

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061125\
 Data File : VN086943.D
 Acq On : 11 Jun 2025 12:50
 Operator : JC\MD
 Sample : VN0611WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0611WBS01

Manual Integrations
 APPROVED

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

Quant Time: Jun 12 01:30:36 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 07 02:12:50 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	195290	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	343742	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	299668	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	148006	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	119707	45.782	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	91.560%		
35) Dibromofluoromethane	8.177	113	101053	49.606	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	99.220%		
50) Toluene-d8	10.571	98	388724	48.203	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	96.400%		
62) 4-Bromofluorobenzene	12.847	95	145885	48.691	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	97.380%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.153	85	40574	20.837	ug/l	98
3) Chloromethane	2.395	50	44101	17.539	ug/l	99
4) Vinyl Chloride	2.553	62	53467	20.614	ug/l	98
5) Bromomethane	3.000	94	26837	18.489	ug/l	99
6) Chloroethane	3.153	64	34991	20.885	ug/l	100
7) Trichlorofluoromethane	3.524	101	71820	21.193	ug/l	99
8) Diethyl Ether	3.983	74	32145	21.771	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.400	101	45145	21.204	ug/l	99
10) Methyl Iodide	4.618	142	36133	13.092	ug/l	96
11) Tert butyl alcohol	5.536	59	71351	100.568	ug/l	99
12) 1,1-Dichloroethene	4.371	96	46105	21.211	ug/l	95
13) Acrolein	4.200	56	19280	85.851	ug/l	98
14) Allyl chloride	5.047	41	71573	19.855	ug/l	97
15) Acrylonitrile	5.741	53	172947	104.292	ug/l	100
16) Acetone	4.447	43	138908	100.179	ug/l	96
17) Carbon Disulfide	4.742	76	114708	19.078	ug/l	99
18) Methyl Acetate	5.041	43	85236	21.094	ug/l	99
19) Methyl tert-butyl Ether	5.818	73	166548	21.162	ug/l	100
20) Methylene Chloride	5.306	84	52765	20.326	ug/l	94
21) trans-1,2-Dichloroethene	5.812	96	48220	19.939	ug/l	94
22) Diisopropyl ether	6.683	45	159050	20.931	ug/l	95
23) Vinyl Acetate	6.618	43	670270	104.402	ug/l	99
24) 1,1-Dichloroethane	6.583	63	92122	21.066	ug/l	98
25) 2-Butanone	7.494	43	225186	99.910	ug/l	96
26) 2,2-Dichloropropane	7.506	77	79801	23.460	ug/l	99
27) cis-1,2-Dichloroethene	7.500	96	60829	21.032	ug/l	99
28) Bromochloromethane	7.824	49	57102	26.558	ug/l	95
29) Tetrahydrofuran	7.847	42	148387	101.064	ug/l	98
30) Chloroform	7.977	83	91459	20.943	ug/l	98
31) Cyclohexane	8.265	56	80573	18.999	ug/l	99
32) 1,1,1-Trichloroethane	8.177	97	77687	20.916	ug/l	97
36) 1,1-Dichloropropene	8.377	75	65407	21.548	ug/l	99
37) Ethyl Acetate	7.571	43	83339	21.567	ug/l	100
38) Carbon Tetrachloride	8.371	117	63750	21.392	ug/l	98
39) Methylcyclohexane	9.606	83	77414	18.615	ug/l	99
40) Benzene	8.612	78	212700	21.428	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	43540	20.063	ug/l	93
42) 1,2-Dichloroethane	8.677	62	65343	21.704	ug/l	99
43) Isopropyl Acetate	8.694	43	132187	21.314	ug/l	99
44) Trichloroethene	9.359	130	52125	22.146	ug/l	96
45) 1,2-Dichloropropane	9.624	63	53109	21.992	ug/l	95
46) Dibromomethane	9.712	93	36082	22.495	ug/l	99
47) Bromodichloromethane	9.888	83	72041	21.829	ug/l	98
48) Methyl methacrylate	9.688	41	58285	20.418	ug/l	97
49) 1,4-Dioxane	9.706	88	24046	463.039	ug/l #	99
51) 4-Methyl-2-Pentanone	10.447	43	405846	108.699	ug/l	100
52) Toluene	10.629	92	132442	21.833	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	81129	21.985	ug/l	99
54) cis-1,3-Dichloropropene	10.318	75	87941	22.272	ug/l	97
55) 1,1,2-Trichloroethane	11.018	97	52562	22.519	ug/l	99
56) Ethyl methacrylate	10.882	69	83111	22.355	ug/l	94
57) 1,3-Dichloropropane	11.165	76	89545	22.115	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.159	63	246343	111.094	ug/l	99
59) 2-Hexanone	11.206	43	239996	99.791	ug/l	95
60) Dibromochloromethane	11.359	129	54191	22.283	ug/l	98
61) 1,2-Dibromoethane	11.470	107	52801	22.070	ug/l	99
64) Tetrachloroethene	11.106	164	39226	20.683	ug/l	95
65) Chlorobenzene	11.888	112	145475	22.011	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.959	131	47747	22.474	ug/l	99
67) Ethyl Benzene	11.965	91	243851	21.420	ug/l	100
68) m/p-Xylenes	12.070	106	193828	44.477	ug/l	97
69) o-Xylene	12.400	106	91428	21.905	ug/l	98
70) Styrene	12.412	104	156664	21.935	ug/l	99
71) Bromoform	12.576	173	37369	23.739	ug/l #	100
73) Isopropylbenzene	12.694	105	226662	21.022	ug/l	98
74) N-amyl acetate	12.529	43	67853	18.009	ug/l #	92
75) 1,1,2,2-Tetrachloroethane	12.935	83	83730	22.922	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	72955m	20.737	ug/l	
77) Bromobenzene	12.982	156	56172	22.716	ug/l	98
78) n-propylbenzene	13.035	91	273536	20.875	ug/l	100
79) 2-Chlorotoluene	13.123	91	169185	21.530	ug/l	99
80) 1,3,5-Trimethylbenzene	13.170	105	185031	20.785	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.735	75	31212	20.422	ug/l	99
82) 4-Chlorotoluene	13.217	91	172791	21.731	ug/l	99
83) tert-Butylbenzene	13.435	119	169039	20.744	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	188475	21.114	ug/l	100
85) sec-Butylbenzene	13.612	105	234839	19.845	ug/l	99
86) p-Isopropyltoluene	13.729	119	193571	19.788	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	107008	21.995	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	109569	22.090	ug/l	98
89) n-Butylbenzene	14.053	91	182909	19.304	ug/l	99
90) Hexachloroethane	14.335	117	33730	20.342	ug/l	98
91) 1,2-Dichlorobenzene	14.106	146	102497	21.929	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	18116	20.738	ug/l	93
93) 1,2,4-Trichlorobenzene	15.388	180	60612	20.307	ug/l	98
94) Hexachlorobutadiene	15.500	225	19740	17.752	ug/l	98
95) Naphthalene	15.641	128	239647	21.571	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	58138	19.605	ug/l	99

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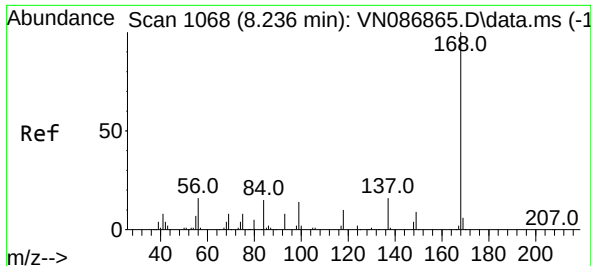
Manual Integrations
APPROVED

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Quant Time: Jun 12 01:30:36 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

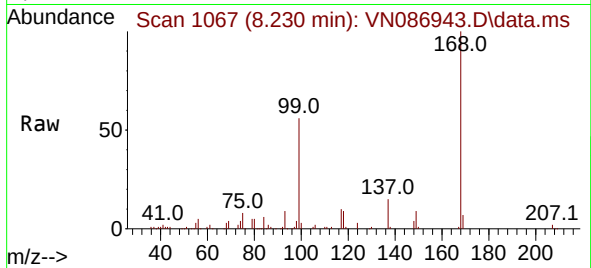
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1068
Delta R.T. -0.006 min
Lab File: VN086943.D
Acq: 11 Jun 2025 12:50

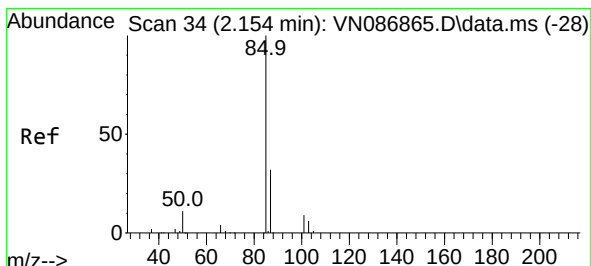
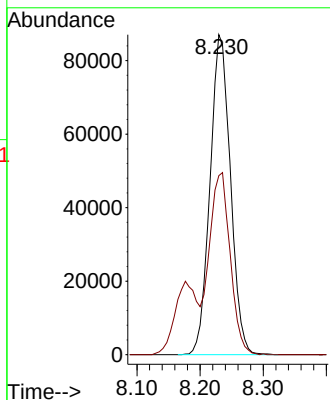
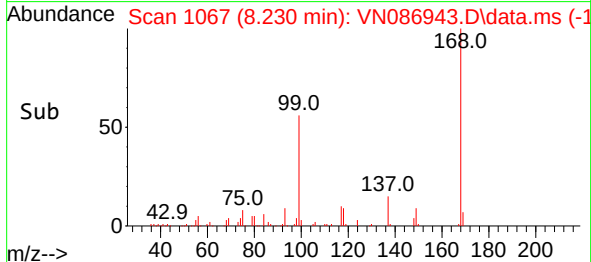
Instrument :
MSVOA_N
ClientSampleId :
VN0611WBS01



Tgt Ion:168 Resp: 195290
Ion Ratio Lower Upper
168 100
99 56.0 49.1 73.7

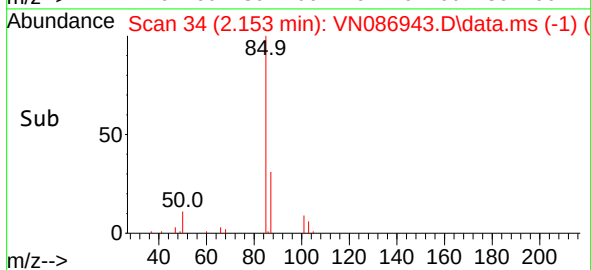
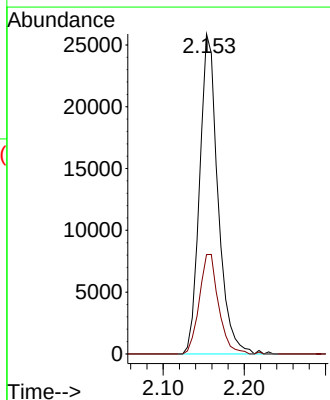
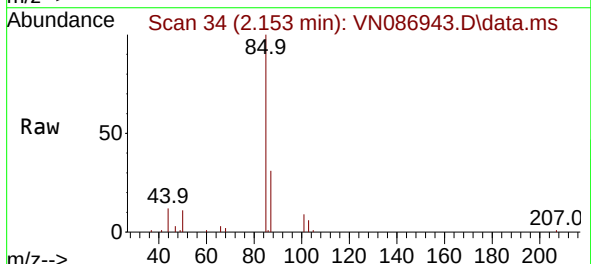
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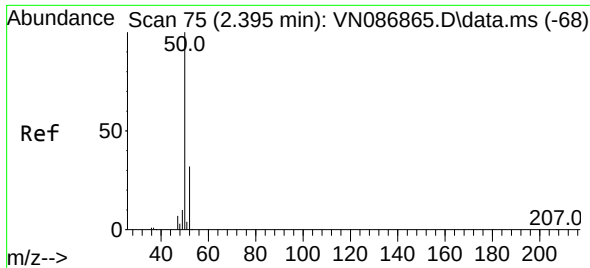
Reviewed By :John Carlone 06/12/2025
Supervised By :Semsettin Yesilyurt 06/12/2025



#2
Dichlorodifluoromethane
Concen: 20.837 ug/l
RT: 2.153 min Scan# 34
Delta R.T. -0.000 min
Lab File: VN086943.D
Acq: 11 Jun 2025 12:50

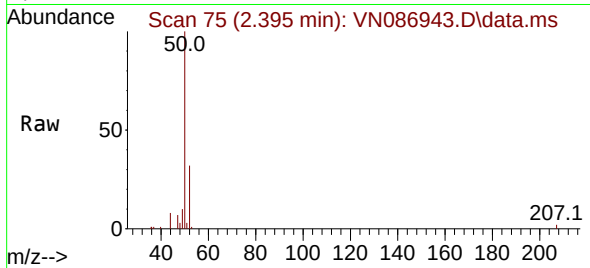
Tgt Ion: 85 Resp: 40574
Ion Ratio Lower Upper
85 100
87 31.1 16.2 48.6





#3
Chloromethane
Concen: 17.539 ug/l
RT: 2.395 min Scan# 75
Delta R.T. -0.000 min
Lab File: VN086943.D
Acq: 11 Jun 2025 12:50

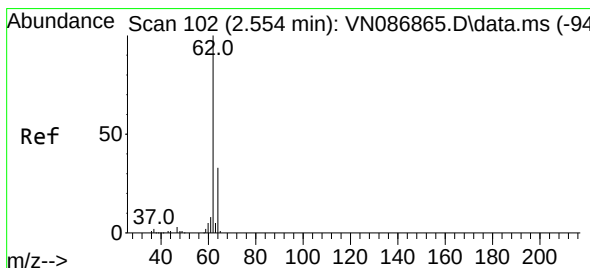
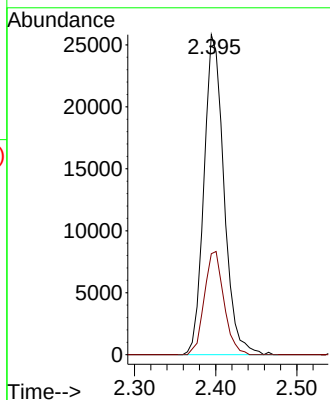
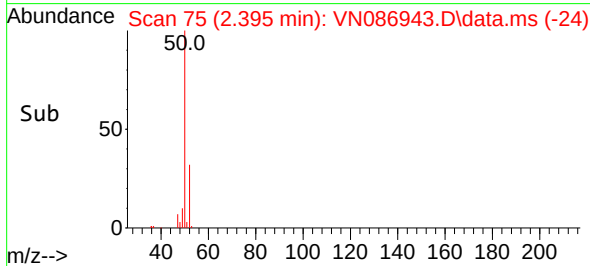
Instrument :
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Tgt Ion: 50 Resp: 4410
Ion Ratio Lower Upper
50 100
52 31.6 25.7 38.5

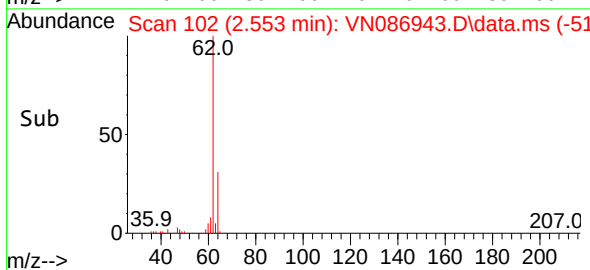
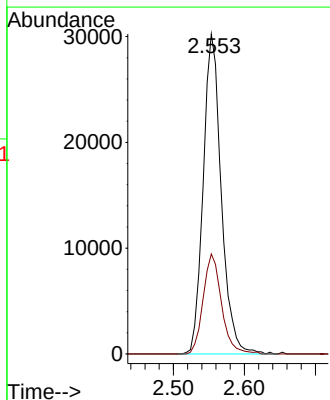
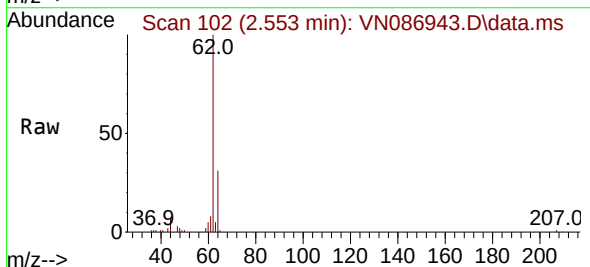
Manual Integrations
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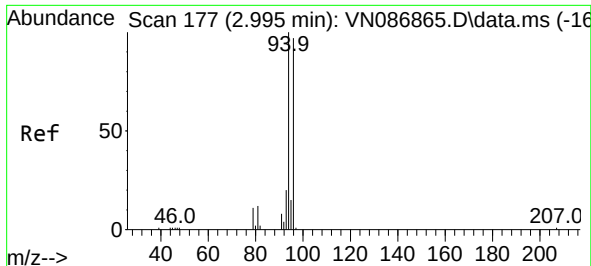
Reviewed By :John Carlone 06/12/2025
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#4
Vinyl Chloride
Concen: 20.614 ug/l
RT: 2.553 min Scan# 102
Delta R.T. -0.000 min
Lab File: VN086943.D
Acq: 11 Jun 2025 12:50

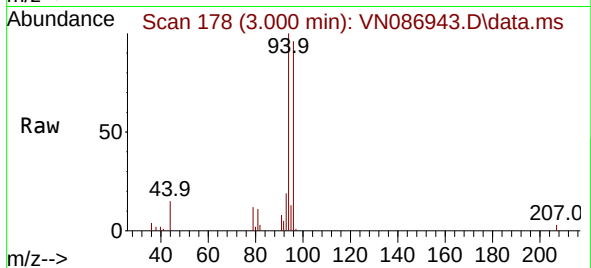
Tgt Ion: 62 Resp: 53467
Ion Ratio Lower Upper
62 100
64 31.3 26.0 39.0





#5
Bromomethane
Concen: 18.489 ug/l
RT: 3.000 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN086943.D
Acq: 11 Jun 2025 12:50

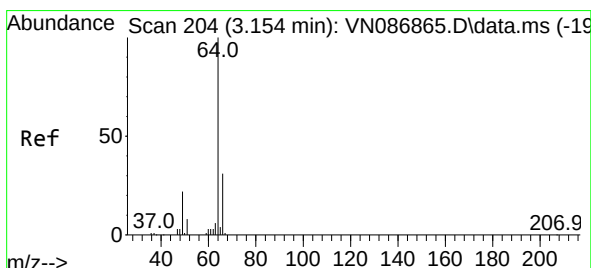
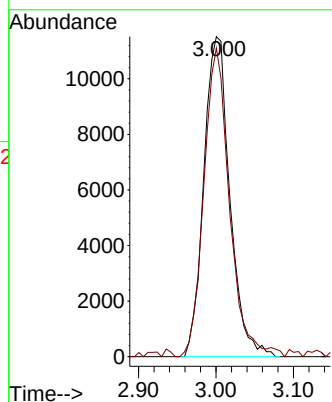
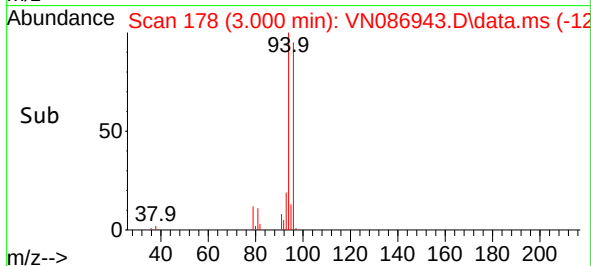
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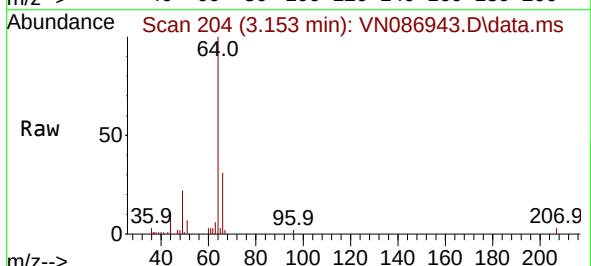
Tgt Ion: 94 Resp: 2683
Ion Ratio Lower Upper
94 100
96 96.4 77.9 116.9

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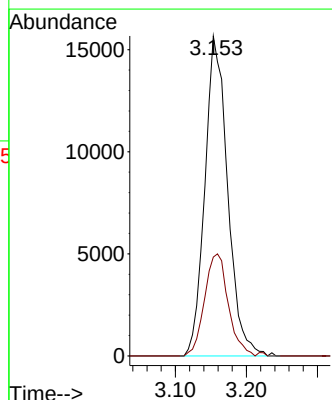
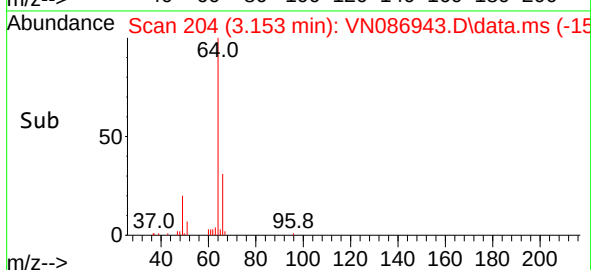
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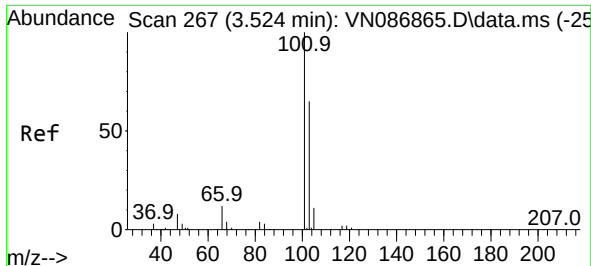


#6
Chloroethane
Concen: 20.885 ug/l
RT: 3.153 min Scan# 204
Delta R.T. -0.000 min
Lab File: VN086943.D
Acq: 11 Jun 2025 12:50



Tgt Ion: 64 Resp: 34991
Ion Ratio Lower Upper
64 100
66 30.9 24.6 36.8





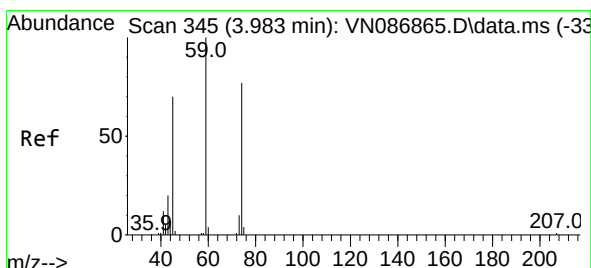
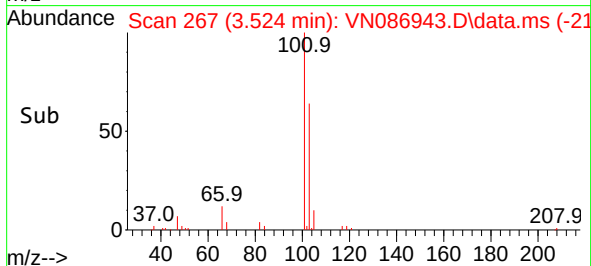
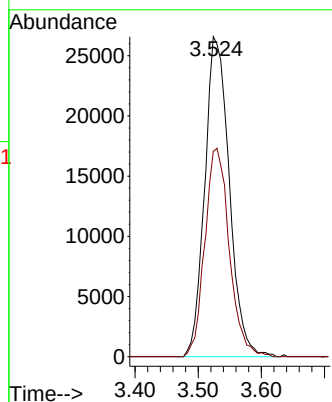
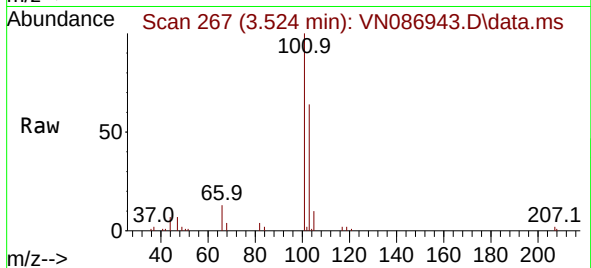
#7
 Trichlorofluoromethane
 Concen: 21.193 ug/l
 RT: 3.524 min Scan# 267
 Delta R.T. -0.000 min
 Lab File: VN086943.D
 Acq: 11 Jun 2025 12:50

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0611WBS01

Tgt Ion:101 Resp: 71820
 Ion Ratio Lower Upper
 101 100
 103 64.2 52.2 78.2

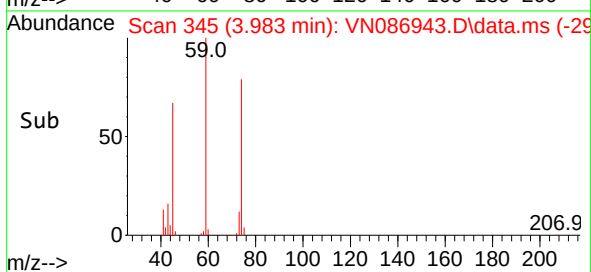
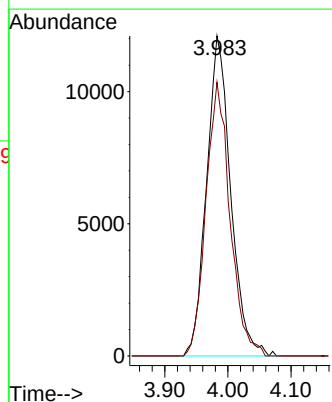
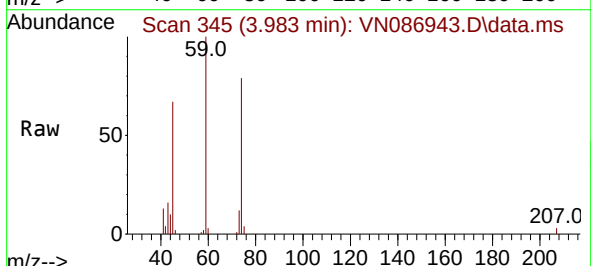
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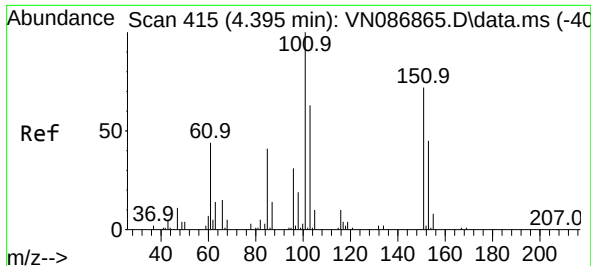
Reviewed By :John Carlone 06/12/2025
 Supervised By :Semsettin Yesilyurt 06/12/2025



#8
 Diethyl Ether
 Concen: 21.771 ug/l
 RT: 3.983 min Scan# 345
 Delta R.T. -0.000 min
 Lab File: VN086943.D
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Tgt Ion: 74 Resp: 32145
 Ion Ratio Lower Upper
 74 100
 45 85.3 45.5 136.5





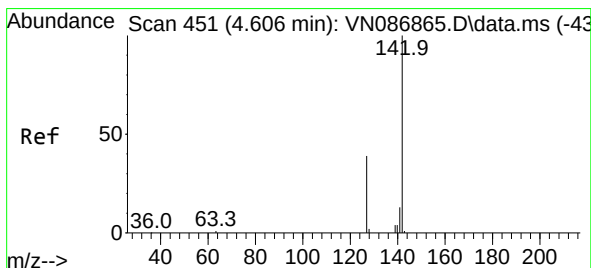
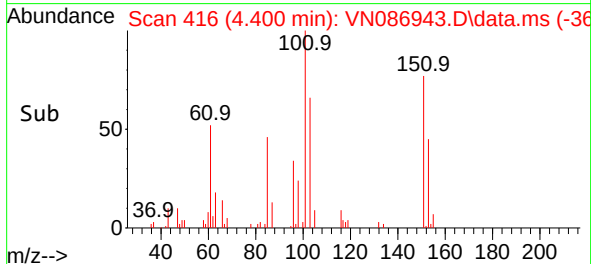
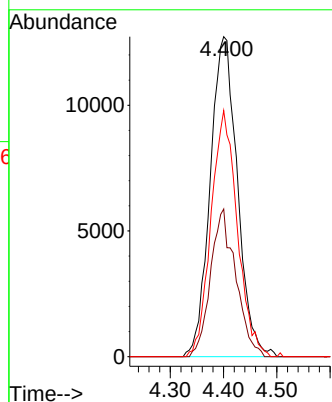
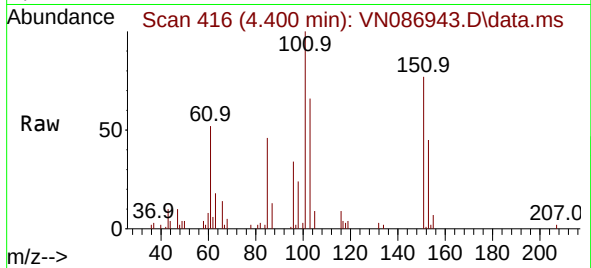
#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.204 ug/l
RT: 4.400 min Scan# 415
Delta R.T. 0.006 min
Lab File: VN086943.D
Acq: 11 Jun 2025 12:50

Instrument :
MSVOA_N
ClientSampleId :
VN0611WBS01

Tgt Ion:101 Resp: 4514
Ion Ratio Lower Upper
101 100
85 42.8 33.8 50.8
151 74.2 58.7 88.1

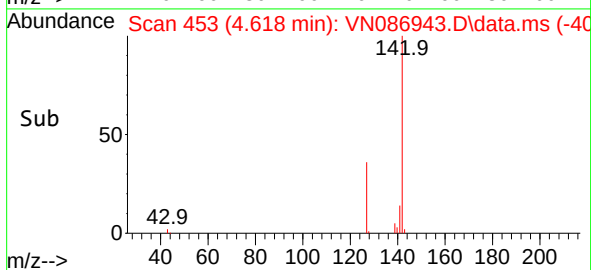
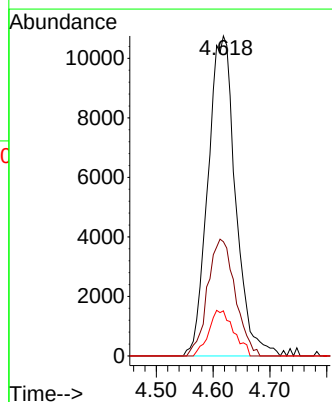
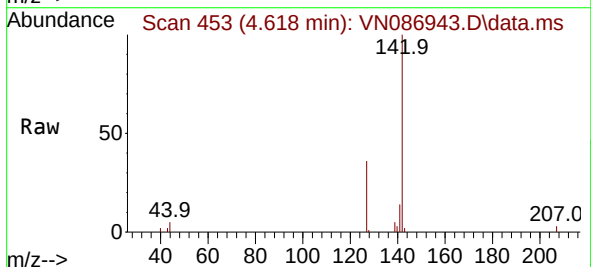
Manual Integrations
APPROVED

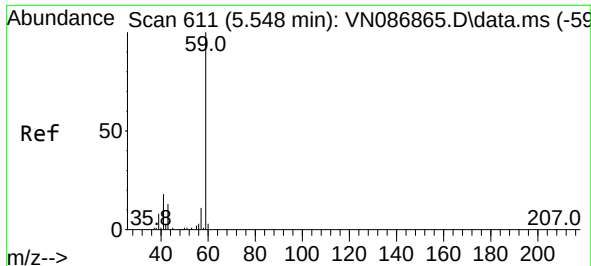
Reviewed By :John Carlone 06/12/2025
Supervised By :Semsettin Yesilyurt 06/12/2025



#10
Methyl Iodide
Concen: 13.092 ug/l
RT: 4.618 min Scan# 453
Delta R.T. 0.012 min
Lab File: VN086943.D
Acq: 11 Jun 2025 12:50

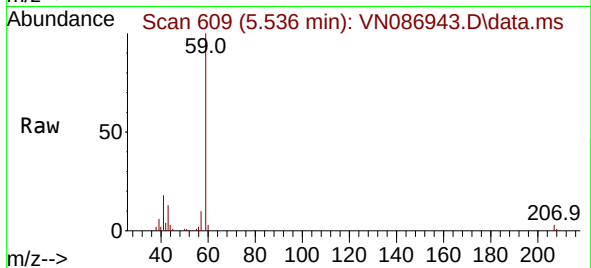
Tgt Ion:142 Resp: 36133
Ion Ratio Lower Upper
142 100
127 35.7 30.9 46.3
141 14.1 10.4 15.6





#11
Tert butyl alcohol
Concen: 100.568 ug/l
RT: 5.536 min Scan# 609
Delta R.T. -0.012 min
Lab File: VN086943.D
Acq: 11 Jun 2025 12:50

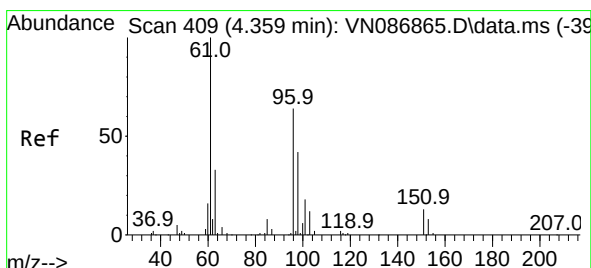
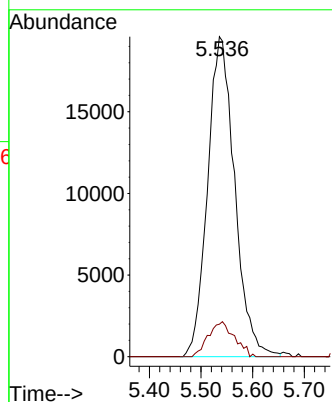
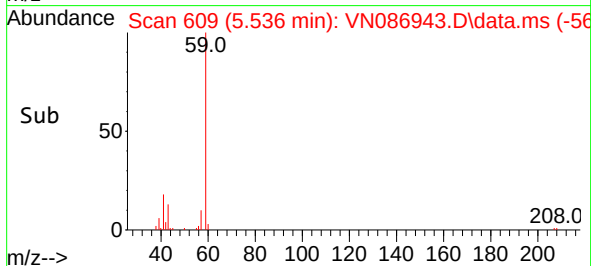
Instrument :
MSVOA_N
ClientSampleId :
VN0611WBS01



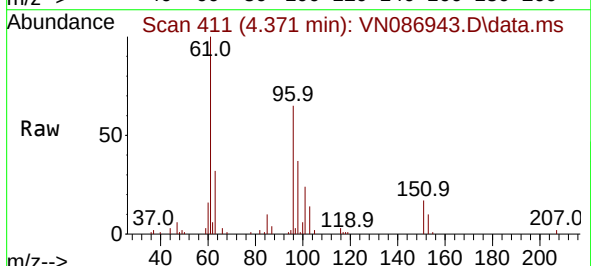
Tgt Ion: 59 Resp: 7135
Ion Ratio Lower Upper
59 100
57 10.5 8.1 12.1

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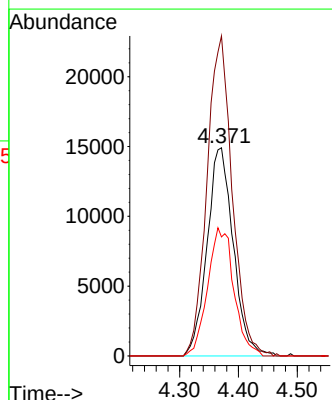
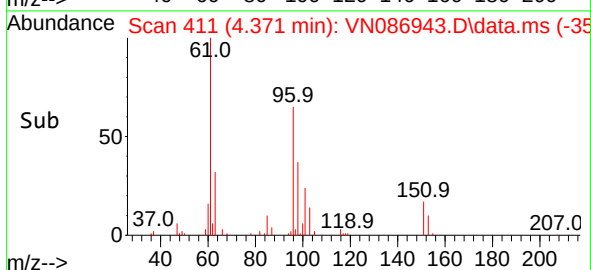
Reviewed By :John Carlone 06/12/2025
Supervised By :Semsettin Yesilyurt 06/12/2025

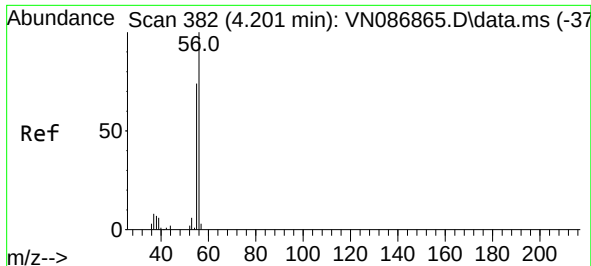


#12
1,1-Dichloroethene
Concen: 21.211 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.012 min
Lab File: VN086943.D
Acq: 11 Jun 2025 12:50



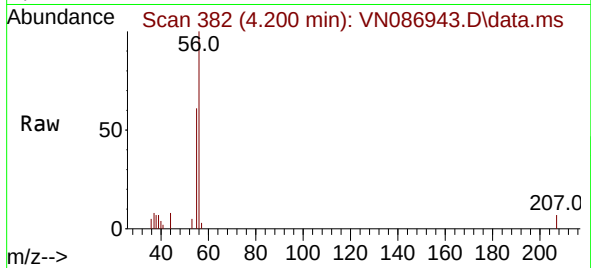
Tgt Ion: 96 Resp: 46105
Ion Ratio Lower Upper
96 100
61 153.8 125.8 188.6
98 57.2 52.5 78.7





#13
Acrolein
Concen: 85.851 ug/l
RT: 4.200 min Scan# 382
Delta R.T. -0.000 min
Lab File: VN086943.D
Acq: 11 Jun 2025 12:50

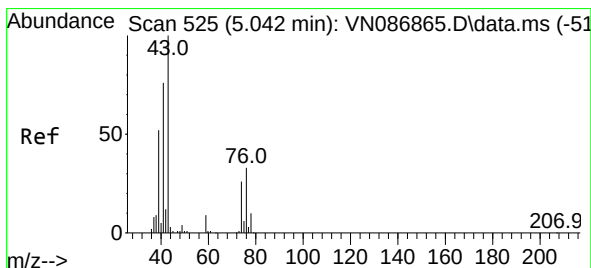
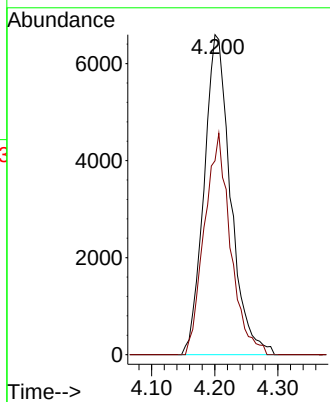
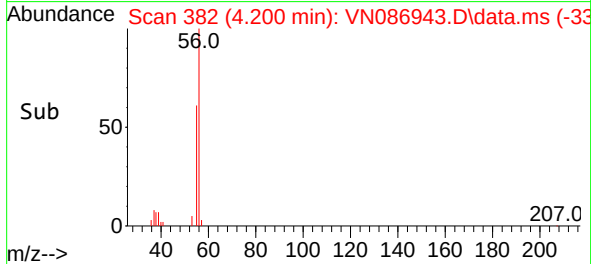
Instrument :
MSVOA_N
ClientSampleId :
VN0611WBS01



Tgt Ion: 56 Resp: 19280
Ion Ratio Lower Upper
56 100
55 68.0 55.6 83.4

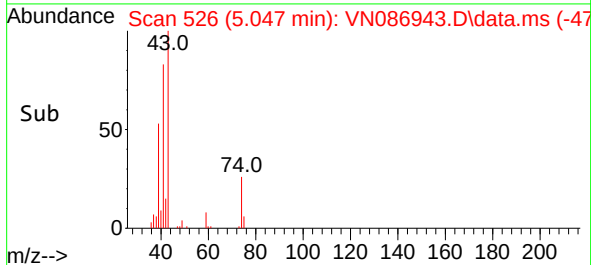
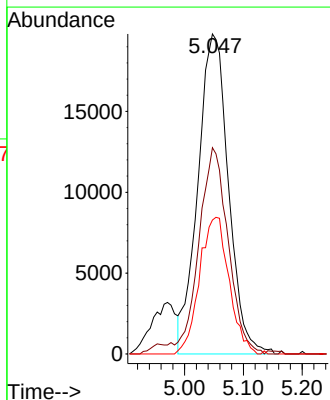
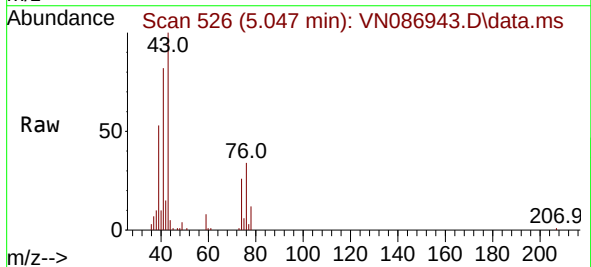
Manual Integrations
APPROVED

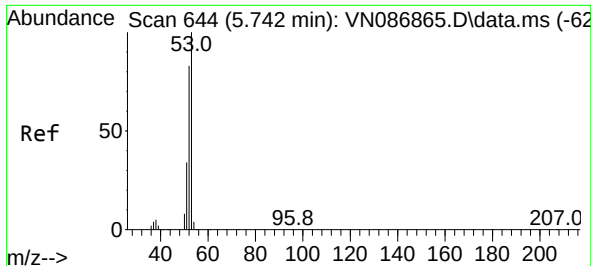
Reviewed By :John Carlone 06/12/2025
Supervised By :Semsettin Yesilyurt 06/12/2025



#14
Allyl chloride
Concen: 19.855 ug/l
RT: 5.047 min Scan# 526
Delta R.T. 0.006 min
Lab File: VN086943.D
Acq: 11 Jun 2025 12:50

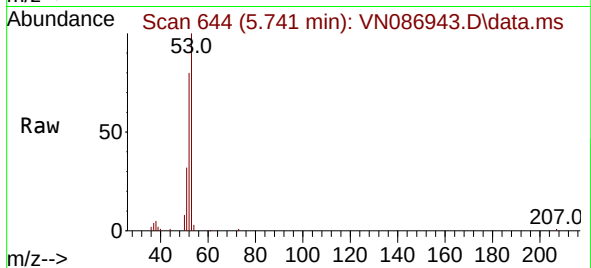
Tgt Ion: 41 Resp: 71573
Ion Ratio Lower Upper
41 100
39 61.4 51.3 76.9
76 41.2 31.4 47.0





#15
Acrylonitrile
Concen: 104.292 ug/l
RT: 5.741 min Scan# 644
Delta R.T. -0.000 min
Lab File: VN086943.D
Acq: 11 Jun 2025 12:50

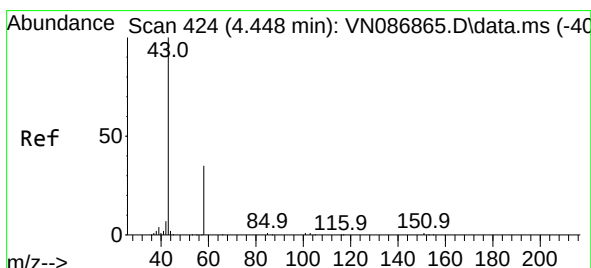
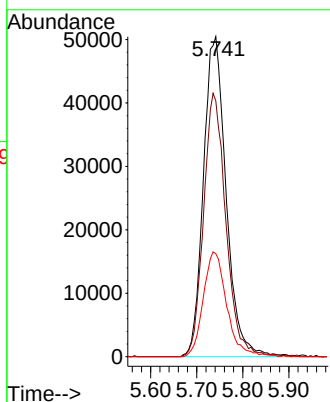
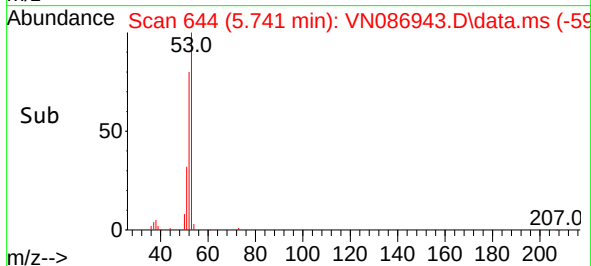
Instrument :
MSVOA_N
ClientSampleId :
VN0611WBS01



Tgt Ion: 53 Resp: 172947
Ion Ratio Lower Upper
53 100
52 80.8 65.0 97.6
51 33.8 27.2 40.8

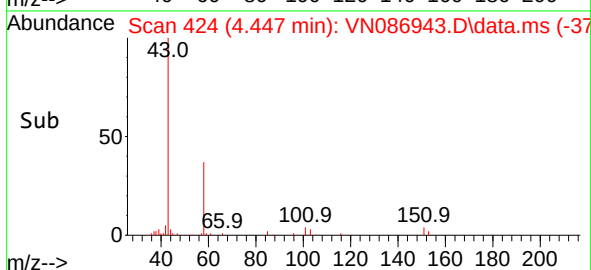
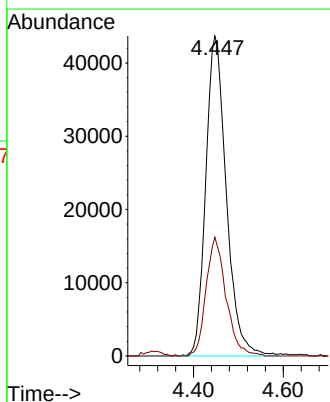
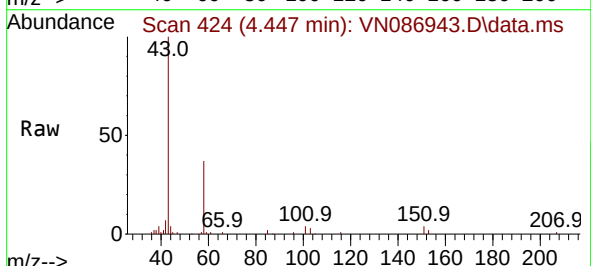
Manual Integrations
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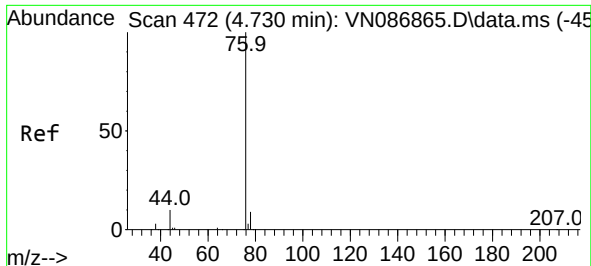
Reviewed By :John Carlone 06/12/2025
Supervised By :Semsettin Yesilyurt 06/12/2025



#16
Acetone
Concen: 100.179 ug/l
RT: 4.447 min Scan# 424
Delta R.T. -0.000 min
Lab File: VN086943.D
Acq: 11 Jun 2025 12:50

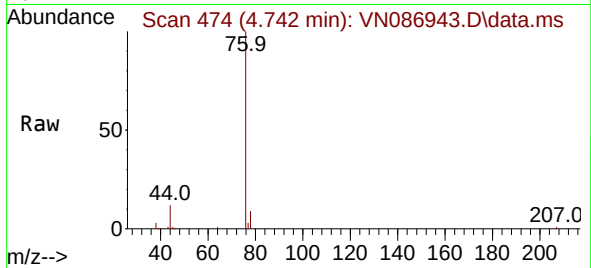
Tgt Ion: 43 Resp: 138908
Ion Ratio Lower Upper
43 100
58 37.1 28.0 42.0





#17
Carbon Disulfide
Concen: 19.078 ug/l
RT: 4.742 min Scan# 474
Delta R.T. 0.012 min
Lab File: VN086943.D
Acq: 11 Jun 2025 12:50

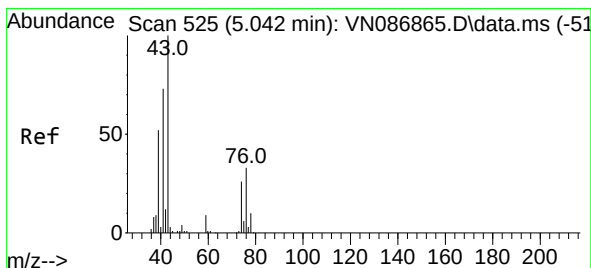
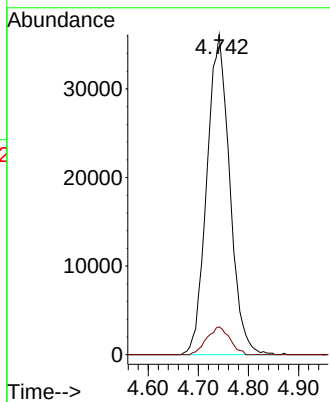
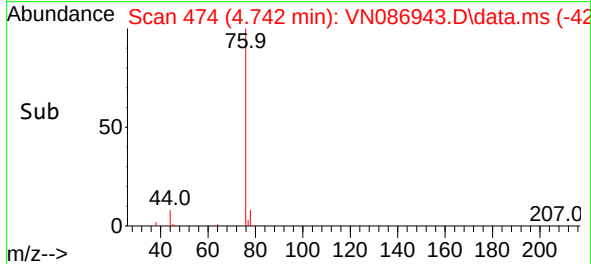
Instrument :
MSVOA_N
ClientSampleId :
VN0611WBS01



Tgt Ion: 76 Resp: 114708
Ion Ratio Lower Upper
76 100
78 8.7 7.3 10.9

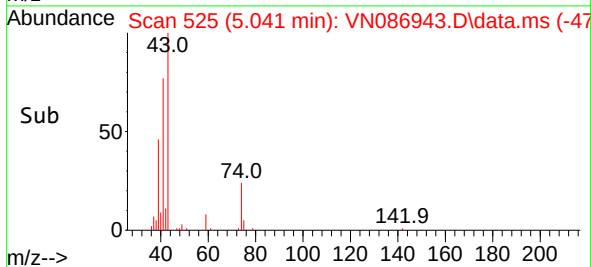
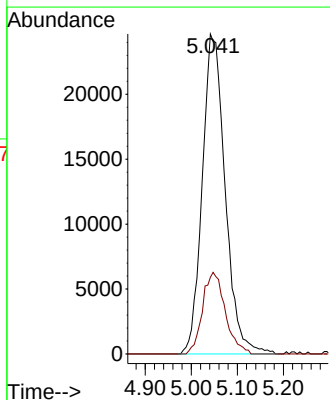
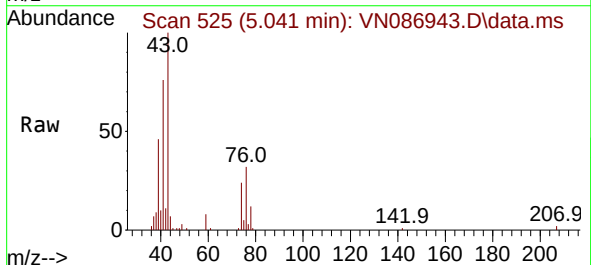
Manual Integrations
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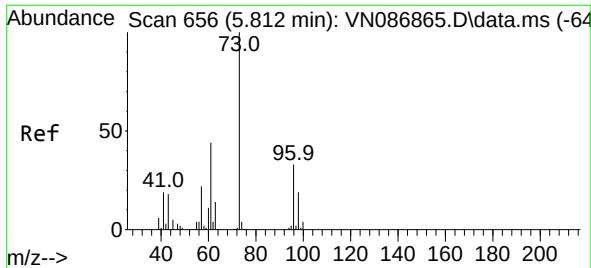
Reviewed By :John Carlone 06/12/2025
Supervised By :Semsettin Yesilyurt 06/12/2025



#18
Methyl Acetate
Concen: 21.094 ug/l
RT: 5.041 min Scan# 525
Delta R.T. -0.000 min
Lab File: VN086943.D
Acq: 11 Jun 2025 12:50

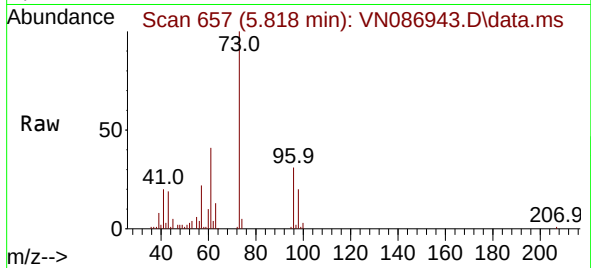
Tgt Ion: 43 Resp: 85236
Ion Ratio Lower Upper
43 100
74 25.3 20.7 31.1





#19
Methyl tert-butyl Ether
Concen: 21.162 ug/l
RT: 5.818 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN086943.D
Acq: 11 Jun 2025 12:50

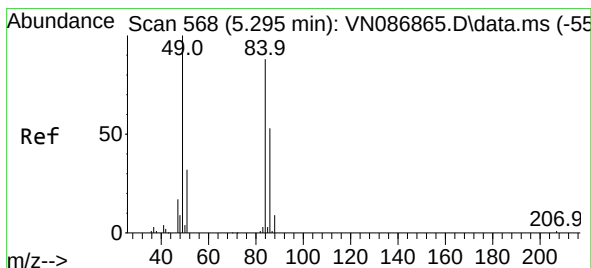
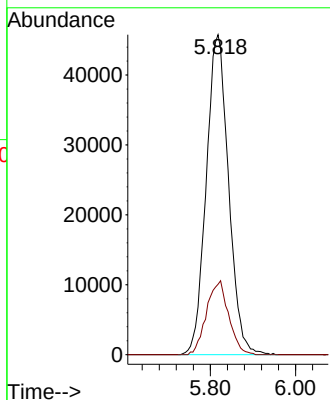
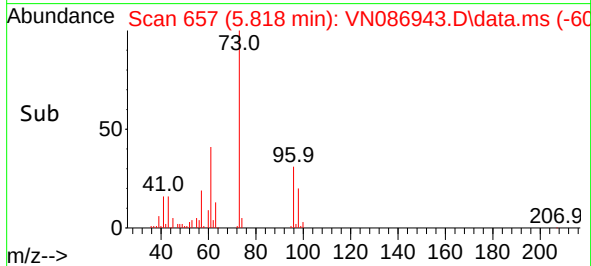
Instrument :
MSVOA_N
ClientSampleId :
VN0611WBS01



Tgt Ion: 73 Resp: 166548
Ion Ratio Lower Upper
73 100
57 22.0 17.4 26.2

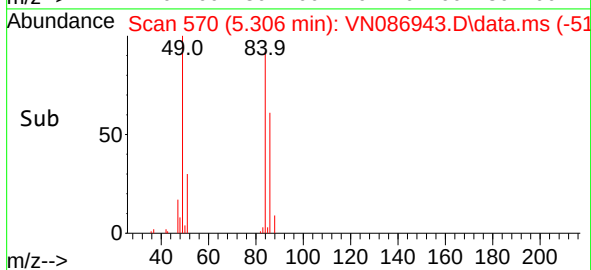
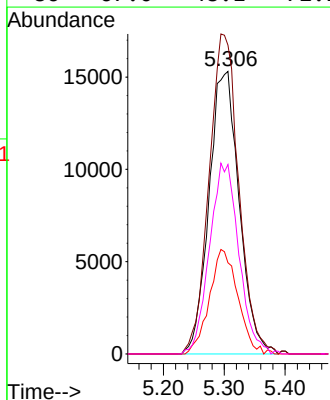
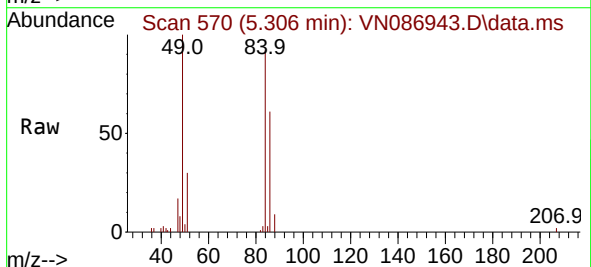
Manual Integrations
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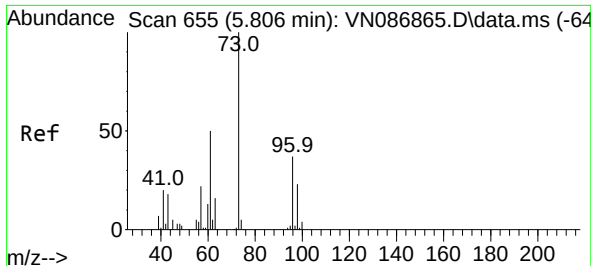
Reviewed By :John Carlone 06/12/2025
Supervised By :Semsettin Yesilyurt 06/12/2025



#20
Methylene Chloride
Concen: 20.326 ug/l
RT: 5.306 min Scan# 570
Delta R.T. 0.012 min
Lab File: VN086943.D
Acq: 11 Jun 2025 12:50

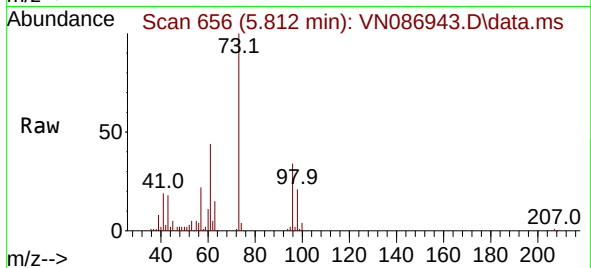
Tgt Ion: 84 Resp: 52765
Ion Ratio Lower Upper
84 100
49 109.3 90.5 135.7
51 32.3 28.5 42.7
86 67.0 48.1 72.1





#21
trans-1,2-Dichloroethene
Concen: 19.939 ug/l
RT: 5.812 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN086943.D
Acq: 11 Jun 2025 12:50

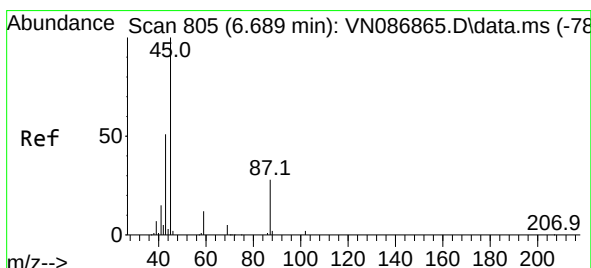
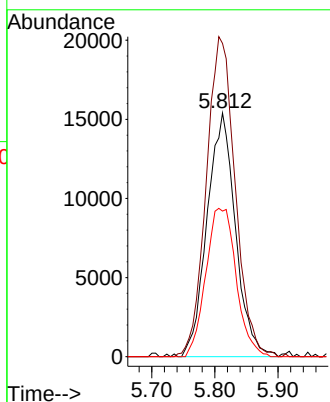
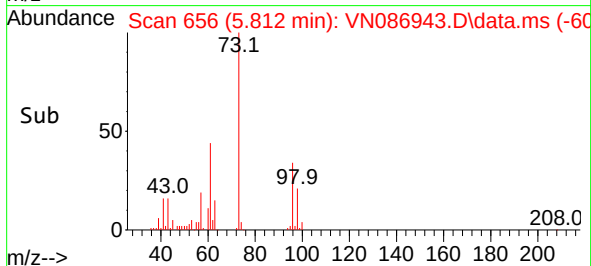
Instrument :
MSVOA_N
ClientSampleId :
VN0611WBS01



Tgt Ion: 96 Resp: 48220
Ion Ratio Lower Upper
96 100
61 128.5 109.2 163.8
98 59.7 49.8 74.8

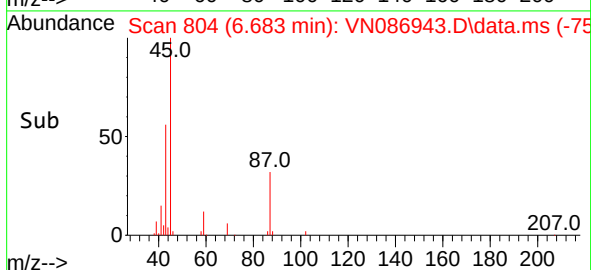
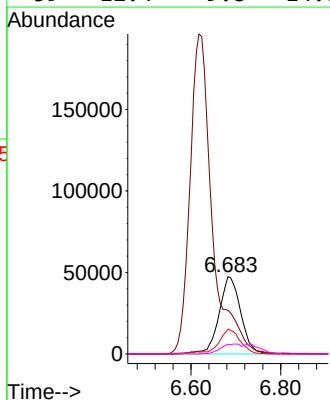
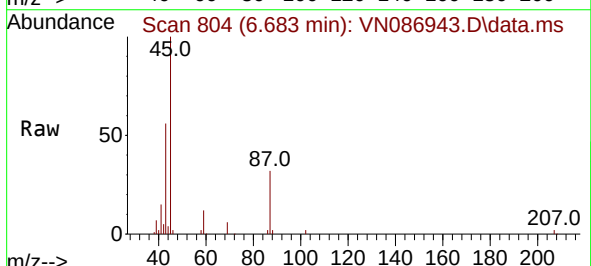
Manual Integrations
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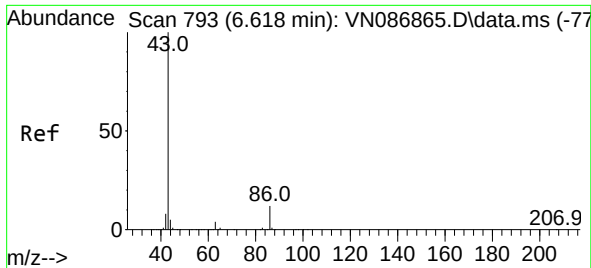
Reviewed By :John Carlone 06/12/2025
Supervised By :Semsettin Yesilyurt 06/12/2025



#22
Diisopropyl ether
Concen: 20.931 ug/l
RT: 6.683 min Scan# 804
Delta R.T. -0.006 min
Lab File: VN086943.D
Acq: 11 Jun 2025 12:50

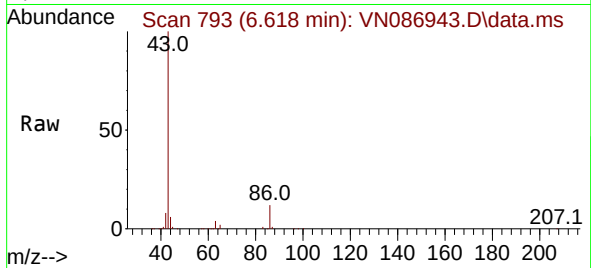
Tgt Ion: 45 Resp: 159050
Ion Ratio Lower Upper
45 100
43 55.4 41.9 62.9
87 32.0 22.4 33.6
59 12.4 9.8 14.6





#23
 Vinyl Acetate
 Concen: 104.402 ug/l
 RT: 6.618 min Scan# 793
 Delta R.T. -0.000 min
 Lab File: VN086943.D
 Acq: 11 Jun 2025 12:50

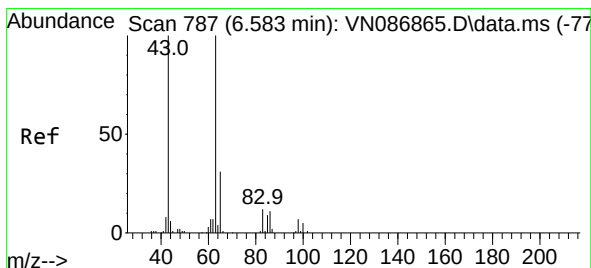
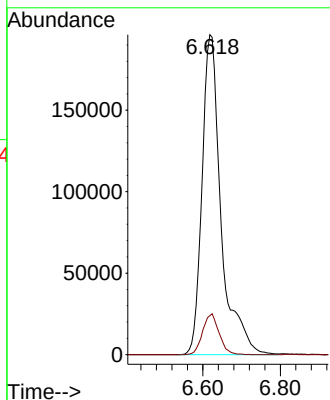
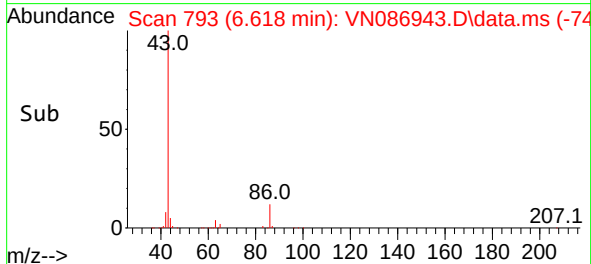
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0611WBS01



Tgt Ion: 43 Resp: 670270
 Ion Ratio Lower Upper
 43 100
 86 12.2 9.5 14.3

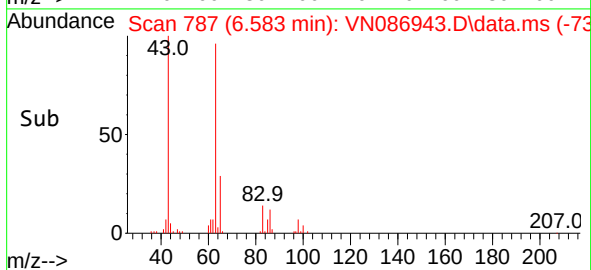
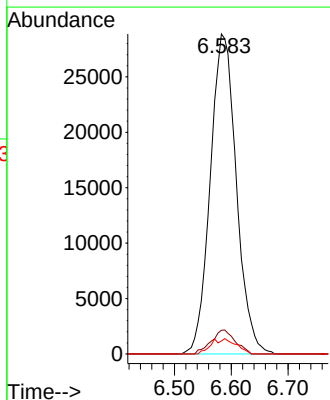
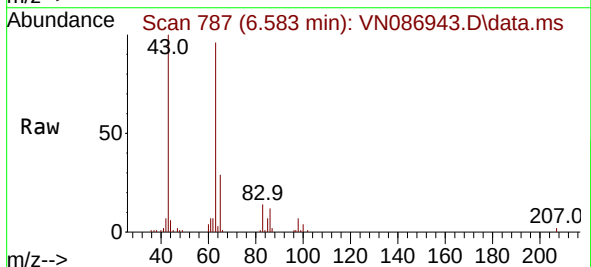
Manual Integrations
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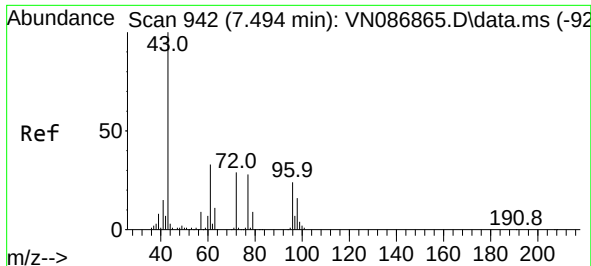
Reviewed By :John Carlone 06/12/2025
 Supervised By :Semsettin Yesilyurt 06/12/2025



#24
 1,1-Dichloroethane
 Concen: 21.066 ug/l
 RT: 6.583 min Scan# 787
 Delta R.T. -0.000 min
 Lab File: VN086943.D
 Acq: 11 Jun 2025 12:50

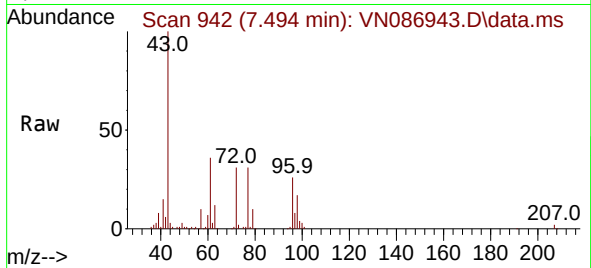
Tgt Ion: 63 Resp: 92122
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.6 10.8
 100 4.1 2.6 7.8





#25
2-Butanone
Concen: 99.910 ug/l
RT: 7.494 min Scan# 942
Delta R.T. -0.000 min
Lab File: VN086943.D
Acq: 11 Jun 2025 12:50

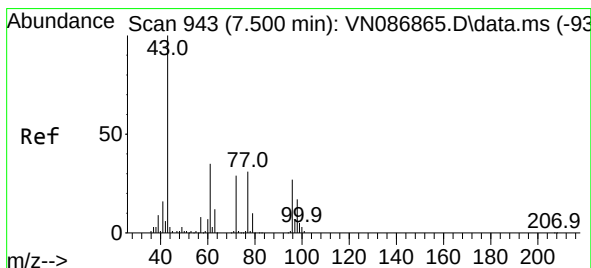
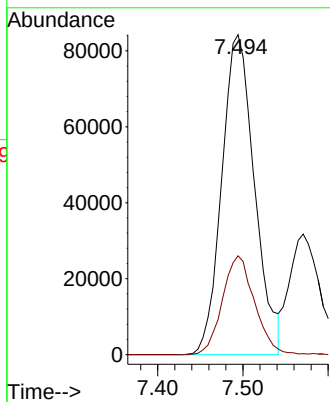
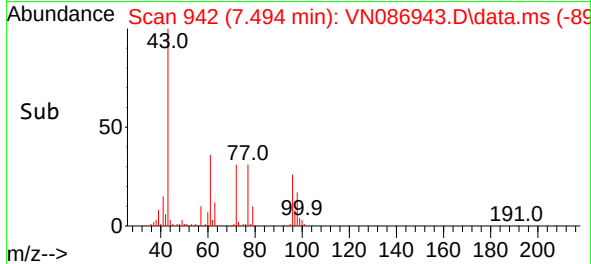
Instrument :
MSVOA_N
ClientSampleId :
VN0611WBS01



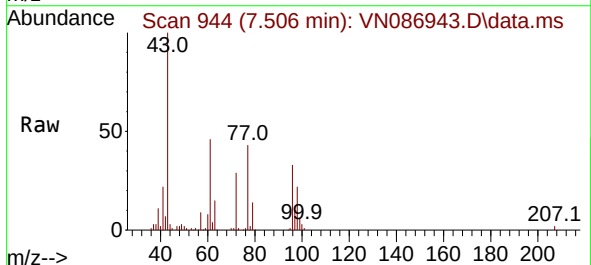
Tgt Ion: 43 Resp: 225180
Ion Ratio Lower Upper
43 100
72 30.9 23.0 34.6

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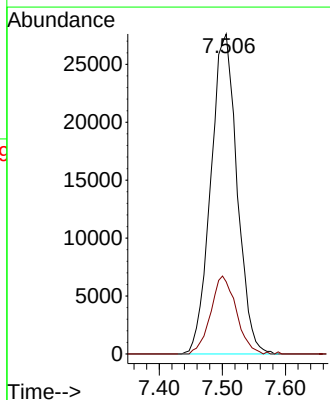
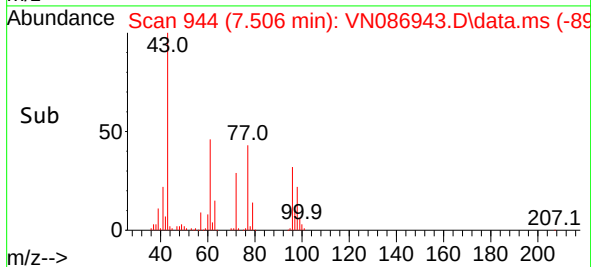
Reviewed By :John Carlone 06/12/2025
Supervised By :Semsettin Yesilyurt 06/12/2025

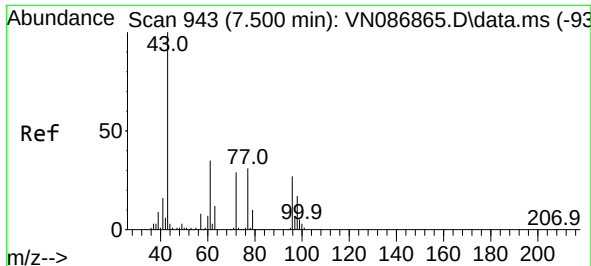


#26
2,2-Dichloropropane
Concen: 23.460 ug/l
RT: 7.506 min Scan# 944
Delta R.T. 0.006 min
Lab File: VN086943.D
Acq: 11 Jun 2025 12:50



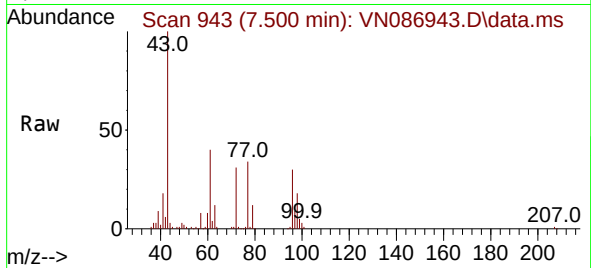
Tgt Ion: 77 Resp: 79801
Ion Ratio Lower Upper
77 100
97 23.7 11.6 34.7





#27
 cis-1,2-Dichloroethene
 Concen: 21.032 ug/l
 RT: 7.500 min Scan# 943
 Delta R.T. -0.000 min
 Lab File: VN086943.D
 Acq: 11 Jun 2025 12:50

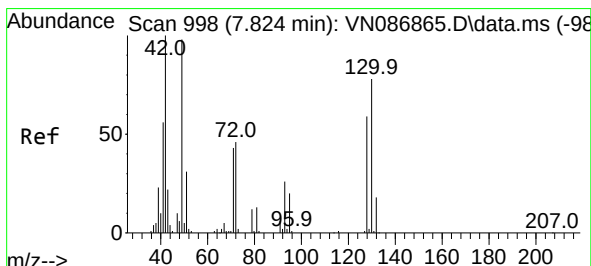
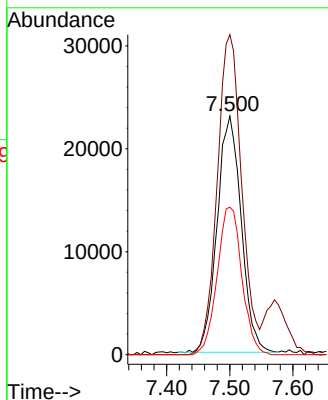
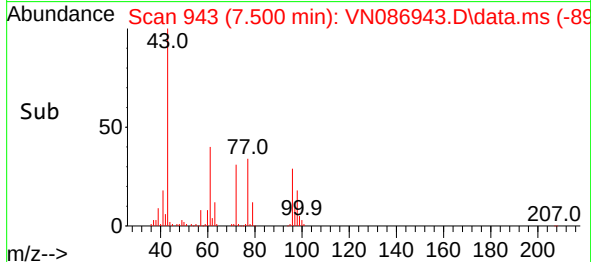
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0611WBS01



Tgt Ion: 96 Resp: 60829
 Ion Ratio Lower Upper
 96 100
 61 137.7 0.0 278.0
 98 64.0 0.0 128.2

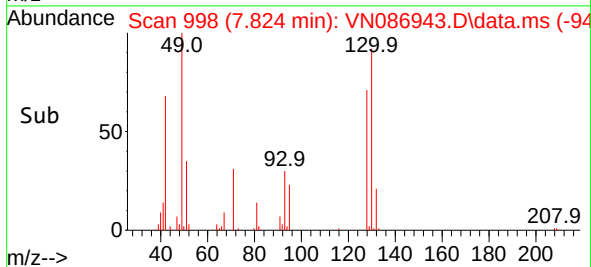
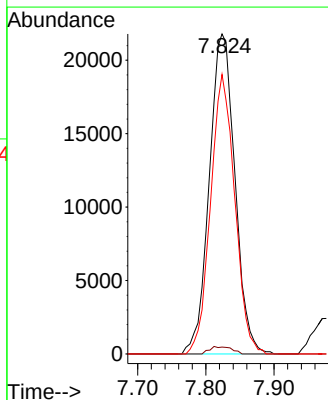
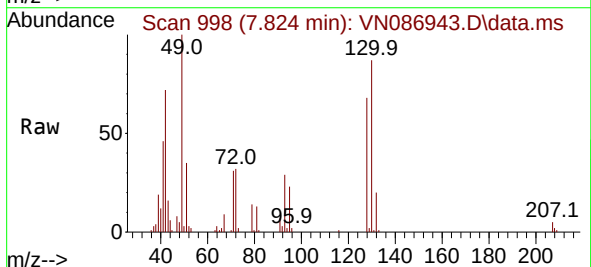
Manual Integrations
 APPROVED

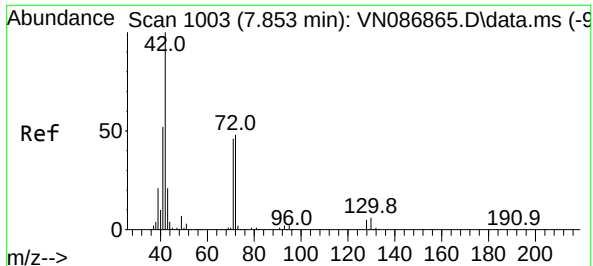
Reviewed By :John Carlone 06/12/2025
 Supervised By :Semsettin Yesilyurt 06/12/2025



#28
 Bromochloromethane
 Concen: 26.558 ug/l
 RT: 7.824 min Scan# 998
 Delta R.T. -0.000 min
 Lab File: VN086943.D
 Acq: 11 Jun 2025 12:50

Tgt Ion: 49 Resp: 57102
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 3.8
 130 82.3 62.2 93.2





#29

Tetrahydrofuran

Concen: 101.064 ug/l

RT: 7.847 min Scan# 1002

Delta R.T. -0.006 min

Lab File: VN086943.D

Acq: 11 Jun 2025 12:50

Instrument :

MSVOA_N

ClientSampleId :

VN0611WBS01

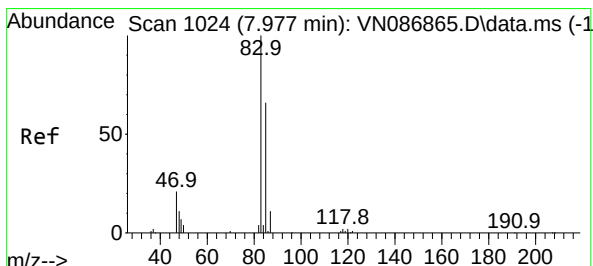
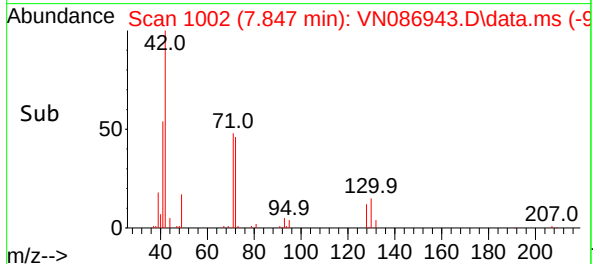
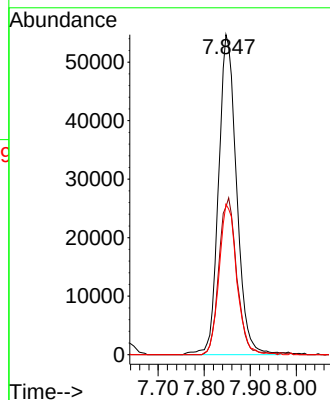
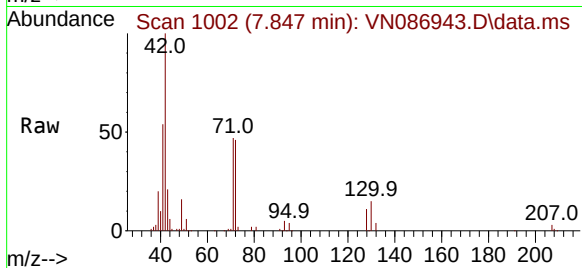
Tgt Ion: 42 Resp: 14838
Ion Ratio Lower Upper
42 100
72 48.5 37.8 56.6
71 46.3 35.6 53.4

Manual Integrations

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Reviewed By :John Carlone 06/12/2025

Supervised By :Semsettin Yesilyurt 06/12/2025



#30

Chloroform

Concen: 20.943 ug/l

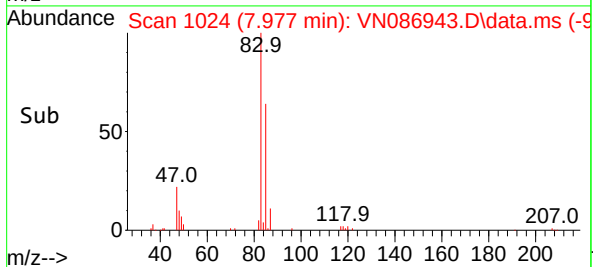
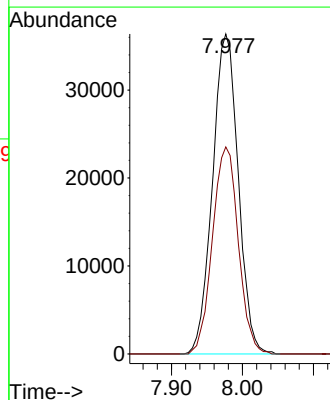
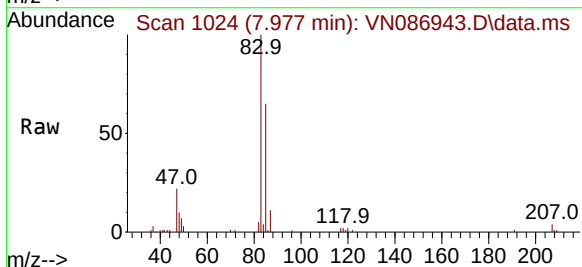
RT: 7.977 min Scan# 1024

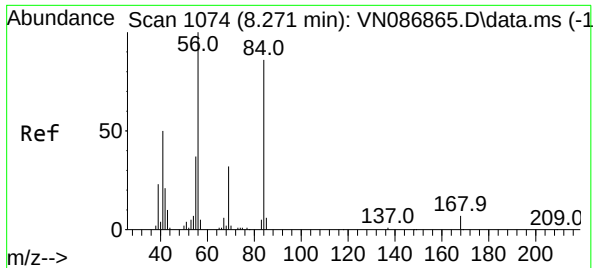
Delta R.T. -0.000 min

Lab File: VN086943.D

Acq: 11 Jun 2025 12:50

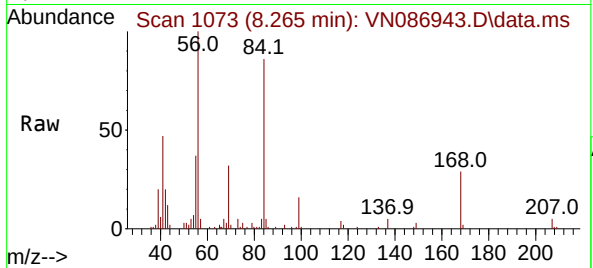
Tgt Ion: 83 Resp: 91459
Ion Ratio Lower Upper
83 100
85 64.7 52.9 79.3





#31
Cyclohexane
Concen: 18.999 ug/l
RT: 8.265 min Scan# 1073
Delta R.T. -0.006 min
Lab File: VN086943.D
Acq: 11 Jun 2025 12:50

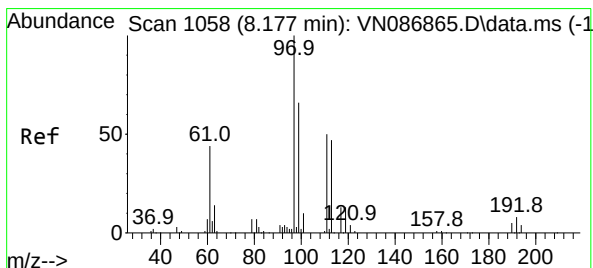
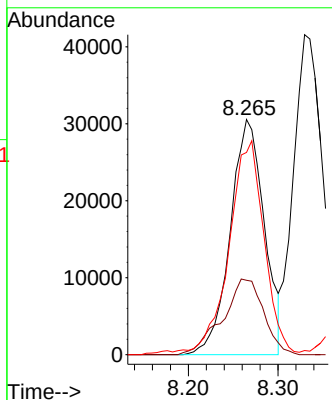
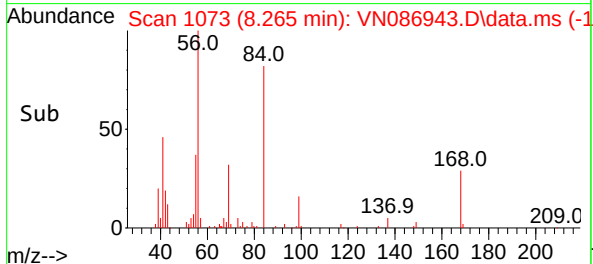
Instrument :
MSVOA_N
ClientSampleId :
VN0611WBS01



Tgt Ion: 56 Resp: 8057
Ion Ratio Lower Upper
56 100
69 31.7 25.4 38.0
84 84.3 68.8 103.2

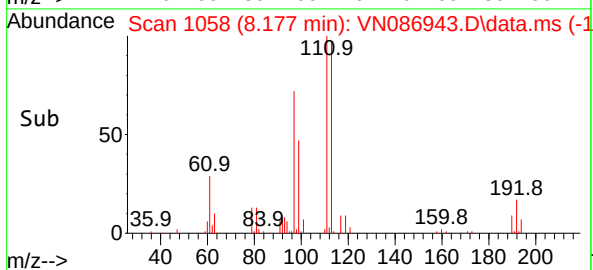
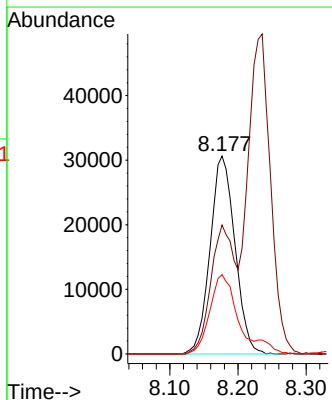
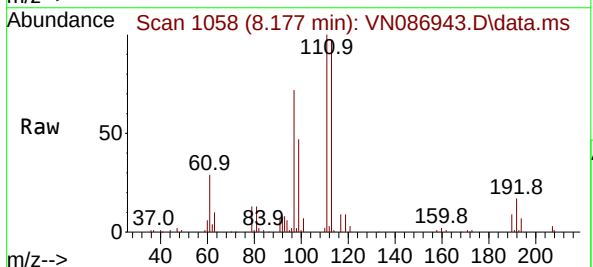
Manual Integrations
APPROVED

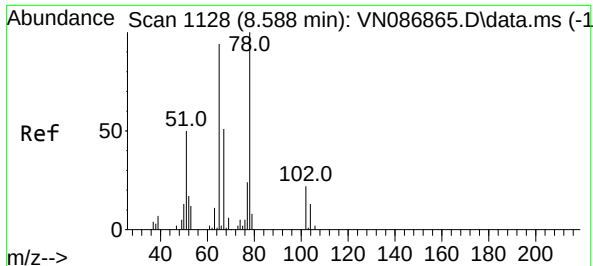
Reviewed By :John Carlone 06/12/2025
Supervised By :Semsettin Yesilyurt 06/12/2025



#32
1,1,1-Trichloroethane
Concen: 20.916 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VN086943.D
Acq: 11 Jun 2025 12:50

Tgt Ion: 97 Resp: 77687
Ion Ratio Lower Upper
97 100
99 63.2 52.0 78.0
61 46.9 35.9 53.9





#33

1,2-Dichloroethane-d4

Concen: 45.782 ug/l

RT: 8.588 min Scan# 1128

Delta R.T. -0.000 min

Lab File: VN086943.D

Acq: 11 Jun 2025 12:50

Instrument :

MSVOA_N

ClientSampleId :

VN0611WBS01

Tgt Ion: 65 Resp: 11970

Ion Ratio Lower Upper

65 100

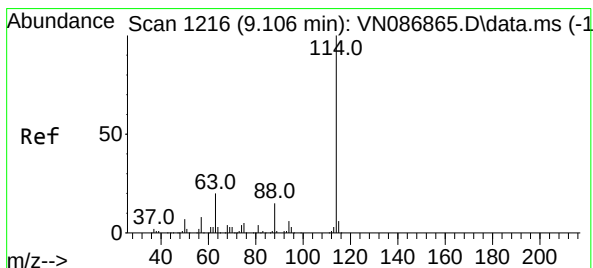
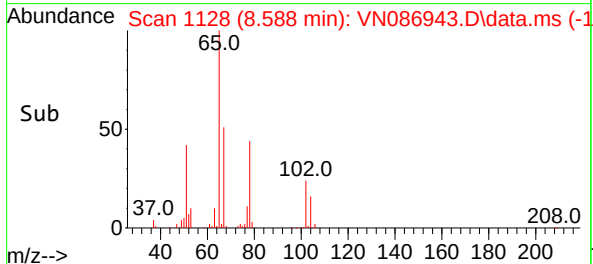
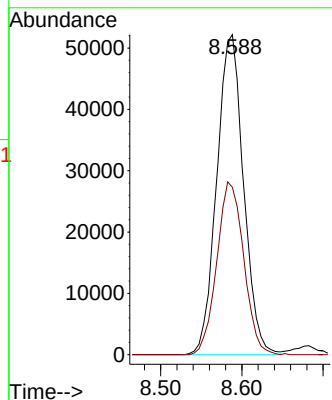
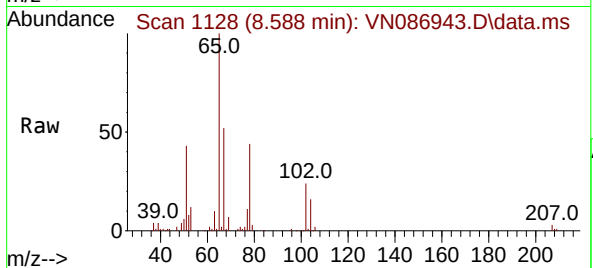
67 54.2 0.0 105.6

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: VN086943.D

Acq: 11 Jun 2025 12:50

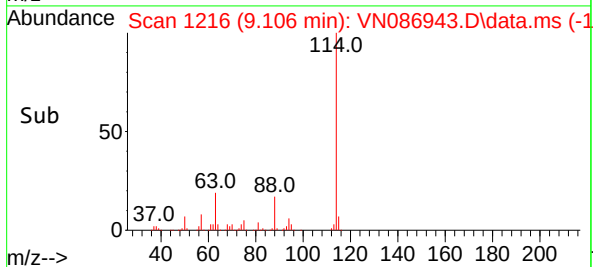
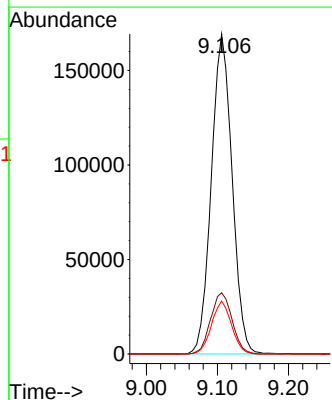
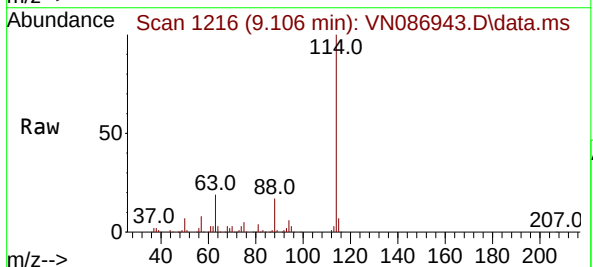
Tgt Ion:114 Resp: 343742

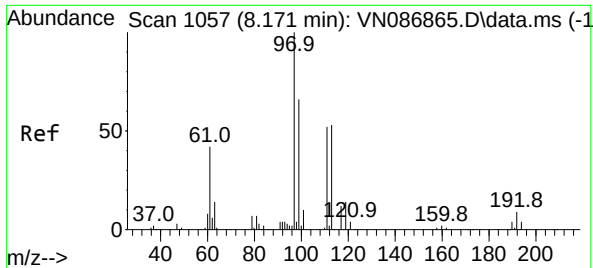
Ion Ratio Lower Upper

114 100

63 19.1 0.0 39.6

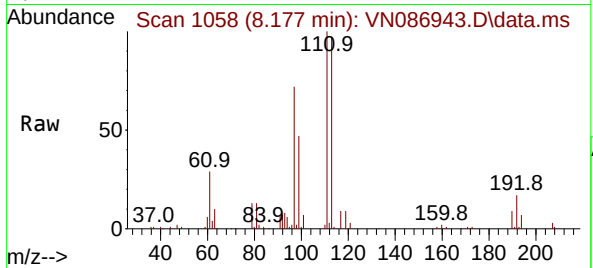
88 16.6 0.0 30.2





#35
Dibromofluoromethane
Concen: 49.606 ug/l
RT: 8.177 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN086943.D
Acq: 11 Jun 2025 12:50

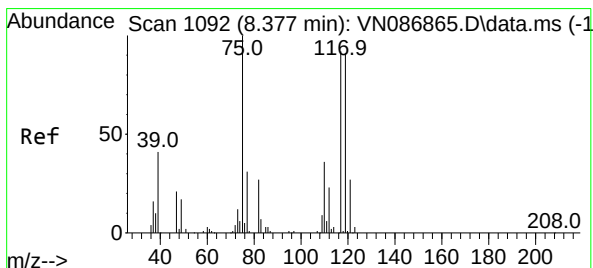
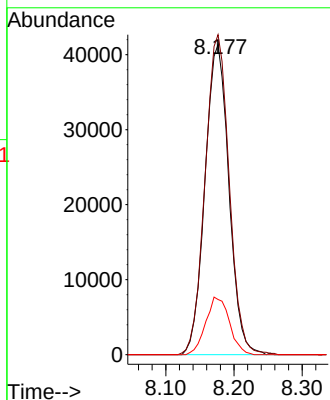
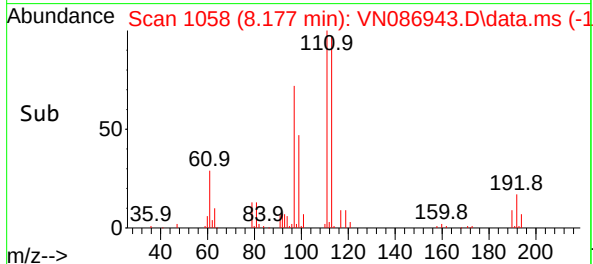
Instrument :
MSVOA_N
ClientSampleId :
VN0611WBS01



Tgt Ion: 113 Resp: 10105
Ion Ratio Lower Upper
113 100
111 103.9 84.2 126.2
192 18.4 14.2 21.4

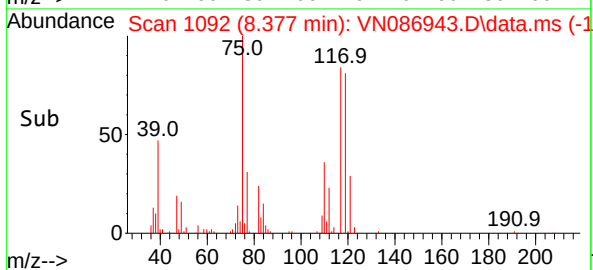
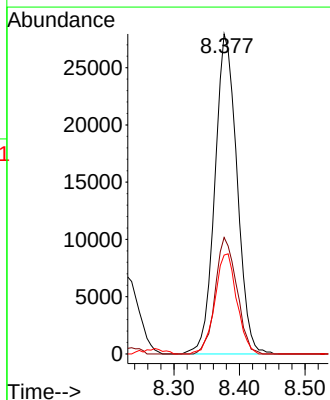
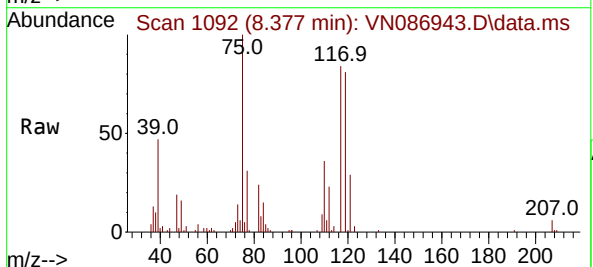
Manual Integrations
APPROVED

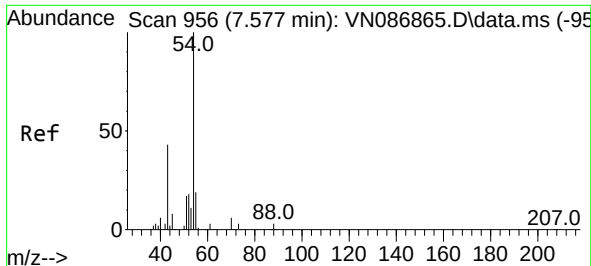
Reviewed By :John Carlone 06/12/2025
Supervised By :Semsettin Yesilyurt 06/12/2025



#36
1,1-Dichloropropene
Concen: 21.548 ug/l
RT: 8.377 min Scan# 1092
Delta R.T. -0.000 min
Lab File: VN086943.D
Acq: 11 Jun 2025 12:50

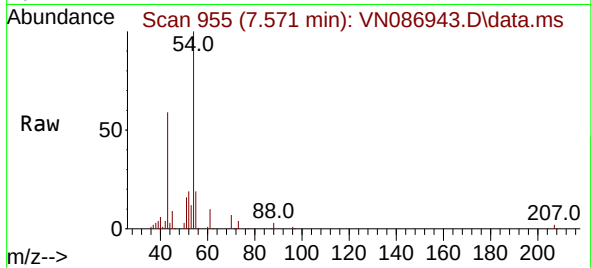
Tgt Ion: 75 Resp: 65407
Ion Ratio Lower Upper
75 100
110 35.4 17.6 52.9
77 31.1 25.3 37.9





#37
Ethyl Acetate
Concen: 21.567 ug/l
RT: 7.571 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN086943.D
Acq: 11 Jun 2025 12:50

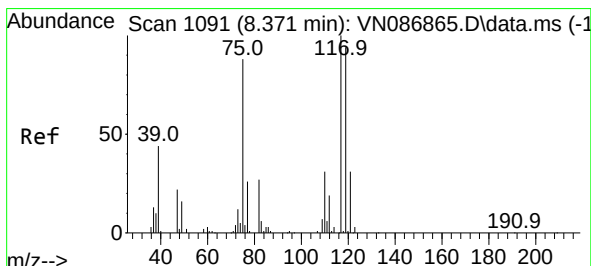
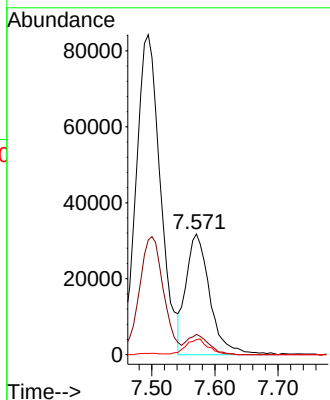
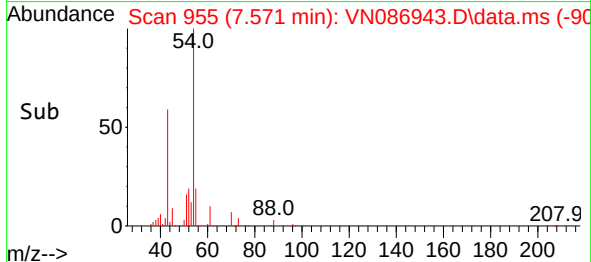
Instrument :
MSVOA_N
ClientSampleId :
VN0611WBS01



Tgt Ion: 43 Resp: 83339
Ion Ratio Lower Upper
43 100
61 15.2 12.1 18.1
70 12.4 9.8 14.6

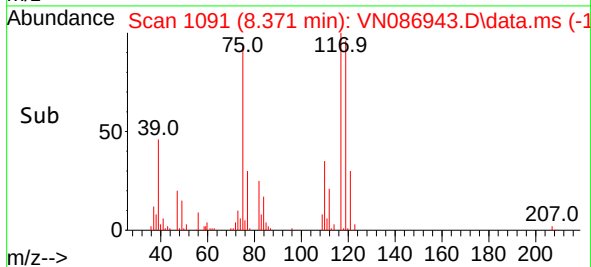
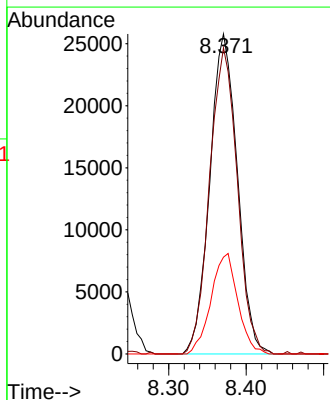
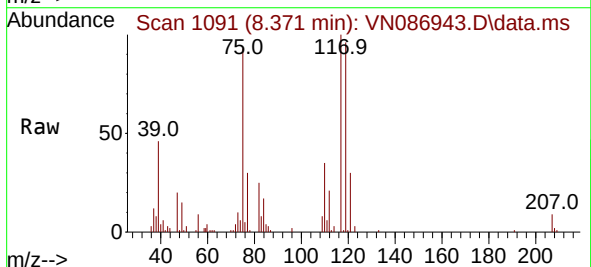
Manual Integrations
APPROVED

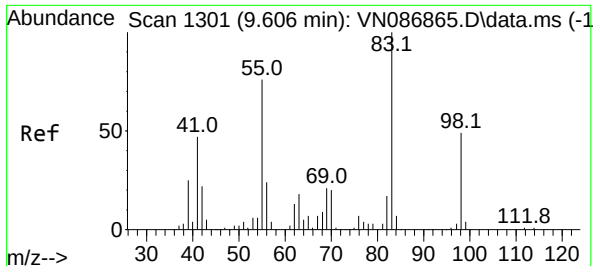
Reviewed By :John Carlone 06/12/2025
Supervised By :Semsettin Yesilyurt 06/12/2025



#38
Carbon Tetrachloride
Concen: 21.392 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.000 min
Lab File: VN086943.D
Acq: 11 Jun 2025 12:50

Tgt Ion:117 Resp: 63750
Ion Ratio Lower Upper
117 100
119 95.7 75.0 112.6
121 30.2 24.9 37.3





#39

Methylcyclohexane

Concen: 18.615 ug/l

RT: 9.606 min Scan# 11301

Delta R.T. -0.000 min

Lab File: VN086943.D

Acq: 11 Jun 2025 12:50

Instrument :

MSVOA_N

ClientSampleId :

VN0611WBS01

Tgt Ion: 83 Resp: 77414

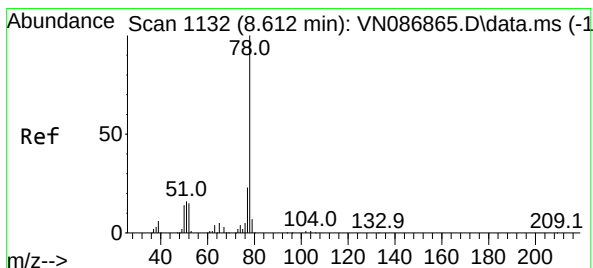
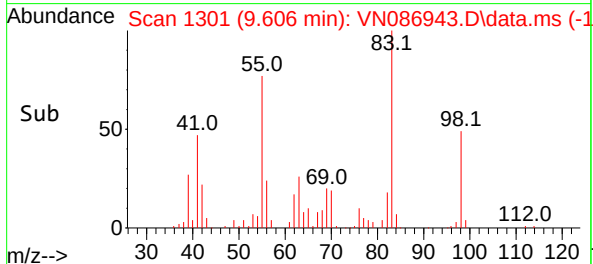
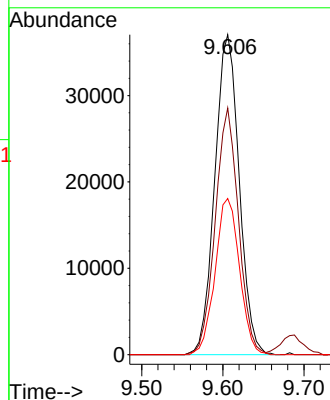
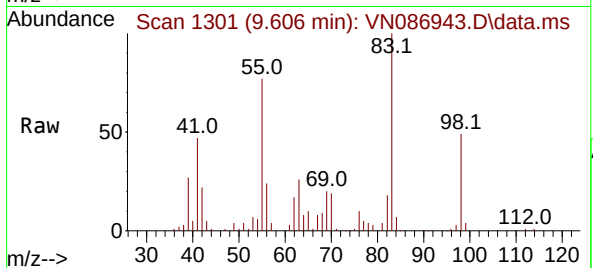
Ion	Ratio	Lower	Upper
83	100		
55	77.1	61.0	91.6
98	48.8	38.9	58.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/12/2025

Supervised By :Semsettin Yesilyurt 06/12/2025



#40

Benzene

Concen: 21.428 ug/l

RT: 8.612 min Scan# 1132

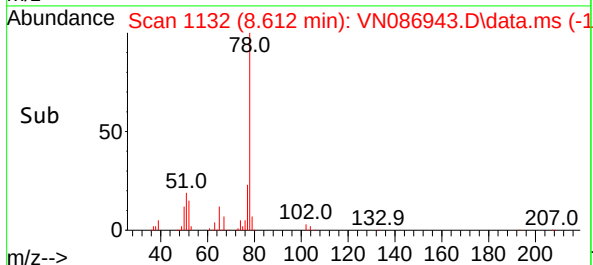
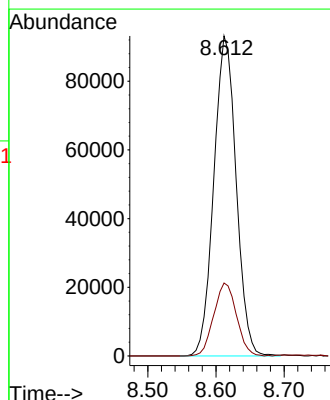
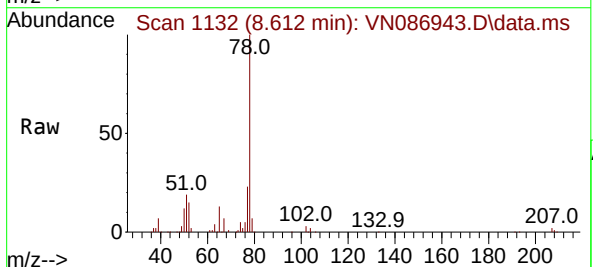
Delta R.T. -0.000 min

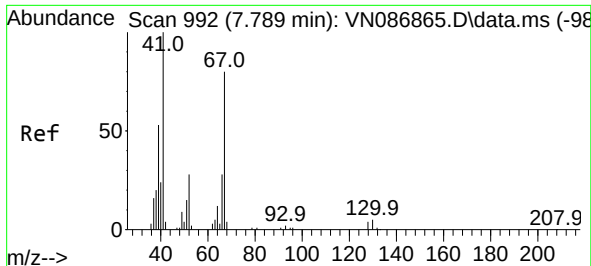
Lab File: VN086943.D

Acq: 11 Jun 2025 12:50

Tgt Ion: 78 Resp: 212700

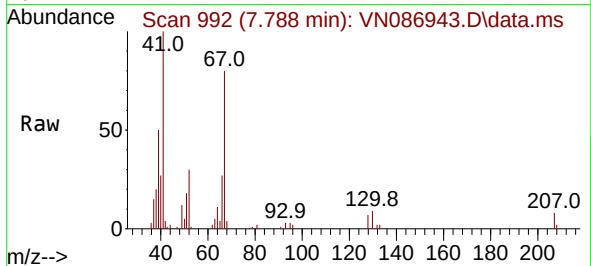
Ion	Ratio	Lower	Upper
78	100		
77	22.8	18.7	28.1





#41
Methacrylonitrile
Concen: 20.063 ug/l
RT: 7.788 min Scan# 992
Delta R.T. -0.000 min
Lab File: VN086943.D
Acq: 11 Jun 2025 12:50

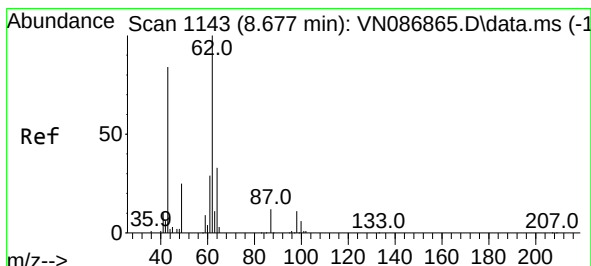
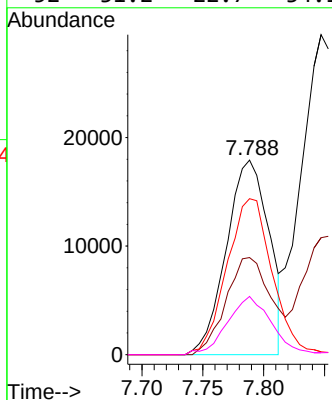
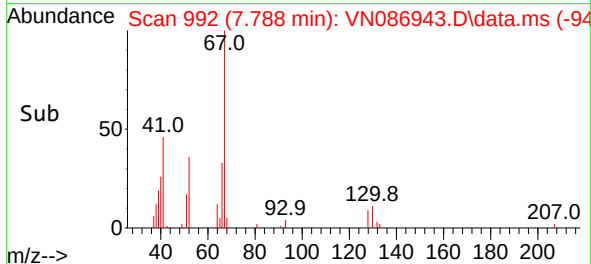
Instrument :
MSVOA_N
ClientSampleId :
VN0611WBS01



Tgt Ion:	41	Resp:	43540
Ion	Ratio	Lower	Upper
41	100		
39	53.4	41.2	61.8
67	85.6	61.4	92.2
52	31.2	22.7	34.1

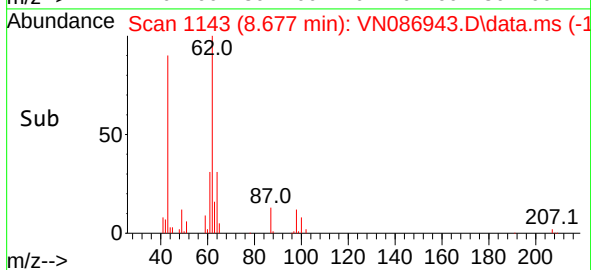
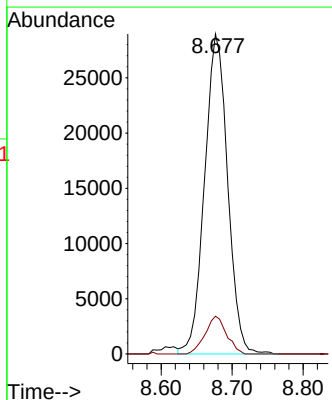
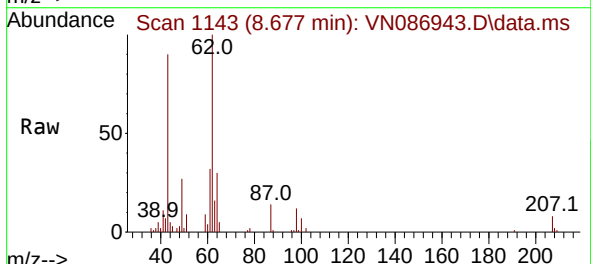
Manual Integrations
APPROVED

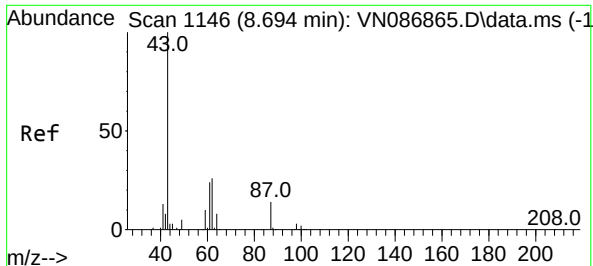
Reviewed By :John Carlone 06/12/2025
Supervised By :Semsettin Yesilyurt 06/12/2025



#42
1,2-Dichloroethane
Concen: 21.704 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN086943.D
Acq: 11 Jun 2025 12:50

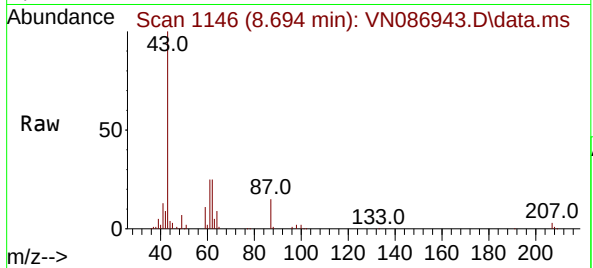
Tgt Ion:	62	Resp:	65343
Ion	Ratio	Lower	Upper
62	100		
98	10.9	0.0	21.2





#43
Isopropyl Acetate
Concen: 21.314 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VN086943.D
Acq: 11 Jun 2025 12:50

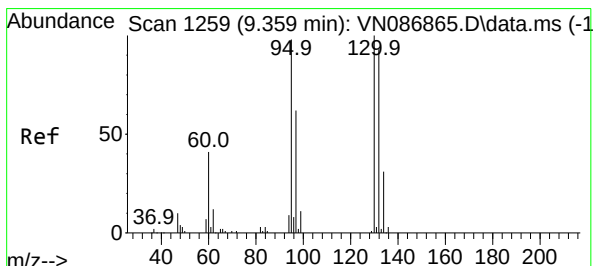
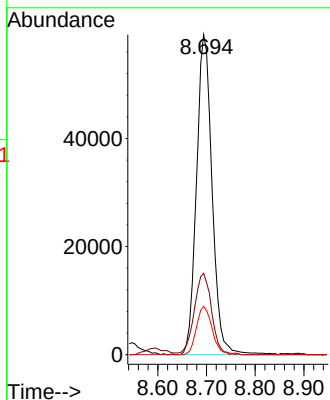
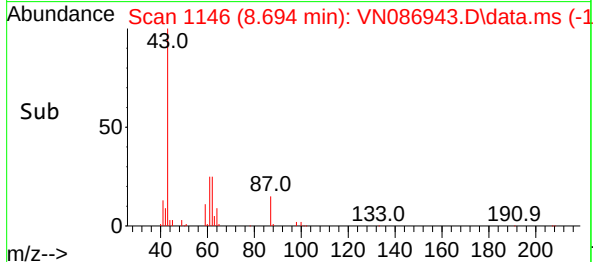
Instrument :
MSVOA_N
ClientSampleId :
VN0611WBS01



Tgt Ion: 43 Resp: 13218
Ion Ratio Lower Upper
43 100
61 28.1 22.1 33.1
87 15.0 11.8 17.6

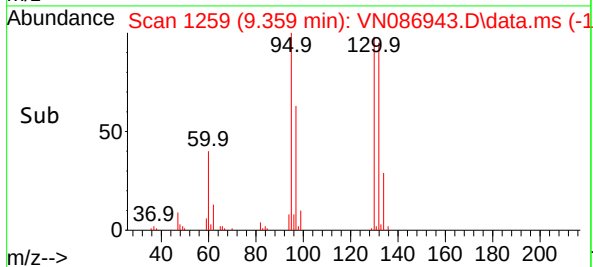
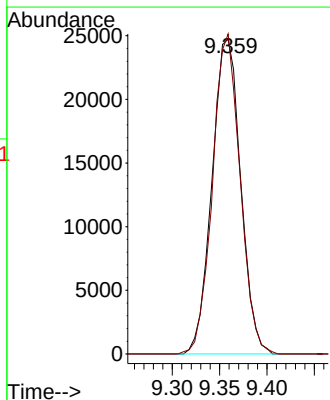
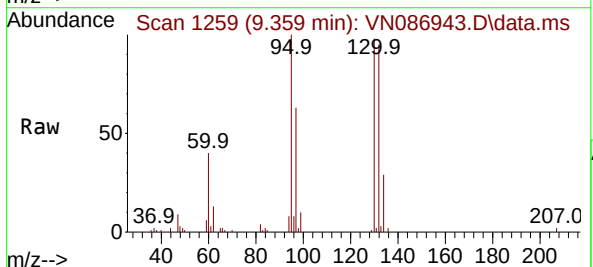
Manual Integrations
APPROVED

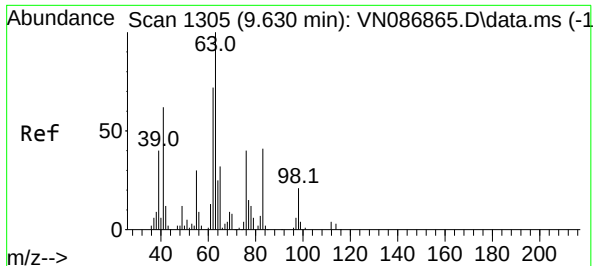
Reviewed By :John Carlone 06/12/2025
Supervised By :Semsettin Yesilyurt 06/12/2025



#44
Trichloroethene
Concen: 22.146 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VN086943.D
Acq: 11 Jun 2025 12:50

Tgt Ion:130 Resp: 52125
Ion Ratio Lower Upper
130 100
95 101.7 0.0 196.2





#45

1,2-Dichloropropane

Concen: 21.992 ug/l

RT: 9.624 min Scan# 1319

Delta R.T. -0.006 min

Lab File: VN086943.D

Acq: 11 Jun 2025 12:50

Instrument :

MSVOA_N

ClientSampleId :

VN0611WBS01

Tgt Ion: 63 Resp: 53109

Ion Ratio Lower Upper

63 100

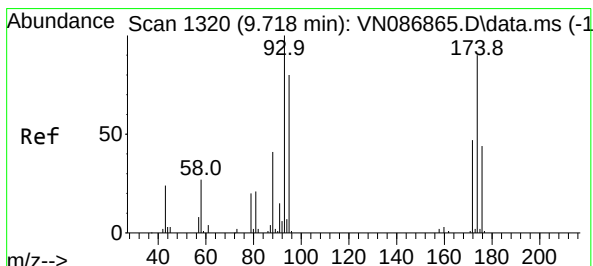
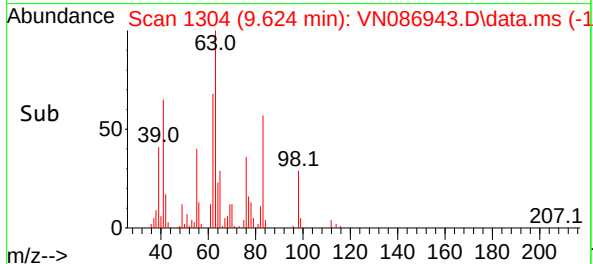
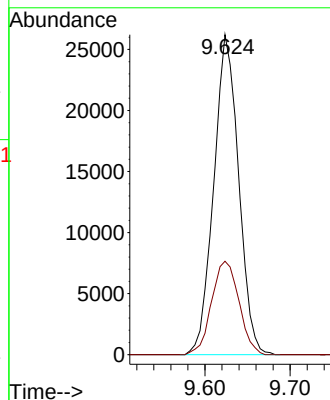
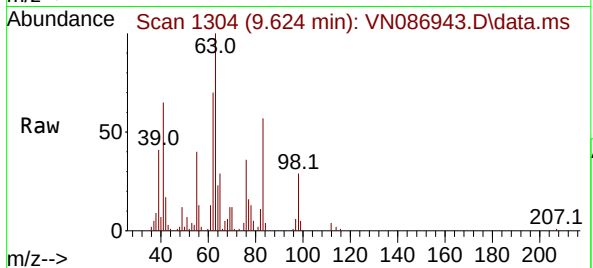
65 29.2 25.5 38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/12/2025

Supervised By :Semsettin Yesilyurt 06/12/2025



#46

Dibromomethane

Concen: 22.495 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.006 min

Lab File: VN086943.D

Acq: 11 Jun 2025 12:50

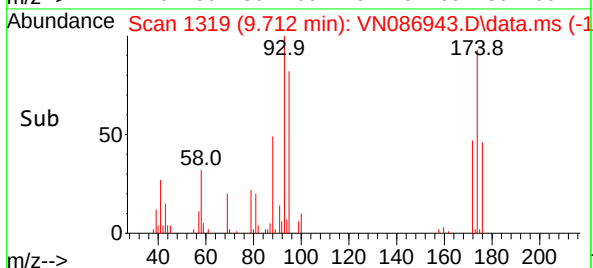
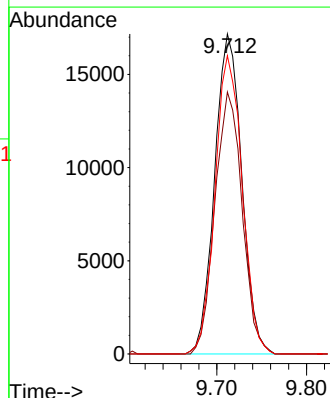
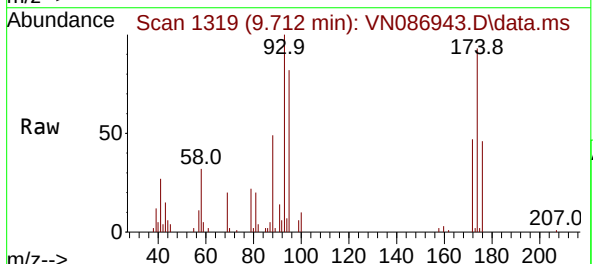
Tgt Ion: 93 Resp: 36082

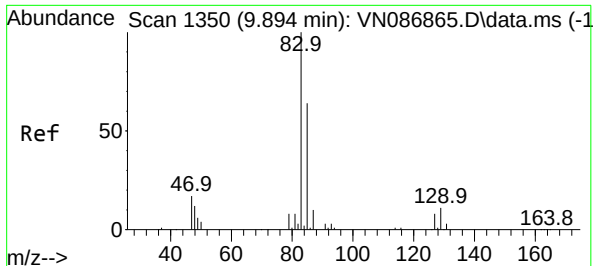
Ion Ratio Lower Upper

93 100

95 82.2 67.1 100.7

174 93.3 74.2 111.4





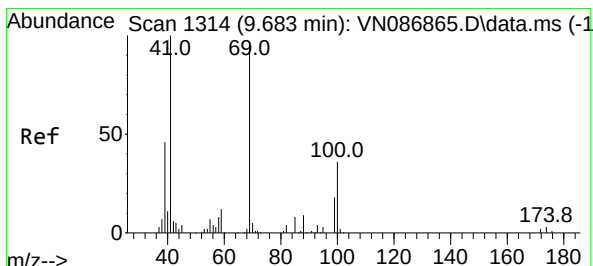
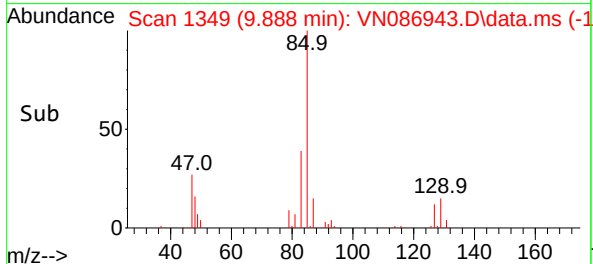
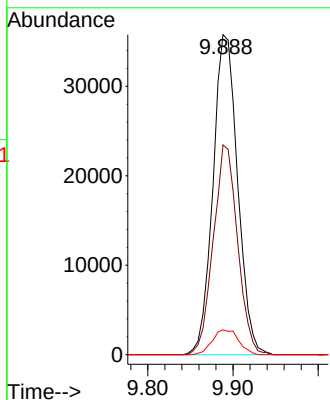
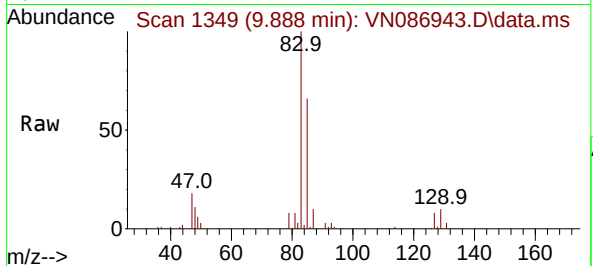
#47
Bromodichloromethane
Concen: 21.829 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. -0.006 min
Lab File: VN086943.D
Acq: 11 Jun 2025 12:50

Instrument :
MSVOA_N
ClientSampleId :
VN0611WBS01

Tgt Ion: 83 Resp: 7204
Ion Ratio Lower Upper
83 100
85 65.5 50.9 76.3
127 7.8 6.6 10.0

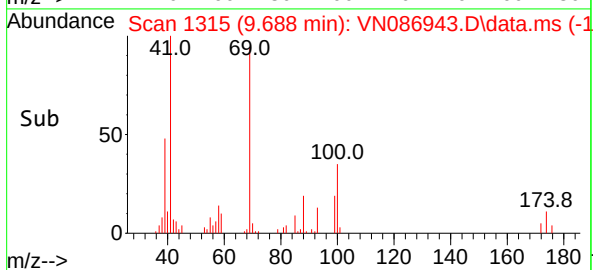
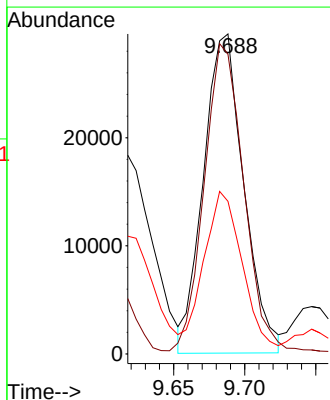
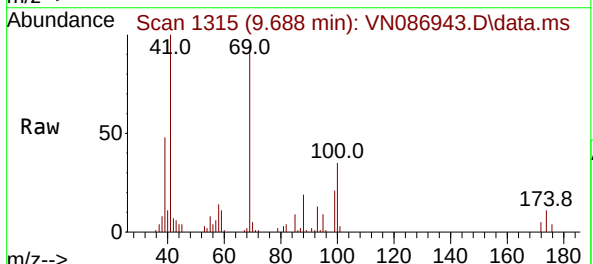
Manual Integrations
APPROVED

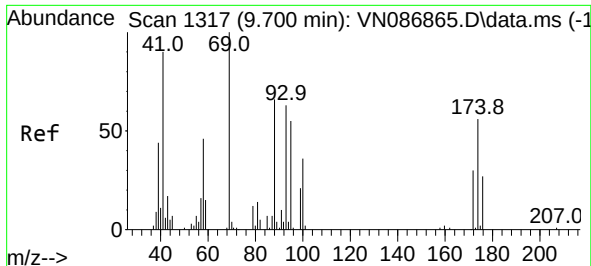
Reviewed By :John Carlone 06/12/2025
Supervised By :Semsettin Yesilyurt 06/12/2025



#48
Methyl methacrylate
Concen: 20.418 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.006 min
Lab File: VN086943.D
Acq: 11 Jun 2025 12:50

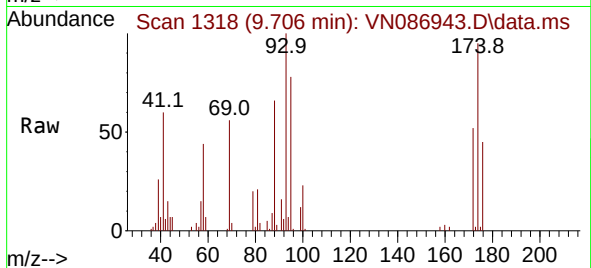
Tgt Ion: 41 Resp: 58285
Ion Ratio Lower Upper
41 100
69 96.8 74.6 112.0
39 49.8 40.2 60.4





#49
1,4-Dioxane
Concen: 463.039 ug/l
RT: 9.706 min Scan# 1317
Delta R.T. 0.006 min
Lab File: VN086943.D
Acq: 11 Jun 2025 12:50

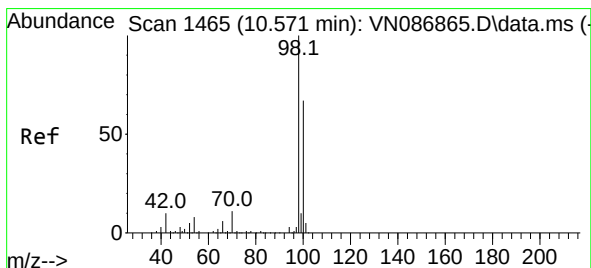
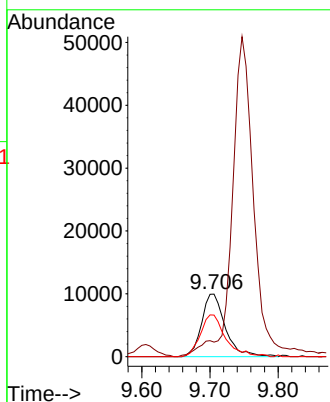
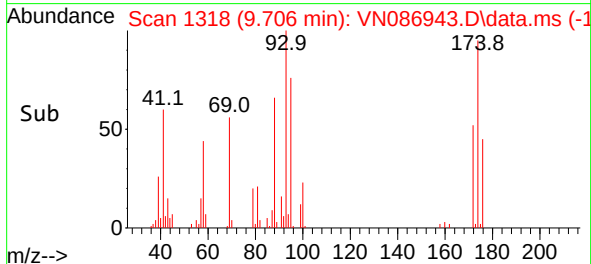
Instrument :
MSVOA_N
ClientSampleId :
VN0611WBS01



Tgt Ion: 88 Resp: 24040
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 71.0 57.7 86.5

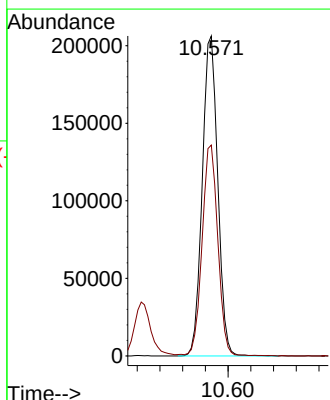
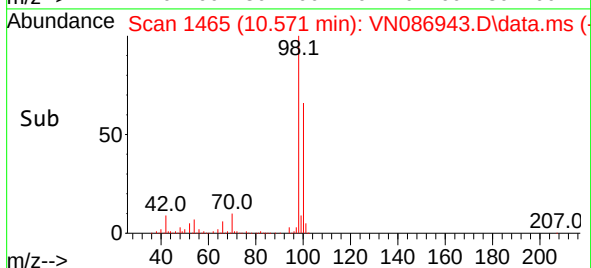
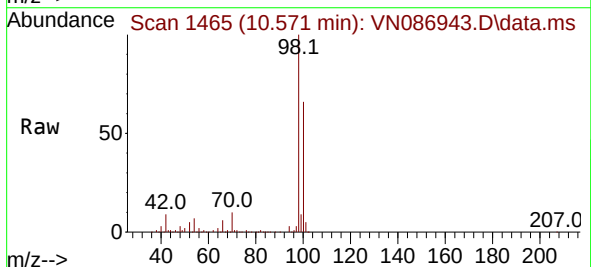
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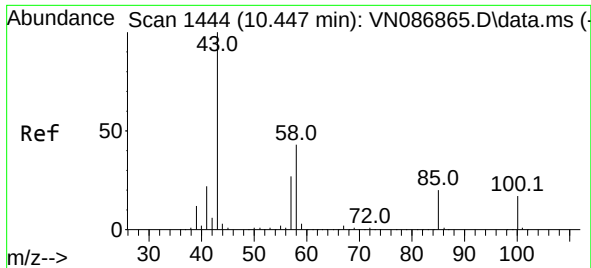
Reviewed By :John Carlone 06/12/2025
Supervised By :Semsettin Yesilyurt 06/12/2025



#50
Toluene-d8
Concen: 48.203 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN086943.D
Acq: 11 Jun 2025 12:50

Tgt Ion: 98 Resp: 388724
Ion Ratio Lower Upper
98 100
100 66.6 53.4 80.0





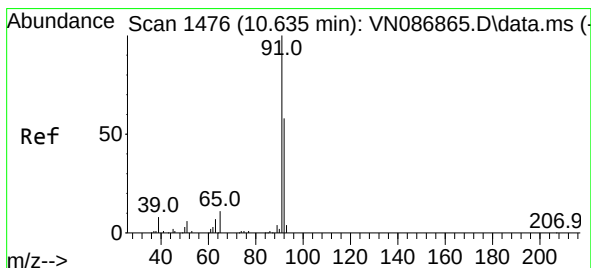
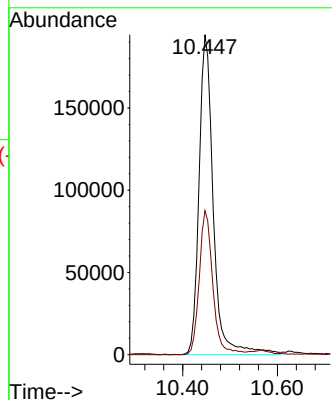
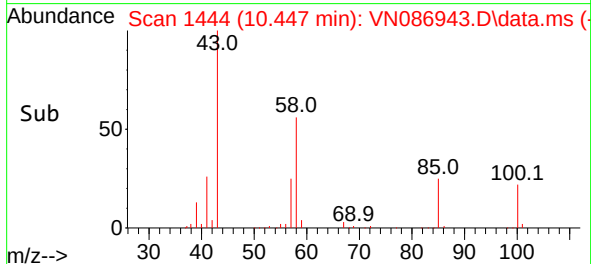
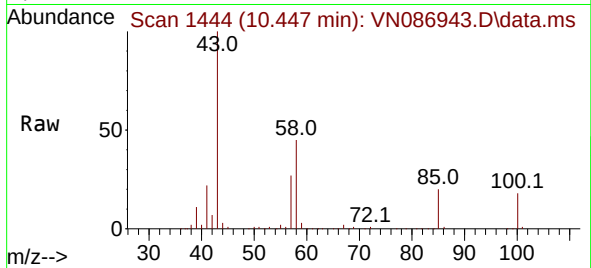
#51
4-Methyl-2-Pentanone
Concen: 108.699 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN086943.D
Acq: 11 Jun 2025 12:50

Instrument :
MSVOA_N
ClientSampleId :
VN0611WBS01

Tgt Ion: 43 Resp: 405840
Ion Ratio Lower Upper
43 100
58 42.7 34.2 51.4

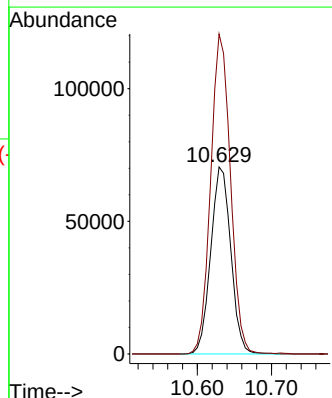
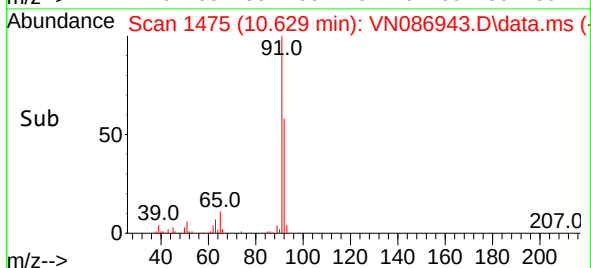
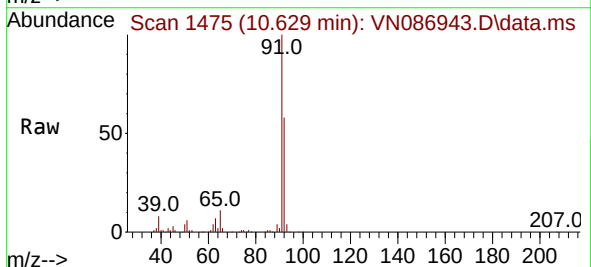
Manual Integrations
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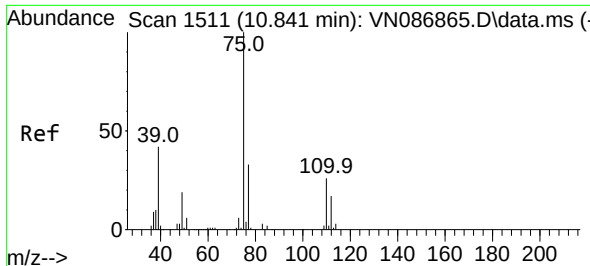
Reviewed By :John Carlone 06/12/2025
Supervised By :Semsettin Yesilyurt 06/12/2025



#52
Toluene
Concen: 21.833 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VN086943.D
Acq: 11 Jun 2025 12:50

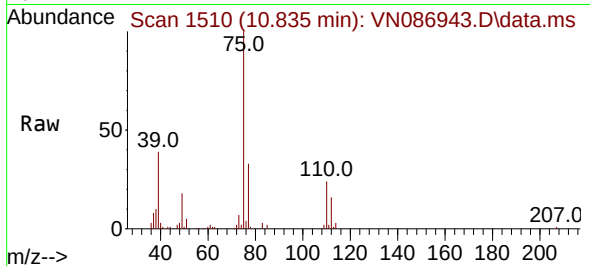
Tgt Ion: 92 Resp: 132442
Ion Ratio Lower Upper
92 100
91 169.0 136.5 204.7





#53
t-1,3-Dichloropropene
Concen: 21.985 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. -0.006 min
Lab File: VN086943.D
Acq: 11 Jun 2025 12:50

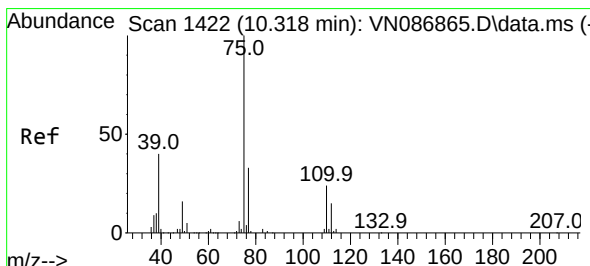
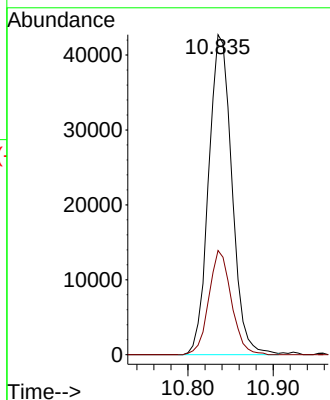
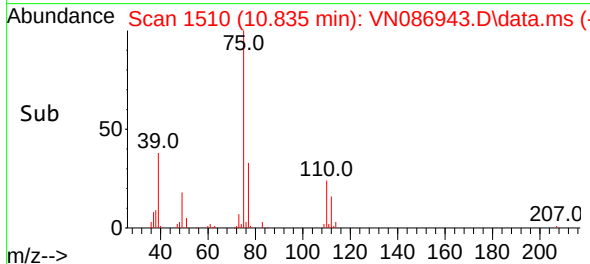
Instrument :
MSVOA_N
ClientSampleId :
VN0611WBS01



Tgt Ion: 75 Resp: 81129
Ion Ratio Lower Upper
75 100
77 32.5 26.4 39.6

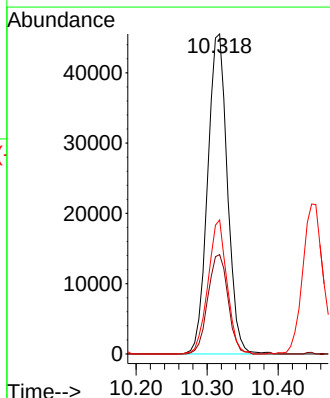
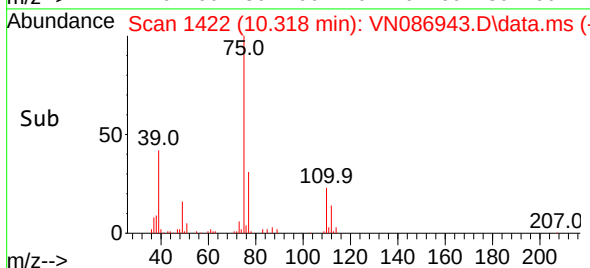
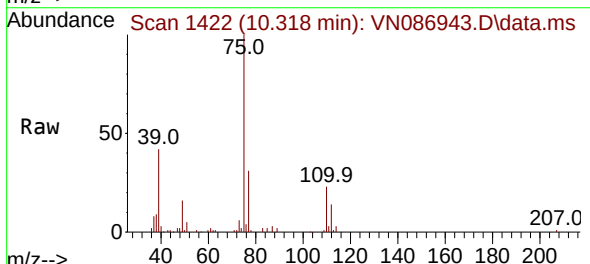
Manual Integrations
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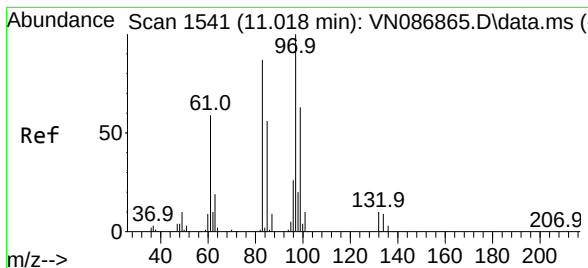
Reviewed By :John Carlone 06/12/2025
Supervised By :Semsettin Yesilyurt 06/12/2025



#54
cis-1,3-Dichloropropene
Concen: 22.272 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. -0.000 min
Lab File: VN086943.D
Acq: 11 Jun 2025 12:50

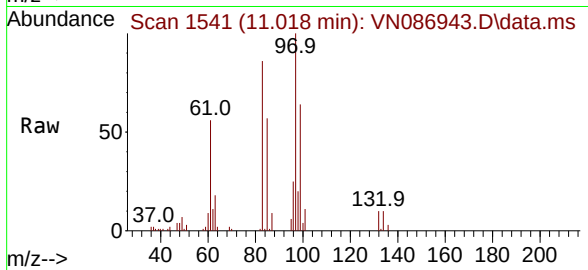
Tgt Ion: 75 Resp: 87941
Ion Ratio Lower Upper
75 100
77 31.1 26.2 39.4
39 41.9 32.3 48.5





#55
1,1,2-Trichloroethane
Concen: 22.519 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. -0.000 min
Lab File: VN086943.D
Acq: 11 Jun 2025 12:50

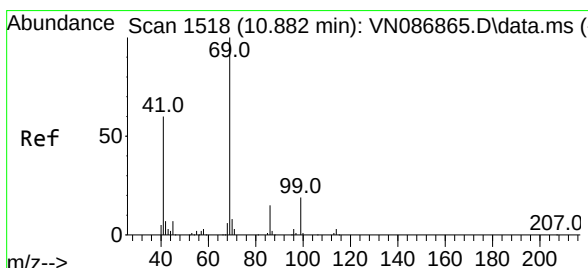
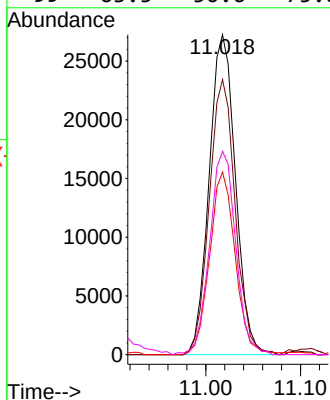
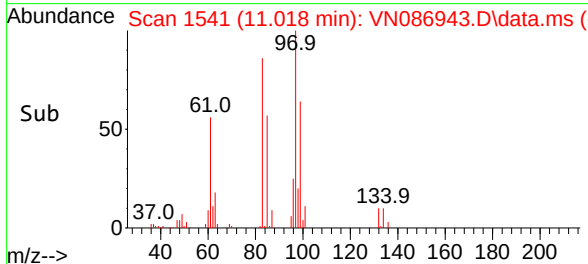
Instrument :
MSVOA_N
ClientSampleId :
VN0611WBS01



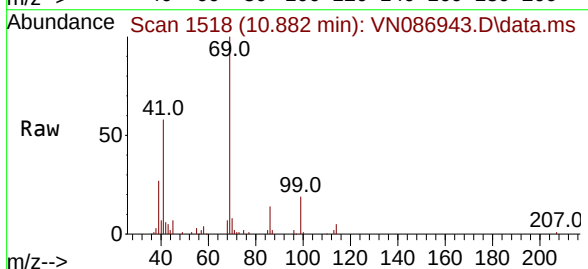
Tgt Ion: 97 Resp: 52562
Ion Ratio Lower Upper
97 100
83 86.0 69.7 104.5
85 57.1 45.1 67.7
99 63.5 50.6 75.8

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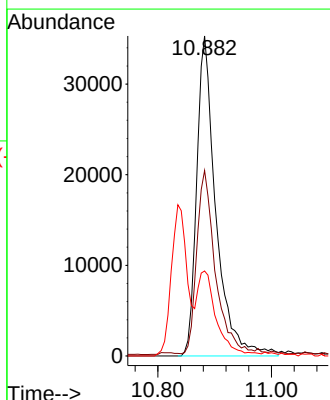
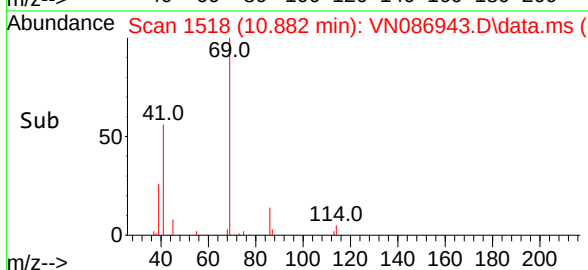
Reviewed By :John Carlone 06/12/2025
Supervised By :Semsettin Yesilyurt 06/12/2025

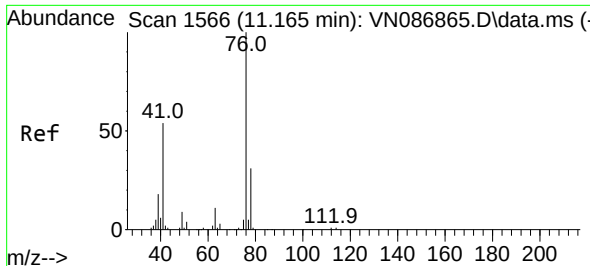


#56
Ethyl methacrylate
Concen: 22.355 ug/l
RT: 10.882 min Scan# 1518
Delta R.T. -0.000 min
Lab File: VN086943.D
Acq: 11 Jun 2025 12:50



Tgt Ion: 69 Resp: 83111
Ion Ratio Lower Upper
69 100
41 55.7 47.2 70.8
39 24.4 23.0 34.6





#57

1,3-Dichloropropane

Concen: 22.115 ug/l

RT: 11.165 min Scan# 1566

Delta R.T. -0.000 min

Lab File: VN086943.D

Acq: 11 Jun 2025 12:50

Instrument :

MSVOA_N

ClientSampleId :

VN0611WBS01

Tgt Ion: 76 Resp: 8954

Ion Ratio Lower Upper

76 100

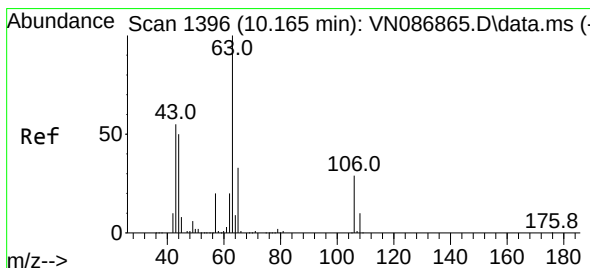
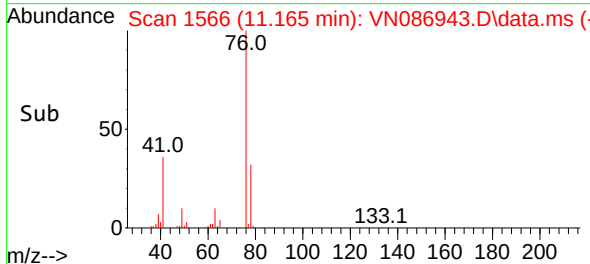
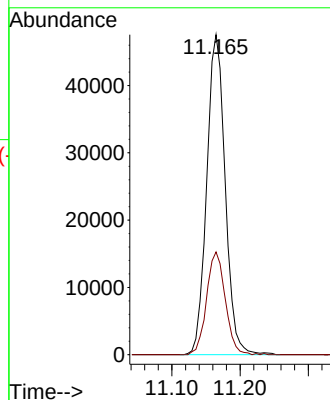
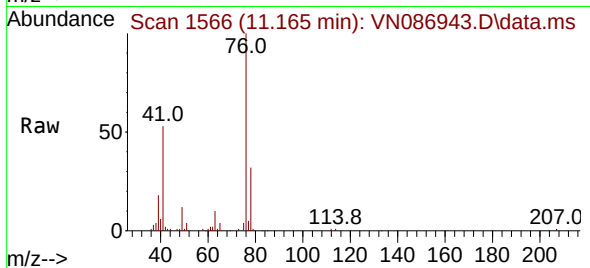
78 32.6 25.3 37.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/12/2025

Supervised By :Semsettin Yesilyurt 06/12/2025



#58

2-Chloroethyl Vinyl ether

Concen: 111.094 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. -0.006 min

Lab File: VN086943.D

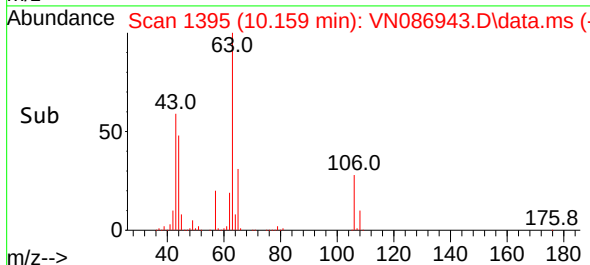
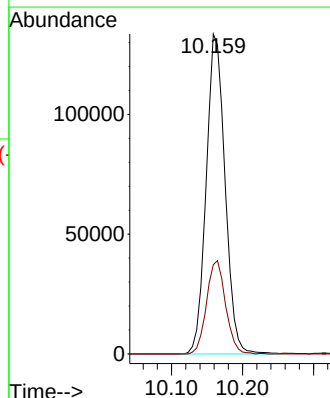
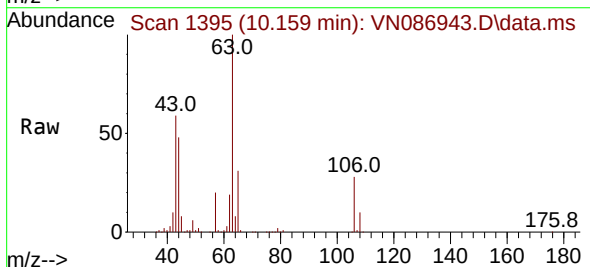
Acq: 11 Jun 2025 12:50

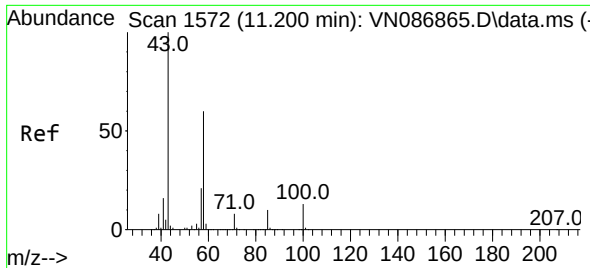
Tgt Ion: 63 Resp: 246343

Ion Ratio Lower Upper

63 100

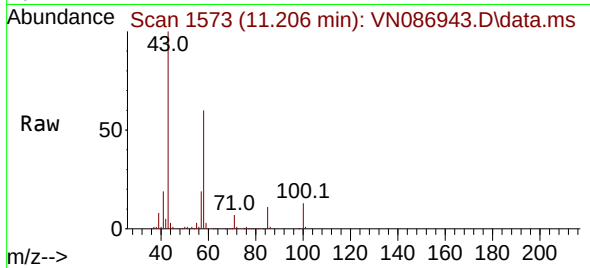
106 29.4 23.0 34.6





#59
2-Hexanone
Concen: 99.791 ug/l
RT: 11.206 min Scan# 1572
Delta R.T. 0.006 min
Lab File: VN086943.D
Acq: 11 Jun 2025 12:50

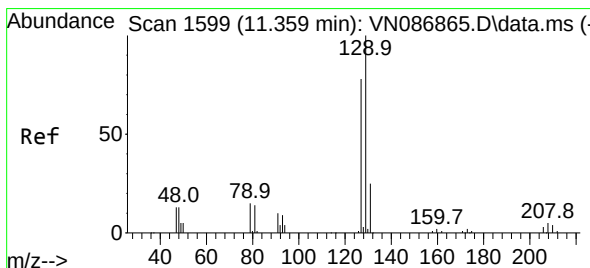
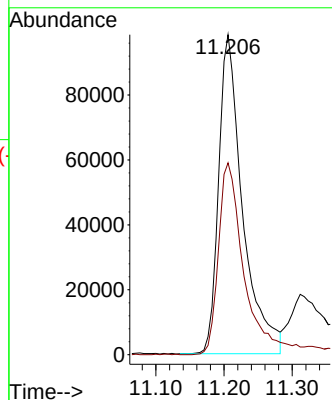
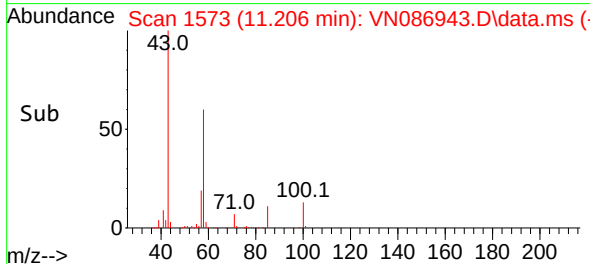
Instrument :
MSVOA_N
ClientSampleId :
VN0611WBS01



Tgt Ion: 43 Resp: 239990
Ion Ratio Lower Upper
43 100
58 64.8 30.4 91.3

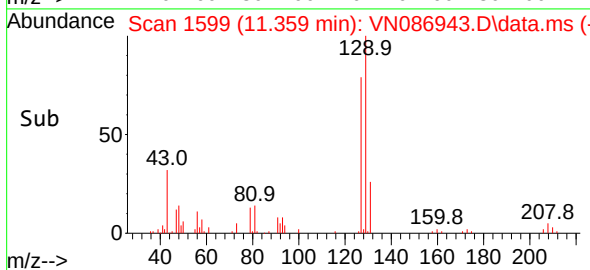
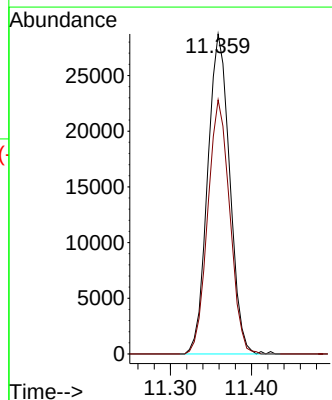
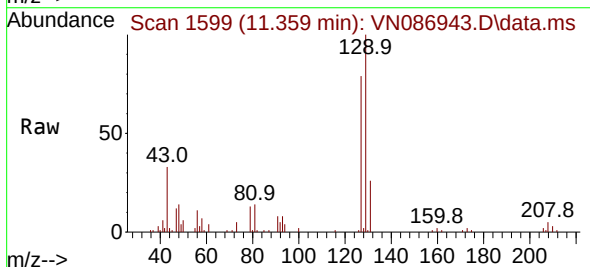
Manual Integrations
APPROVED

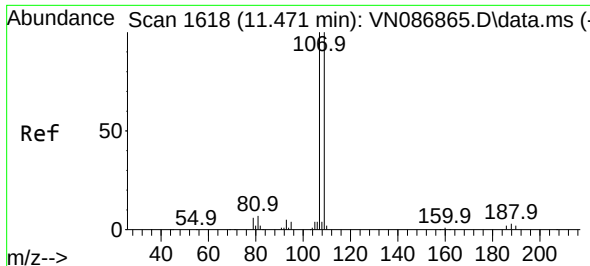
Reviewed By :John Carlone 06/12/2025
Supervised By :Semsettin Yesilyurt 06/12/2025



#60
Dibromochloromethane
Concen: 22.283 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN086943.D
Acq: 11 Jun 2025 12:50

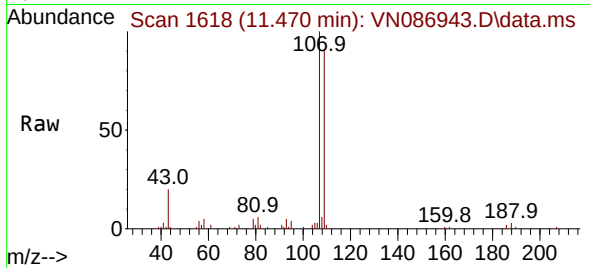
Tgt Ion:129 Resp: 54191
Ion Ratio Lower Upper
129 100
127 79.1 38.6 115.8





#61
1,2-Dibromoethane
Concen: 22.070 ug/l
RT: 11.470 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VN086943.D
Acq: 11 Jun 2025 12:50

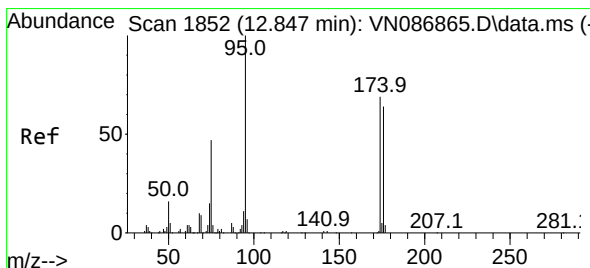
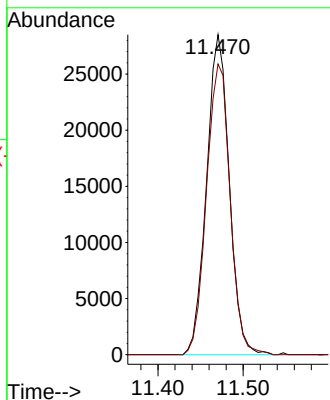
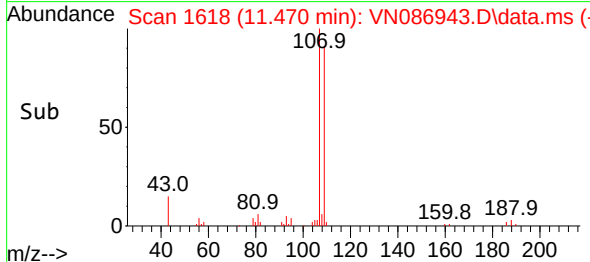
Instrument :
MSVOA_N
ClientSampleId :
VN0611WBS01



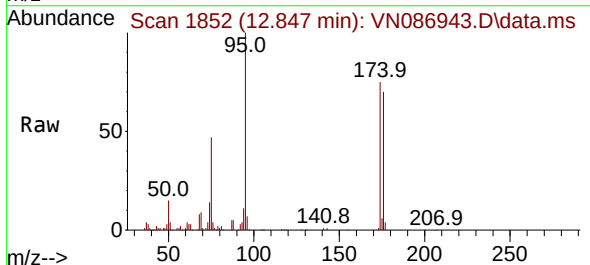
Tgt Ion:107 Resp: 5280
Ion Ratio Lower Upper
107 100
109 94.5 76.3 114.5

Manual Integrations
APPROVED

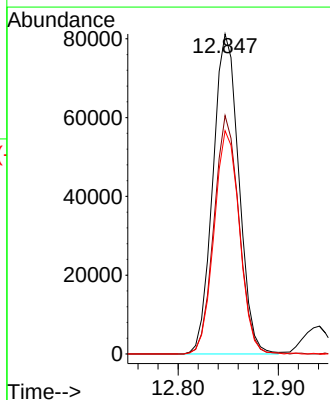
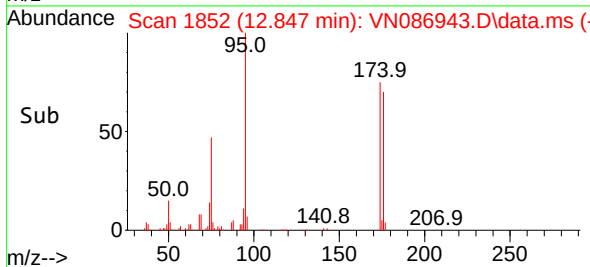
Reviewed By :John Carlone 06/12/2025
Supervised By :Semsettin Yesilyurt 06/12/2025

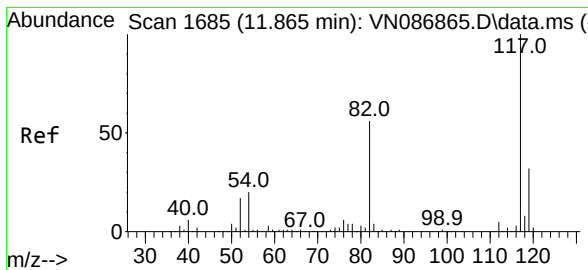


#62
4-Bromofluorobenzene
Concen: 48.691 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086943.D
Acq: 11 Jun 2025 12:50



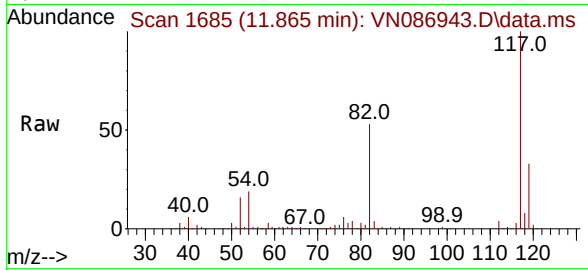
Tgt Ion: 95 Resp: 145885
Ion Ratio Lower Upper
95 100
174 72.1 0.0 141.8
176 68.4 0.0 132.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN086943.D
Acq: 11 Jun 2025 12:50

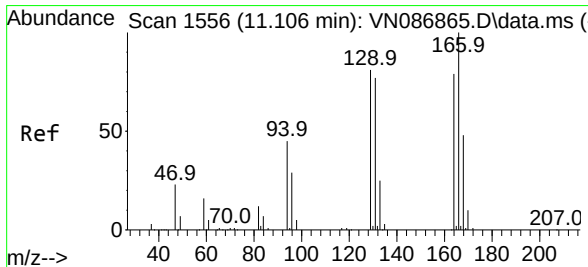
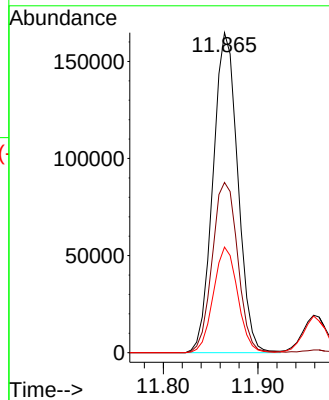
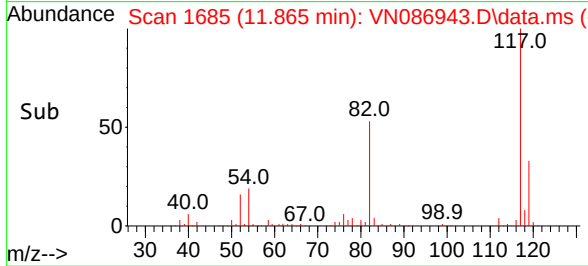
Instrument :
MSVOA_N
ClientSampleId :
VN0611WBS01



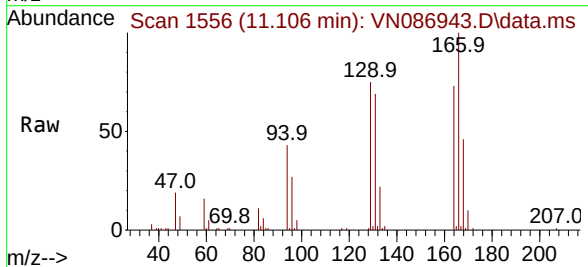
Tgt Ion:117 Resp: 299668
Ion Ratio Lower Upper
117 100
82 53.2 44.6 67.0
119 33.0 25.5 38.3

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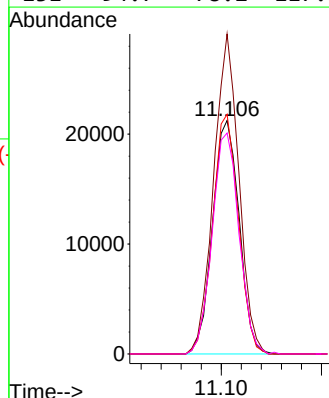
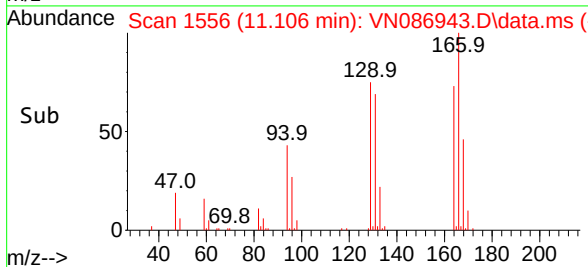
Reviewed By :John Carlone 06/12/2025
Supervised By :Semsettin Yesilyurt 06/12/2025

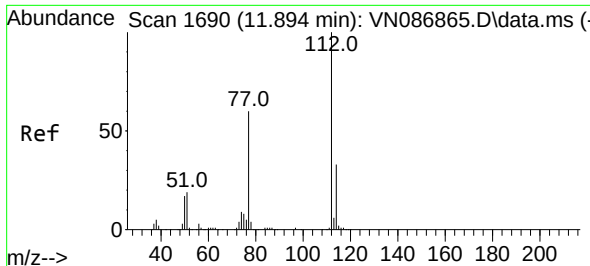


#64
Tetrachloroethene
Concen: 20.683 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VN086943.D
Acq: 11 Jun 2025 12:50



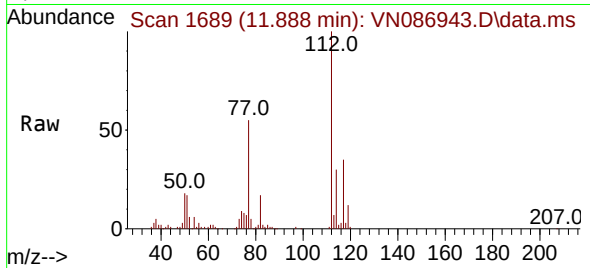
Tgt Ion:164 Resp: 39226
Ion Ratio Lower Upper
164 100
166 137.0 101.8 152.8
129 102.6 83.0 124.4
131 94.7 78.2 117.2





#65
Chlorobenzene
Concen: 22.011 ug/l
RT: 11.888 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN086943.D
Acq: 11 Jun 2025 12:50

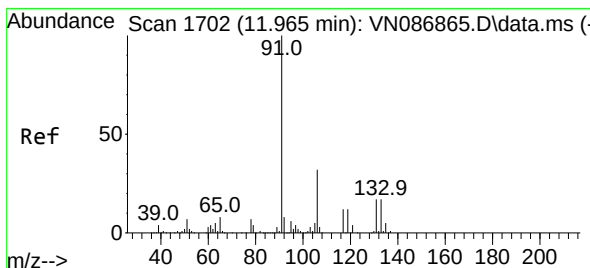
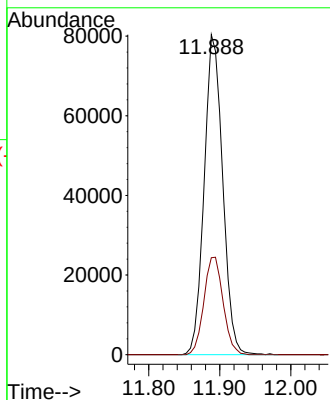
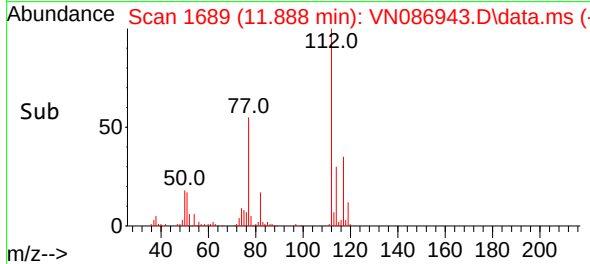
Instrument :
MSVOA_N
ClientSampleId :
VN0611WBS01



Tgt Ion:112 Resp: 14547
Ion Ratio Lower Upper
112 100
114 30.3 26.2 39.2

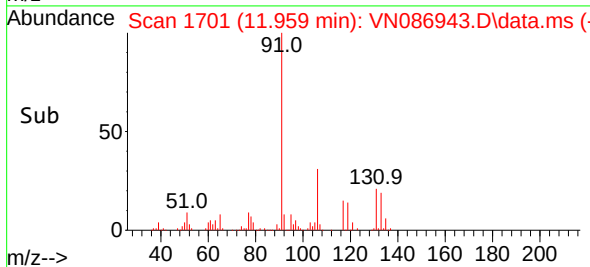
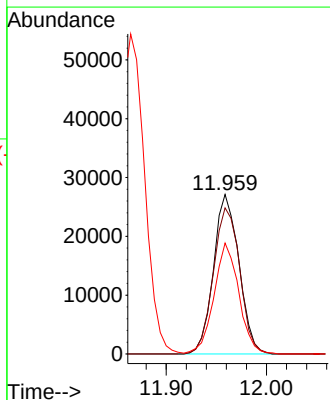
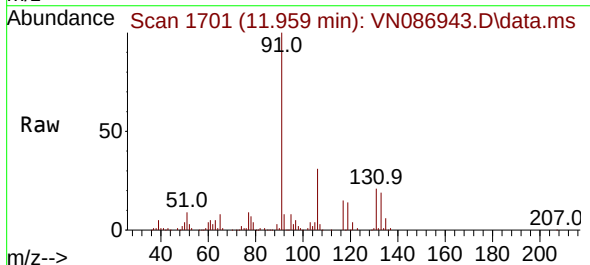
Manual Integrations
APPROVED

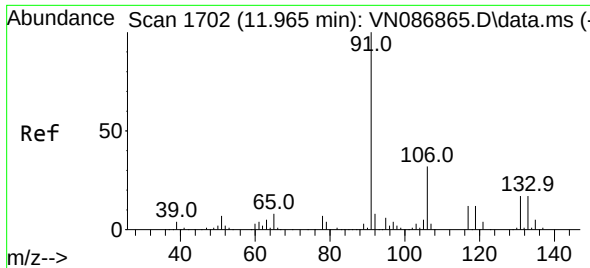
Reviewed By :John Carlone 06/12/2025
Supervised By :Semsettin Yesilyurt 06/12/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 22.474 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.006 min
Lab File: VN086943.D
Acq: 11 Jun 2025 12:50

Tgt Ion:131 Resp: 47747
Ion Ratio Lower Upper
131 100
133 95.3 48.3 144.8
119 68.0 34.0 101.8





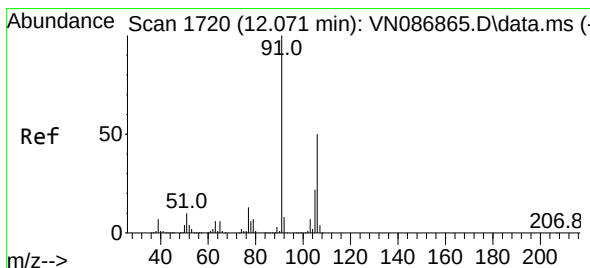
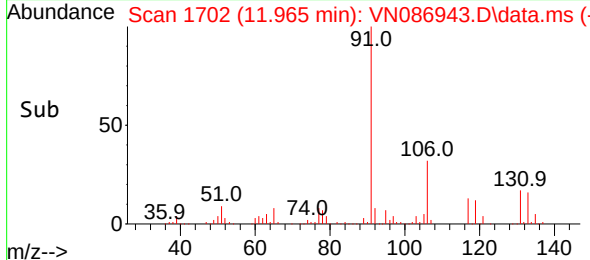
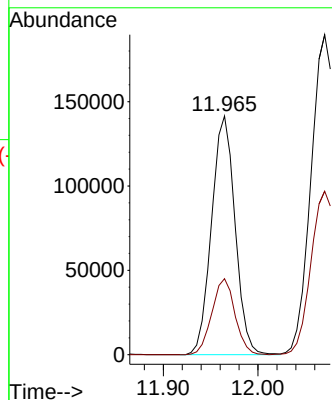
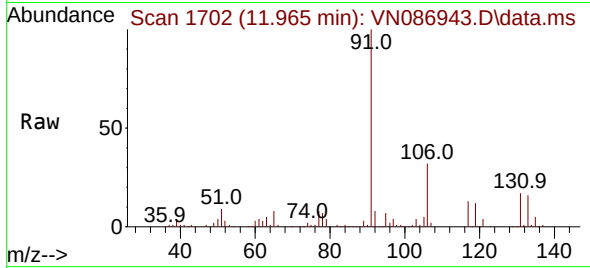
#67
Ethyl Benzene
Concen: 21.420 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN086943.D
Acq: 11 Jun 2025 12:50

Instrument :
MSVOA_N
ClientSampleId :
VN0611WBS01

Tgt Ion: 91 Resp: 24385
Ion Ratio Lower Upper
91 100
106 31.8 25.4 38.2

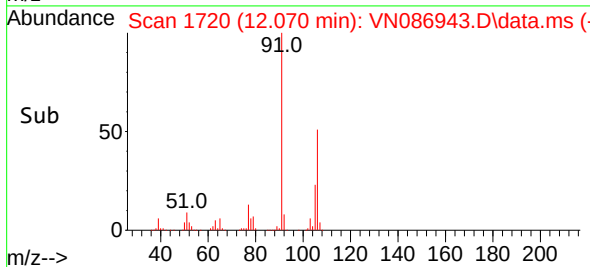
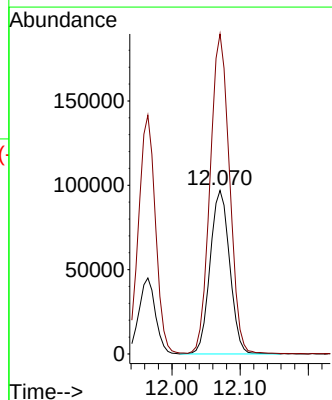
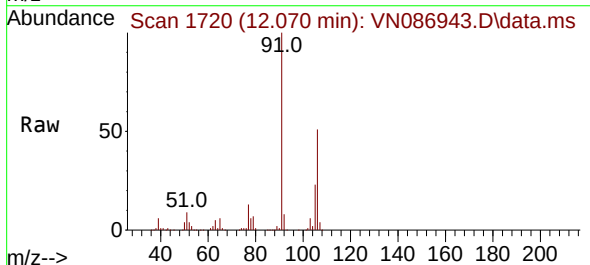
Manual Integrations
APPROVED

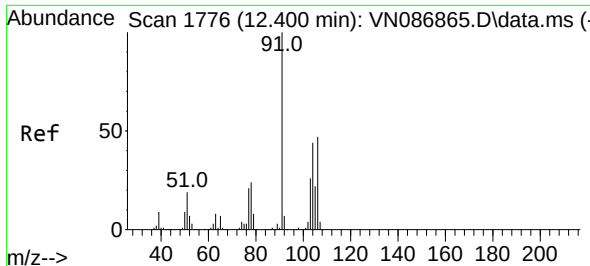
Reviewed By :John Carlone 06/12/2025
Supervised By :Semsettin Yesilyurt 06/12/2025



#68
m/p-Xylenes
Concen: 44.477 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN086943.D
Acq: 11 Jun 2025 12:50

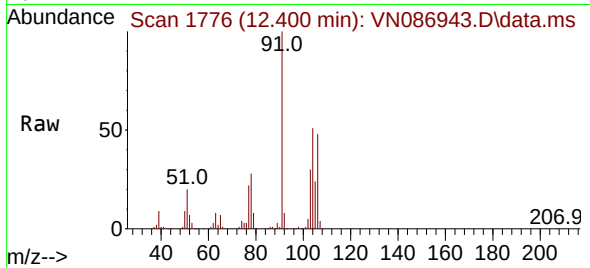
Tgt Ion:106 Resp: 193828
Ion Ratio Lower Upper
106 100
91 194.7 159.4 239.0





#69
o-Xylene
Concen: 21.905 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN086943.D
Acq: 11 Jun 2025 12:50

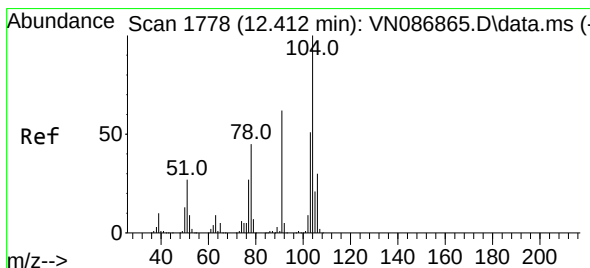
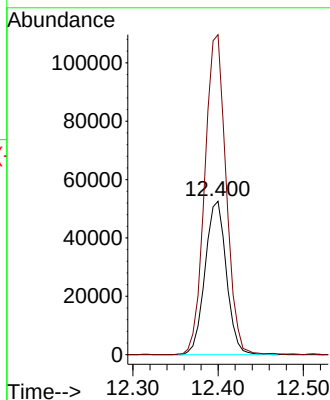
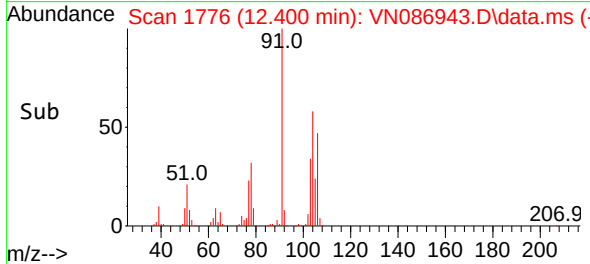
Instrument :
MSVOA_N
ClientSampleId :
VN0611WBS01



Tgt Ion:106 Resp: 91428
Ion Ratio Lower Upper
106 100
91 209.4 106.1 318.1

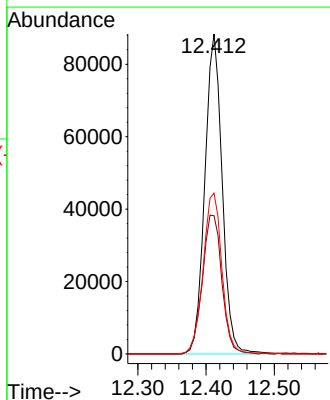
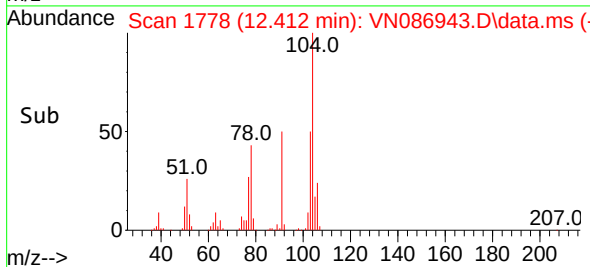
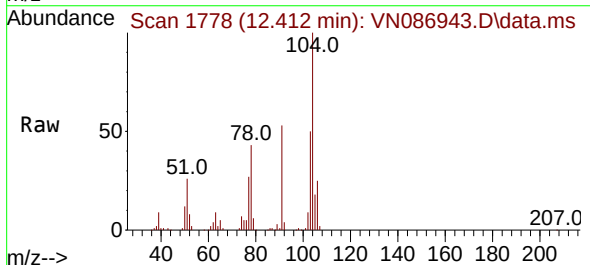
Manual Integrations
APPROVED

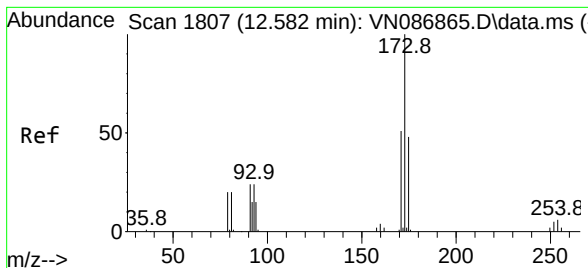
Reviewed By :John Carlone 06/12/2025
Supervised By :Semsettin Yesilyurt 06/12/2025



#70
Styrene
Concen: 21.935 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN086943.D
Acq: 11 Jun 2025 12:50

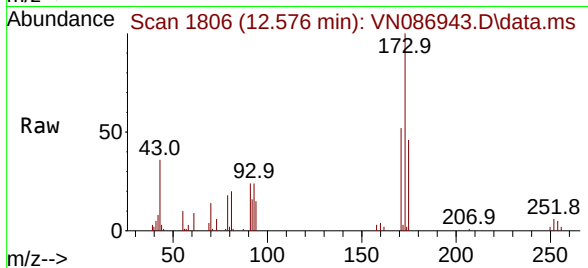
Tgt Ion:104 Resp: 156664
Ion Ratio Lower Upper
104 100
78 48.6 38.5 57.7
103 54.5 43.1 64.7





#71
Bromoform
Concen: 23.739 ug/l
RT: 12.576 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN086943.D
Acq: 11 Jun 2025 12:50

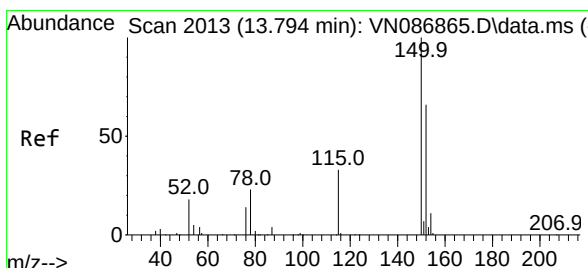
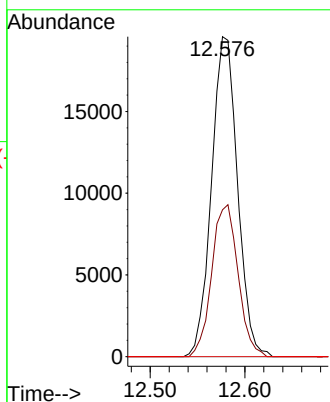
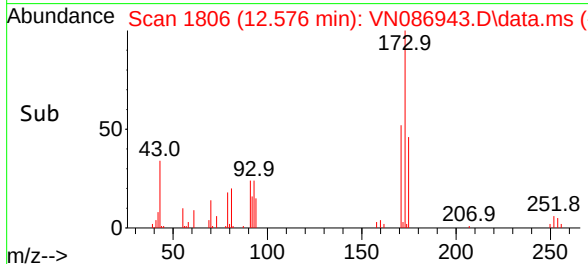
Instrument :
MSVOA_N
ClientSampleId :
VN0611WBS01



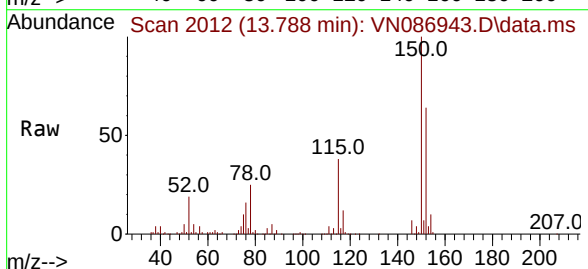
Tgt Ion:173 Resp: 37369
Ion Ratio Lower Upper
173 100
175 48.1 24.1 72.4
254 0.0 0.0 0.0

Manual Integrations
APPROVED

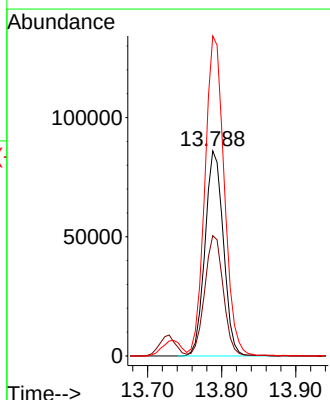
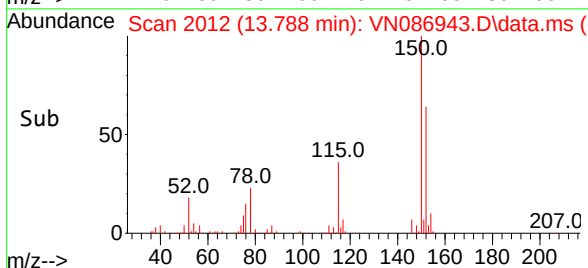
Reviewed By :John Carlone 06/12/2025
Supervised By :Semsettin Yesilyurt 06/12/2025

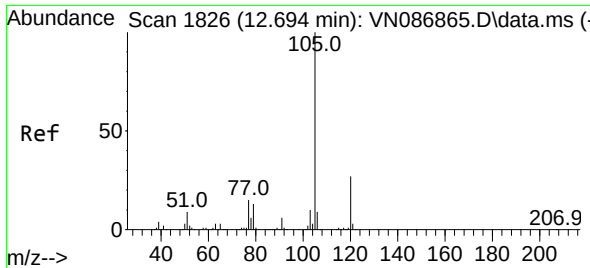


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.006 min
Lab File: VN086943.D
Acq: 11 Jun 2025 12:50



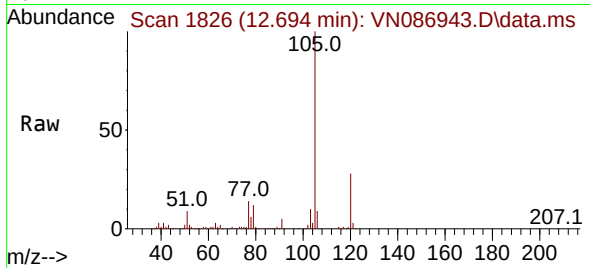
Tgt Ion:152 Resp: 148006
Ion Ratio Lower Upper
152 100
115 59.5 30.1 90.5
150 163.4 0.0 345.0





#73
Isopropylbenzene
Concen: 21.022 ug/l
RT: 12.694 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086943.D
Acq: 11 Jun 2025 12:50

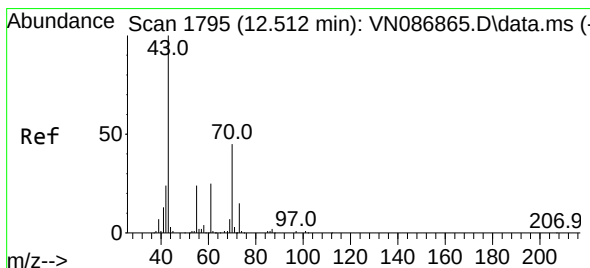
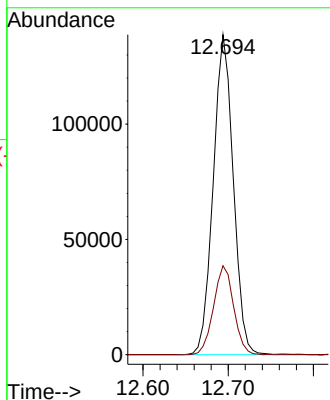
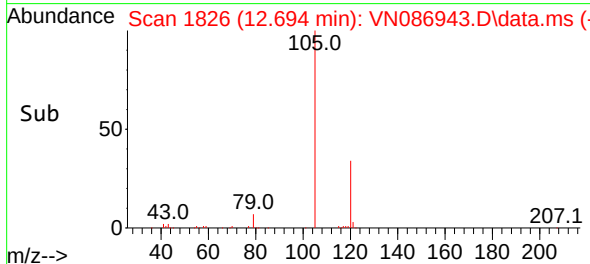
Instrument :
MSVOA_N
ClientSampleId :
VN0611WBS01



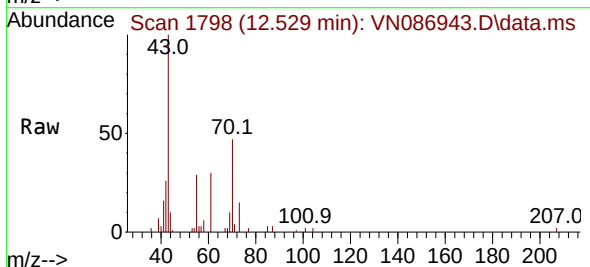
Tgt Ion:105 Resp: 226662
Ion Ratio Lower Upper
105 100
120 27.8 13.5 40.4

Manual Integrations
APPROVED

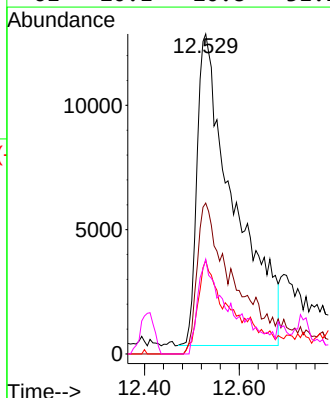
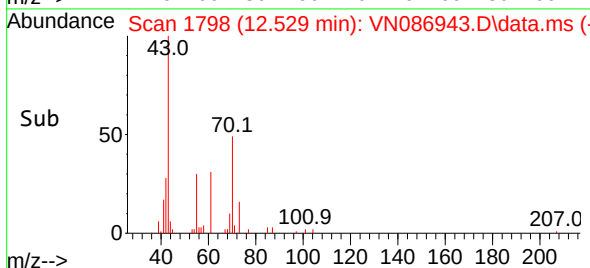
Reviewed By :John Carlone 06/12/2025
Supervised By :Semsettin Yesilyurt 06/12/2025

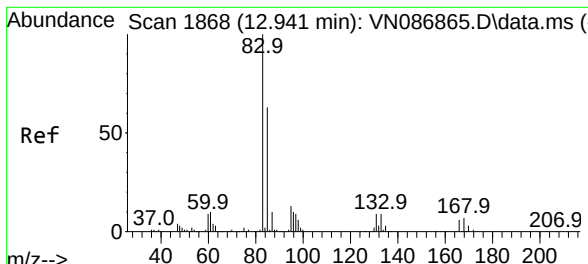


#74
N-ethyl acetate
Concen: 18.009 ug/l
RT: 12.529 min Scan# 1798
Delta R.T. 0.017 min
Lab File: VN086943.D
Acq: 11 Jun 2025 12:50



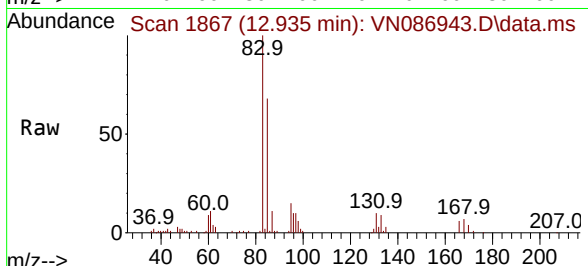
Tgt Ion: 43 Resp: 67853
Ion Ratio Lower Upper
43 100
70 45.7 37.6 56.4
55 15.4 19.0 28.6#
61 20.1 20.8 31.2#





#75
1,1,2,2-Tetrachloroethane
Concen: 22.922 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VN086943.D
Acq: 11 Jun 2025 12:50

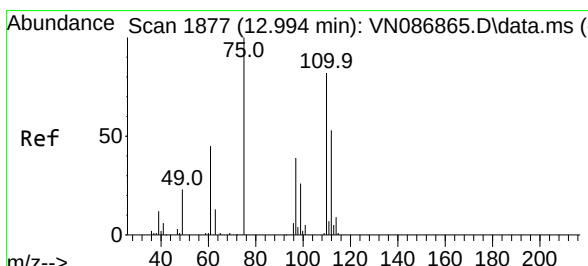
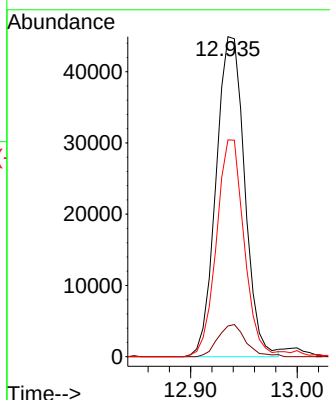
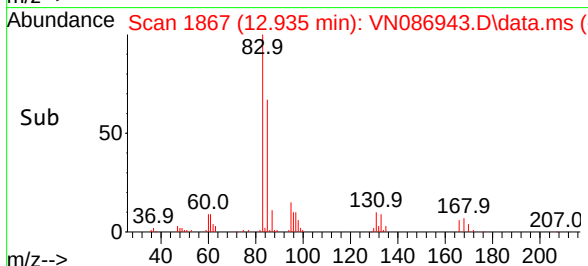
Instrument :
MSVOA_N
ClientSampleId :
VN0611WBS01



Tgt Ion: 83 Resp: 83730
Ion Ratio Lower Upper
83 100
131 9.8 4.9 14.7
85 65.6 32.0 96.0

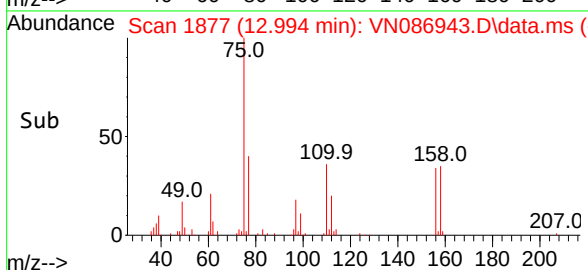
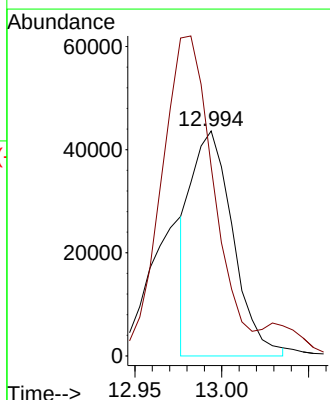
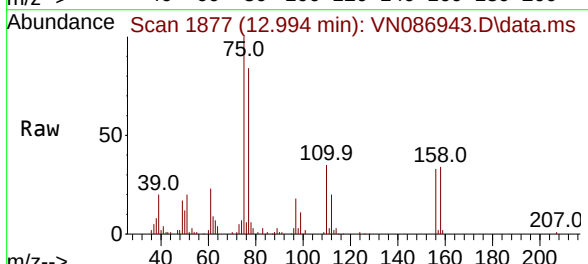
Manual Integrations
APPROVED

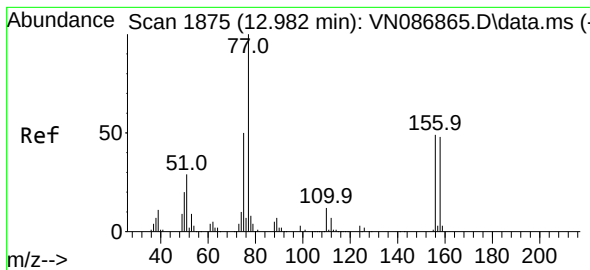
Reviewed By :John Carlone 06/12/2025
Supervised By :Semsettin Yesilyurt 06/12/2025



#76
1,2,3-Trichloropropane
Concen: 20.737 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. -0.000 min
Lab File: VN086943.D
Acq: 11 Jun 2025 12:50

Tgt Ion: 75 Resp: 72955
Ion Ratio Lower Upper
75 100
77 178.2 79.3 237.9





#77

Bromobenzene

Concen: 22.716 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. -0.000 min

Lab File: VN086943.D

Acq: 11 Jun 2025 12:50

Instrument :

MSVOA_N

ClientSampleId :

VN0611WBS01

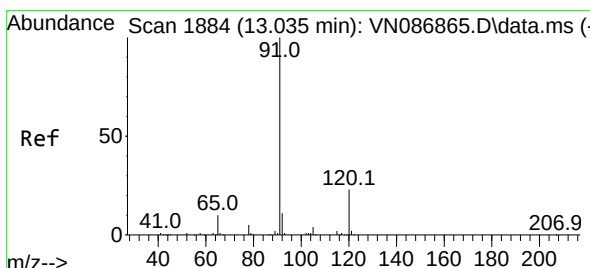
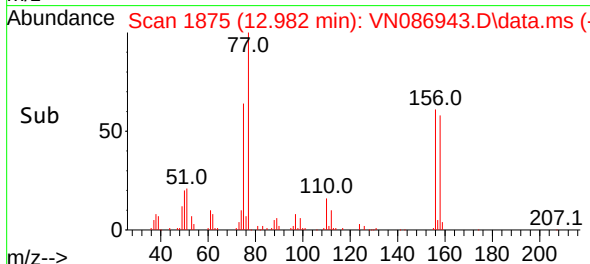
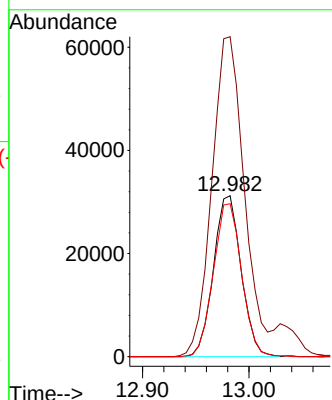
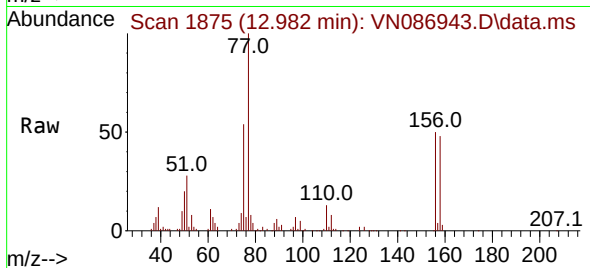
Tgt Ion:	156	Resp:	5617
Ion Ratio	Lower	Upper	
156	100		
77	231.5	117.7	353.1
158	97.3	48.1	144.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/12/2025

Supervised By :Semsettin Yesilyurt 06/12/2025



#78

n-propylbenzene

Concen: 20.875 ug/l

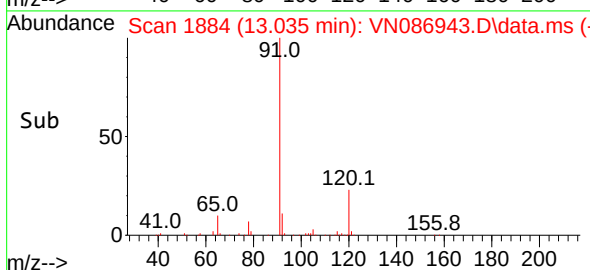
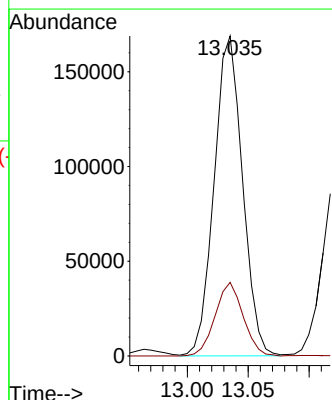
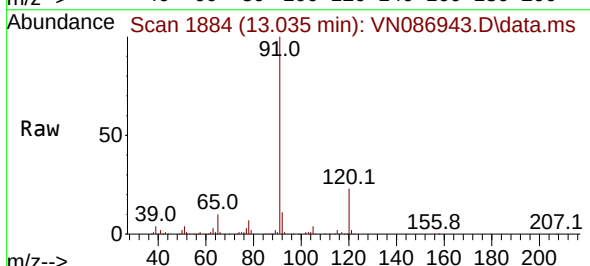
RT: 13.035 min Scan# 1884

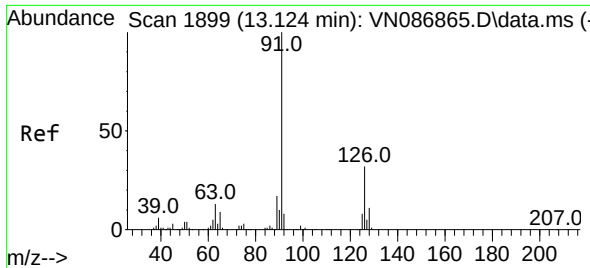
Delta R.T. -0.000 min

Lab File: VN086943.D

Acq: 11 Jun 2025 12:50

Tgt Ion:	91	Resp:	273536
Ion Ratio	Lower	Upper	
91	100		
120	22.7	11.4	34.2





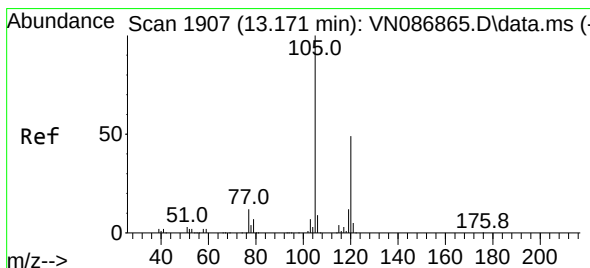
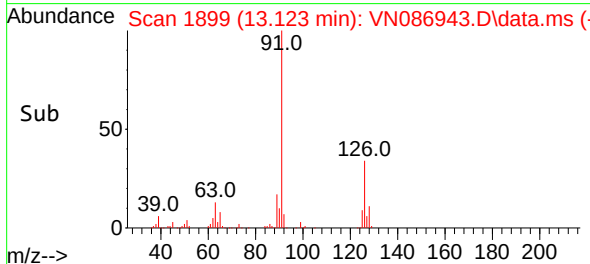
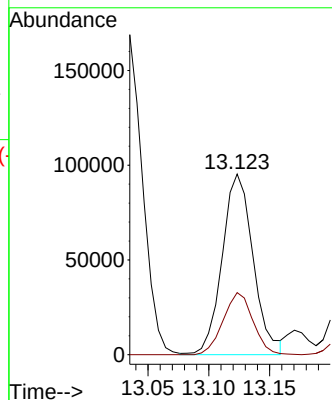
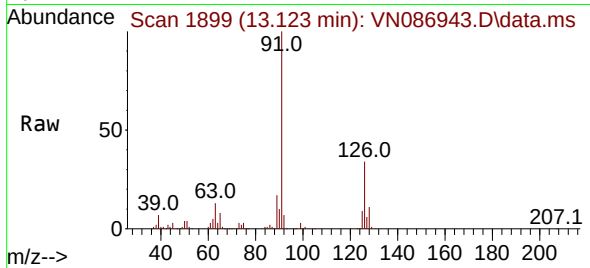
#79
2-Chlorotoluene
Concen: 21.530 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN086943.D
Acq: 11 Jun 2025 12:50

Instrument :
MSVOA_N
ClientSampleId :
VN0611WBS01

Tgt Ion: 91 Resp: 16918
Ion Ratio Lower Upper
91 100
126 33.1 16.2 48.5

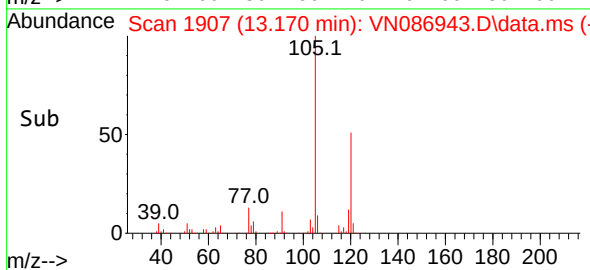
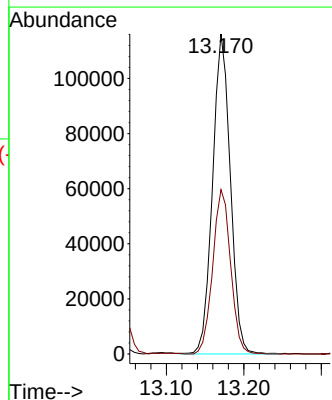
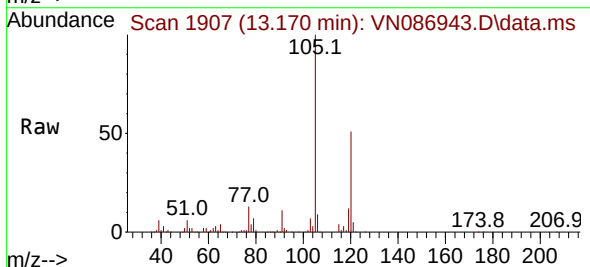
Manual Integrations
APPROVED

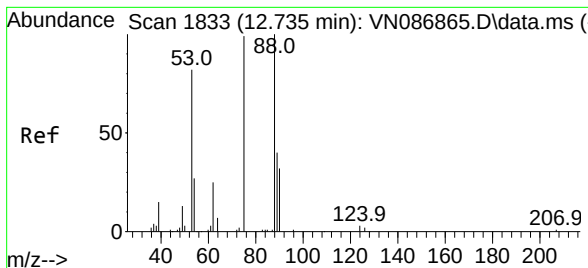
Reviewed By :John Carlone 06/12/2025
Supervised By :Semsettin Yesilyurt 06/12/2025



#80
1,3,5-Trimethylbenzene
Concen: 20.785 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN086943.D
Acq: 11 Jun 2025 12:50

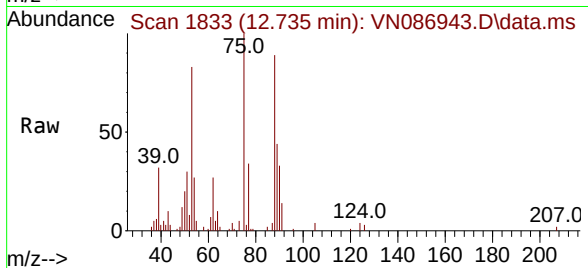
Tgt Ion:105 Resp: 185031
Ion Ratio Lower Upper
105 100
120 51.6 24.9 74.6





#81
trans-1,4-Dichloro-2-butene
Concen: 20.422 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN086943.D
Acq: 11 Jun 2025 12:50

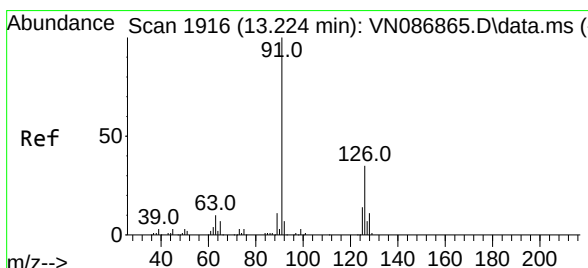
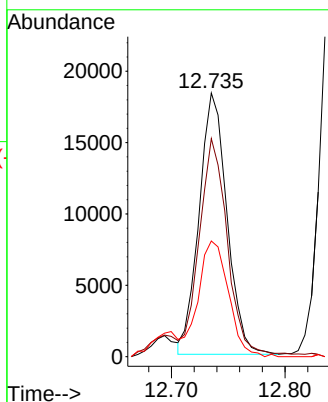
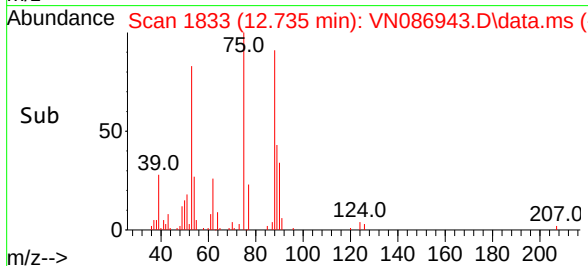
Instrument :
MSVOA_N
ClientSampleId :
VN0611WBS01



Tgt Ion: 75 Resp: 3121
Ion Ratio Lower Upper
75 100
53 83.1 66.6 99.8
89 48.3 36.7 55.1

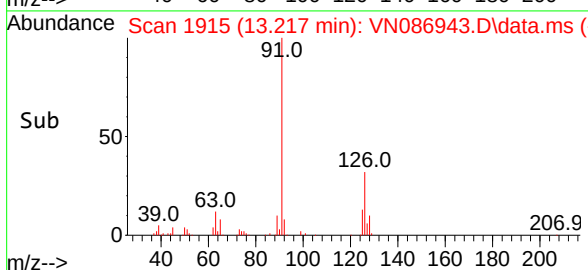
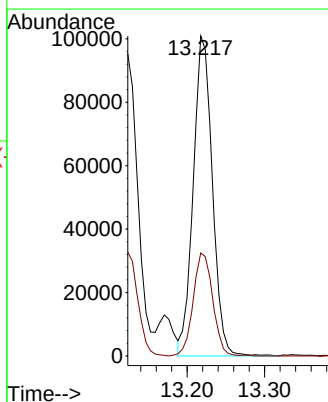
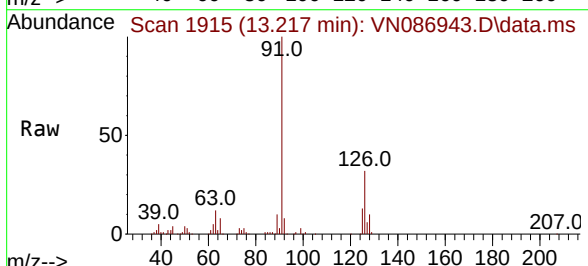
Manual Integrations
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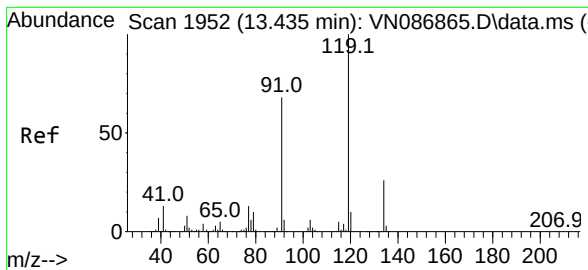
Reviewed By :John Carlone 06/12/2025
Supervised By :Semsettin Yesilyurt 06/12/2025



#82
4-Chlorotoluene
Concen: 21.731 ug/l
RT: 13.217 min Scan# 1915
Delta R.T. -0.006 min
Lab File: VN086943.D
Acq: 11 Jun 2025 12:50

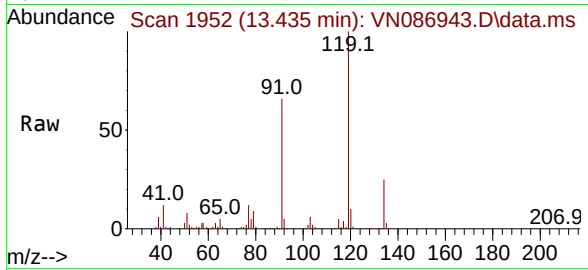
Tgt Ion: 91 Resp: 172791
Ion Ratio Lower Upper
91 100
126 33.0 16.7 50.1





#83
 tert-Butylbenzene
 Concen: 20.744 ug/l
 RT: 13.435 min Scan# 1952
 Delta R.T. -0.000 min
 Lab File: VN086943.D
 Acq: 11 Jun 2025 12:50

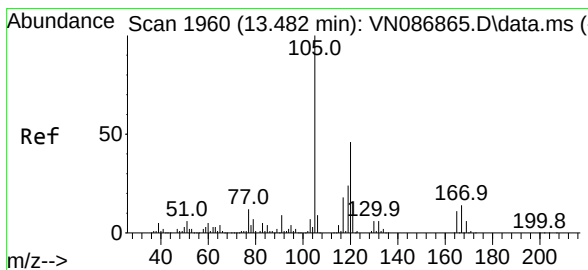
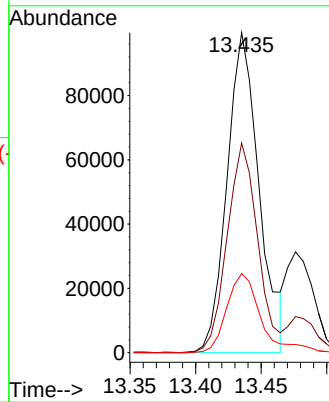
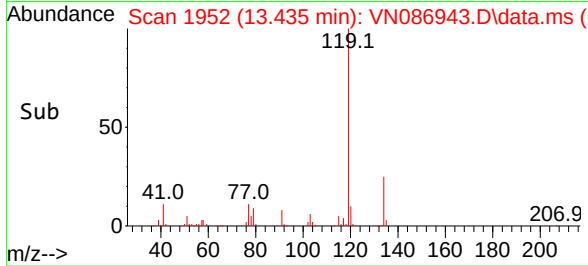
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0611WBS01



Tgt Ion:119 Resp: 169039
 Ion Ratio Lower Upper
 119 100
 91 62.8 32.1 96.5
 134 26.4 13.4 40.1

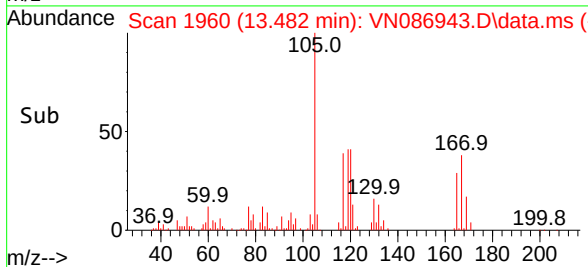
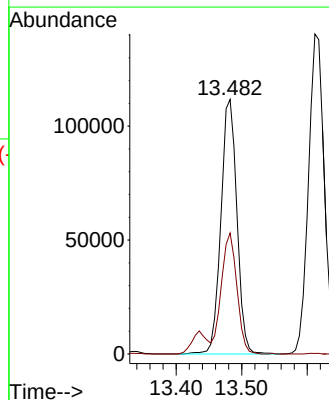
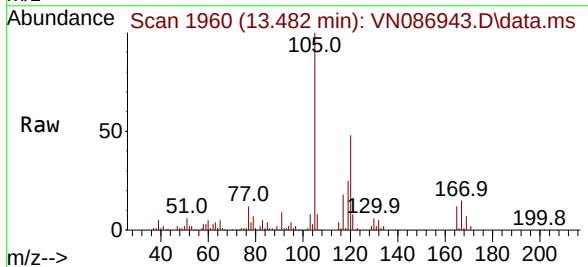
Manual Integrations
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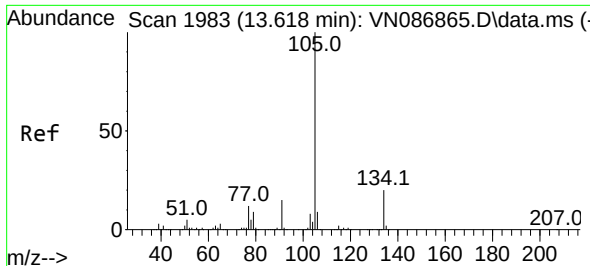
Reviewed By :John Carlone 06/12/2025
 Supervised By :Semsettin Yesilyurt 06/12/2025



#84
 1,2,4-Trimethylbenzene
 Concen: 21.114 ug/l
 RT: 13.482 min Scan# 1960
 Delta R.T. -0.000 min
 Lab File: VN086943.D
 Acq: 11 Jun 2025 12:50

Tgt Ion:105 Resp: 188475
 Ion Ratio Lower Upper
 105 100
 120 46.2 23.2 69.6





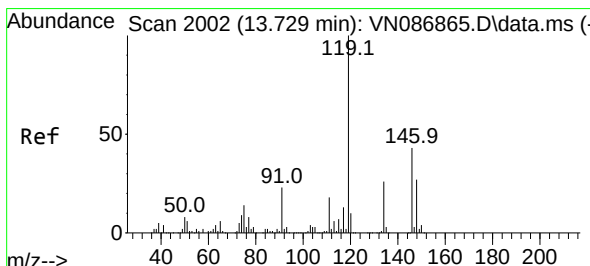
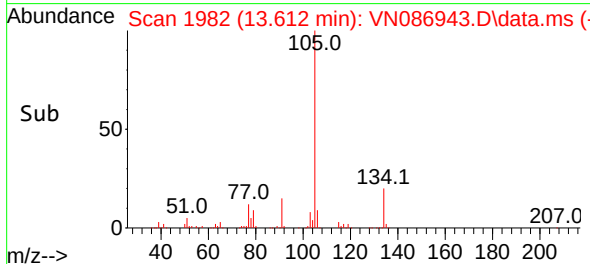
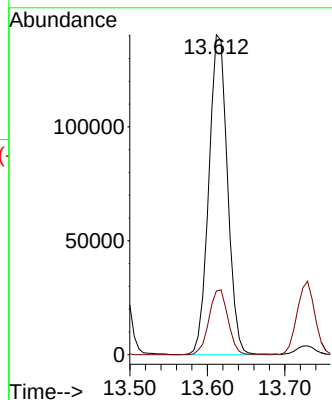
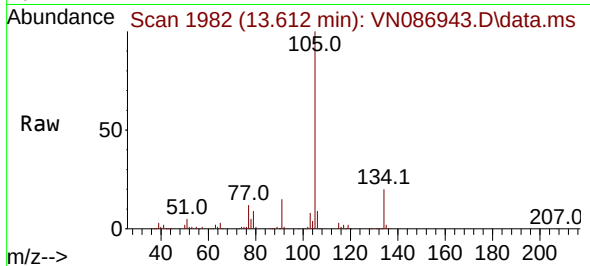
#85
 sec-Butylbenzene
 Concen: 19.845 ug/l
 RT: 13.612 min Scan# 1983
 Delta R.T. -0.006 min
 Lab File: VN086943.D
 Acq: 11 Jun 2025 12:50

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0611WBS01

Tgt Ion:105 Resp: 234839
 Ion Ratio Lower Upper
 105 100
 134 20.7 10.0 30.0

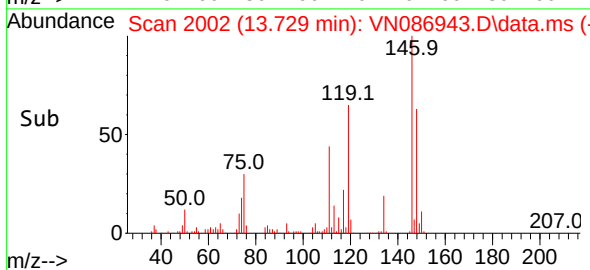
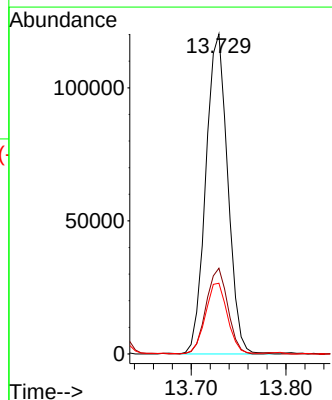
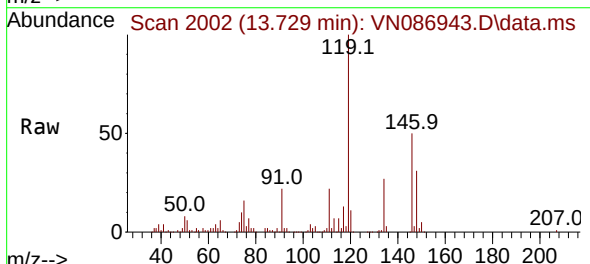
Manual Integrations
 APPROVED

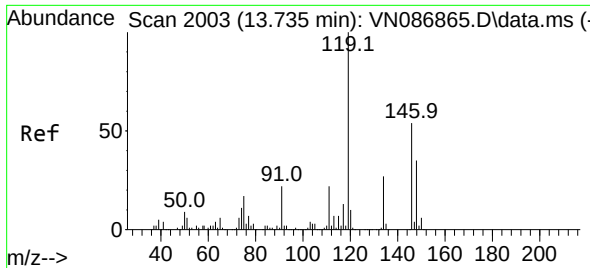
Reviewed By :John Carlone 06/12/2025
 Supervised By :Semsettin Yesilyurt 06/12/2025



#86
 p-Isopropyltoluene
 Concen: 19.788 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.000 min
 Lab File: VN086943.D
 Acq: 11 Jun 2025 12:50

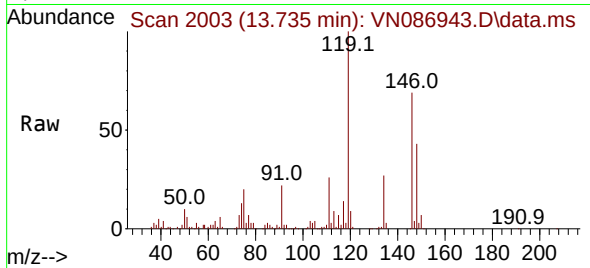
Tgt Ion:119 Resp: 193571
 Ion Ratio Lower Upper
 119 100
 134 26.5 13.5 40.4
 91 22.4 11.5 34.4





#87
1,3-Dichlorobenzene
Concen: 21.995 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. -0.000 min
Lab File: VN086943.D
Acq: 11 Jun 2025 12:50

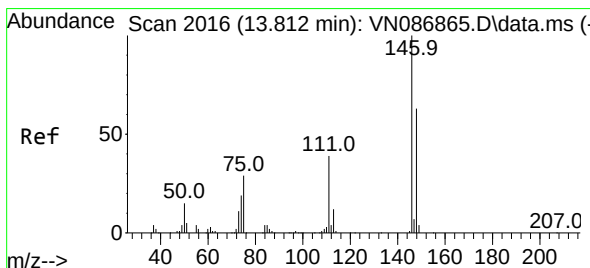
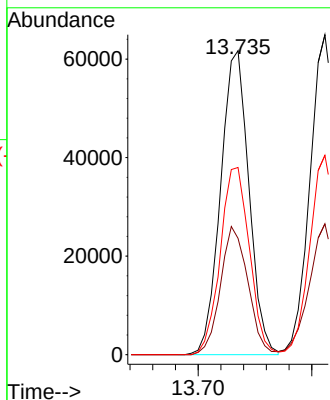
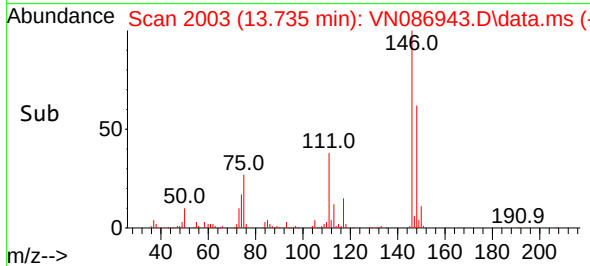
Instrument :
MSVOA_N
ClientSampleId :
VN0611WBS01



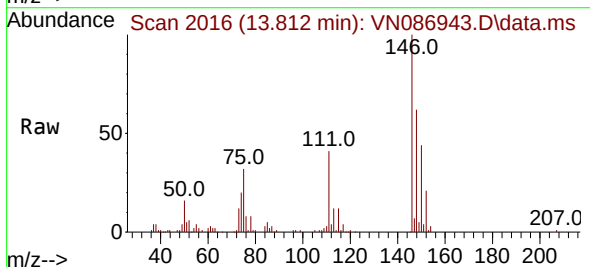
Tgt Ion:146 Resp: 107008
Ion Ratio Lower Upper
146 100
111 40.9 20.9 62.8
148 63.4 32.0 96.2

Manual Integrations
APPROVED

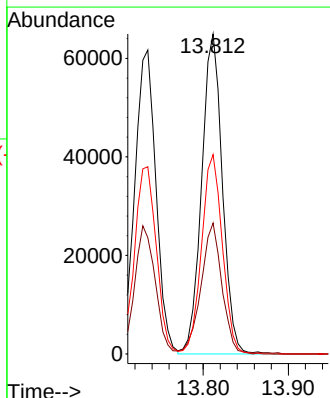
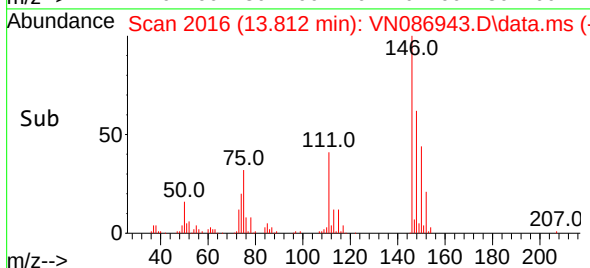
Reviewed By :John Carlone 06/12/2025
Supervised By :Semsettin Yesilyurt 06/12/2025

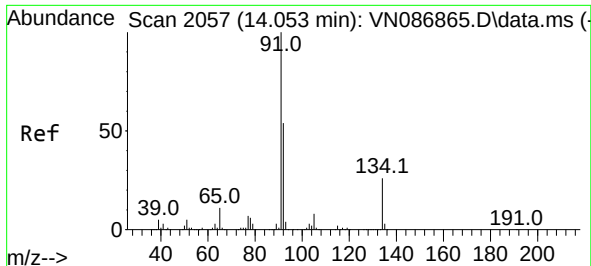


#88
1,4-Dichlorobenzene
Concen: 22.090 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN086943.D
Acq: 11 Jun 2025 12:50



Tgt Ion:146 Resp: 109569
Ion Ratio Lower Upper
146 100
111 41.2 19.9 59.7
148 62.7 31.8 95.4





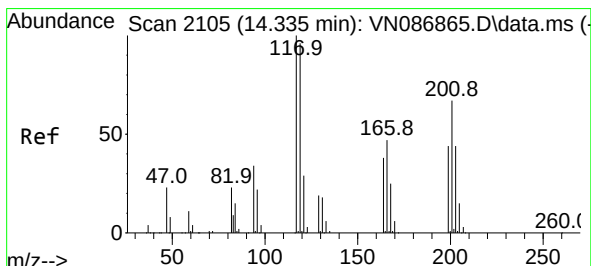
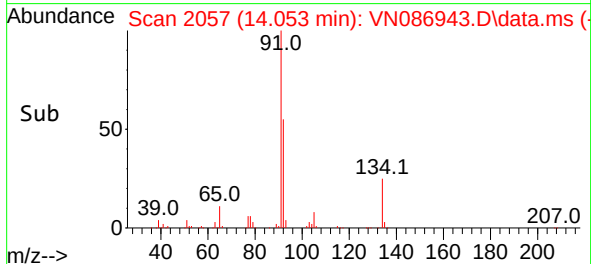
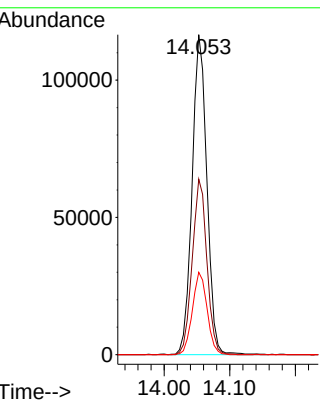
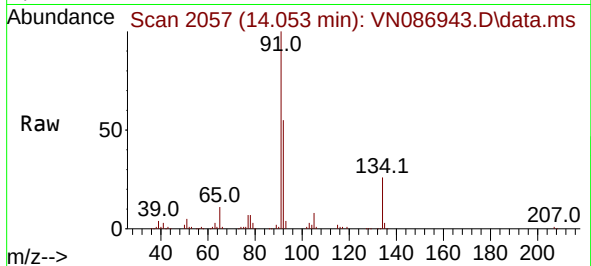
#89
n-Butylbenzene
Concen: 19.304 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN086943.D
Acq: 11 Jun 2025 12:50

Instrument :
MSVOA_N
ClientSampleId :
VN0611WBS01

Tgt Ion: 91 Resp: 182905
Ion Ratio Lower Upper
91 100
92 54.4 27.5 82.4
134 25.7 13.0 39.0

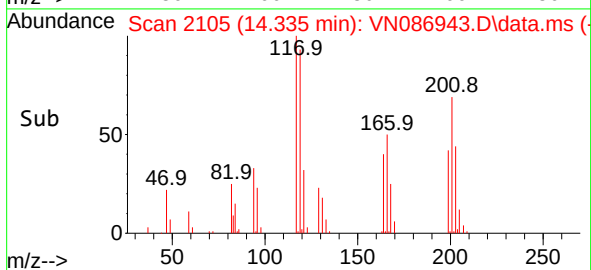
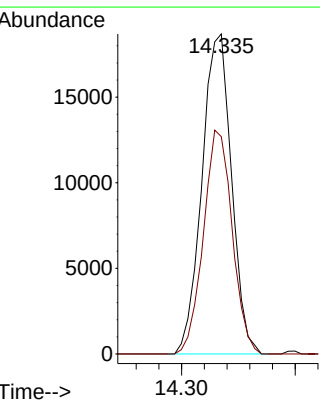
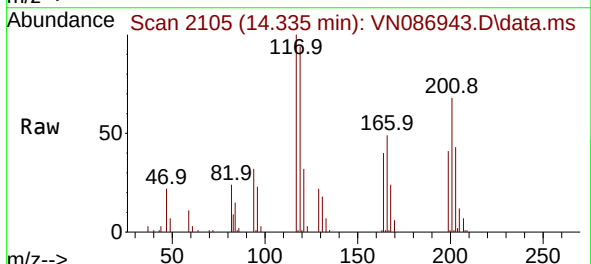
Manual Integrations
APPROVED

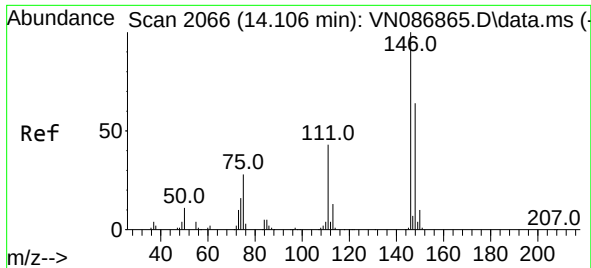
Reviewed By :John Carlone 06/12/2025
Supervised By :Semsettin Yesilyurt 06/12/2025



#90
Hexachloroethane
Concen: 20.342 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. -0.000 min
Lab File: VN086943.D
Acq: 11 Jun 2025 12:50

Tgt Ion:117 Resp: 33730
Ion Ratio Lower Upper
117 100
201 68.1 33.2 99.6





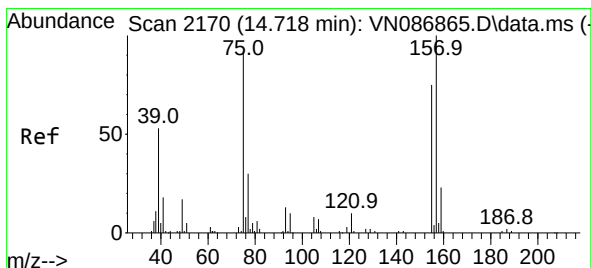
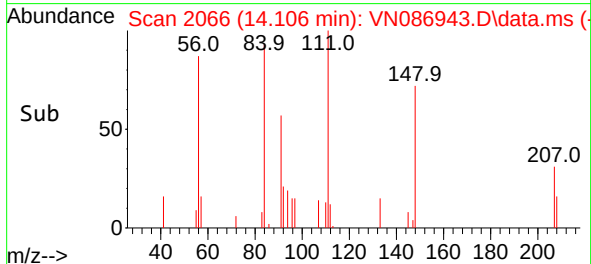
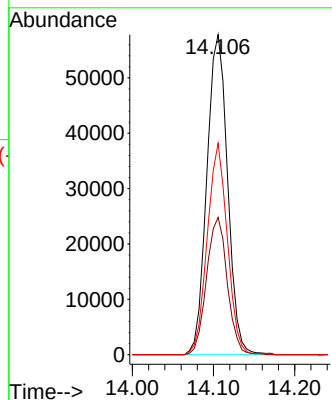
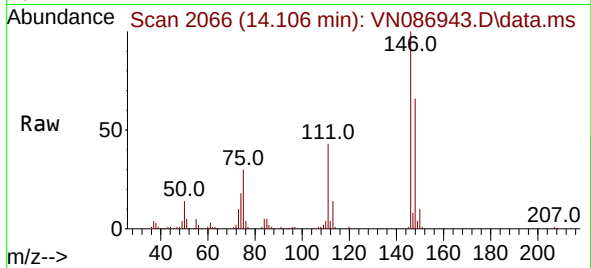
#91
1,2-Dichlorobenzene
Concen: 21.929 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN086943.D
Acq: 11 Jun 2025 12:50

Instrument :
MSVOA_N
ClientSampleId :
VN0611WBS01

Tgt Ion:146 Resp: 10249
Ion Ratio Lower Upper
146 100
111 42.8 21.6 64.6
148 64.1 31.7 95.1

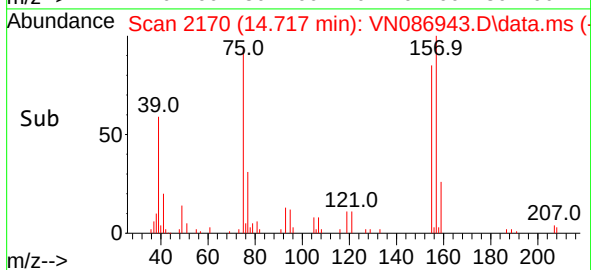
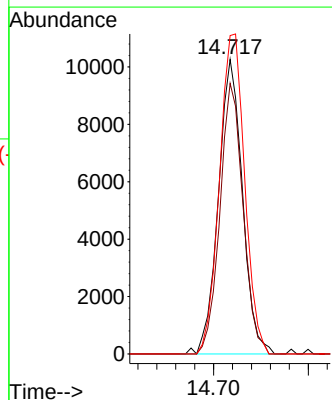
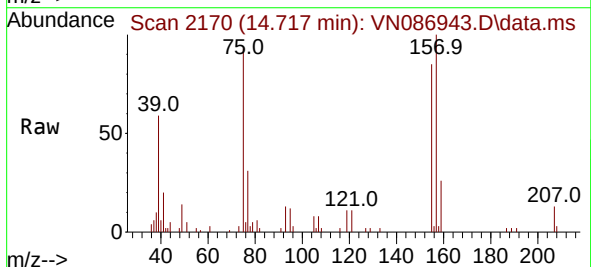
Manual Integrations
APPROVED

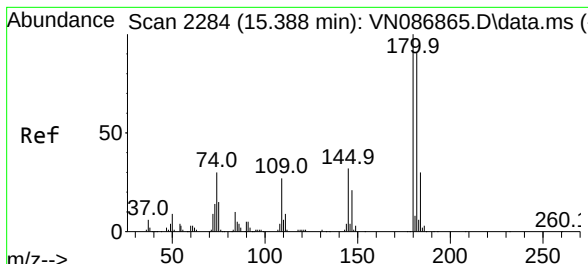
Reviewed By :John Carlone 06/12/2025
Supervised By :Semsettin Yesilyurt 06/12/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 20.738 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.000 min
Lab File: VN086943.D
Acq: 11 Jun 2025 12:50

Tgt Ion: 75 Resp: 18116
Ion Ratio Lower Upper
75 100
155 88.3 41.1 123.4
157 113.8 52.7 158.1





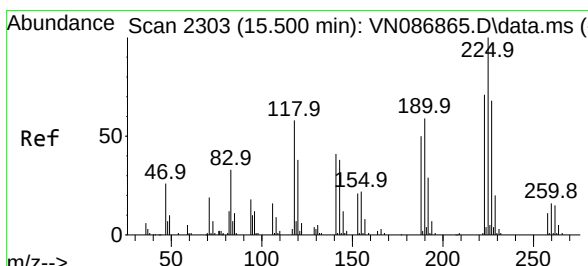
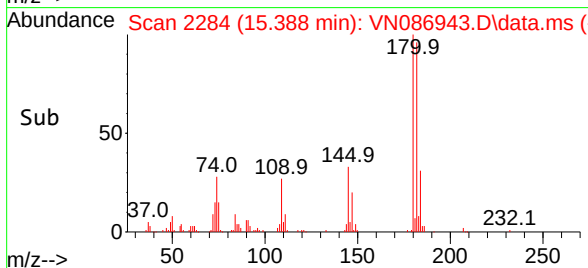
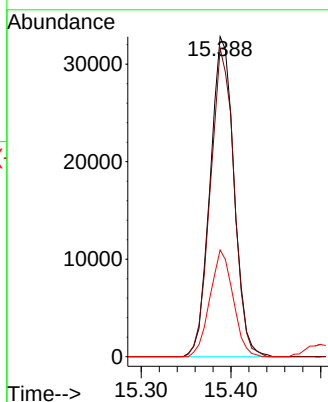
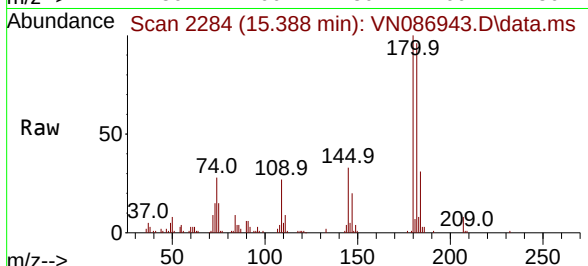
#93
 1,2,4-Trichlorobenzene
 Concen: 20.307 ug/l
 RT: 15.388 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VN086943.D
 Acq: 11 Jun 2025 12:50

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0611WBS01

Tgt Ion:180 Resp: 6061
 Ion Ratio Lower Upper
 180 100
 182 95.6 46.9 140.7
 145 32.2 16.0 47.9

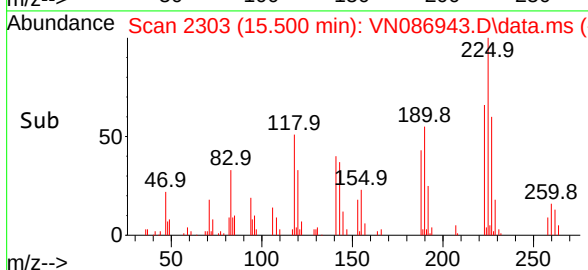
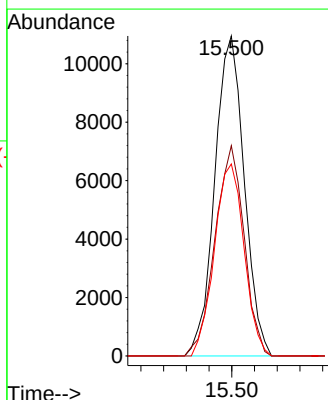
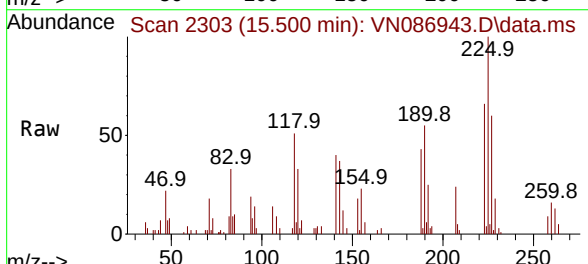
Manual Integrations
 APPROVED

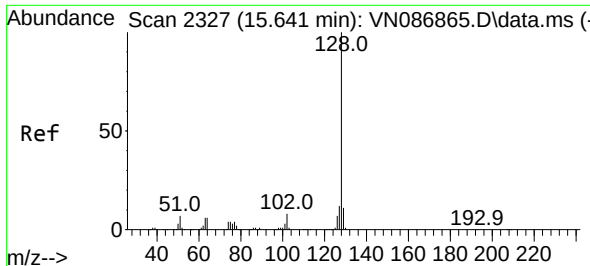
Reviewed By :John Carlone 06/12/2025
 Supervised By :Semsettin Yesilyurt 06/12/2025



#94
 Hexachlorobutadiene
 Concen: 17.752 ug/l
 RT: 15.500 min Scan# 2303
 Delta R.T. -0.000 min
 Lab File: VN086943.D
 Acq: 11 Jun 2025 12:50

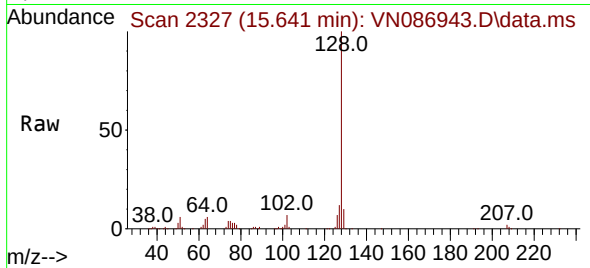
Tgt Ion:225 Resp: 19740
 Ion Ratio Lower Upper
 225 100
 223 64.9 33.5 100.4
 227 60.5 31.1 93.5





#95
Naphthalene
Concen: 21.571 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. -0.000 min
Lab File: VN086943.D
Acq: 11 Jun 2025 12:50

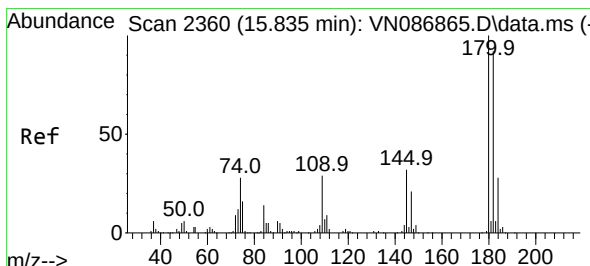
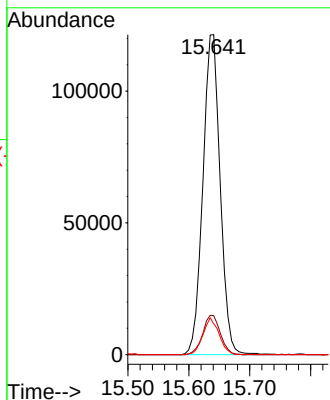
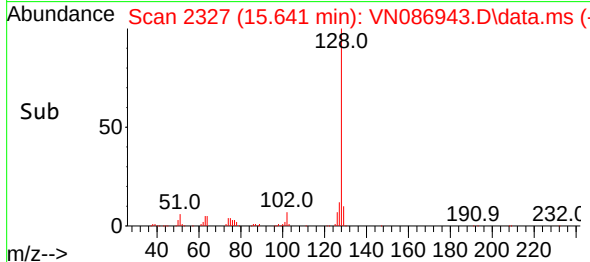
Instrument :
MSVOA_N
ClientSampleId :
VN0611WBS01



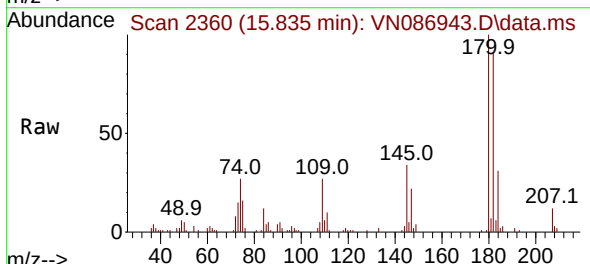
Tgt Ion:128 Resp: 23964
Ion Ratio Lower Upper
128 100
127 12.5 10.2 15.2
129 10.7 8.8 13.2

Manual Integrations
APPROVED

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



#96
1,2,3-Trichlorobenzene
Concen: 19.605 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. -0.000 min
Lab File: VN086943.D
Acq: 11 Jun 2025 12:50



Tgt Ion:180 Resp: 58138
Ion Ratio Lower Upper
180 100
182 92.9 47.0 141.0
145 33.4 16.6 49.8

