Semsettin Yesilyurt 06/12/2025



#42
1,2-Dichloroethane
Concen: 19.530 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN086944.D
Acq: 11 Jun 2025 13:27

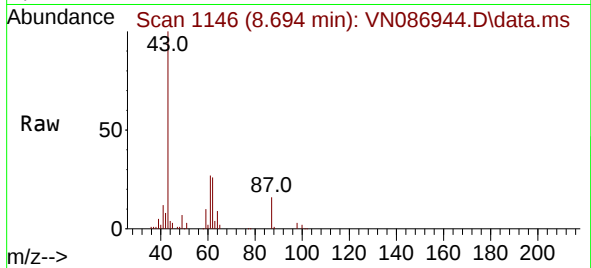
Tgt Ion: 62 Resp: 63379
Ion Ratio Lower Upper
62 100
98 11.4 0.0 21.2





#43
Isopropyl Acetate
Concen: 18.984 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VN086944.D
Acq: 11 Jun 2025 13:27

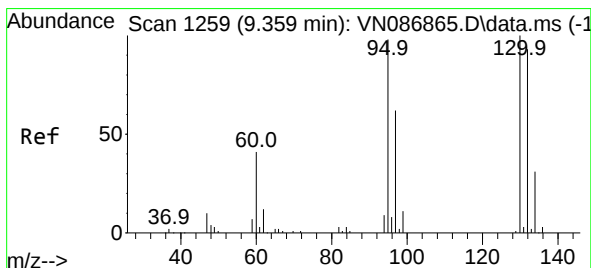
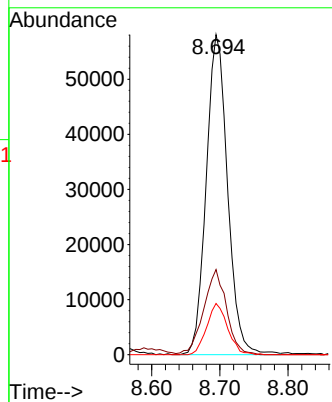
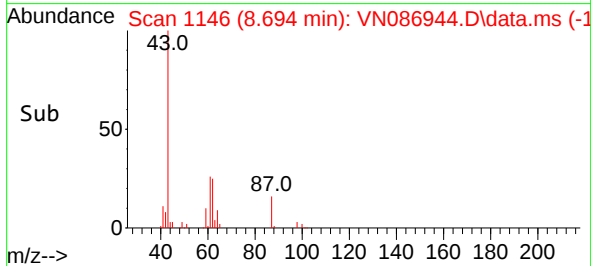
Instrument :
MSVOA_N
ClientSampleId :
VN0611WBS02



Tgt Ion: 43 Resp: 126914
Ion Ratio Lower Upper
43 100
61 28.5 22.1 33.1
87 15.6 11.8 17.6

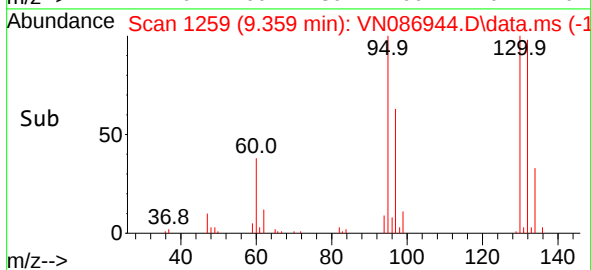
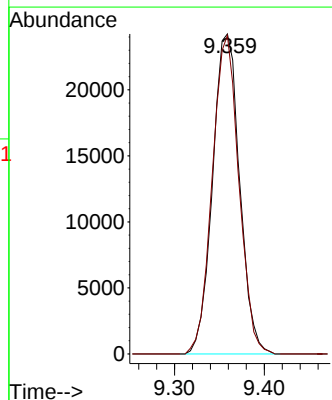
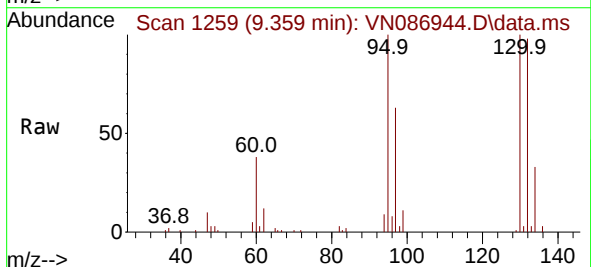
Manual Integrations
APPROVED

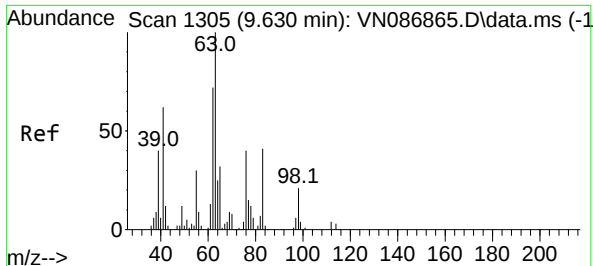
Reviewed By :John Carlone 06/12/2025
Supervised By :Semsettin Yesilyurt 06/12/2025



#44
Trichloroethene
Concen: 19.942 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VN086944.D
Acq: 11 Jun 2025 13:27

Tgt Ion:130 Resp: 50593
Ion Ratio Lower Upper
130 100
95 99.6 0.0 196.2





#45

1,2-Dichloropropane

Concen: 19.628 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. -0.006 min

Lab File: VN086944.D

Acq: 11 Jun 2025 13:27

Instrument :

MSVOA_N

ClientSampleId :

VN0611WBS02

Tgt Ion: 63 Resp: 5109

Ion Ratio Lower Upper

63 100

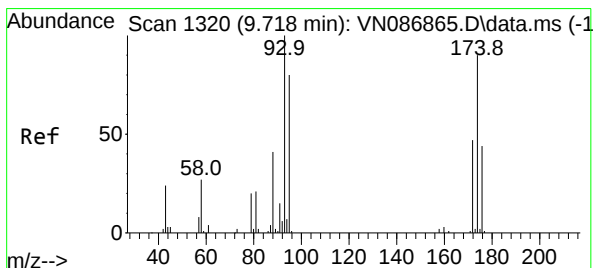
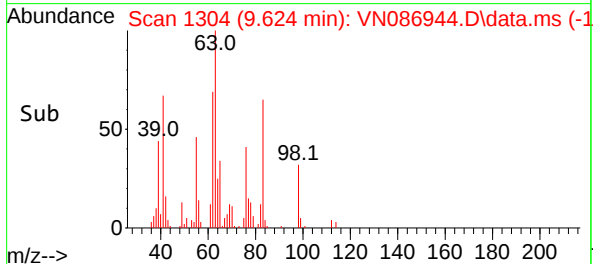
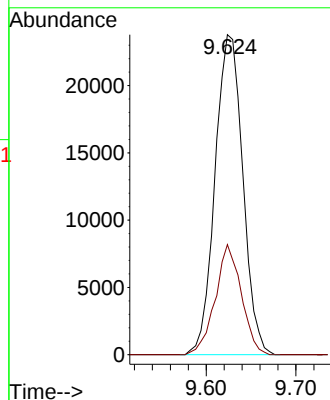
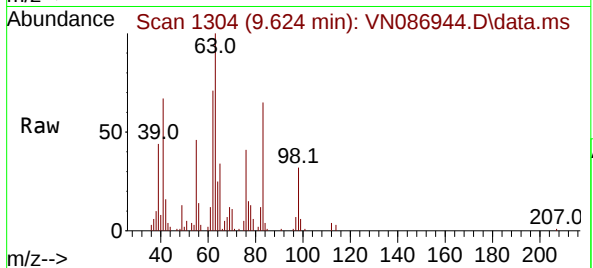
65 34.4 25.5 38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/12/2025

Supervised By :Semsettin Yesilyurt 06/12/2025



#46

Dibromomethane

Concen: 20.093 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.006 min

Lab File: VN086944.D

Acq: 11 Jun 2025 13:27

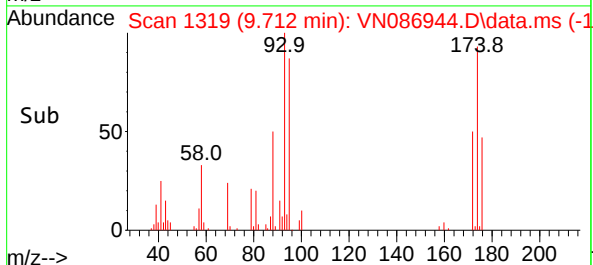
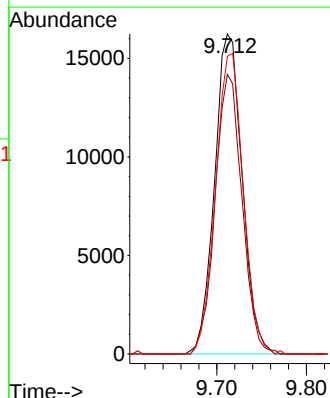
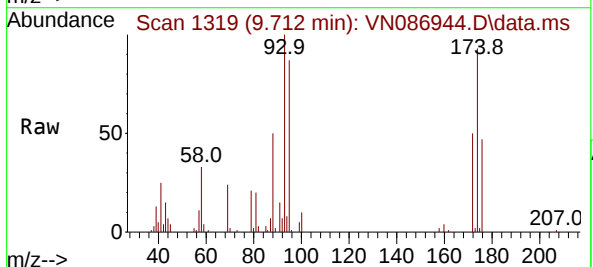
Tgt Ion: 93 Resp: 34741

Ion Ratio Lower Upper

93 100

95 85.1 67.1 100.7

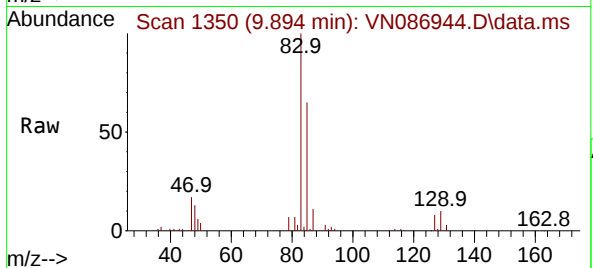
174 94.0 74.2 111.4





#47
Bromodichloromethane
Concen: 19.634 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. -0.000 min
Lab File: VN086944.D
Acq: 11 Jun 2025 13:27

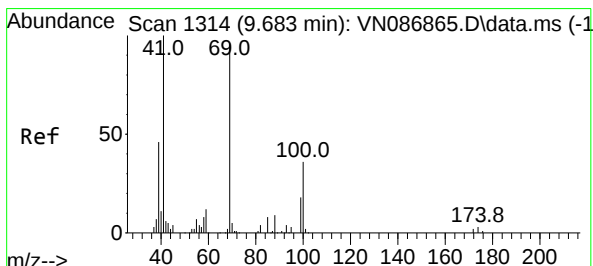
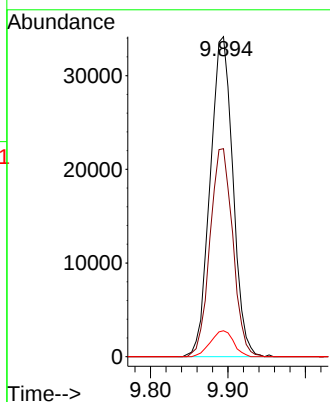
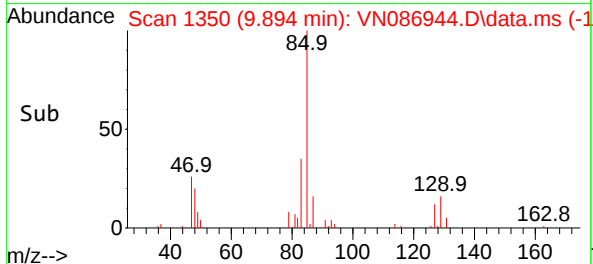
Instrument :
MSVOA_N
ClientSampleId :
VN0611WBS02



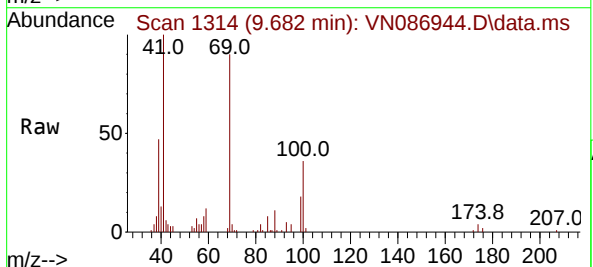
Tgt Ion: 83 Resp: 6984
Ion Ratio Lower Upper
83 100
85 65.0 50.9 76.3
127 8.1 6.6 10.0

Manual Integrations
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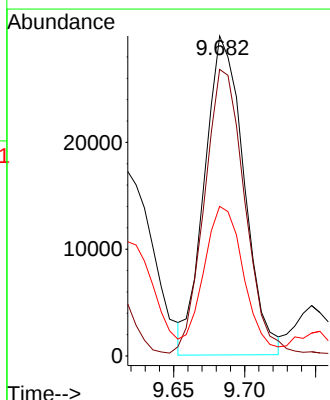
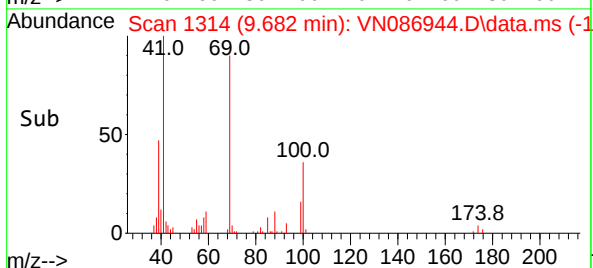
Reviewed By :John Carlone 06/12/2025
Supervised By :Semsettin Yesilyurt 06/12/2025

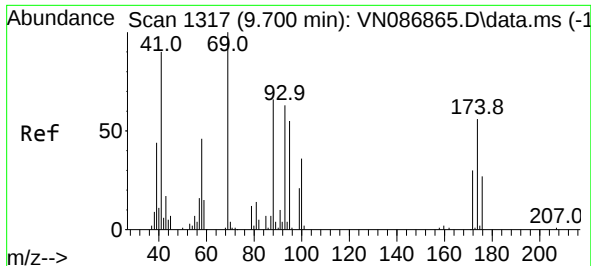


#48
Methyl methacrylate
Concen: 18.771 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VN086944.D
Acq: 11 Jun 2025 13:27



Tgt Ion: 41 Resp: 57757
Ion Ratio Lower Upper
41 100
69 93.3 74.6 112.0
39 48.5 40.2 60.4





#49

1,4-Dioxane

Concen: 409.347 ug/l

RT: 9.706 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN086944.D

Acq: 11 Jun 2025 13:27

Instrument :

MSVOA_N

ClientSampleId :

VN0611WBS02

Tgt Ion: 88 Resp: 22914

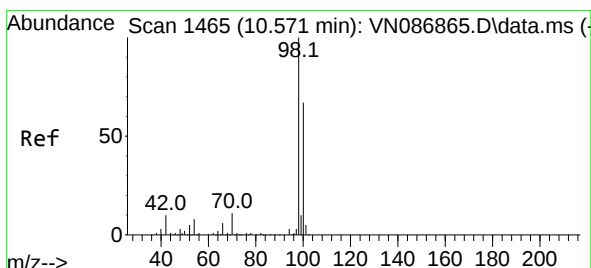
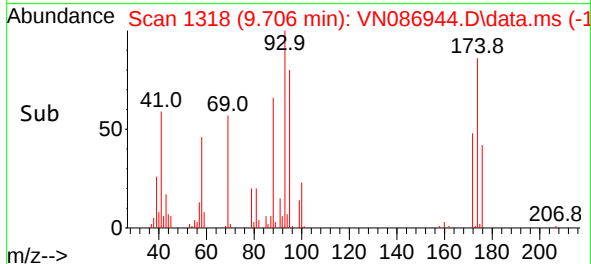
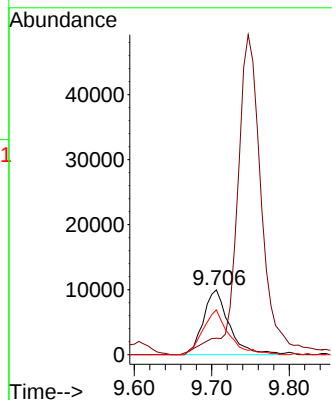
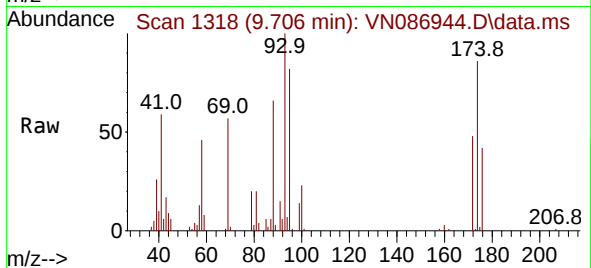
Ion	Ratio	Lower	Upper
88	100		
43	0.0	0.0	0.0
58	69.9	57.7	86.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/12/2025

Supervised By :Semsettin Yesilyurt 06/12/2025



#50

Toluene-d8

Concen: 48.706 ug/l

RT: 10.571 min Scan# 1465

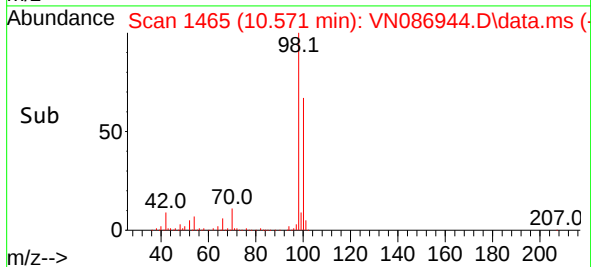
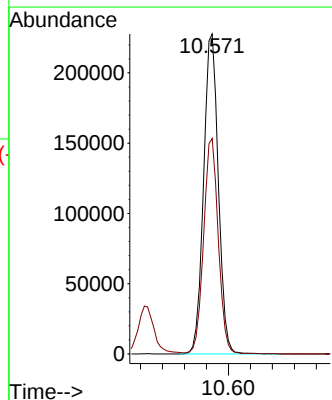
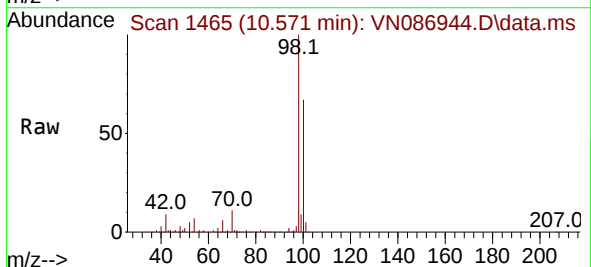
Delta R.T. -0.000 min

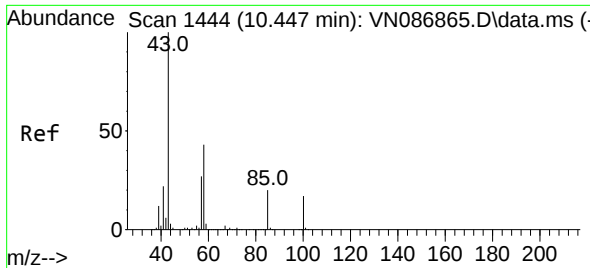
Lab File: VN086944.D

Acq: 11 Jun 2025 13:27

Tgt Ion: 98 Resp: 423380

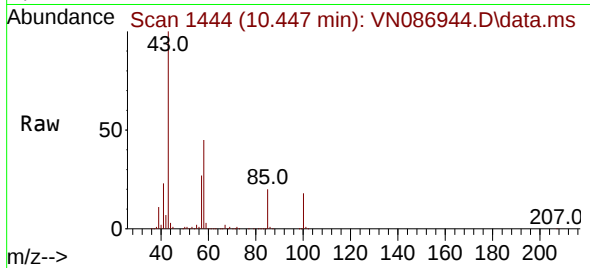
Ion	Ratio	Lower	Upper
98	100		
100	67.3	53.4	80.0





#51
4-Methyl-2-Pentanone
Concen: 97.997 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN086944.D
Acq: 11 Jun 2025 13:27

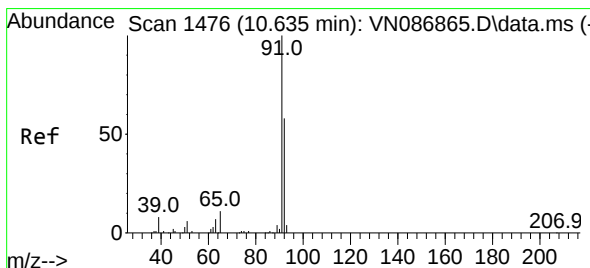
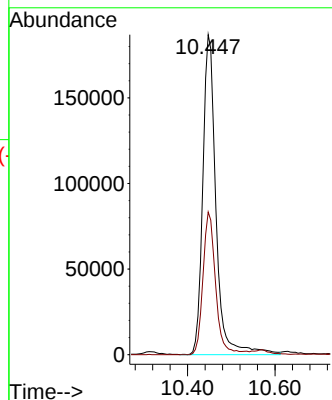
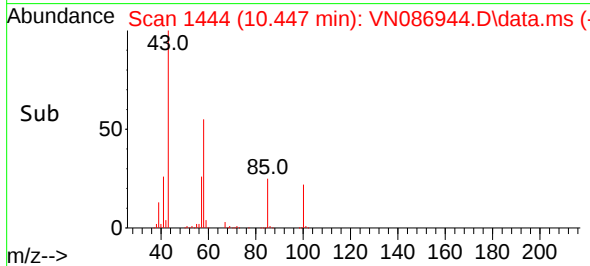
Instrument :
MSVOA_N
ClientSampleId :
VN0611WBS02



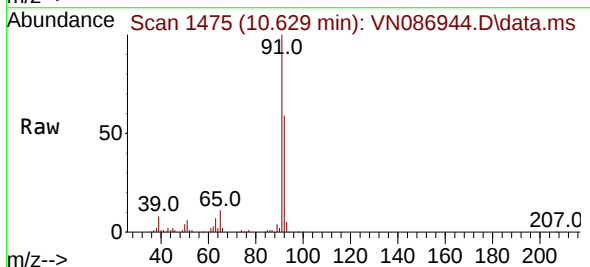
Tgt Ion: 43 Resp: 394390
Ion Ratio Lower Upper
43 100
58 42.4 34.2 51.4

Manual Integrations
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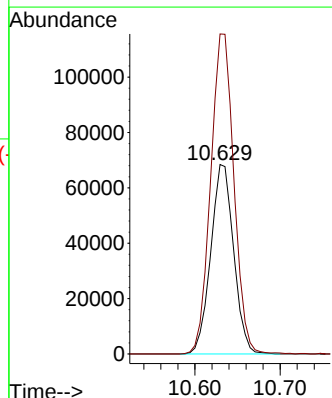
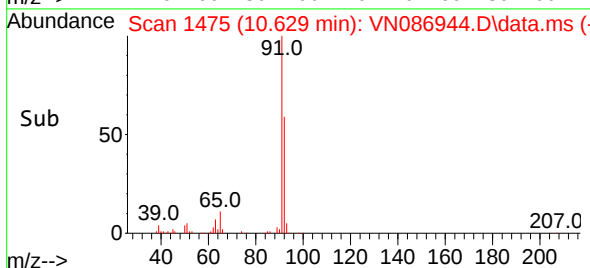
Reviewed By :John Carlone 06/12/2025
Supervised By :Semsettin Yesilyurt 06/12/2025

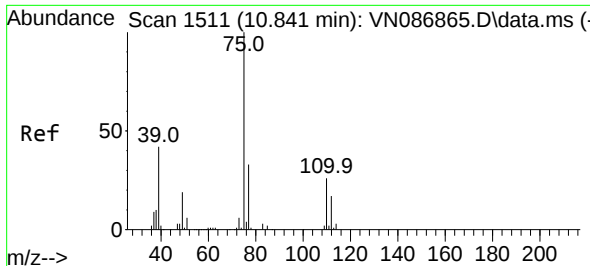


#52
Toluene
Concen: 19.509 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VN086944.D
Acq: 11 Jun 2025 13:27



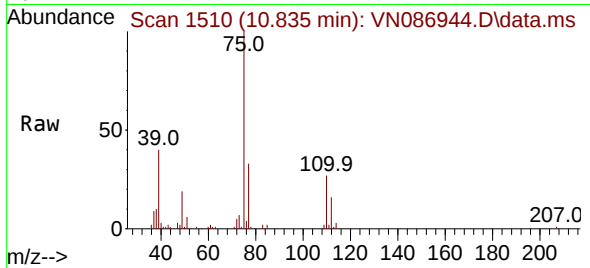
Tgt Ion: 92 Resp: 127563
Ion Ratio Lower Upper
92 100
91 171.7 136.5 204.7





#53
t-1,3-Dichloropropene
Concen: 19.917 ug/l
RT: 10.835 min Scan# 1511
Delta R.T. -0.006 min
Lab File: VN086944.D
Acq: 11 Jun 2025 13:27

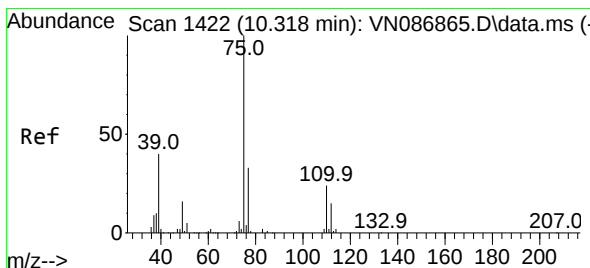
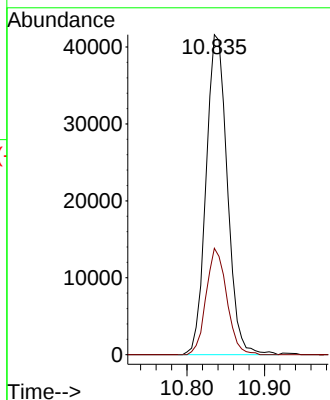
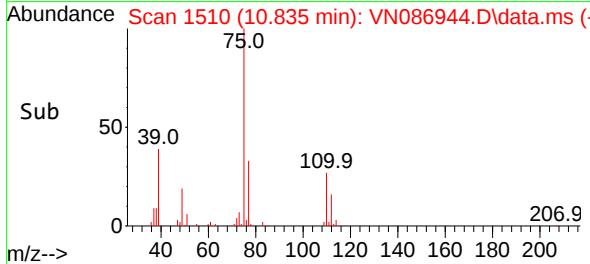
Instrument :
MSVOA_N
ClientSampleId :
VN0611WBS02



Tgt Ion: 75 Resp: 79224
Ion Ratio Lower Upper
75 100
77 33.3 26.4 39.6

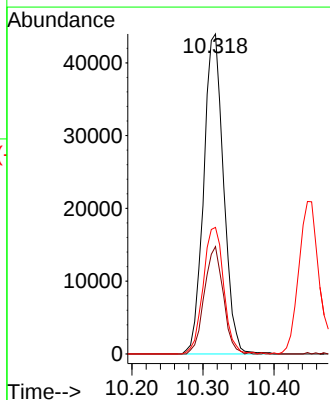
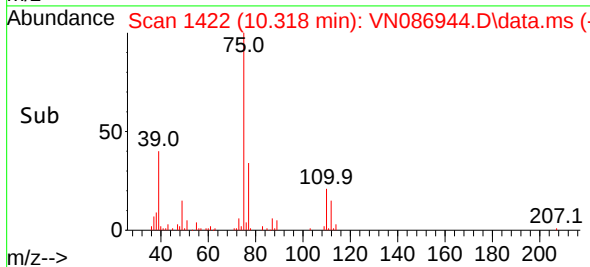
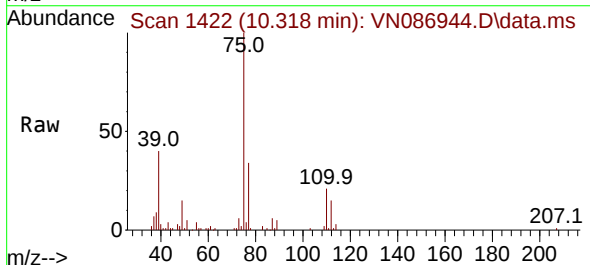
Manual Integrations
APPROVED

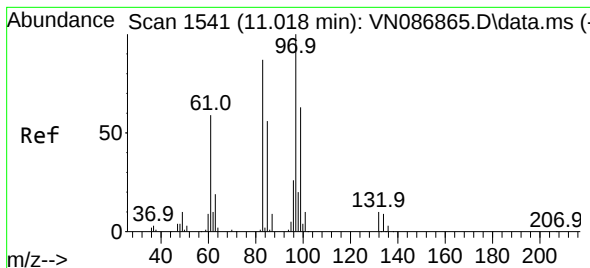
Reviewed By :John Carlone 06/12/2025
Supervised By :Semsettin Yesilyurt 06/12/2025



#54
cis-1,3-Dichloropropene
Concen: 20.109 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. -0.000 min
Lab File: VN086944.D
Acq: 11 Jun 2025 13:27

Tgt Ion: 75 Resp: 85586
Ion Ratio Lower Upper
75 100
77 33.6 26.2 39.4
39 39.5 32.3 48.5





#55

1,1,2-Trichloroethane

Concen: 20.438 ug/l

RT: 11.018 min Scan# 1541

Delta R.T. -0.000 min

Lab File: VN086944.D

Acq: 11 Jun 2025 13:27

Instrument :

MSVOA_N

ClientSampleId :

VN0611WBS02

Tgt Ion: 97 Resp: 5142

Ion Ratio Lower Upper

97 100

83 79.7 69.7 104.5

85 51.4 45.1 67.7

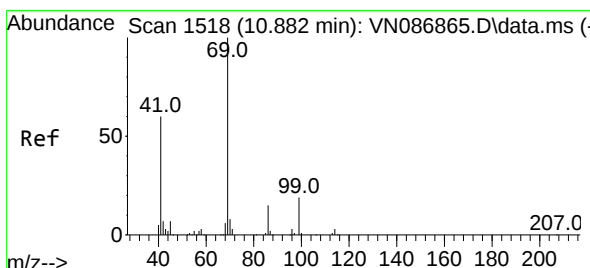
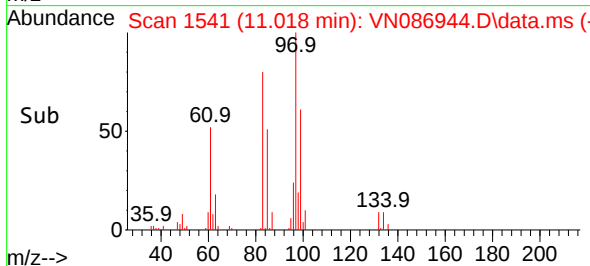
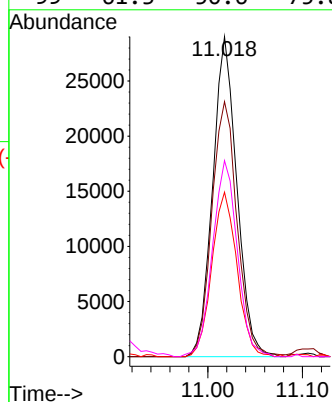
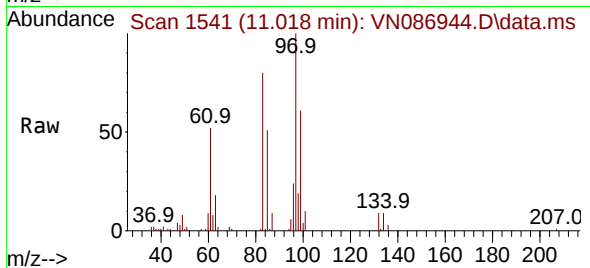
99 61.3 50.6 75.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/12/2025

Supervised By :Semsettin Yesilyurt 06/12/2025



#56

Ethyl methacrylate

Concen: 20.198 ug/l

RT: 10.882 min Scan# 1518

Delta R.T. -0.000 min

Lab File: VN086944.D

Acq: 11 Jun 2025 13:27

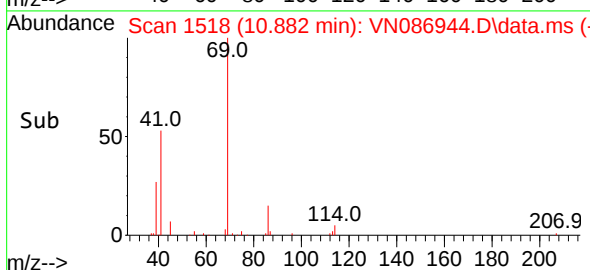
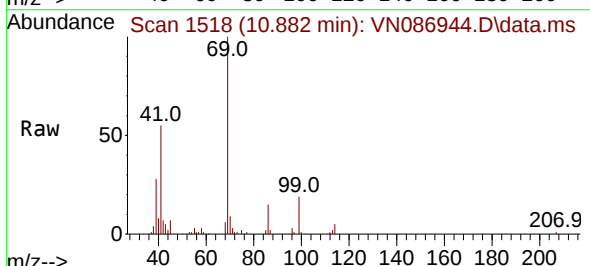
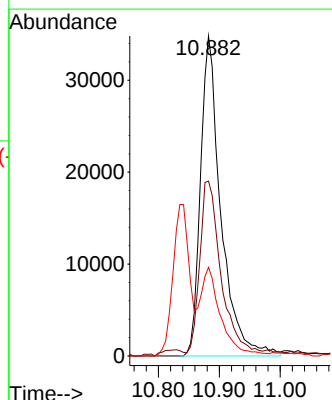
Tgt Ion: 69 Resp: 80942

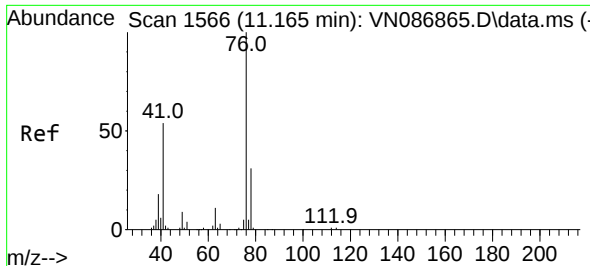
Ion Ratio Lower Upper

69 100

41 55.5 47.2 70.8

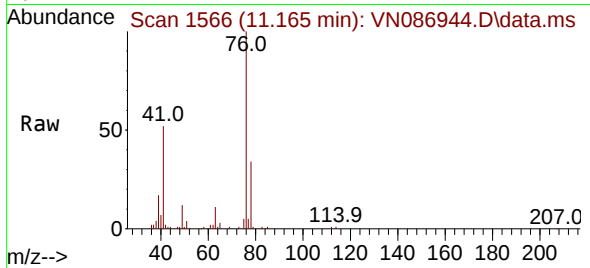
39 24.3 23.0 34.6





#57
1,3-Dichloropropane
Concen: 19.613 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. -0.000 min
Lab File: VN086944.D
Acq: 11 Jun 2025 13:27

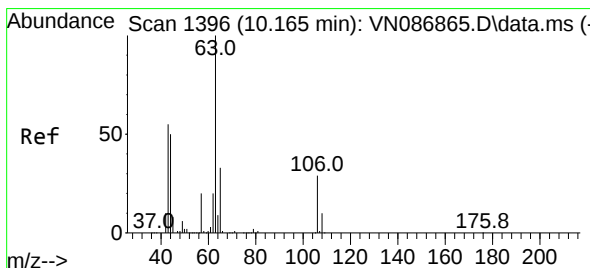
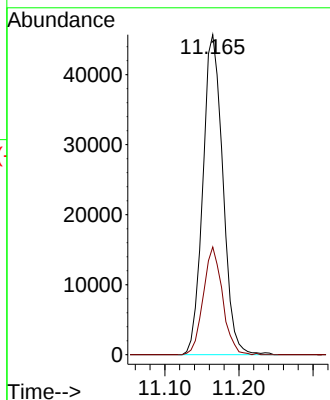
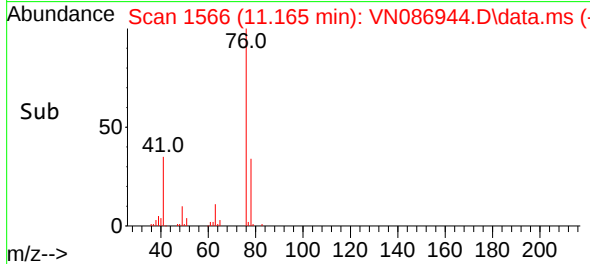
Instrument :
MSVOA_N
ClientSampleId :
VN0611WBS02



Tgt Ion: 76 Resp: 85602
Ion Ratio Lower Upper
76 100
78 32.4 25.3 37.9

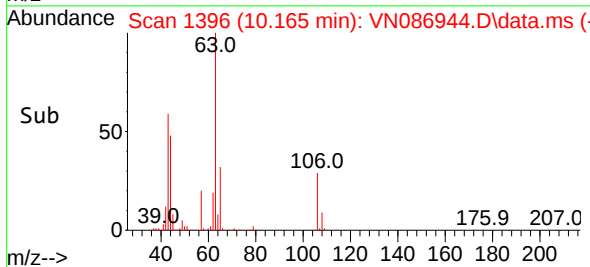
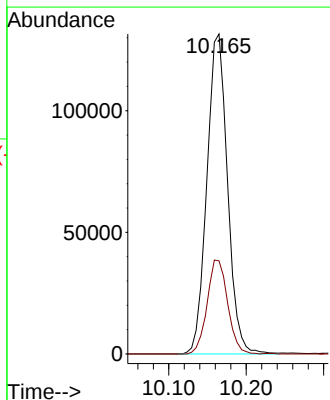
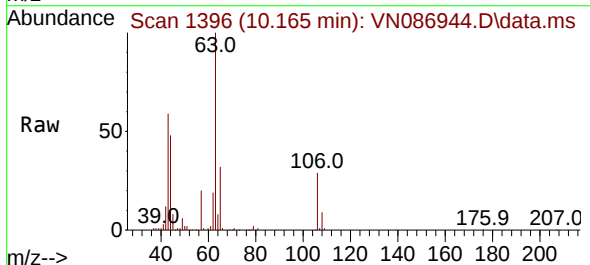
Manual Integrations
APPROVED

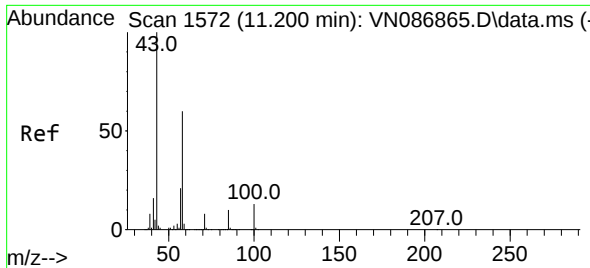
Reviewed By :John Carlone 06/12/2025
Supervised By :Semsettin Yesilyurt 06/12/2025



#58
2-Chloroethyl Vinyl ether
Concen: 101.910 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. -0.000 min
Lab File: VN086944.D
Acq: 11 Jun 2025 13:27

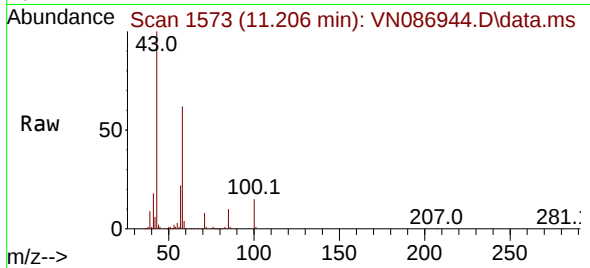
Tgt Ion: 63 Resp: 243584
Ion Ratio Lower Upper
63 100
106 29.2 23.0 34.6





#59
2-Hexanone
Concen: 89.210 ug/l
RT: 11.206 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN086944.D
Acq: 11 Jun 2025 13:27

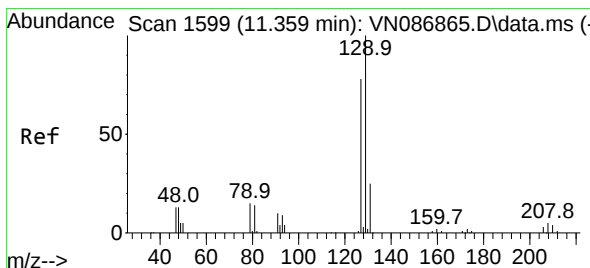
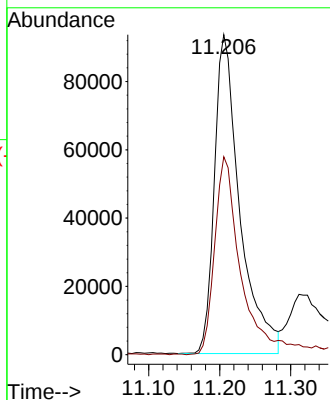
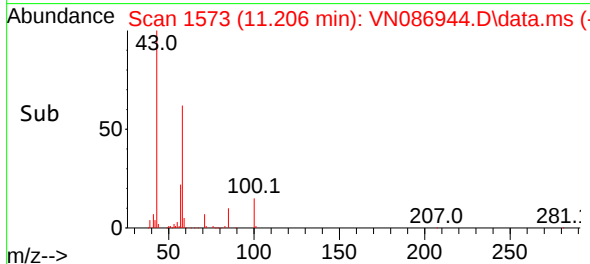
Instrument :
MSVOA_N
ClientSampleId :
VN0611WBS02



Tgt Ion: 43 Resp: 231264
Ion Ratio Lower Upper
43 100
58 65.0 30.4 91.3

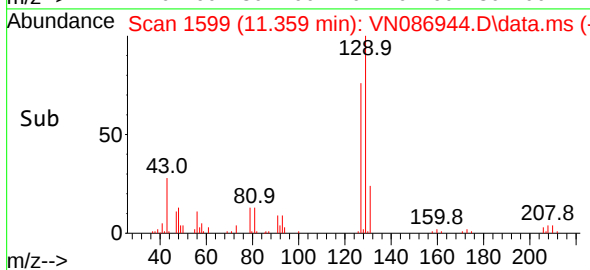
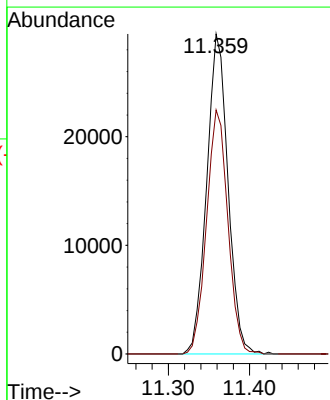
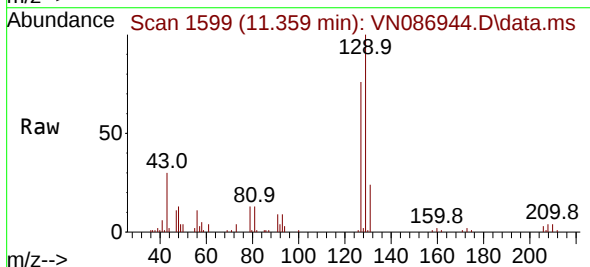
Manual Integrations
APPROVED

Reviewed By :John Carlone 06/12/2025
Supervised By :Semsettin Yesilyurt 06/12/2025



#60
Dibromochloromethane
Concen: 20.468 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN086944.D
Acq: 11 Jun 2025 13:27

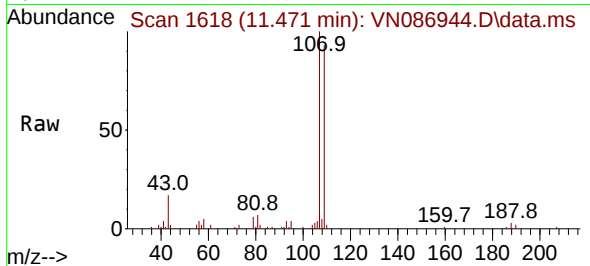
Tgt Ion:129 Resp: 53655
Ion Ratio Lower Upper
129 100
127 76.3 38.6 115.8





#61
1,2-Dibromoethane
Concen: 19.711 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VN086944.D
Acq: 11 Jun 2025 13:27

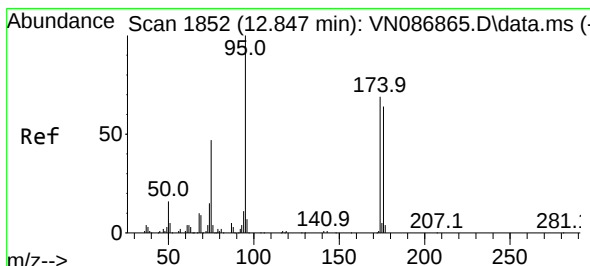
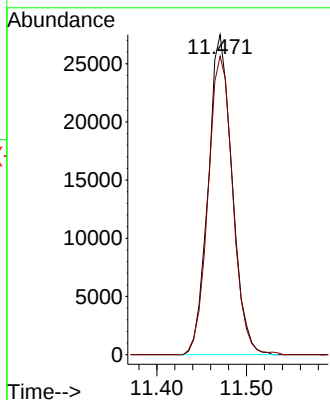
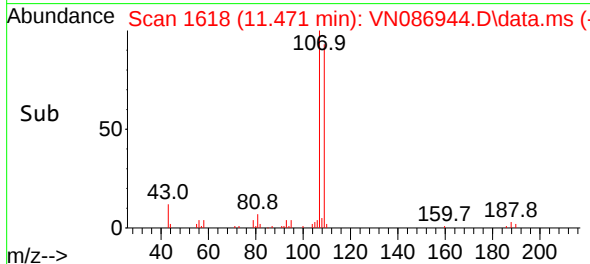
Instrument :
MSVOA_N
ClientSampleId :
VN0611WBS02



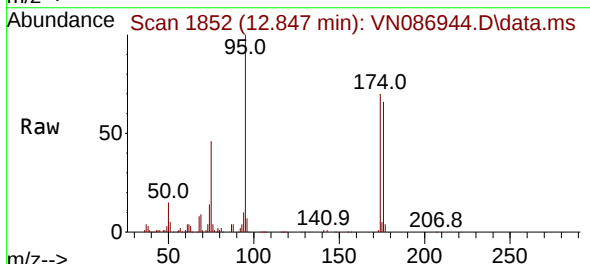
Tgt Ion:107 Resp: 50832
Ion Ratio Lower Upper
107 100
109 96.3 76.3 114.5

Manual Integrations
APPROVED

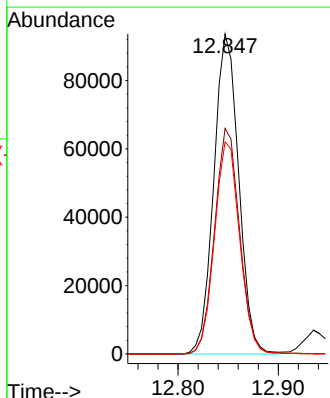
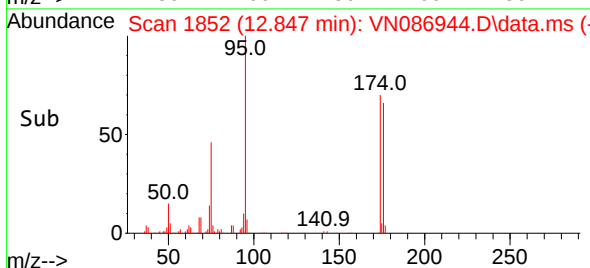
Reviewed By :John Carlone 06/12/2025
Supervised By :Semsettin Yesilyurt 06/12/2025

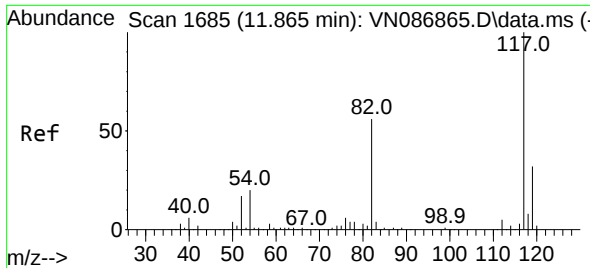


#62
4-Bromofluorobenzene
Concen: 49.951 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086944.D
Acq: 11 Jun 2025 13:27



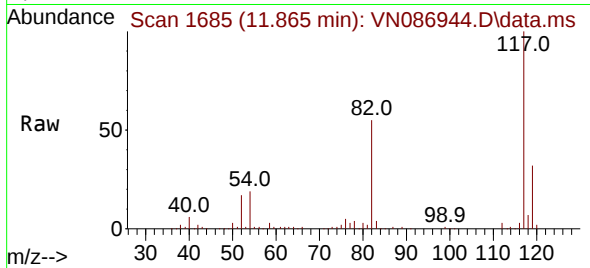
Tgt Ion: 95 Resp: 161321
Ion Ratio Lower Upper
95 100
174 71.0 0.0 141.8
176 67.2 0.0 132.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN086944.D
Acq: 11 Jun 2025 13:27

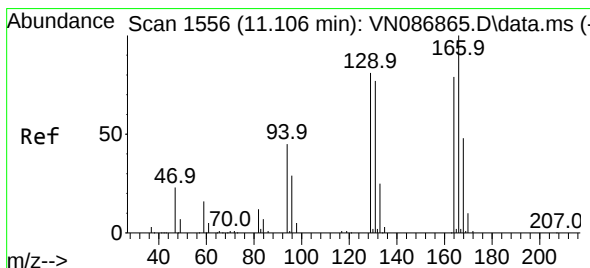
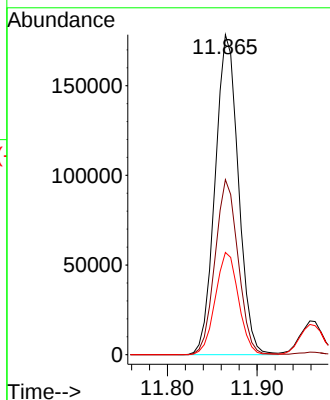
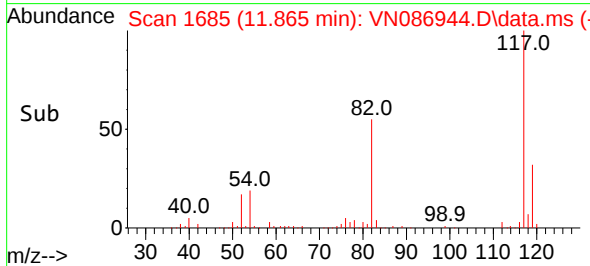
Instrument :
MSVOA_N
ClientSampleId :
VN0611WBS02



Tgt Ion:117 Resp: 32118
Ion Ratio Lower Upper
117 100
82 54.7 44.6 67.0
119 31.9 25.5 38.3

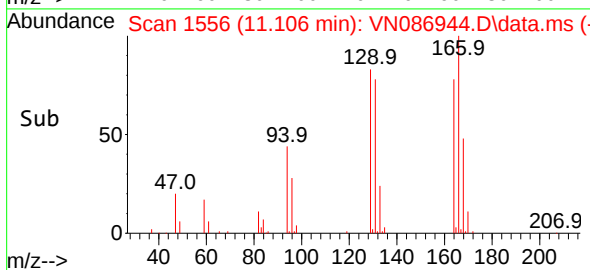
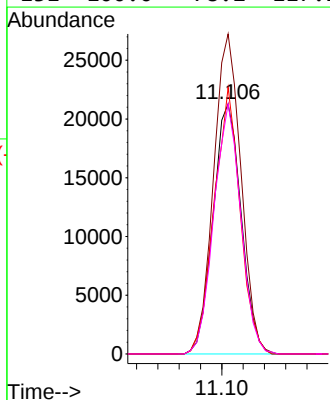
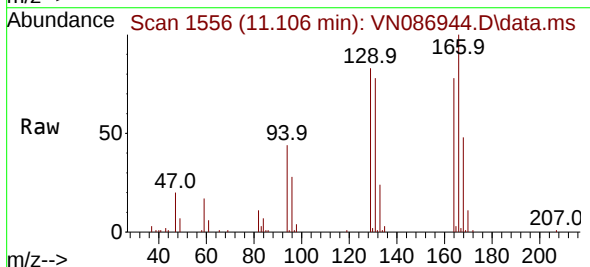
Manual Integrations
APPROVED

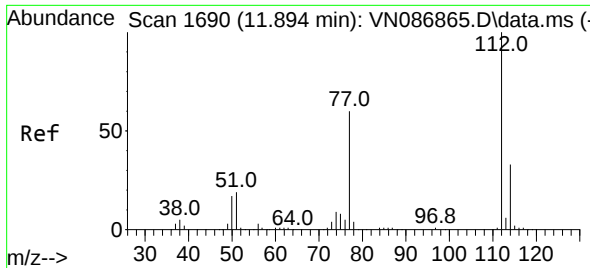
Reviewed By :John Carlone 06/12/2025
Supervised By :Semsettin Yesilyurt 06/12/2025



#64
Tetrachloroethene
Concen: 19.150 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VN086944.D
Acq: 11 Jun 2025 13:27

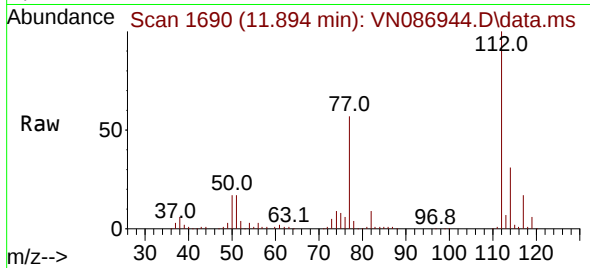
Tgt Ion:164 Resp: 38926
Ion Ratio Lower Upper
164 100
166 128.0 101.8 152.8
129 106.5 83.0 124.4
131 100.0 78.2 117.2





#65
Chlorobenzene
Concen: 20.006 ug/l
RT: 11.894 min Scan# 111
Delta R.T. -0.000 min
Lab File: VN086944.D
Acq: 11 Jun 2025 13:27

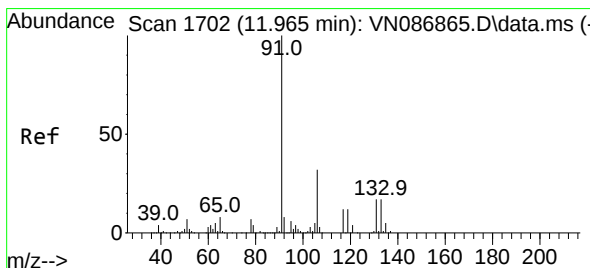
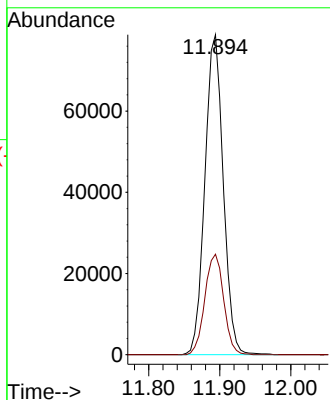
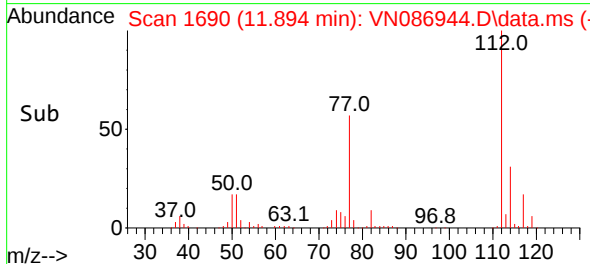
Instrument :
MSVOA_N
ClientSampleId :
VN0611WBS02



Tgt Ion:112 Resp: 14172
Ion Ratio Lower Upper
112 100
114 31.4 26.2 39.2

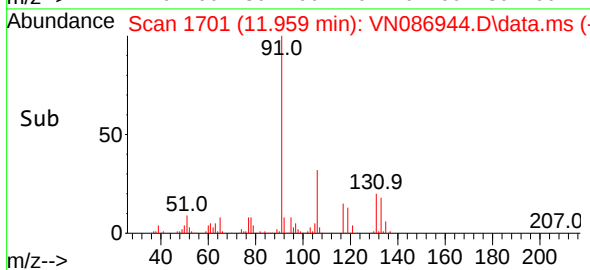
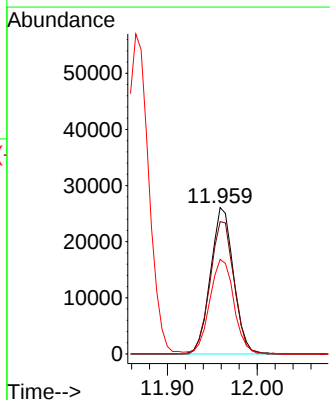
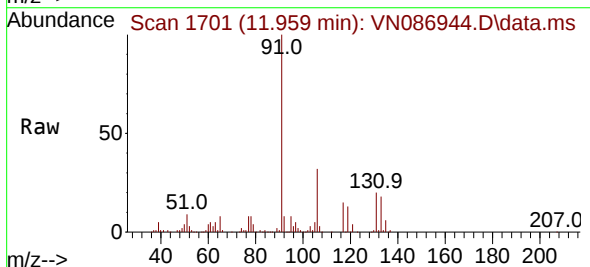
Manual Integrations
APPROVED

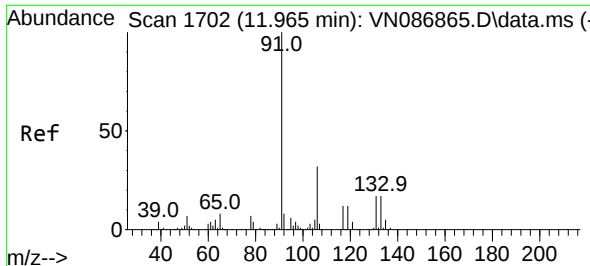
Reviewed By :John Carlone 06/12/2025
Supervised By :Semsettin Yesilyurt 06/12/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 20.378 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.006 min
Lab File: VN086944.D
Acq: 11 Jun 2025 13:27

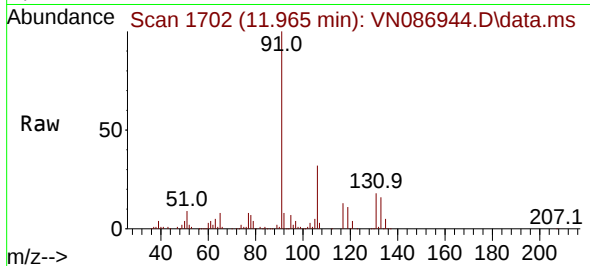
Tgt Ion:131 Resp: 46404
Ion Ratio Lower Upper
131 100
133 94.2 48.3 144.8
119 68.0 34.0 101.8





#67
Ethyl Benzene
Concen: 19.647 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN086944.D
Acq: 11 Jun 2025 13:27

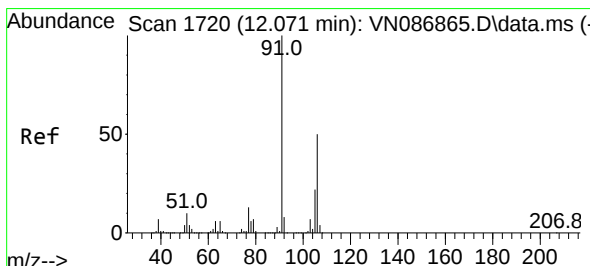
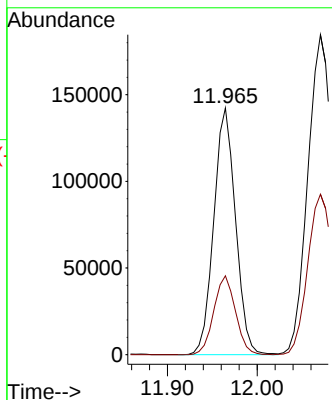
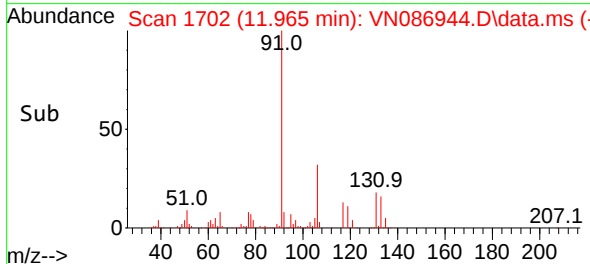
Instrument :
MSVOA_N
ClientSampleId :
VN0611WBS02



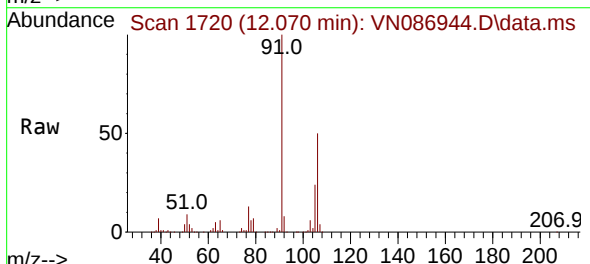
Tgt Ion: 91 Resp: 239733
Ion Ratio Lower Upper
91 100
106 31.9 25.4 38.2

Manual Integrations
APPROVED

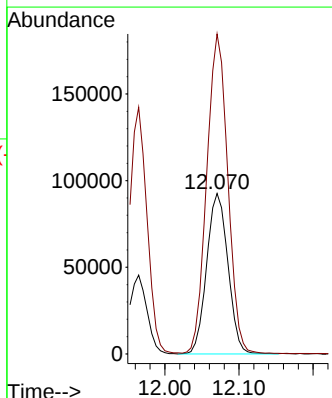
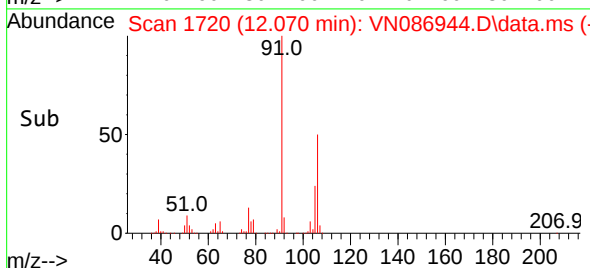
Reviewed By :John Carlone 06/12/2025
Supervised By :Semsettin Yesilyurt 06/12/2025

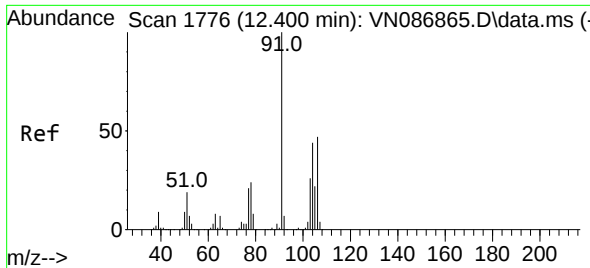


#68
m/p-Xylenes
Concen: 39.613 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN086944.D
Acq: 11 Jun 2025 13:27



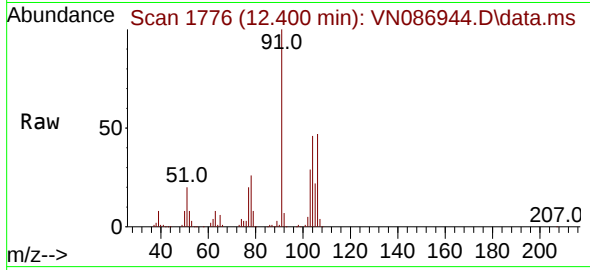
Tgt Ion:106 Resp: 185026
Ion Ratio Lower Upper
106 100
91 197.2 159.4 239.0





#69
o-Xylene
Concen: 20.172 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN086944.D
Acq: 11 Jun 2025 13:27

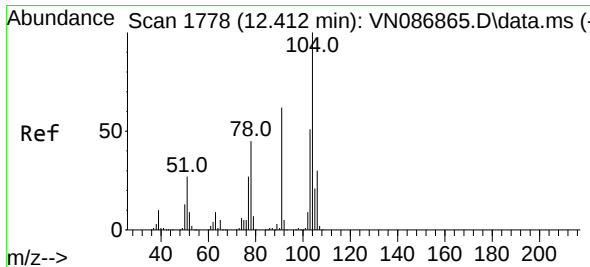
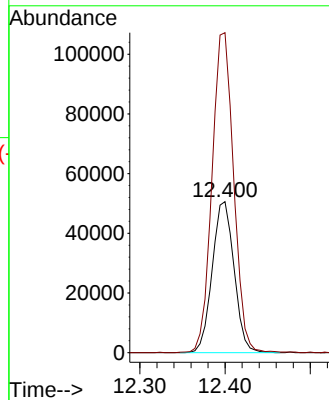
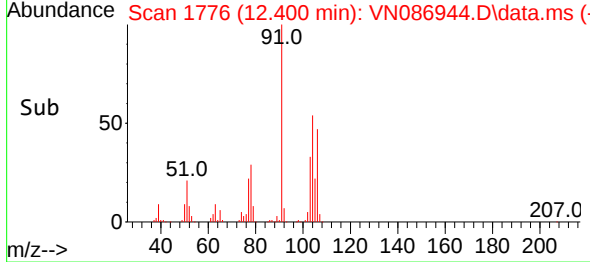
Instrument :
MSVOA_N
ClientSampleId :
VN0611WBS02



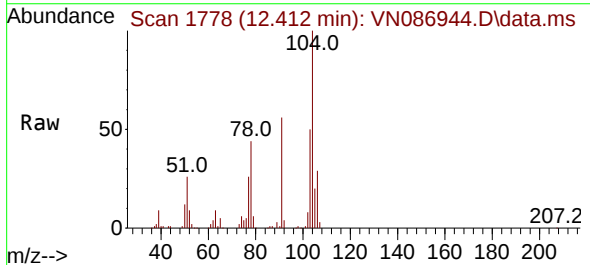
Tgt Ion:106 Resp: 90240
Ion Ratio Lower Upper
106 100
91 210.1 106.1 318.1

Manual Integrations
APPROVED

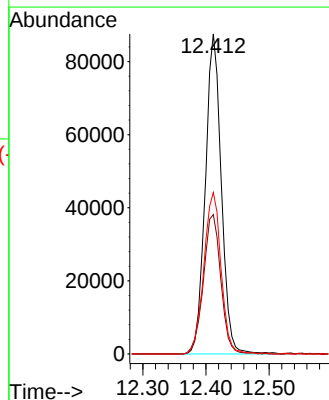
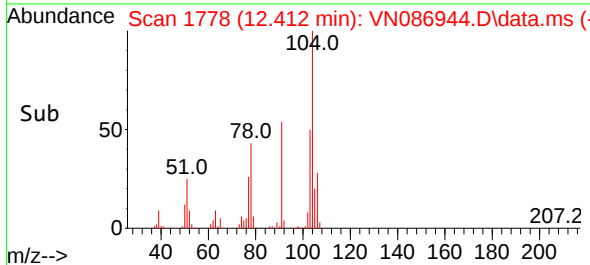
Reviewed By :John Carlone 06/12/2025
Supervised By :Semsettin Yesilyurt 06/12/2025



#70
Styrene
Concen: 20.137 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN086944.D
Acq: 11 Jun 2025 13:27



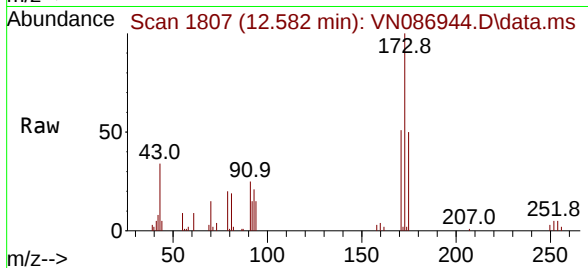
Tgt Ion:104 Resp: 154149
Ion Ratio Lower Upper
104 100
78 47.5 38.5 57.7
103 54.3 43.1 64.7





#71
Bromoform
Concen: 20.952 ug/l
RT: 12.582 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086944.D
Acq: 11 Jun 2025 13:27

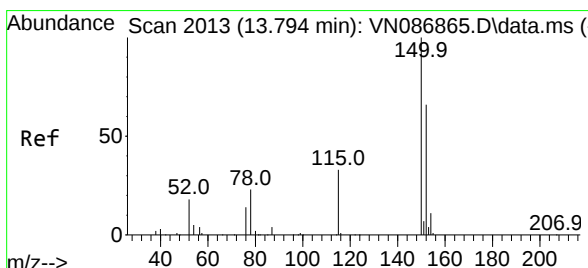
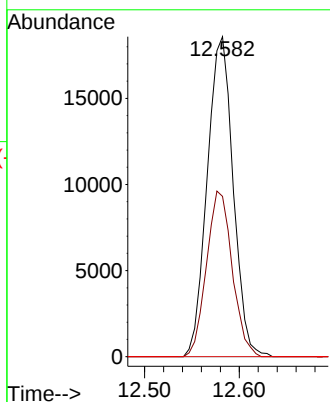
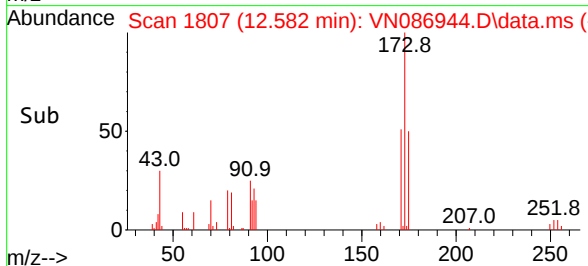
Instrument :
MSVOA_N
ClientSampleId :
VN0611WBS02



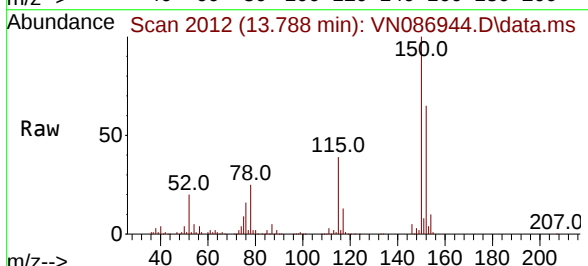
Tgt Ion:173 Resp: 35350
Ion Ratio Lower Upper
173 100
175 51.2 24.1 72.4
254 0.0 0.0 0.0

Manual Integrations
APPROVED

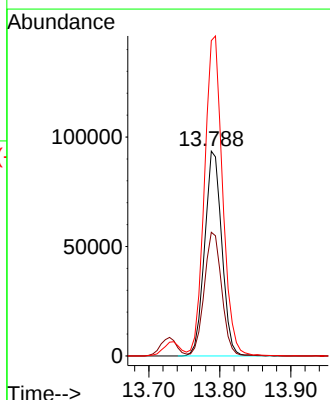
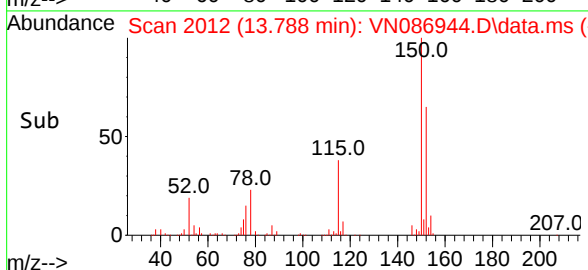
Reviewed By :John Carlone 06/12/2025
Supervised By :Semsettin Yesilyurt 06/12/2025

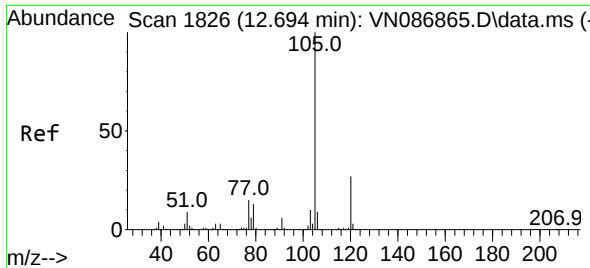


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.006 min
Lab File: VN086944.D
Acq: 11 Jun 2025 13:27



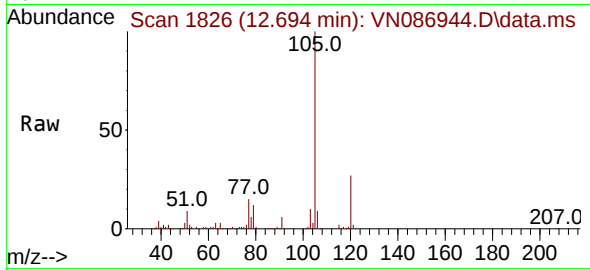
Tgt Ion:152 Resp: 157403
Ion Ratio Lower Upper
152 100
115 61.4 30.1 90.5
150 164.6 0.0 345.0





#73
Isopropylbenzene
Concen: 19.320 ug/l
RT: 12.694 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086944.D
Acq: 11 Jun 2025 13:27

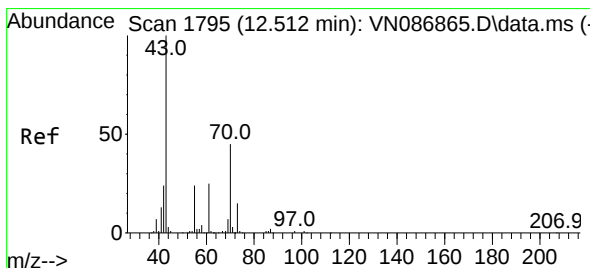
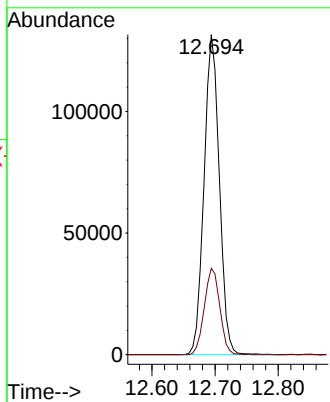
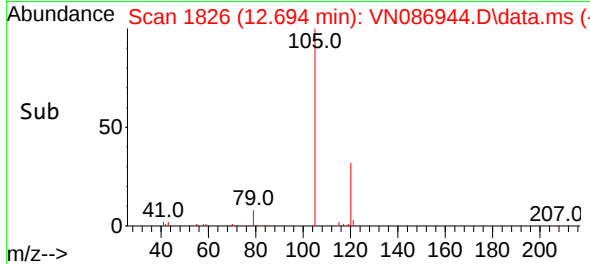
Instrument :
MSVOA_N
ClientSampleId :
VN0611WBS02



Tgt Ion:105 Resp: 22154
Ion Ratio Lower Upper
105 100
120 27.3 13.5 40.4

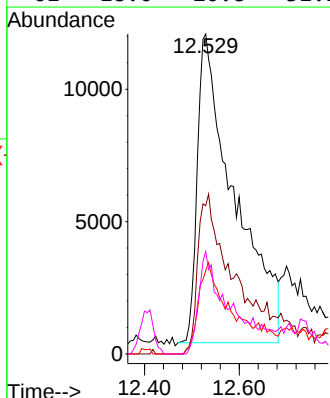
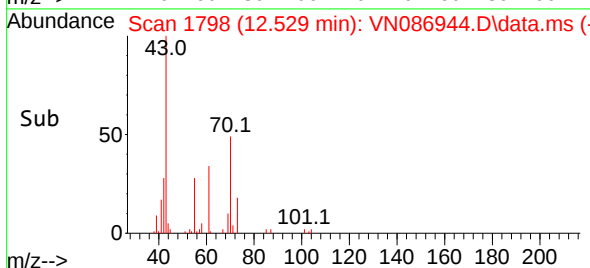
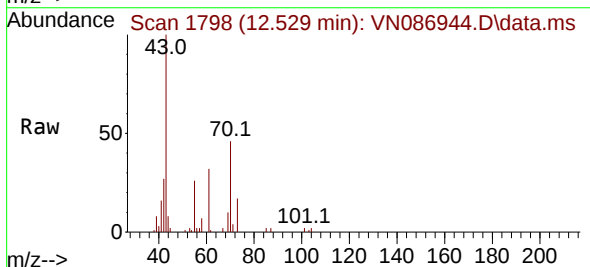
Manual Integrations
APPROVED

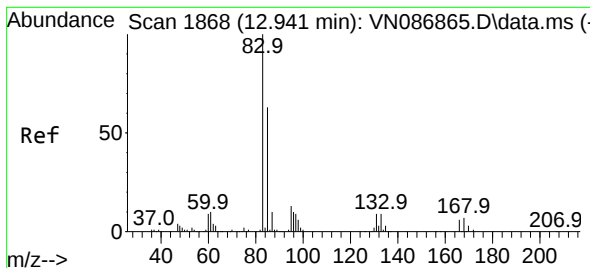
Reviewed By :John Carlone 06/12/2025
Supervised By :Semsettin Yesilyurt 06/12/2025



#74
N-ethyl acetate
Concen: 15.794 ug/l
RT: 12.529 min Scan# 1798
Delta R.T. 0.017 min
Lab File: VN086944.D
Acq: 11 Jun 2025 13:27

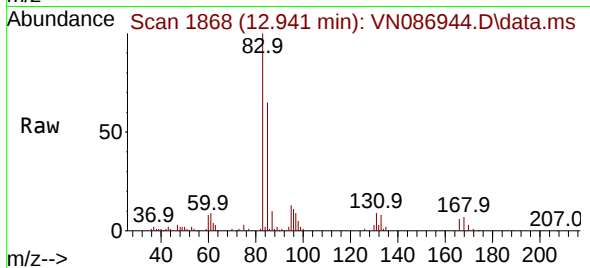
Tgt Ion: 43 Resp: 63289
Ion Ratio Lower Upper
43 100
70 34.9 37.6 56.4#
55 19.9 19.0 28.6
61 18.0 20.8 31.2#





#75
1,1,2,2-Tetrachloroethane
Concen: 20.973 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VN086944.D
Acq: 11 Jun 2025 13:27

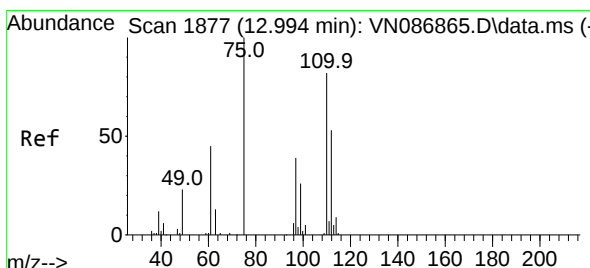
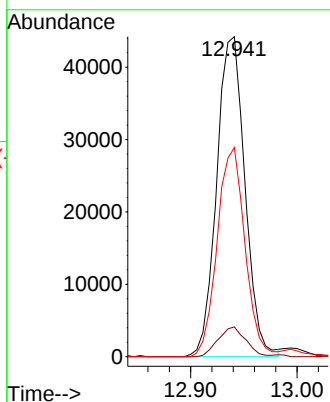
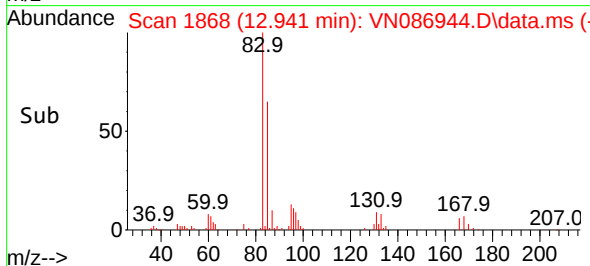
Instrument :
MSVOA_N
ClientSampleId :
VN0611WBS02



Tgt Ion: 83 Resp: 81470
Ion Ratio Lower Upper
83 100
131 9.3 4.9 14.7
85 64.3 32.0 96.0

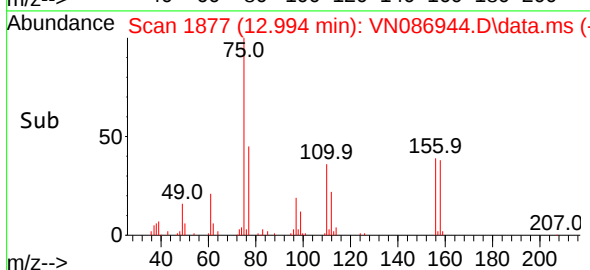
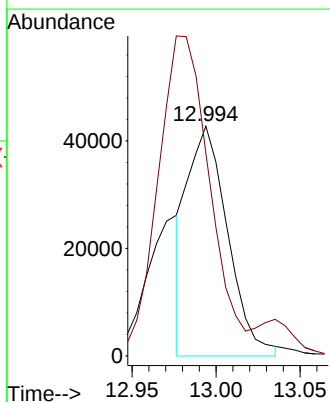
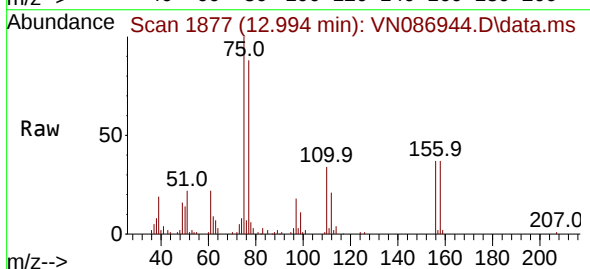
Manual Integrations
APPROVED

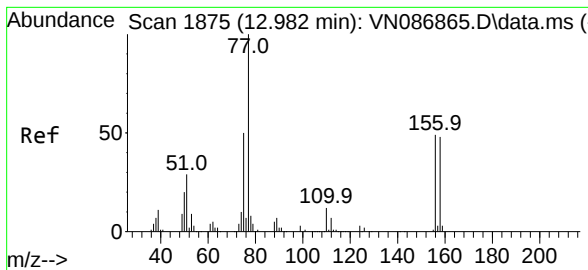
Reviewed By :John Carlone 06/12/2025
Supervised By :Semsettin Yesilyurt 06/12/2025



#76
1,2,3-Trichloropropane
Concen: 19.132 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. -0.000 min
Lab File: VN086944.D
Acq: 11 Jun 2025 13:27

Tgt Ion: 75 Resp: 71582
Ion Ratio Lower Upper
75 100
77 177.6 79.3 237.9





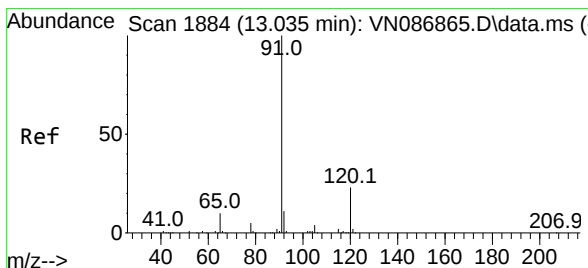
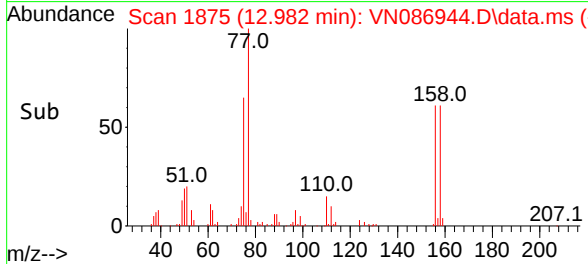
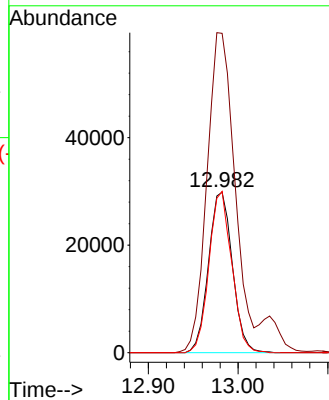
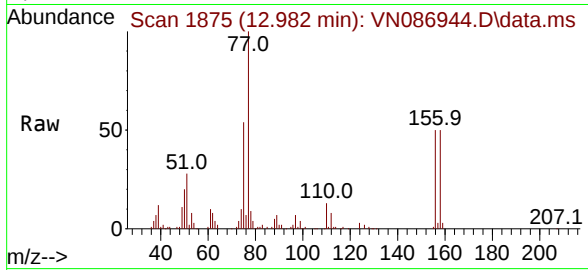
#77
Bromobenzene
Concen: 20.981 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VN086944.D
Acq: 11 Jun 2025 13:27

Instrument :
MSVOA_N
ClientSampleId :
VN0611WBS02

Tgt Ion:156 Resp: 55170
Ion Ratio Lower Upper
156 100
77 230.4 117.7 353.1
158 95.7 48.1 144.4

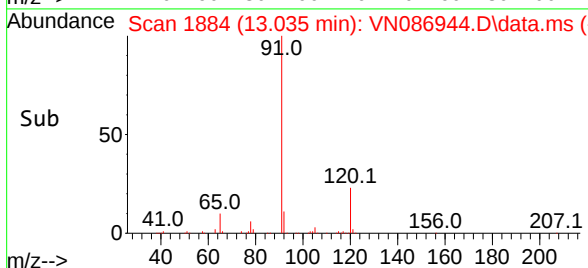
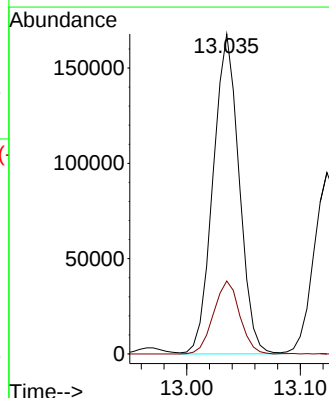
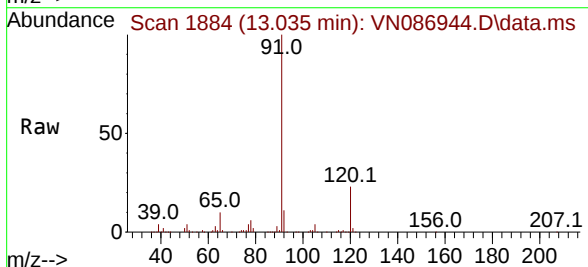
Manual Integrations
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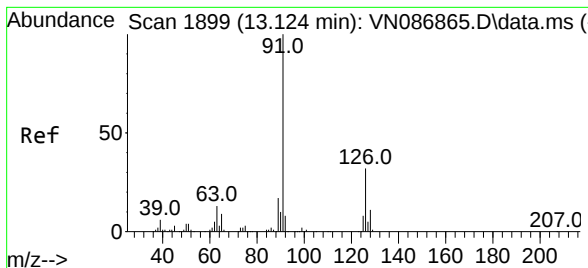
Reviewed By :John Carlone 06/12/2025
Supervised By :Semsettin Yesilyurt 06/12/2025



#78
n-propylbenzene
Concen: 19.187 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VN086944.D
Acq: 11 Jun 2025 13:27

Tgt Ion: 91 Resp: 267384
Ion Ratio Lower Upper
91 100
120 22.9 11.4 34.2





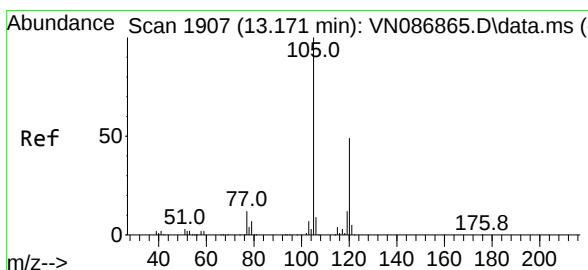
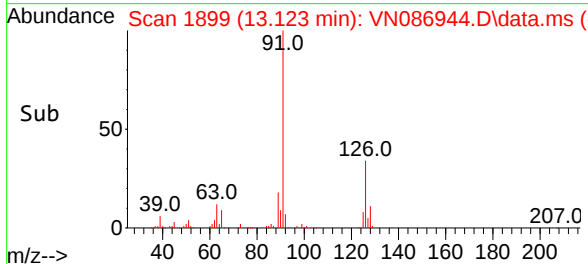
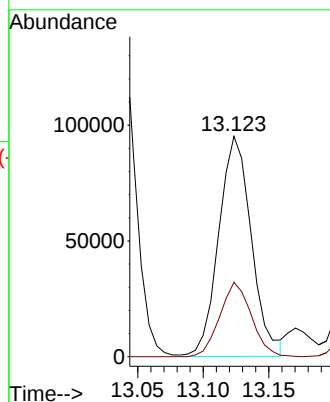
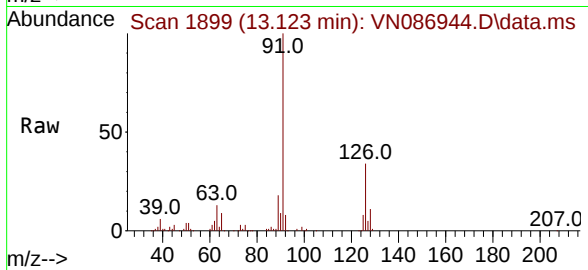
#79
2-Chlorotoluene
Concen: 19.721 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN086944.D
Acq: 11 Jun 2025 13:27

Instrument :
MSVOA_N
ClientSampleId :
VN0611WBS02

Tgt Ion: 91 Resp: 16481
Ion Ratio Lower Upper
91 100
126 32.6 16.2 48.5

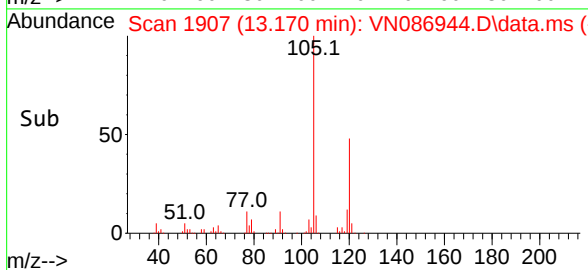
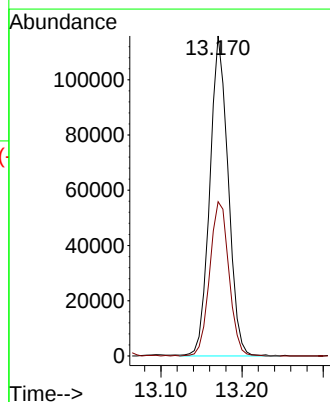
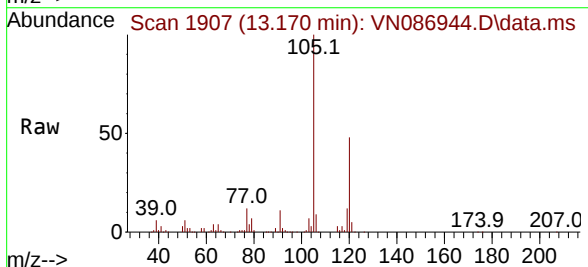
Manual Integrations
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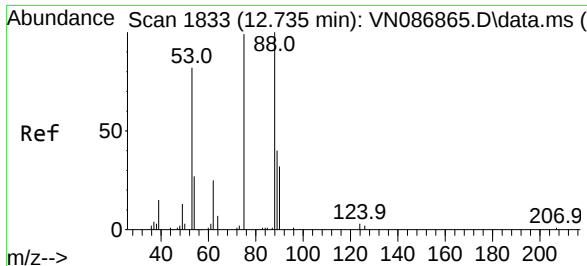
Reviewed By :John Carlone 06/12/2025
Supervised By :Semsettin Yesilyurt 06/12/2025



#80
1,3,5-Trimethylbenzene
Concen: 19.200 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN086944.D
Acq: 11 Jun 2025 13:27

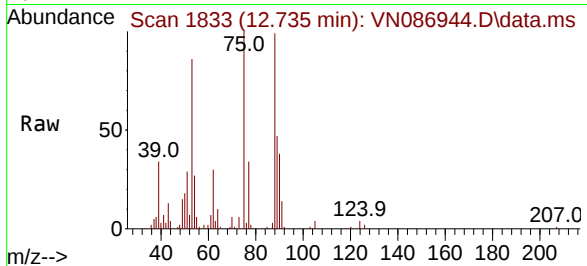
Tgt Ion:105 Resp: 181773
Ion Ratio Lower Upper
105 100
120 50.4 24.9 74.6





#81
trans-1,4-Dichloro-2-butene
Concen: 18.532 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN086944.D
Acq: 11 Jun 2025 13:27

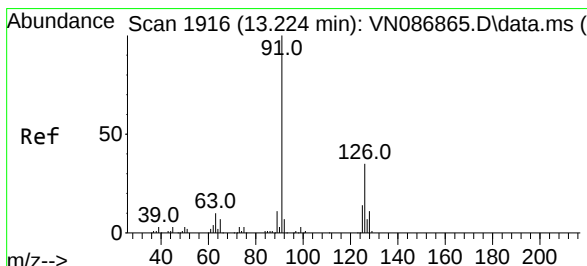
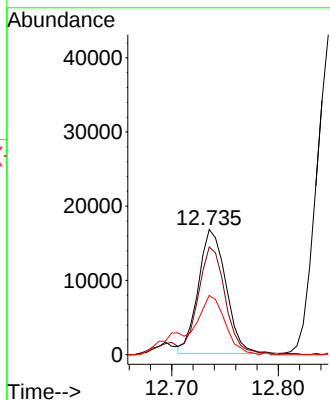
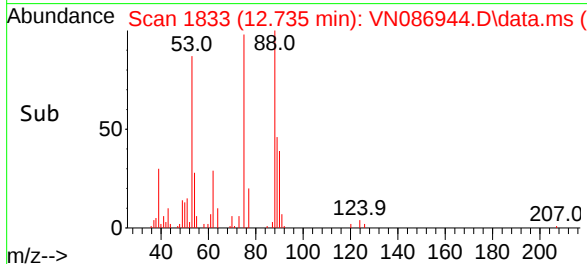
Instrument : MSVOA_N
ClientSampleId : VN0611WBS02



Tgt Ion: 75 Resp: 3012
Ion Ratio Lower Upper
75 100
53 94.2 66.6 99.8
89 63.9 36.7 55.1

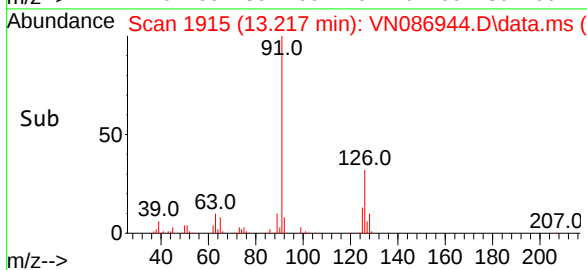
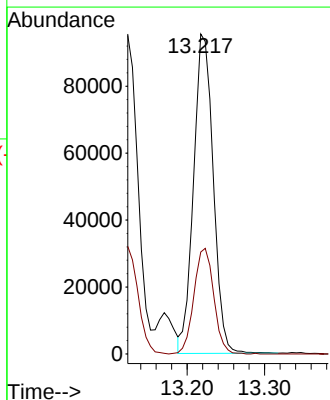
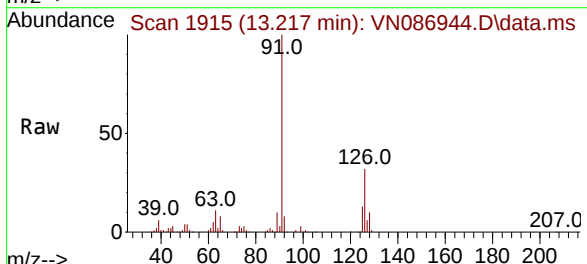
Manual Integrations
APPROVED

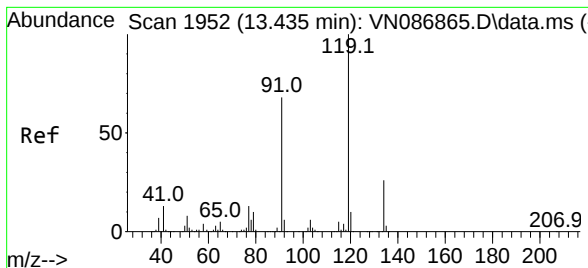
Reviewed By :John Carlone 06/12/2025
Supervised By :Semsettin Yesilyurt 06/12/2025



#82
4-Chlorotoluene
Concen: 19.866 ug/l
RT: 13.217 min Scan# 1915
Delta R.T. -0.006 min
Lab File: VN086944.D
Acq: 11 Jun 2025 13:27

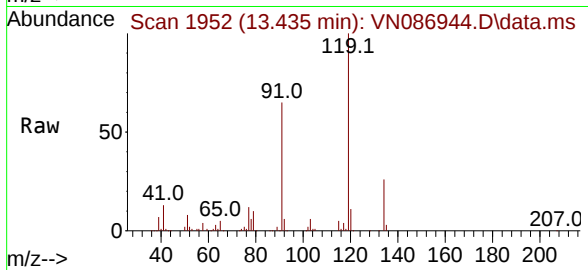
Tgt Ion: 91 Resp: 167991
Ion Ratio Lower Upper
91 100
126 33.4 16.7 50.1





#83
tert-Butylbenzene
Concen: 18.646 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VN086944.D
Acq: 11 Jun 2025 13:27

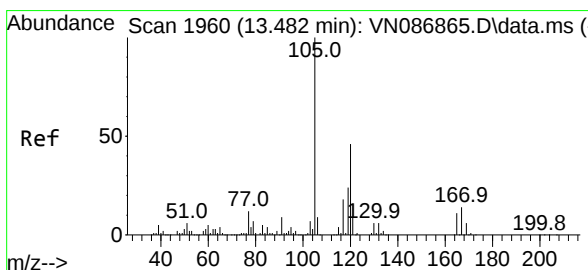
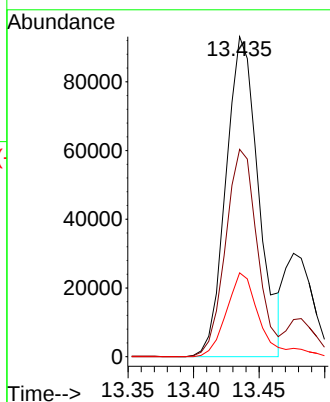
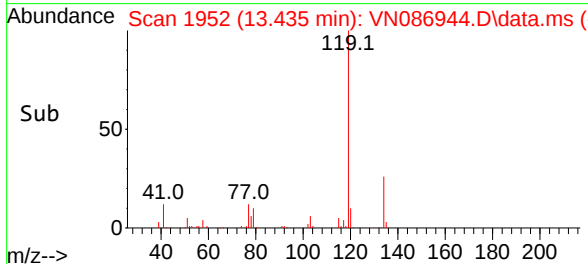
Instrument :
MSVOA_N
ClientSampleId :
VN0611WBS02



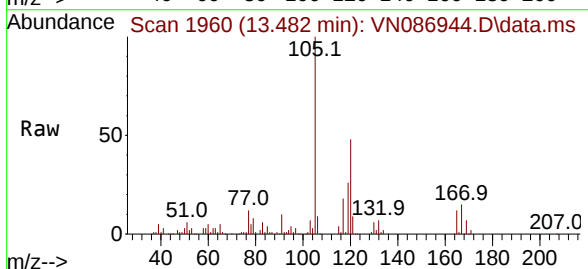
Tgt Ion:119 Resp: 16159
Ion Ratio Lower Upper
119 100
91 63.1 32.1 96.5
134 26.9 13.4 40.1

Manual Integrations
APPROVED

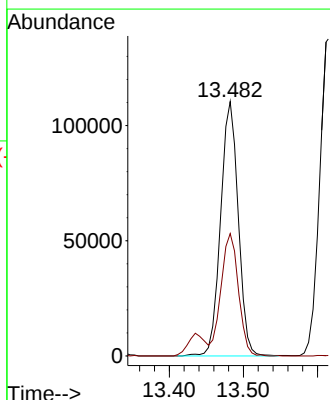
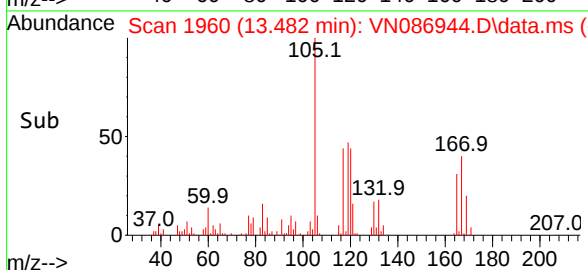
Reviewed By :John Carlone 06/12/2025
Supervised By :Semsettin Yesilyurt 06/12/2025

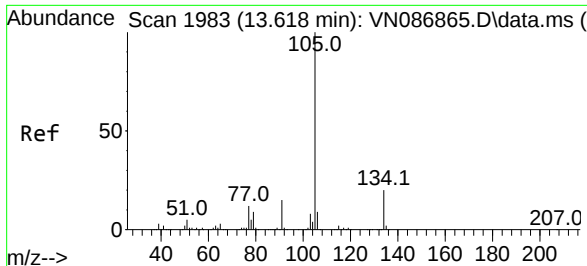


#84
1,2,4-Trimethylbenzene
Concen: 19.216 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.000 min
Lab File: VN086944.D
Acq: 11 Jun 2025 13:27



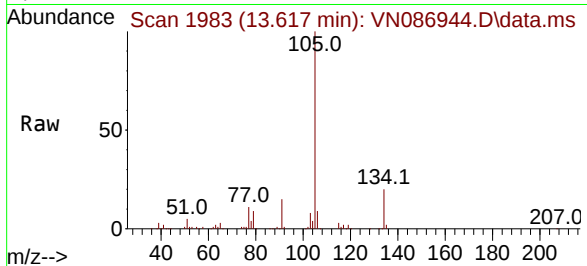
Tgt Ion:105 Resp: 182431
Ion Ratio Lower Upper
105 100
120 47.6 23.2 69.6





#85
 sec-Butylbenzene
 Concen: 18.189 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. -0.000 min
 Lab File: VN086944.D
 Acq: 11 Jun 2025 13:27

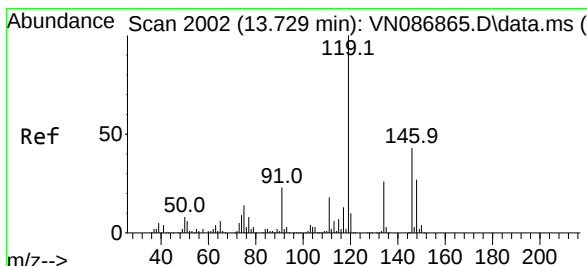
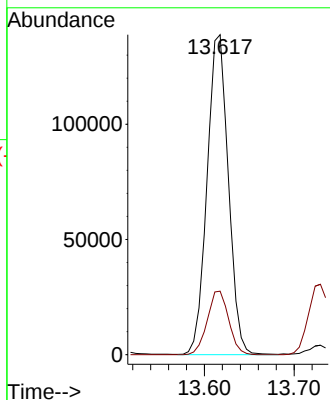
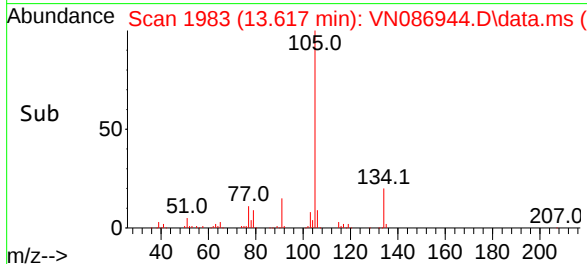
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0611WBS02



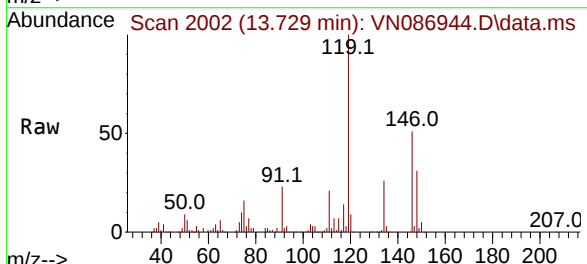
Tgt Ion:105 Resp: 22890
 Ion Ratio Lower Upper
 105 100
 134 19.9 10.0 30.0

Manual Integrations
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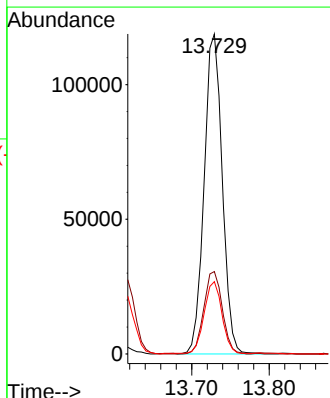
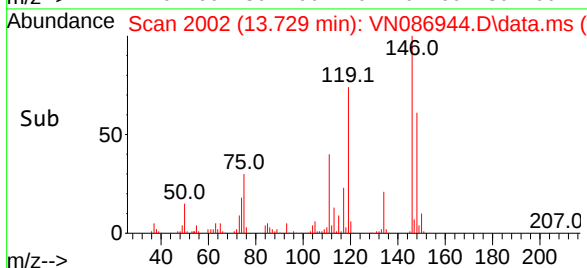
Reviewed By :John Carlone 06/12/2025
 Supervised By :Semsettin Yesilyurt 06/12/2025

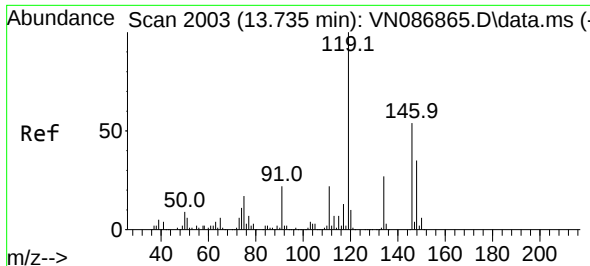


#86
 p-Isopropyltoluene
 Concen: 18.551 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.000 min
 Lab File: VN086944.D
 Acq: 11 Jun 2025 13:27



Tgt Ion:119 Resp: 192991
 Ion Ratio Lower Upper
 119 100
 134 26.2 13.5 40.4
 91 22.1 11.5 34.4





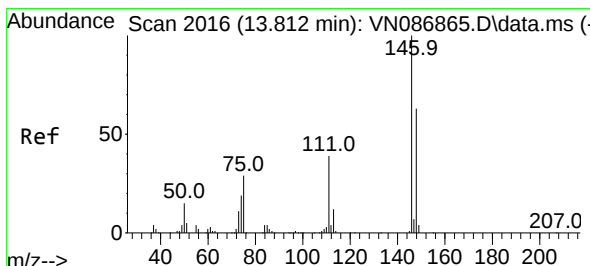
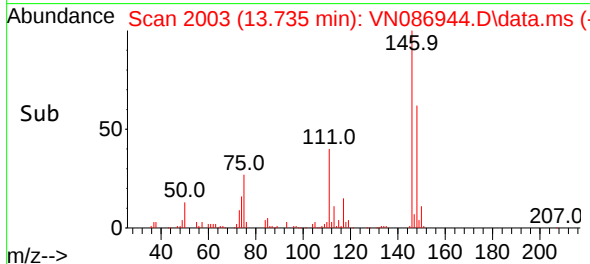
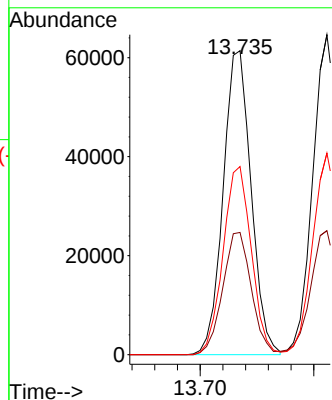
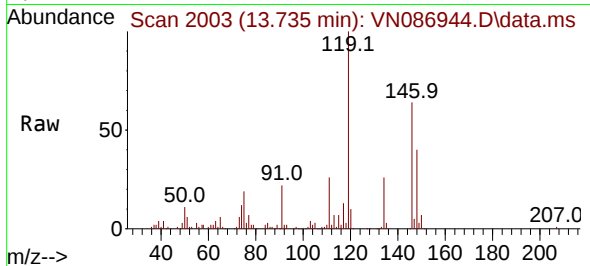
#87
1,3-Dichlorobenzene
Concen: 20.271 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. -0.000 min
Lab File: VN086944.D
Acq: 11 Jun 2025 13:27

Instrument :
MSVOA_N
ClientSampleId :
VN0611WBS02

Tgt Ion:146 Resp: 10488
Ion Ratio Lower Upper
146 100
111 41.3 20.9 62.8
148 62.6 32.0 96.2

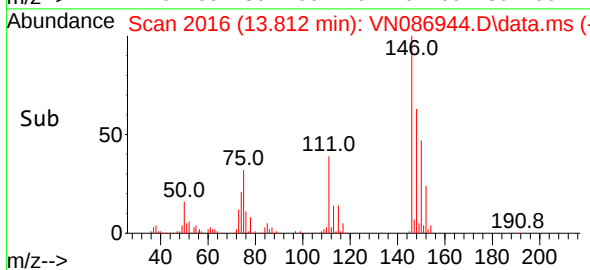
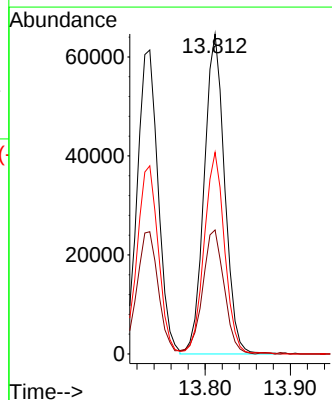
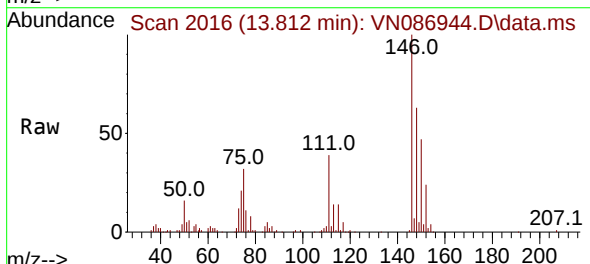
Manual Integrations
APPROVED

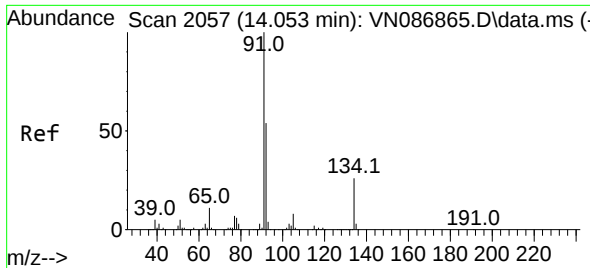
Reviewed By :John Carlone 06/12/2025
Supervised By :Semsettin Yesilyurt 06/12/2025



#88
1,4-Dichlorobenzene
Concen: 20.426 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN086944.D
Acq: 11 Jun 2025 13:27

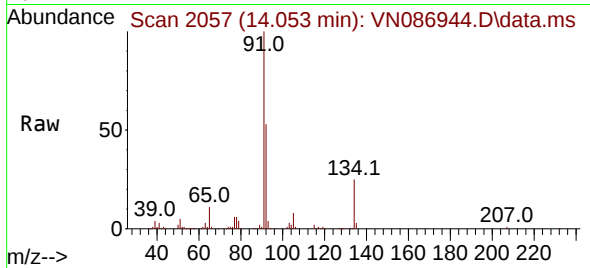
Tgt Ion:146 Resp: 107750
Ion Ratio Lower Upper
146 100
111 40.7 19.9 59.7
148 63.1 31.8 95.4





#89
n-Butylbenzene
Concen: 17.613 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN086944.D
Acq: 11 Jun 2025 13:27

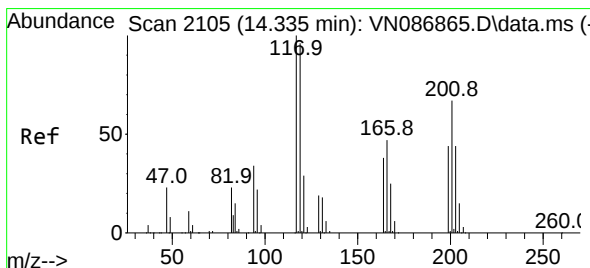
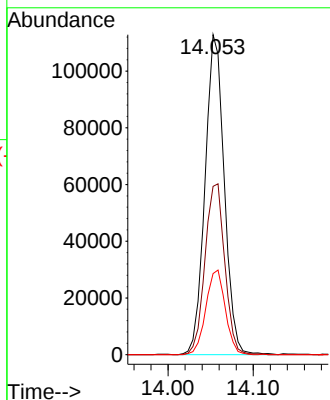
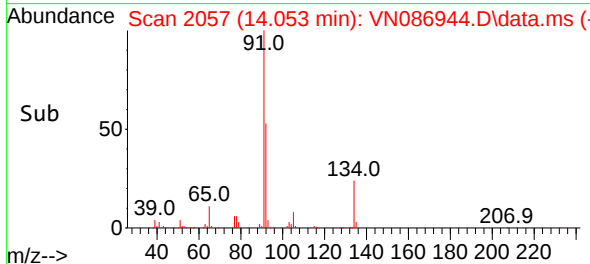
Instrument :
MSVOA_N
ClientSampleId :
VN0611WBS02



Tgt Ion: 91 Resp: 17748
Ion Ratio Lower Upper
91 100
92 54.9 27.5 82.4
134 26.7 13.0 39.0

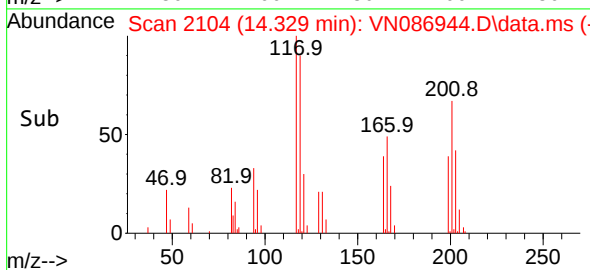
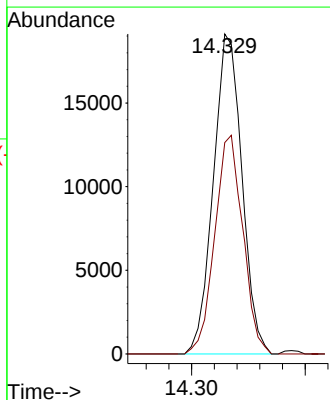
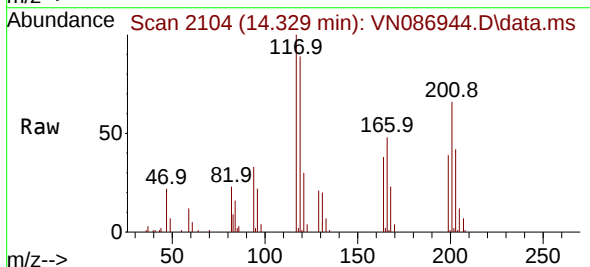
Manual Integrations
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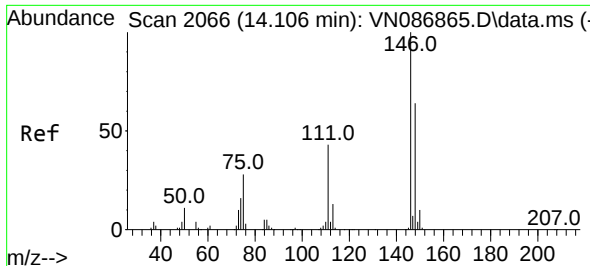
Reviewed By :John Carlone 06/12/2025
Supervised By :Semsettin Yesilyurt 06/12/2025



#90
Hexachloroethane
Concen: 18.972 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. -0.006 min
Lab File: VN086944.D
Acq: 11 Jun 2025 13:27

Tgt Ion:117 Resp: 33456
Ion Ratio Lower Upper
117 100
201 67.1 33.2 99.6





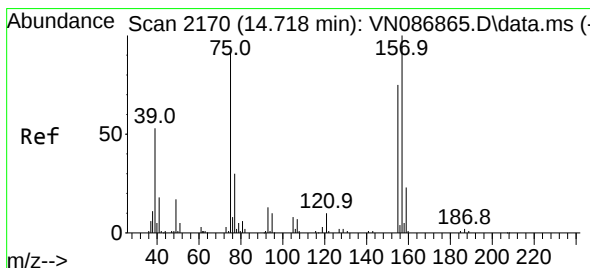
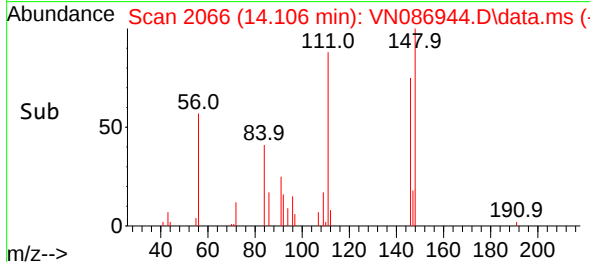
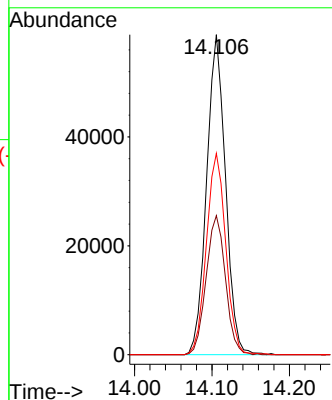
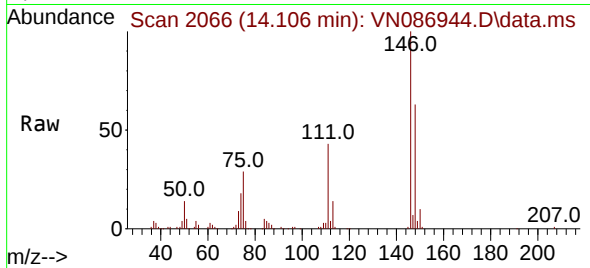
#91
1,2-Dichlorobenzene
Concen: 19.995 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN086944.D
Acq: 11 Jun 2025 13:27

Instrument :
MSVOA_N
ClientSampleId :
VN0611WBS02

Tgt Ion:146 Resp: 99394
Ion Ratio Lower Upper
146 100
111 44.5 21.6 64.6
148 64.5 31.7 95.1

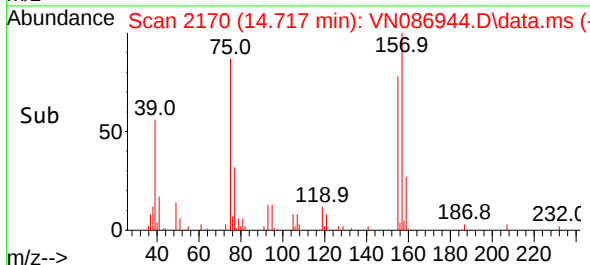
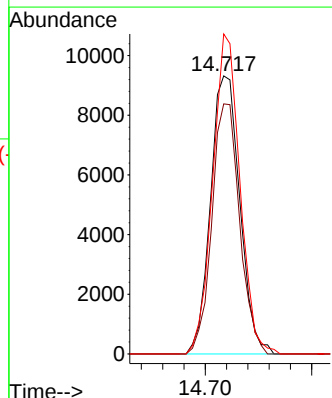
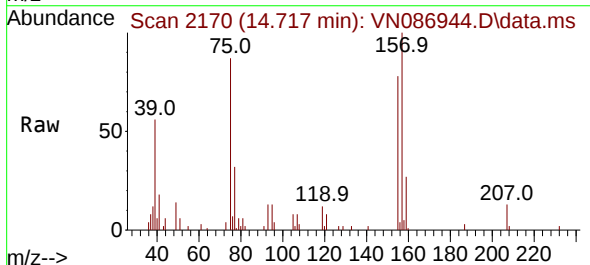
Manual Integrations
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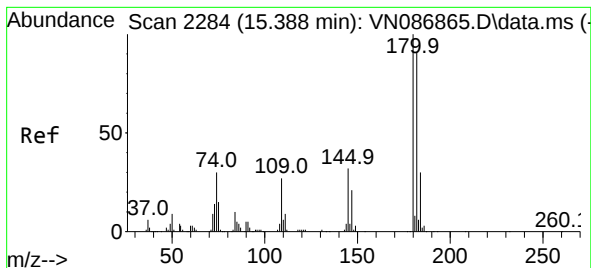
Reviewed By :John Carlone 06/12/2025
Supervised By :Semsettin Yesilyurt 06/12/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 19.155 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.000 min
Lab File: VN086944.D
Acq: 11 Jun 2025 13:27

Tgt Ion: 75 Resp: 17796
Ion Ratio Lower Upper
75 100
155 85.2 41.1 123.4
157 106.8 52.7 158.1





#93

1,2,4-Trichlorobenzene

Concen: 18.433 ug/l

RT: 15.394 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN086944.D

Acq: 11 Jun 2025 13:27

Instrument :

MSVOA_N

ClientSampleId :

VN0611WBS02

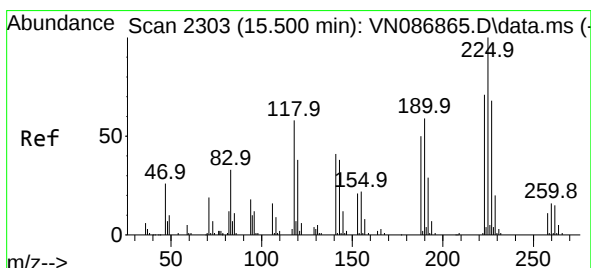
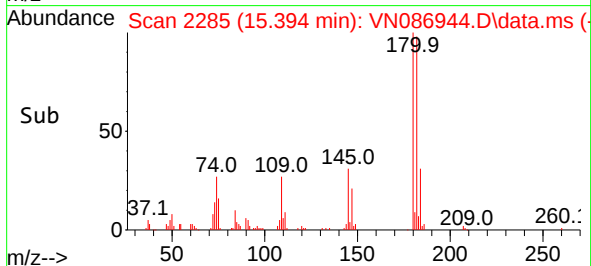
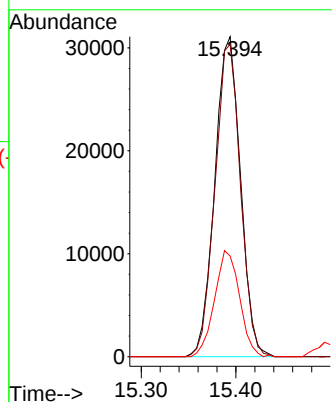
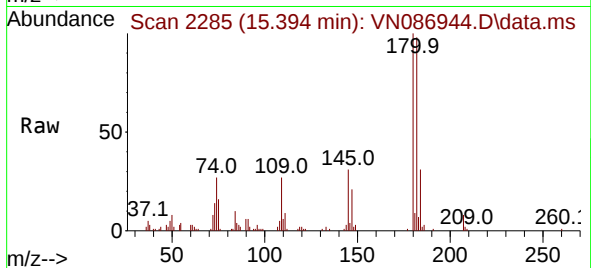
Tgt Ion:180	Resp:	58509
Ion Ratio	Lower	Upper
180	100	
182	96.7	46.9 140.7
145	32.3	16.0 47.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/12/2025

Supervised By :Semsettin Yesilyurt 06/12/2025



#94

Hexachlorobutadiene

Concen: 16.567 ug/l

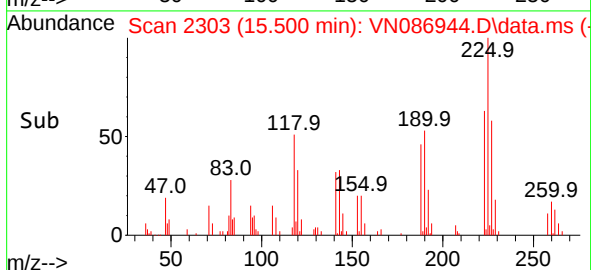
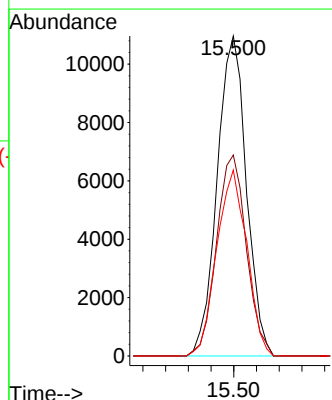
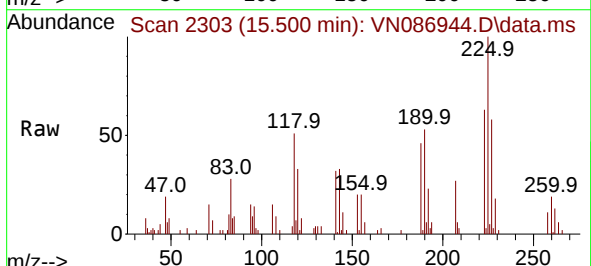
RT: 15.500 min Scan# 2303

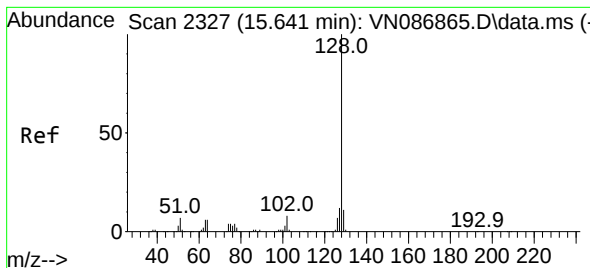
Delta R.T. -0.000 min

Lab File: VN086944.D

Acq: 11 Jun 2025 13:27

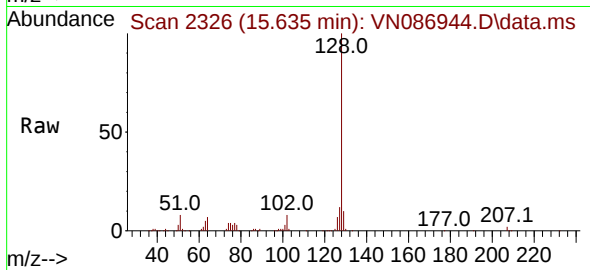
Tgt Ion:225	Resp:	19592
Ion Ratio	Lower	Upper
225	100	
223	64.0	33.5 100.4
227	60.0	31.1 93.5





#95
Naphthalene
Concen: 19.700 ug/l
RT: 15.635 min Scan# 2327
Delta R.T. -0.006 min
Lab File: VN086944.D
Acq: 11 Jun 2025 13:27

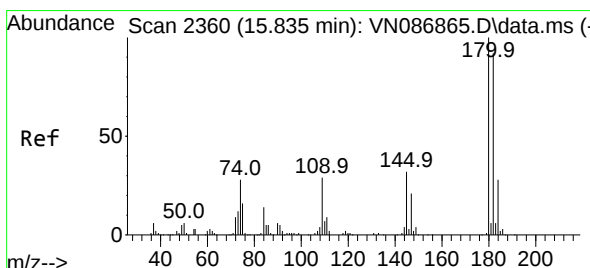
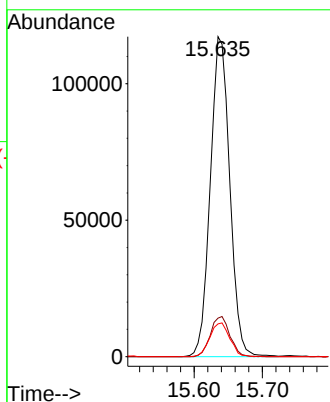
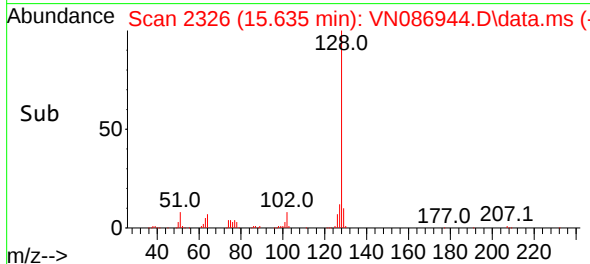
Instrument :
MSVOA_N
ClientSampleId :
VN0611WBS02



Tgt Ion:128 Resp: 232760
Ion Ratio Lower Upper
128 100
127 12.6 10.2 15.2
129 10.9 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 06/12/2025
Supervised By :Semsettin Yesilyurt 06/12/2025



#96
1,2,3-Trichlorobenzene
Concen: 17.802 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. 0.006 min
Lab File: VN086944.D
Acq: 11 Jun 2025 13:27

Tgt Ion:180 Resp: 56144
Ion Ratio Lower Upper
180 100
182 96.0 47.0 141.0
145 33.6 16.6 49.8

