

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041425\
 Data File : VN086258.D
 Acq On : 14 Apr 2025 10:30
 Operator : JC\MD
 Sample : VN0414WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0414WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/16/2025
 Supervised By : Semsettin Yesilyurt 04/16/2025

Quant Time: Apr 15 03:04:43 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N041125W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Apr 12 01:21:52 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.812	128	36879	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	225158	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	200399	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.577	65	107914	30.001	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 100.000%			
60) 4-Bromofluorobenzene	12.847	95	117162	29.365	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 97.867%			
63) Toluene-d8	10.565	98	338635	29.932	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 99.767%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	61251	20.729	ug/l	99
3) Chloromethane	2.359	50	80659	19.750	ug/l	99
4) Vinyl Chloride	2.512	62	77149	19.833	ug/l	99
5) Bromomethane	2.965	94	37720	19.440	ug/l	100
6) Chloroethane	3.124	64	48664	19.811	ug/l	98
7) Trichlorofluoromethane	3.500	101	84176	19.948	ug/l	99
8) Diethyl Ether	3.959	74	37186	19.109	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.371	101	52729	20.264	ug/l	98
10) 1,1-Dichloroethene	4.336	96	53563	19.074	ug/l	90
11) Methyl Iodide	4.583	142	63260	19.600	ug/l	97
12) Methyl Acetate	5.024	43	80685	20.346	ug/l	96
13) Acrolein	4.177	56	51921	115.184	ug/l	98
14) Acrylonitrile	5.712	53	161554	96.501	ug/l	99
15) Acetone	4.424	58	39995	94.221	ug/l	86
16) Carbon Disulfide	4.712	76	155915	19.362	ug/l	99
17) Allyl chloride	5.018	41	95949	19.604	ug/l	100
18) Methylene Chloride	5.277	84	62289	19.455	ug/l	95
19) trans-1,2-Dichloroethene	5.783	96	56991	19.267	ug/l	98
20) Diisopropyl ether	6.671	45	205517	19.531	ug/l	96
21) 1,1-Dichloroethane	6.565	63	112578	20.053	ug/l	98
22) cis-1,2-Dichloroethene	7.483	96	70370	19.971	ug/l	99
23) tert-Butyl Alcohol	5.512	59	68299	98.460	ug/l #	100
24) Methyl tert-Butyl Ether	5.789	73	201333	19.867	ug/l	99
25) Chloroform	7.965	83	108985	20.358	ug/l	100
26) Cyclohexane	8.259	56	104294	19.857	ug/l #	99
29) 1,1-Dichloropropene	8.371	75	79196	19.635	ug/l	99
30) 2-Butanone	7.477	43	218235	97.644	ug/l	99
31) 2,2-Dichloropropane	7.488	77	102531	20.651	ug/l	97
32) 1,1,1-Trichloroethane	8.165	97	93805	20.218	ug/l	98
33) Carbon Tetrachloride	8.359	117	76431	20.613	ug/l	98
34) Benzene	8.606	78	256807	20.013	ug/l	97
35) Methacrylonitrile	7.777	41	48109	19.094	ug/l	95
36) 1,2-Dichloroethane	8.671	62	79447	19.785	ug/l	98
37) Trichloroethene	9.347	130	61173	19.758	ug/l	95
38) Methylcyclohexane	9.600	83	98435	19.899	ug/l	98
39) 1,2-Dichloropropane	9.618	63	64370	20.160	ug/l	96
40) Dibromomethane	9.706	93	39821	19.309	ug/l	97
41) Bromodichloromethane	9.882	83	87893	19.839	ug/l	99
42) Vinyl Acetate	6.600	43	754169	99.130	ug/l	100

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Quant Time: Apr 15 03:04:43 2025
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Manual Integrations APPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.559	43	84824	18.816	ug/l	99
44) Isopropyl Acetate	8.682	43	156967	18.769	ug/l	100
45) 1,4-Dioxane	9.694	88	27132	407.987	ug/l #	93
46) Methyl methacrylate	9.677	41	70397	19.104	ug/l	96
47) n-amyl Acetate	12.488	43	125064	18.861	ug/l	100
48) t-1,3-Dichloropropene	10.829	75	100398	20.045	ug/l	97
49) cis-1,3-Dichloropropene	10.312	75	106442	20.080	ug/l	97
50) 1,1,2-Trichloroethane	11.012	97	57405	19.847	ug/l	96
51) Ethyl methacrylate	10.871	69	107320	19.966	ug/l	97
52) 1,3-Dichloropropane	11.159	76	102866	19.953	ug/l	99
53) Dibromochloromethane	11.353	129	63672	20.125	ug/l	99
54) 1,2-Dibromoethane	11.465	107	57989	19.861	ug/l	98
55) 2-Chloroethyl vinyl ether	10.159	63	277515	136.634	ug/l	99
56) Bromoform	12.576	173	42602	20.582	ug/l	100
58) 4-Methyl-2-Pentanone	10.441	43	453475	99.716	ug/l	100
59) 2-Hexanone	11.194	43	331992	98.039	ug/l	99
61) Tetrachloroethene	11.100	164	60657	20.496	ug/l	96
62) Toluene	10.629	91	274337	20.410	ug/l	99
64) Chlorobenzene	11.888	112	166315	20.253	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.959	131	56093	20.697	ug/l	99
66) Ethyl Benzene	11.959	91	300996	20.192	ug/l	98
67) m/p-Xylenes	12.065	106	226476	40.859	ug/l	100
68) o-Xylene	12.394	106	111656	20.480	ug/l	99
69) Styrene	12.406	104	187151	20.354	ug/l	98
70) Isopropylbenzene	12.694	105	276457	20.566	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.935	83	77255	20.191	ug/l	99
72) 1,2,3-Trichloropropane	12.988	75	68150m	17.111	ug/l	
73) Bromobenzene	12.976	156	61503	20.653	ug/l	97
74) n-propylbenzene	13.035	91	327436	20.629	ug/l	100
75) 2-Chlorotoluene	13.123	91	203289	20.376	ug/l	100
76) 1,3,5-Trimethylbenzene	13.170	105	225441	20.416	ug/l	100
77) t-1,4-Dichloro-2-butene	12.735	75	35902	19.550	ug/l	93
78) 4-Chlorotoluene	13.217	91	200138	20.086	ug/l	99
79) tert-butylbenzene	13.435	119	200516	20.985	ug/l	98
80) 1,2,4-Trimethylbenzene	13.482	105	226948	20.268	ug/l	99
81) sec-Butylbenzene	13.612	105	275746	20.689	ug/l	100
82) p-Isopropyltoluene	13.729	119	228119	20.517	ug/l	100
83) 1,3-Dichlorobenzene	13.729	146	113608	20.526	ug/l	99
84) 1,4-Dichlorobenzene	13.812	146	111516	20.084	ug/l	99
85) n-Butylbenzene	14.053	91	204037	20.342	ug/l	99
86) Hexachloroethane	14.329	117	37827	20.168	ug/l	98
87) 1,2-Dichlorobenzene	14.106	146	110247	20.173	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	14.717	75	16866	19.353	ug/l	99
89) 1,2,4-Trichlorobenzene	15.835	180	52993	19.929	ug/l	99
90) Hexachlorobutadiene	15.500	225	20919	18.221	ug/l	97
91) Naphthalene	15.635	128	195107	18.610	ug/l	100
92) 1,2,3-Trichlorobenzene	15.835	180	52993	19.929	ug/l	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

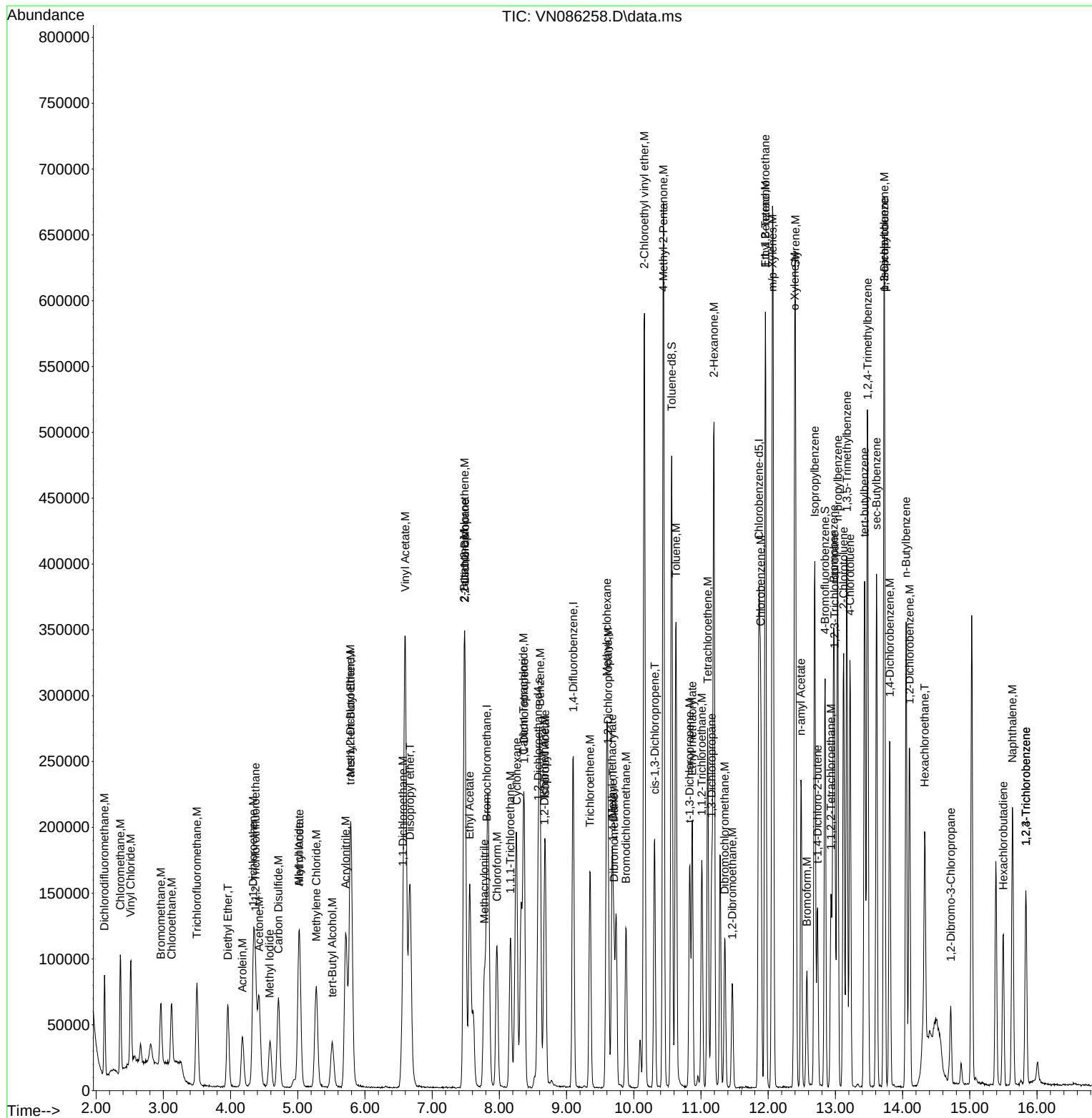
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041425\
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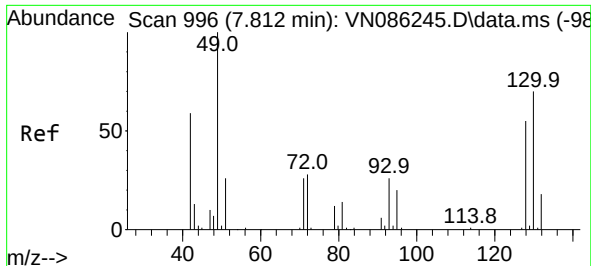
Instrument :
MSVOA_N
ClientSampleId :
VN0414WBS01

Manual Integrations
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Supervised By : Semsettin Yesilyurt 04/16/2025

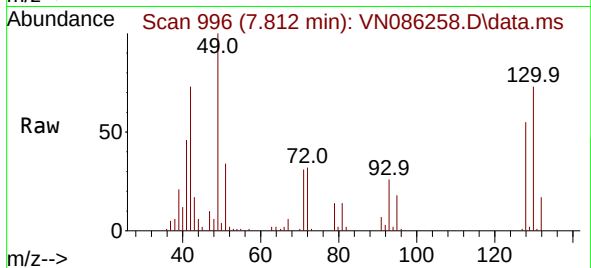
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N041125W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Sat Apr 12 01:21:52 2025
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.812 min Scan# 996
Delta R.T. -0.000 min
Lab File: VN086258.D
Acq: 14 Apr 2025 10:30

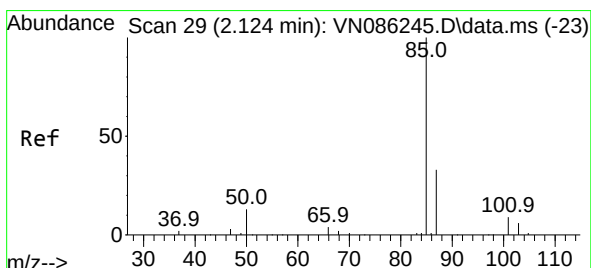
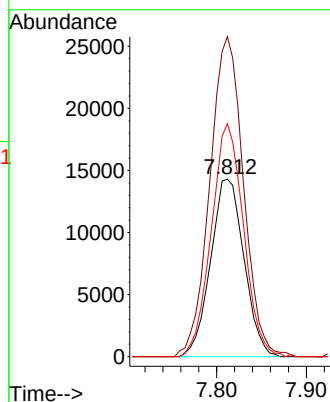
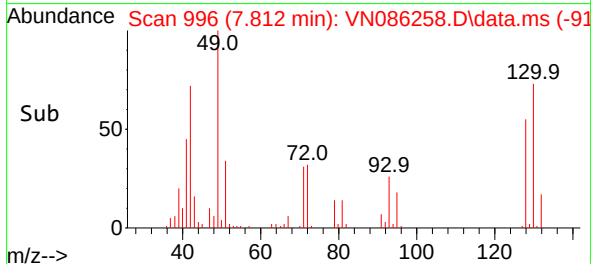
Instrument :
MSVOA_N
ClientSampleId :
VN0414WBS01



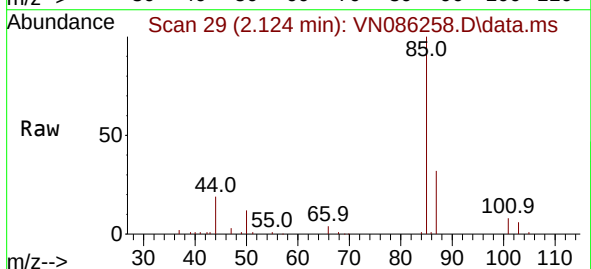
Tgt Ion:128 Resp: 36879
Ion Ratio Lower Upper
128 100
49 182.1 0.0 452.5
130 127.0 0.0 315.0

Manual Integrations
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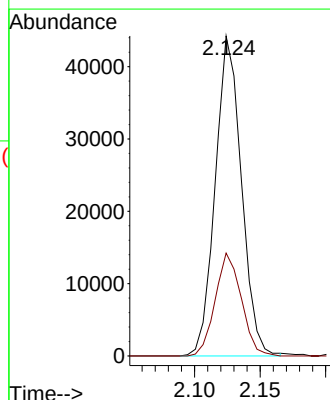
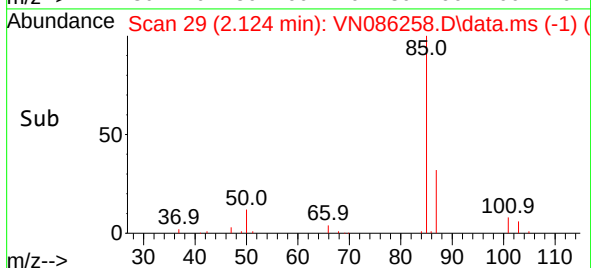
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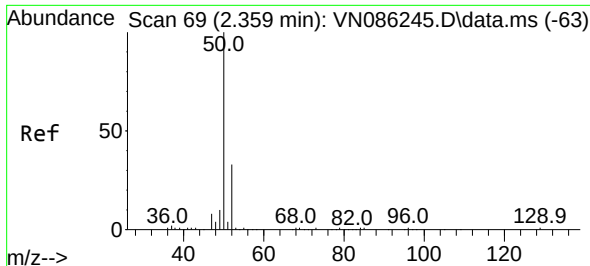


#2
Dichlorodifluoromethane
Concen: 20.729 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN086258.D
Acq: 14 Apr 2025 10:30



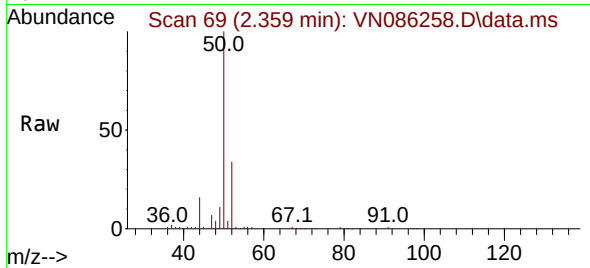
Tgt Ion: 85 Resp: 61251
Ion Ratio Lower Upper
85 100
87 32.2 16.3 48.9





#3
Chloromethane
Concen: 19.750 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN086258.D
Acq: 14 Apr 2025 10:30

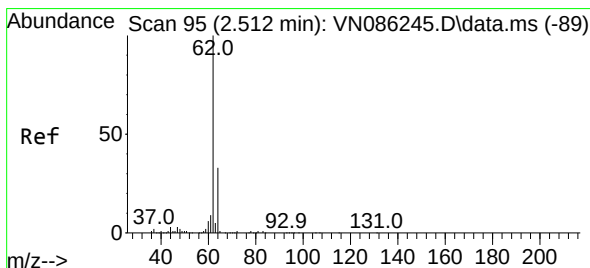
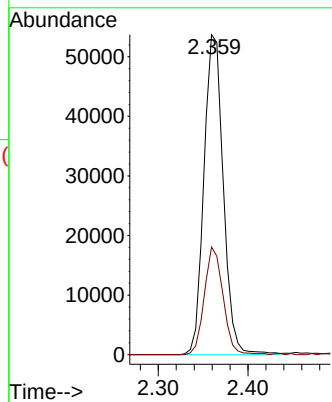
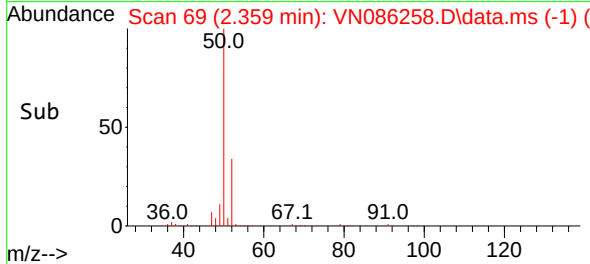
Instrument :
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Tgt Ion: 50 Resp: 80659
Ion Ratio Lower Upper
50 100
52 33.6 26.4 39.6

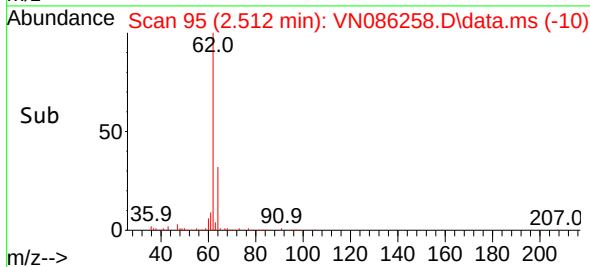
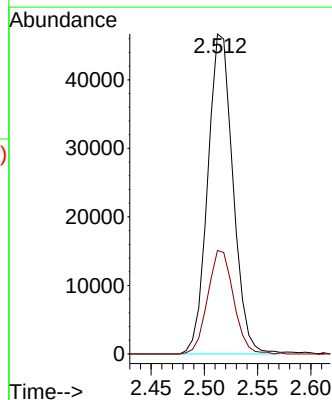
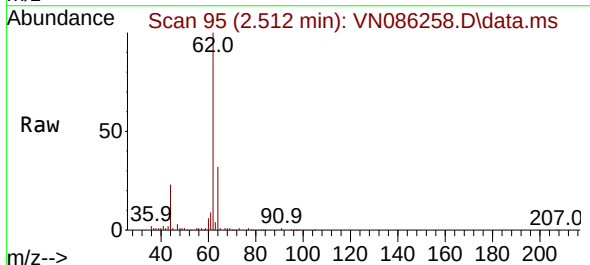
Manual Integrations
APPROVED

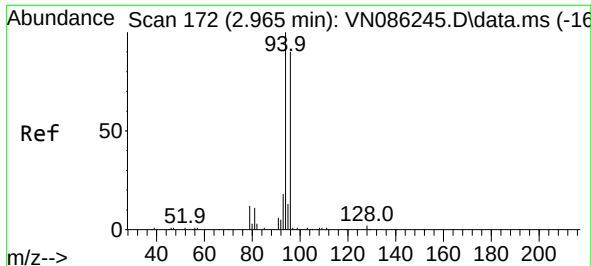
Reviewed By :John Carlone 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025



#4
Vinyl Chloride
Concen: 19.833 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.000 min
Lab File: VN086258.D
Acq: 14 Apr 2025 10:30

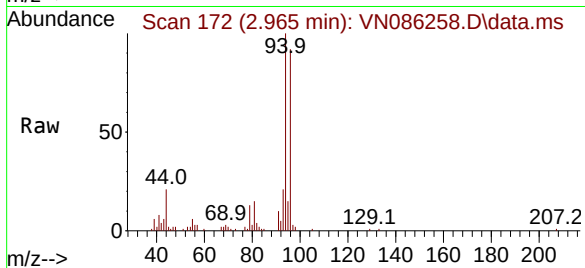
Tgt Ion: 62 Resp: 77149
Ion Ratio Lower Upper
62 100
64 32.4 26.3 39.5





#5
Bromomethane
Concen: 19.440 ug/l
RT: 2.965 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086258.D
Acq: 14 Apr 2025 10:30

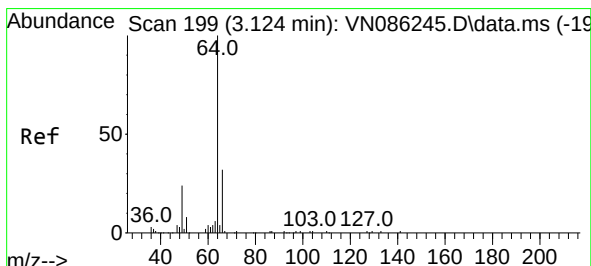
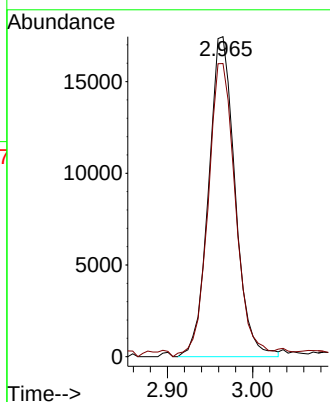
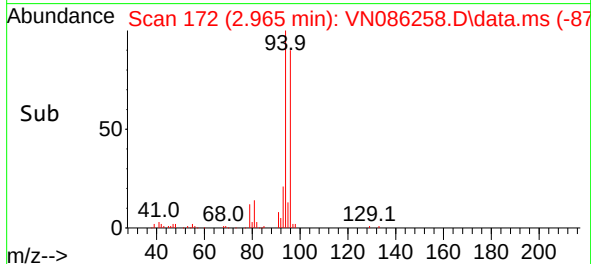
Instrument :
MSVOA_N
ClientSampleId :
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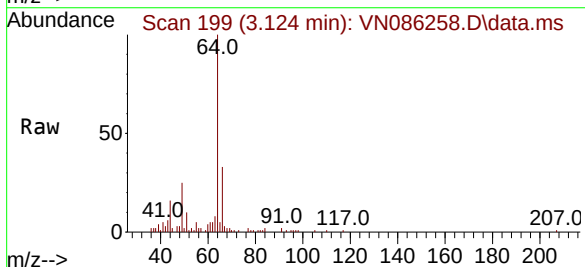
Tgt Ion: 94 Resp: 37720
Ion Ratio Lower Upper
94 100
96 90.5 72.2 108.2

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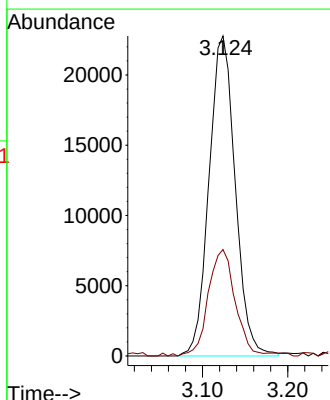
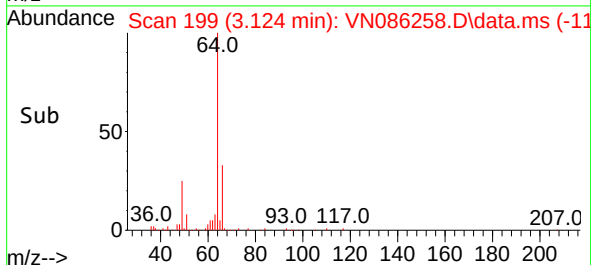
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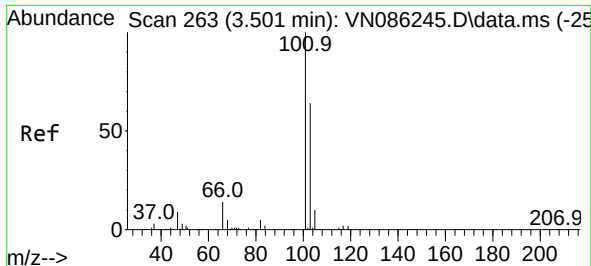


#6
Chloroethane
Concen: 19.811 ug/l
RT: 3.124 min Scan# 199
Delta R.T. -0.000 min
Lab File: VN086258.D
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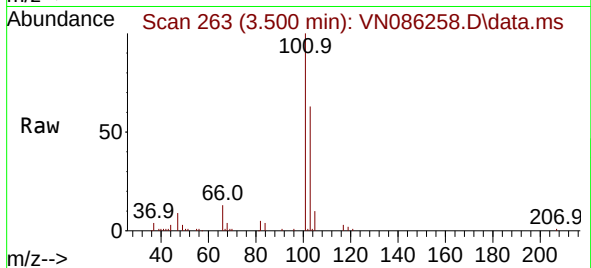
Tgt Ion: 64 Resp: 48664
Ion Ratio Lower Upper
64 100
66 33.3 25.7 38.5





#7
 Trichlorofluoromethane
 Concen: 19.948 ug/l
 RT: 3.500 min Scan# 263
 Delta R.T. -0.000 min
 Lab File: VN086258.D
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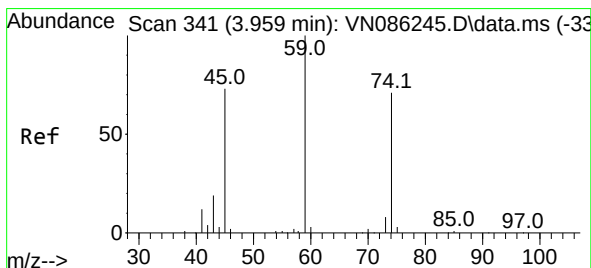
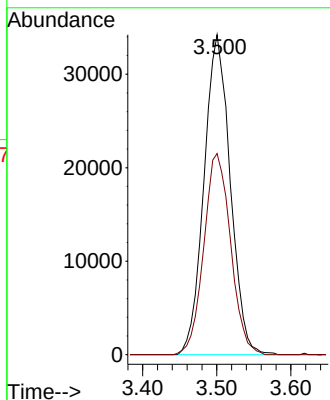
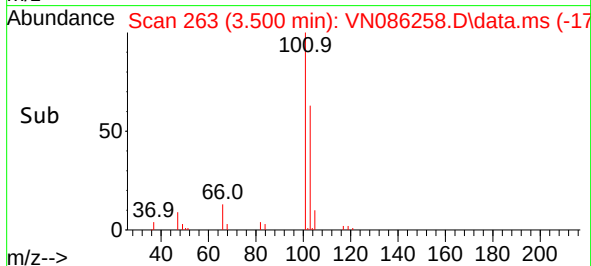
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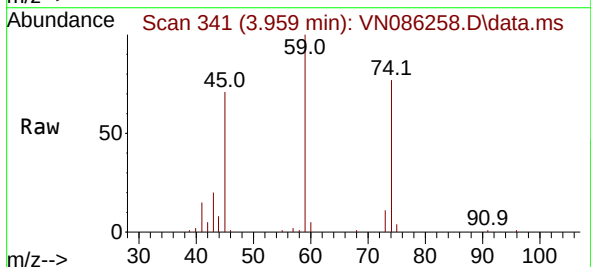
Tgt Ion:101 Resp: 84170
 Ion Ratio Lower Upper
 101 100
 103 62.9 51.2 76.8

Manual Integrations
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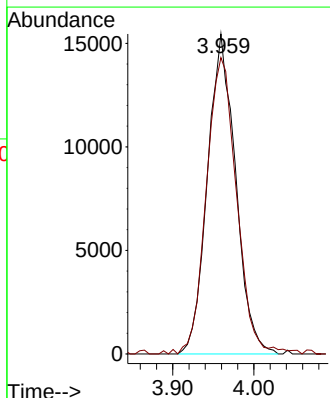
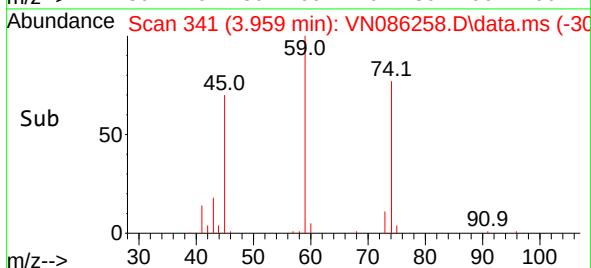
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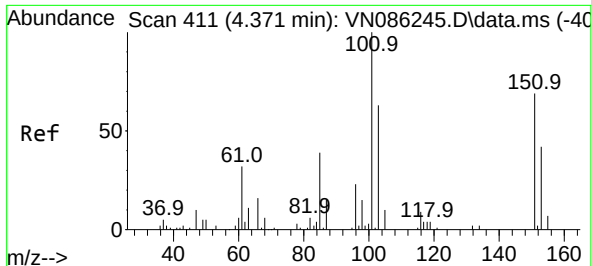


#8
 Diethyl Ether
 Concen: 19.109 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. -0.000 min
 Lab File: VN086258.D
 Acq: 14 Apr 2025 10:30



Tgt Ion: 74 Resp: 37186
 Ion Ratio Lower Upper
 74 100
 45 98.2 19.2 173.2





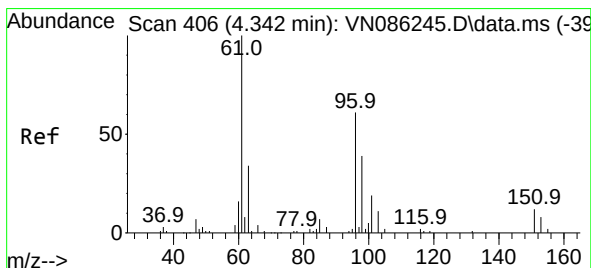
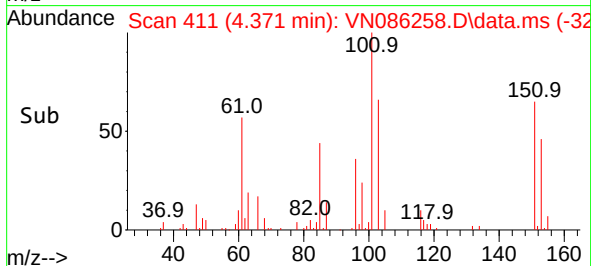
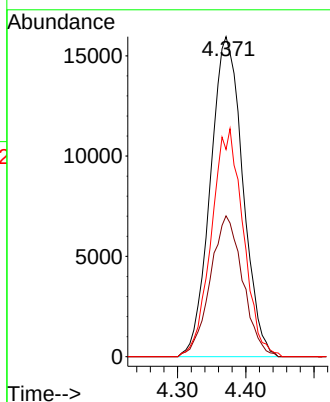
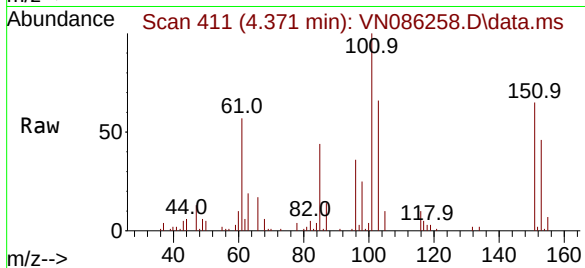
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.264 ug/l
RT: 4.371 min Scan# 411
Delta R.T. -0.000 min
Lab File: VN086258.D
Acq: 14 Apr 2025 10:30

Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion:101 Resp: 52729
Ion Ratio Lower Upper
101 100
85 44.2 0.0 93.0
151 69.9 0.0 138.6

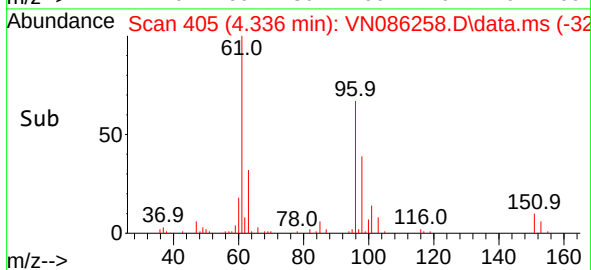
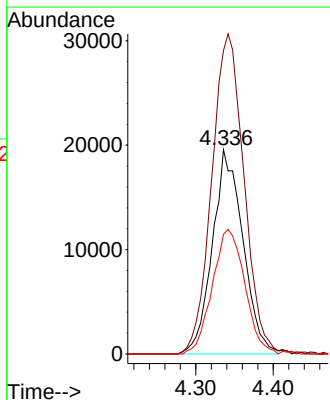
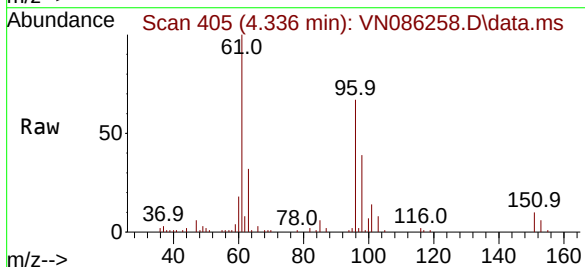
Manual Integrations
APPROVED

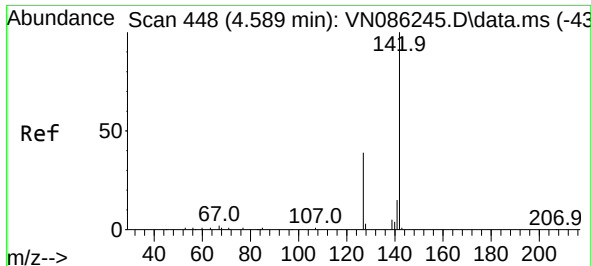
Reviewed By :John Carlone 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025



#10
1,1-Dichloroethene
Concen: 19.074 ug/l
RT: 4.336 min Scan# 405
Delta R.T. -0.006 min
Lab File: VN086258.D
Acq: 14 Apr 2025 10:30

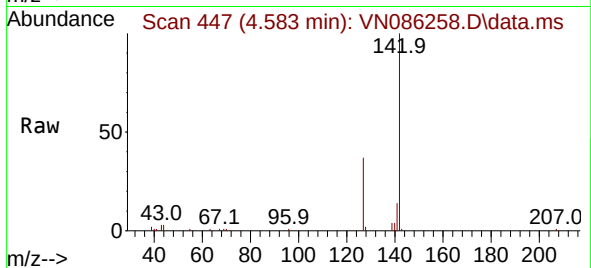
Tgt Ion: 96 Resp: 53563
Ion Ratio Lower Upper
96 100
61 148.5 131.1 196.7
98 58.6 51.6 77.4





#11
Methyl Iodide
Concen: 19.600 ug/l
RT: 4.583 min Scan# 448
Delta R.T. -0.006 min
Lab File: VN086258.D
Acq: 14 Apr 2025 10:30

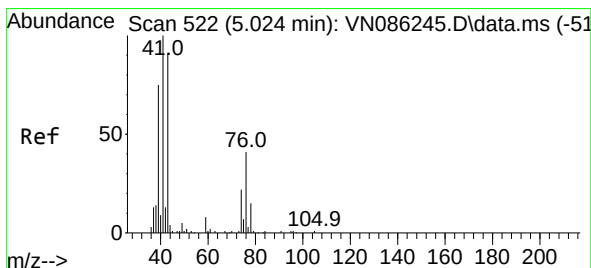
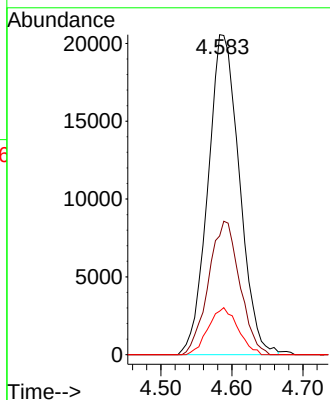
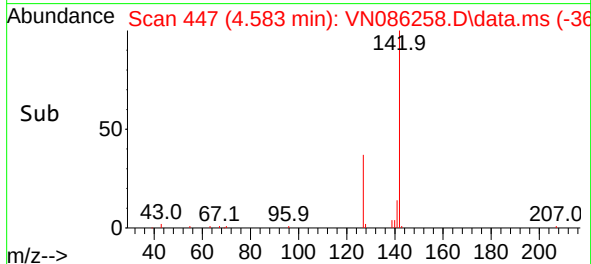
Instrument :
MSVOA_N
ClientSampleId :
VN0414WBS01



Tgt Ion:142 Resp: 63260
Ion Ratio Lower Upper
142 100
127 37.2 19.6 58.8
141 13.6 7.3 21.9

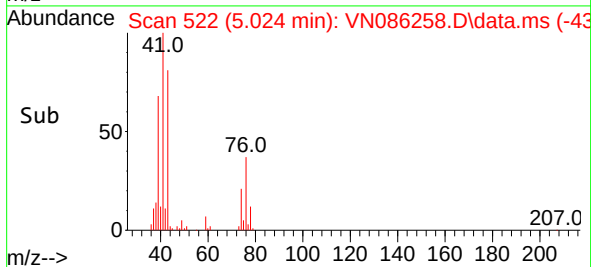
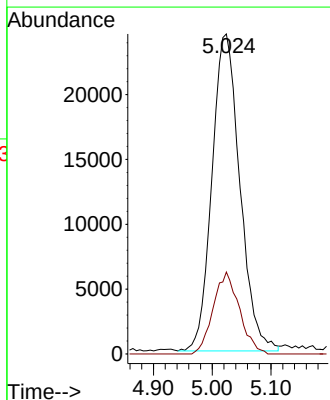
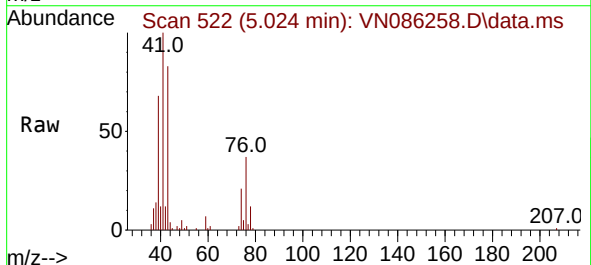
Manual Integrations
APPROVED

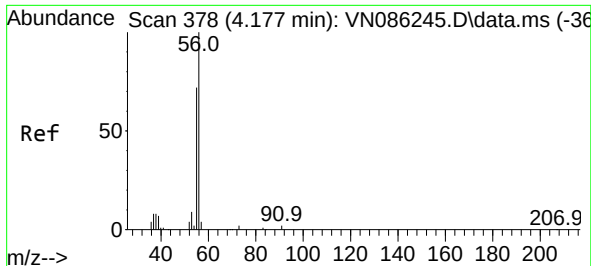
Reviewed By :John Carlone 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025



#12
Methyl Acetate
Concen: 20.346 ug/l
RT: 5.024 min Scan# 522
Delta R.T. -0.000 min
Lab File: VN086258.D
Acq: 14 Apr 2025 10:30

Tgt Ion: 43 Resp: 80685
Ion Ratio Lower Upper
43 100
74 26.0 19.1 28.7





#13

Acrolein

Concen: 115.184 ug/l

RT: 4.177 min Scan# 31

Delta R.T. -0.000 min

Lab File: VN086258.D

Acq: 14 Apr 2025 10:30

Instrument :

MSVOA_N

ClientSampleId :

VN0414WBS01

Tgt Ion: 56 Resp: 5192

Ion Ratio Lower Upper

56 100

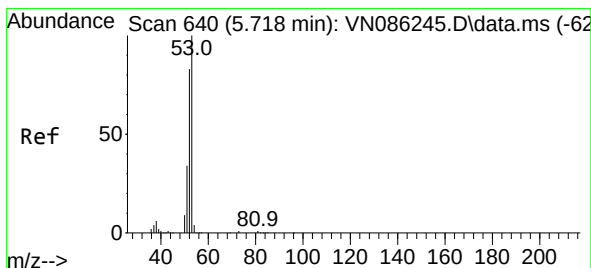
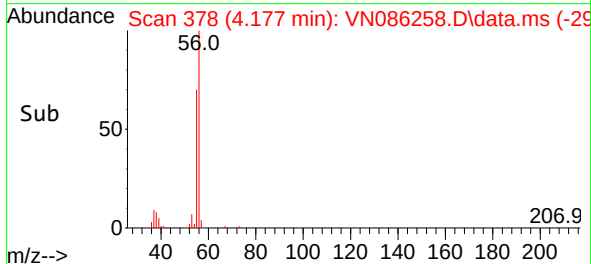
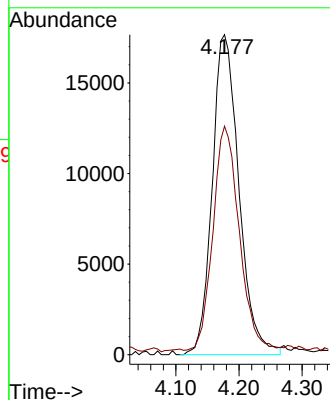
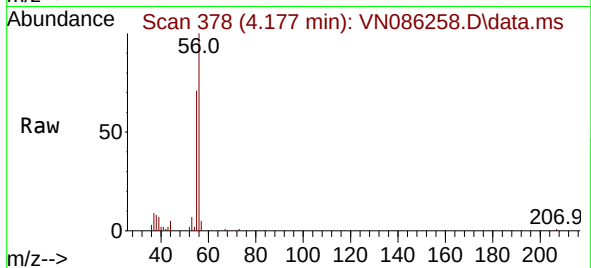
55 68.7 56.5 84.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/16/2025

Supervised By :Semsettin Yesilyurt 04/16/2025



#14

Acrylonitrile

Concen: 96.501 ug/l

RT: 5.712 min Scan# 639

Delta R.T. -0.006 min

Lab File: VN086258.D

Acq: 14 Apr 2025 10:30

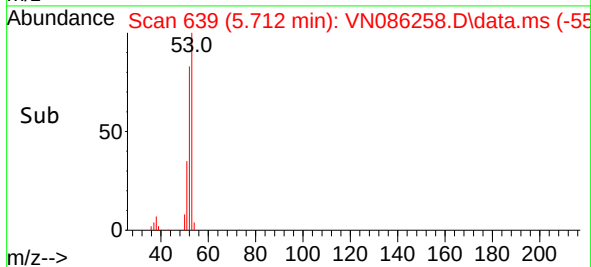
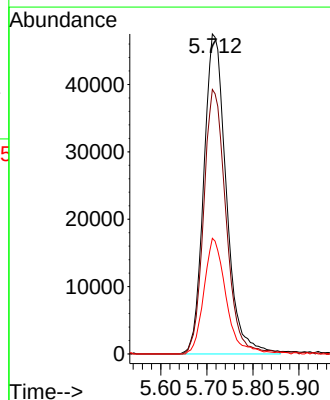
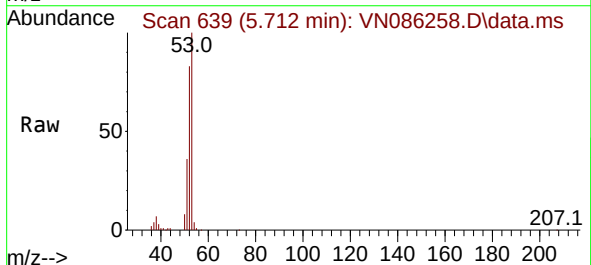
Tgt Ion: 53 Resp: 161554

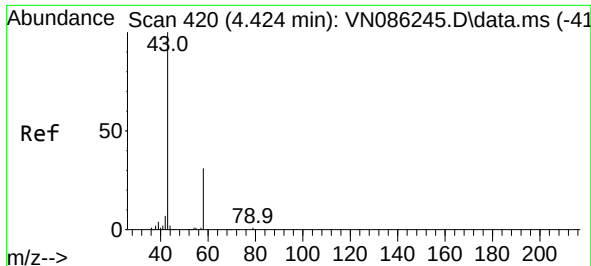
Ion Ratio Lower Upper

53 100

52 81.5 40.2 120.6

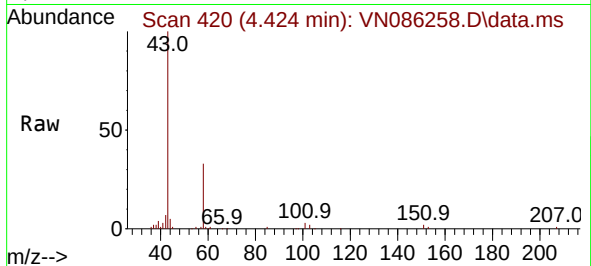
51 35.4 17.5 52.6





#15
Acetone
Concen: 94.221 ug/l
RT: 4.424 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN086258.D
Acq: 14 Apr 2025 10:30

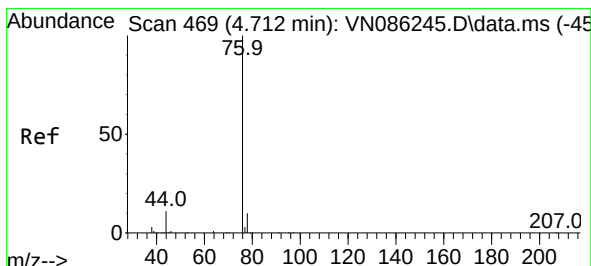
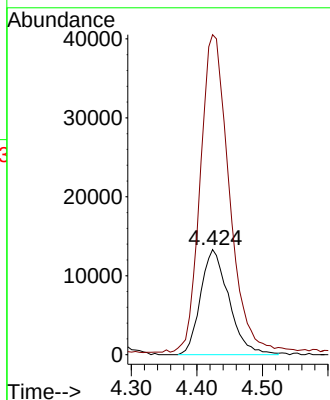
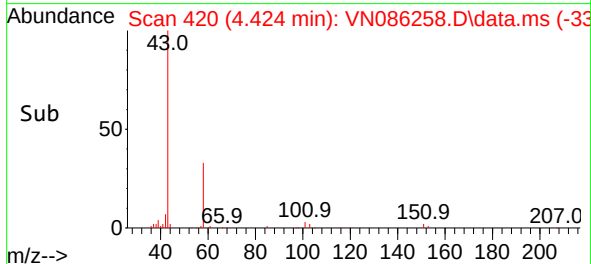
Instrument :
MSVOA_N
ClientSampleId :
VN0414WBS01



Tgt Ion: 58 Resp: 3999
Ion Ratio Lower Upper
58 100
43 298.0 261.8 392.8

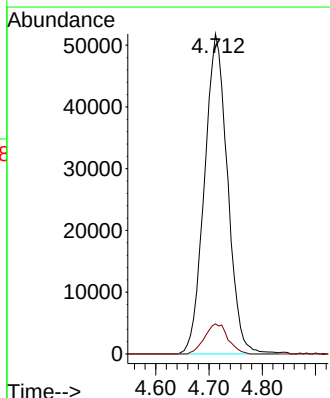
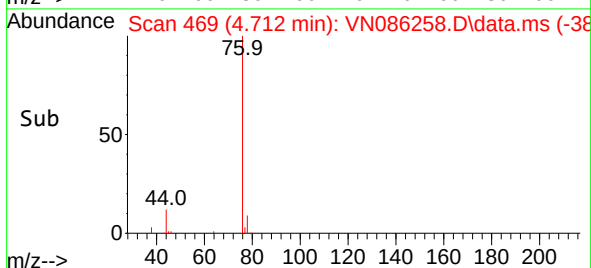
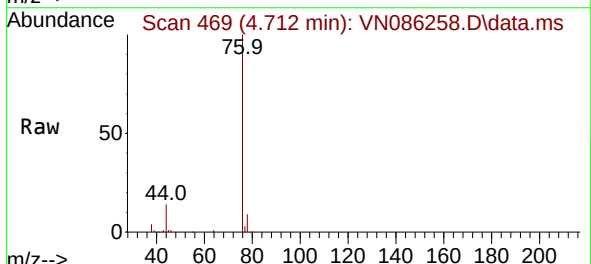
Manual Integrations
APPROVED

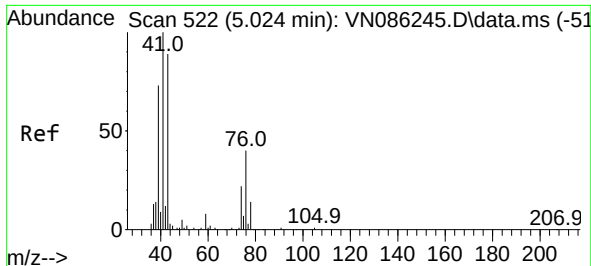
Reviewed By :John Carlone 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025



#16
Carbon Disulfide
Concen: 19.362 ug/l
RT: 4.712 min Scan# 469
Delta R.T. -0.000 min
Lab File: VN086258.D
Acq: 14 Apr 2025 10:30

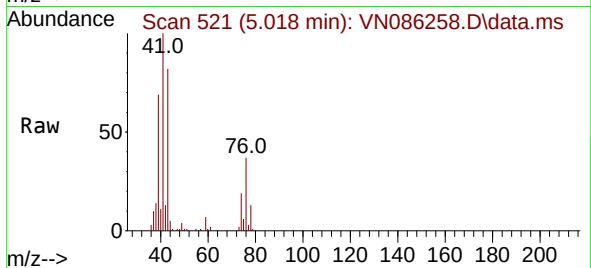
Tgt Ion: 76 Resp: 155915
Ion Ratio Lower Upper
76 100
78 9.4 7.7 11.5





#17
 Allyl chloride
 Concen: 19.604 ug/l
 RT: 5.018 min Scan# 51
 Delta R.T. -0.006 min
 Lab File: VN086258.D
 Acq: 14 Apr 2025 10:30

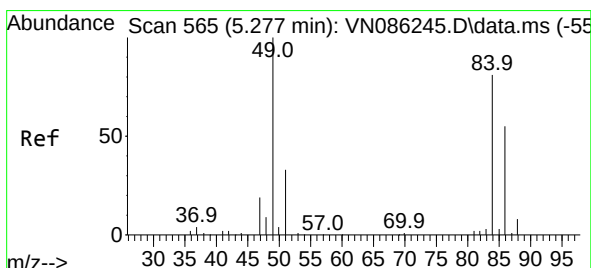
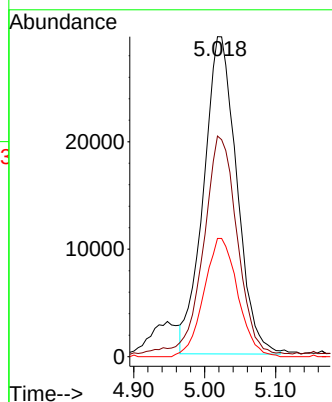
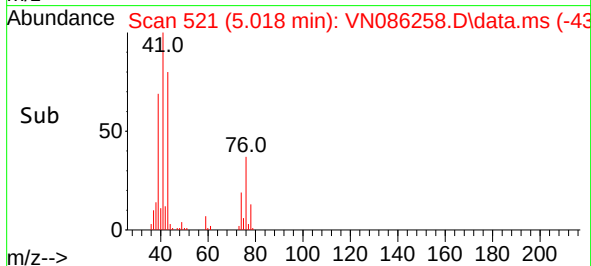
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0414WBS01



Tgt Ion: 41 Resp: 95949
 Ion Ratio Lower Upper
 41 100
 39 68.9 34.4 103.2
 76 37.7 18.8 56.3

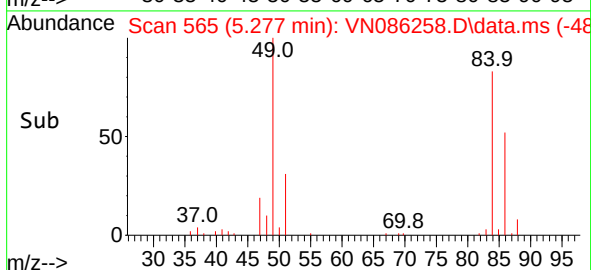
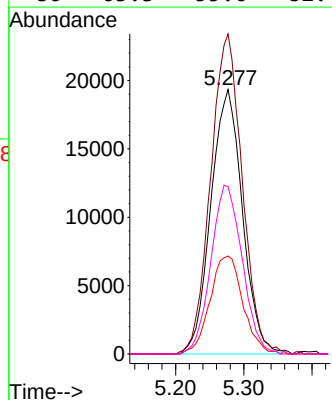
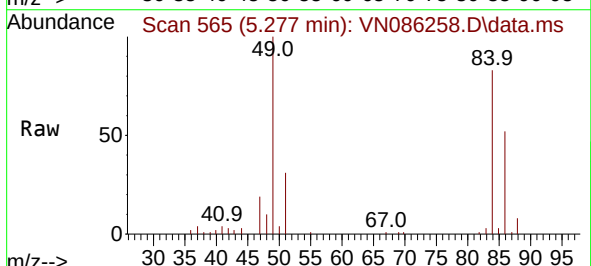
Manual Integrations
 APPROVED

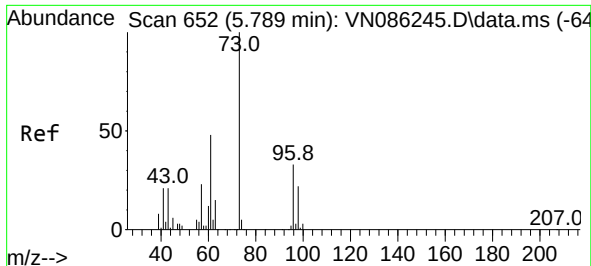
Reviewed By :John Carlone 04/16/2025
 Supervised By :Semsettin Yesilyurt 04/16/2025



#18
 Methylene Chloride
 Concen: 19.455 ug/l
 RT: 5.277 min Scan# 565
 Delta R.T. -0.000 min
 Lab File: VN086258.D
 Acq: 14 Apr 2025 10:30

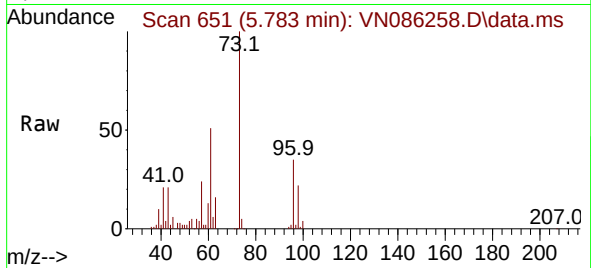
Tgt Ion: 84 Resp: 62289
 Ion Ratio Lower Upper
 84 100
 49 120.1 99.1 148.7
 51 37.0 32.3 48.5
 86 63.3 55.0 82.4





#19
trans-1,2-Dichloroethene
Concen: 19.267 ug/l
RT: 5.783 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN086258.D
Acq: 14 Apr 2025 10:30

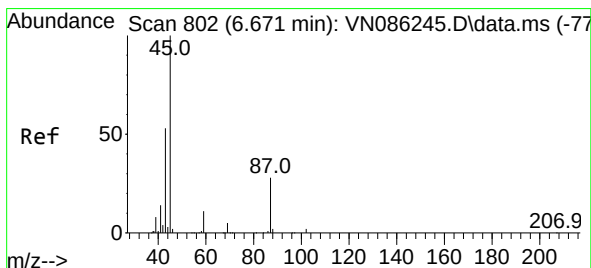
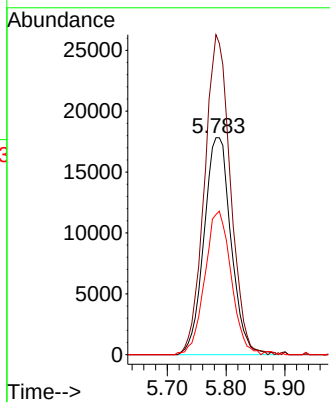
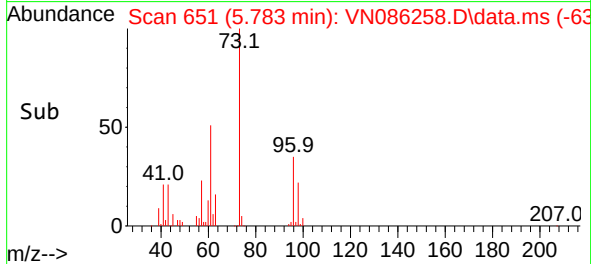
Instrument :
MSVOA_N
ClientSampleId :
VN0414WBS01



Tgt Ion: 96 Resp: 5699
Ion Ratio Lower Upper
96 100
61 147.5 115.9 173.9
98 64.6 52.1 78.1

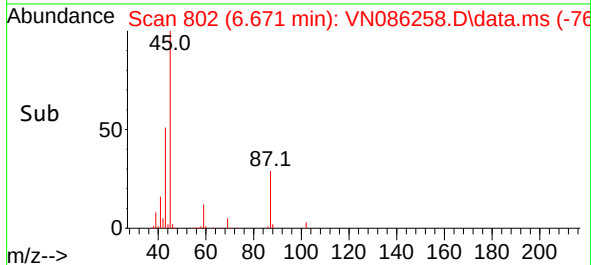
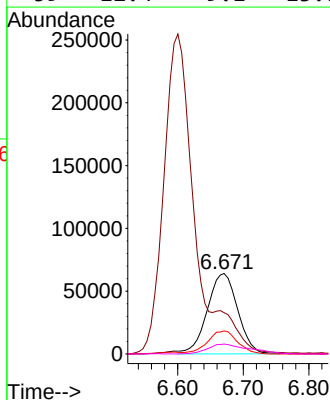
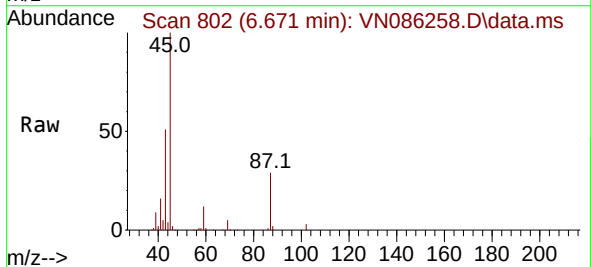
Manual Integrations
APPROVED

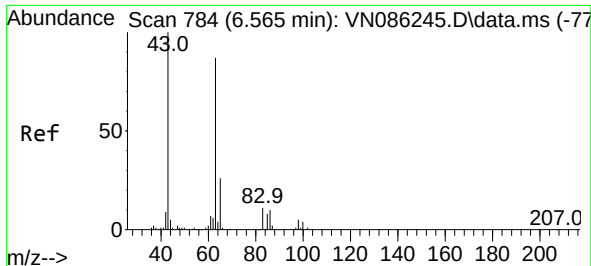
Reviewed By :John Carlone 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025



#20
Diisopropyl ether
Concen: 19.531 ug/l
RT: 6.671 min Scan# 802
Delta R.T. -0.000 min
Lab File: VN086258.D
Acq: 14 Apr 2025 10:30

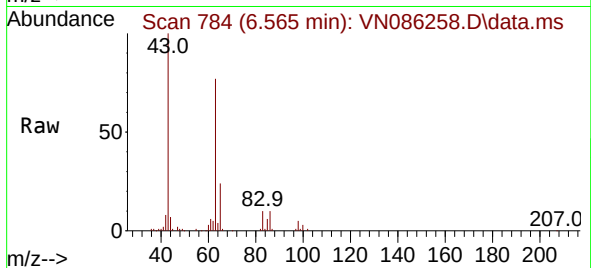
Tgt Ion: 45 Resp: 205517
Ion Ratio Lower Upper
45 100
43 49.5 42.3 63.5
87 28.6 22.2 33.4
59 12.4 9.1 13.7





#21
1,1-Dichloroethane
Concen: 20.053 ug/l
RT: 6.565 min Scan# 71
Delta R.T. -0.000 min
Lab File: VN086258.D
Acq: 14 Apr 2025 10:30

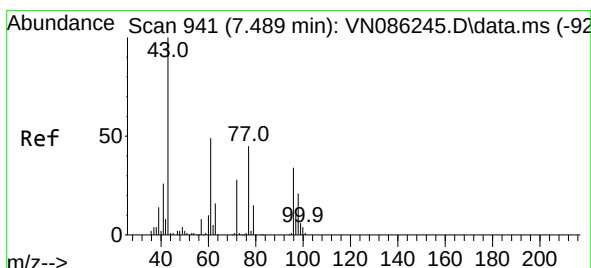
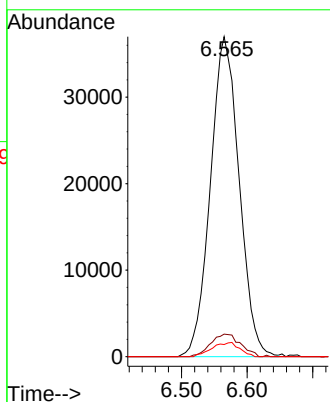
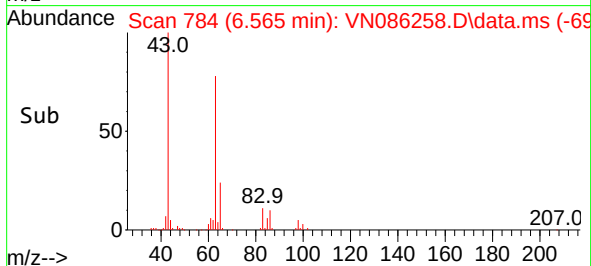
Instrument :
MSVOA_N
ClientSampleId :
VN0414WBS01



Tgt Ion: 63 Resp: 112578
Ion Ratio Lower Upper
63 100
98 7.0 3.1 9.3
100 3.8 2.3 6.9

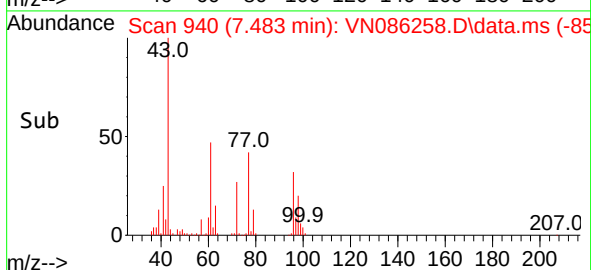
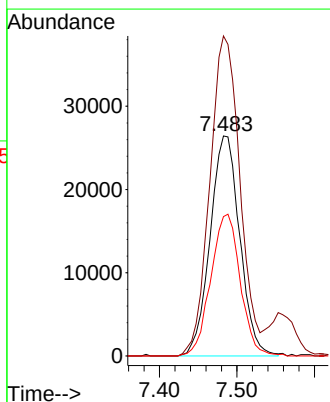
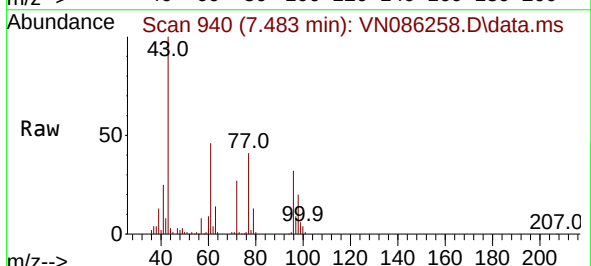
Manual Integrations
APPROVED

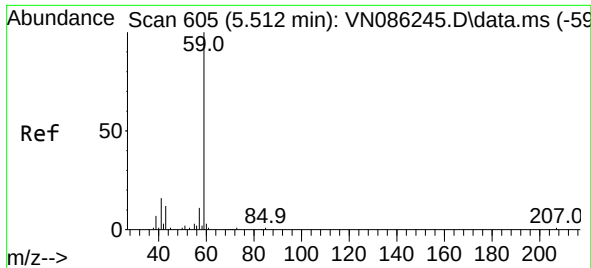
Reviewed By :John Carlone 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025



#22
cis-1,2-Dichloroethene
Concen: 19.971 ug/l
RT: 7.483 min Scan# 940
Delta R.T. -0.006 min
Lab File: VN086258.D
Acq: 14 Apr 2025 10:30

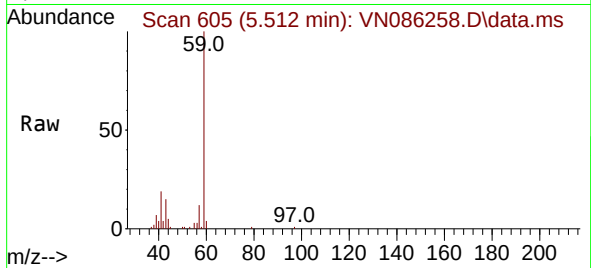
Tgt Ion: 96 Resp: 70370
Ion Ratio Lower Upper
96 100
61 147.2 119.5 179.3
98 64.0 51.0 76.6





#23
tert-Butyl Alcohol
Concen: 98.460 ug/l
RT: 5.512 min Scan# 605
Delta R.T. -0.000 min
Lab File: VN086258.D
Acq: 14 Apr 2025 10:30

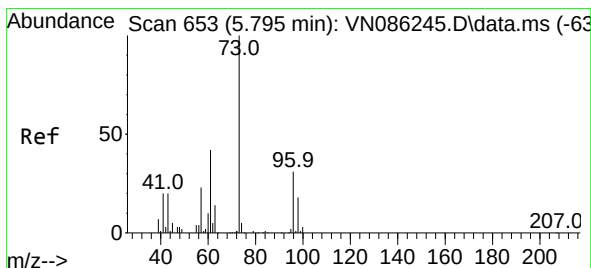
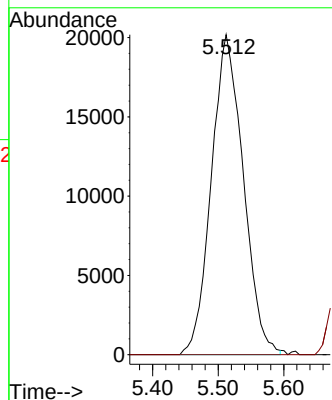
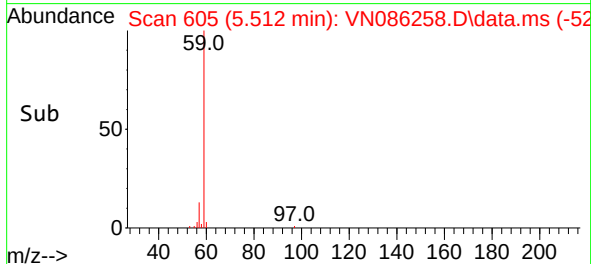
Instrument :
MSVOA_N
ClientSampleId :
VN0414WBS01



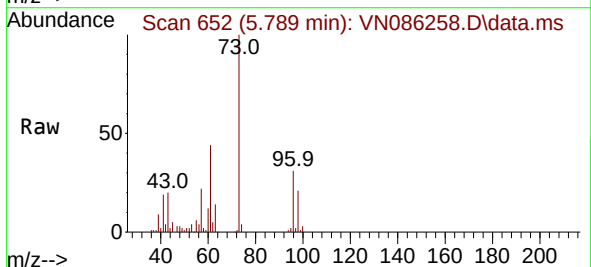
Tgt Ion: 59 Resp: 68299
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

Manual Integrations
APPROVED

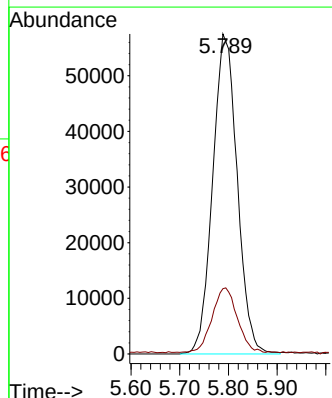
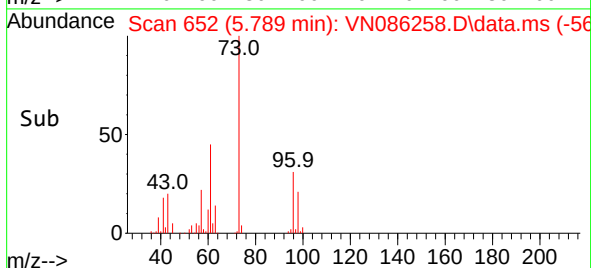
Reviewed By :John Carlone 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025

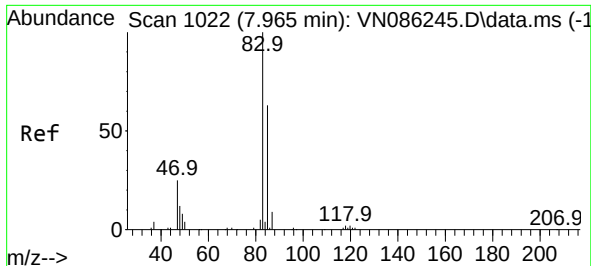


#24
Methyl tert-Butyl Ether
Concen: 19.867 ug/l
RT: 5.789 min Scan# 652
Delta R.T. -0.006 min
Lab File: VN086258.D
Acq: 14 Apr 2025 10:30



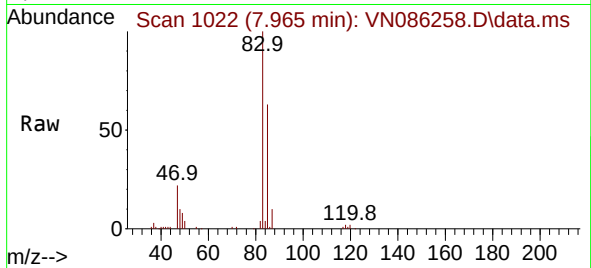
Tgt Ion: 73 Resp: 201333
Ion Ratio Lower Upper
73 100
43 20.4 16.8 25.2





#25
Chloroform
Concen: 20.358 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. -0.000 min
Lab File: VN086258.D
Acq: 14 Apr 2025 10:30

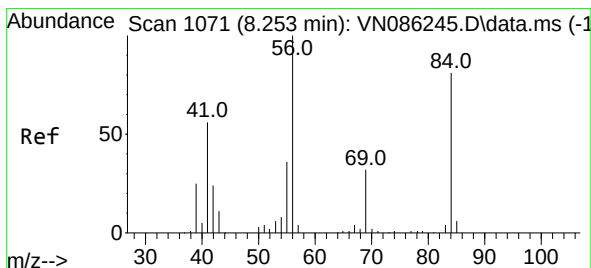
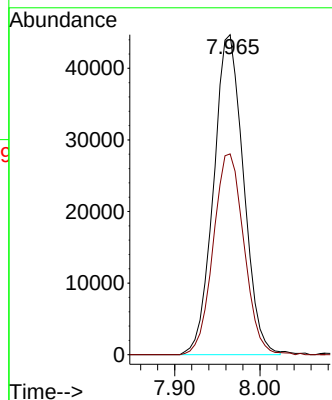
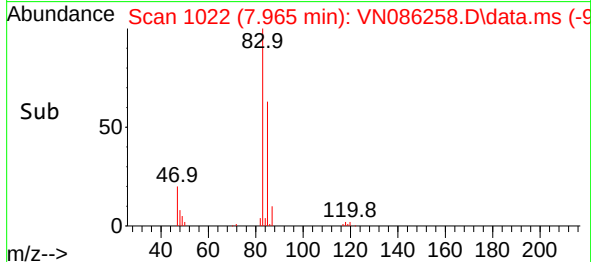
Instrument :
MSVOA_N
ClientSampleId :
VN0414WBS01



Tgt Ion: 83 Resp: 108985
Ion Ratio Lower Upper
83 100
85 62.7 50.5 75.7

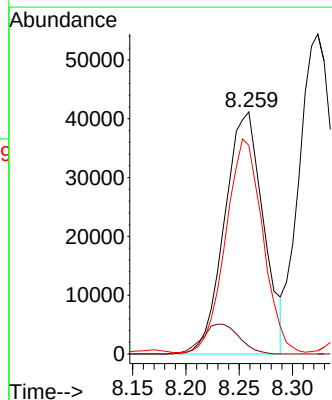
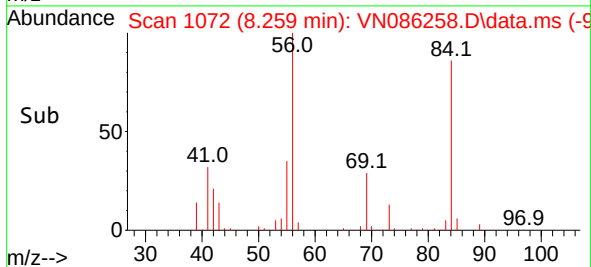
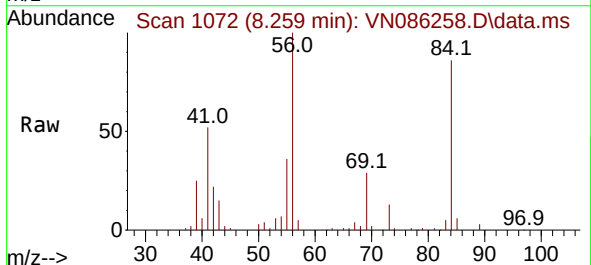
Manual Integrations
APPROVED

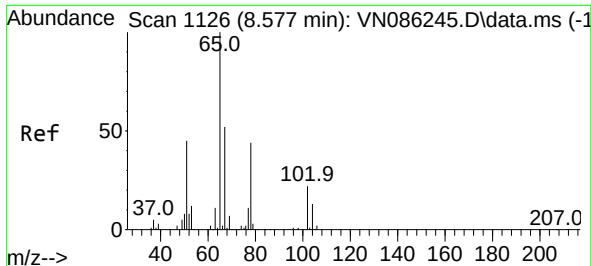
Reviewed By :John Carlone 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025



#26
Cyclohexane
Concen: 19.857 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. 0.006 min
Lab File: VN086258.D
Acq: 14 Apr 2025 10:30

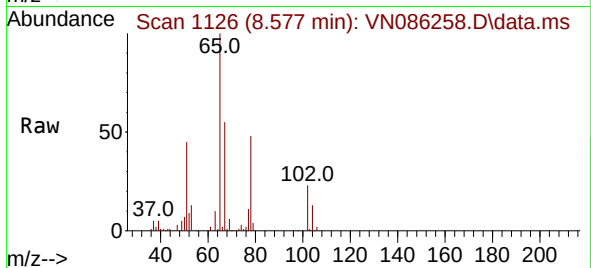
Tgt Ion: 56 Resp: 104294
Ion Ratio Lower Upper
56 100
89 11.8 0.0 0.0#
84 85.5 69.0 103.4





#27
1,2-Dichloroethane-d4
Concen: 30.001 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN086258.D
Acq: 14 Apr 2025 10:30

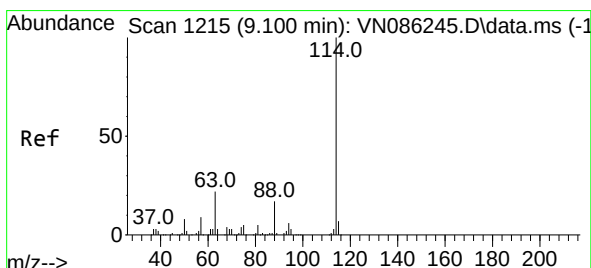
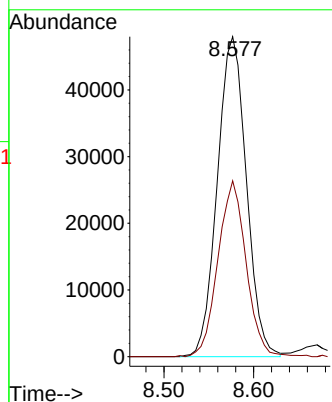
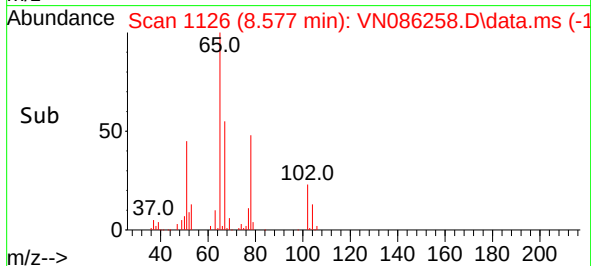
Instrument :
MSVOA_N
ClientSampleId :
VN0414WBS01



Tgt Ion: 65 Resp: 107914
Ion Ratio Lower Upper
65 100
67 53.2 43.4 65.2

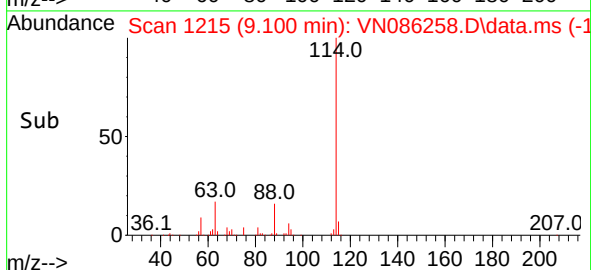
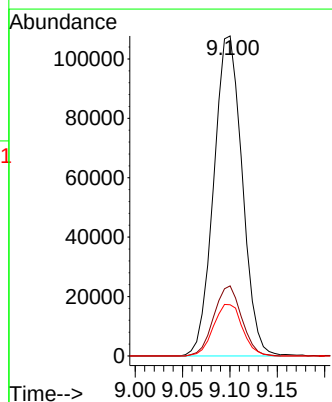
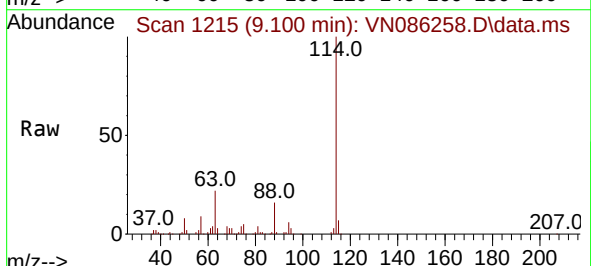
Manual Integrations
APPROVED

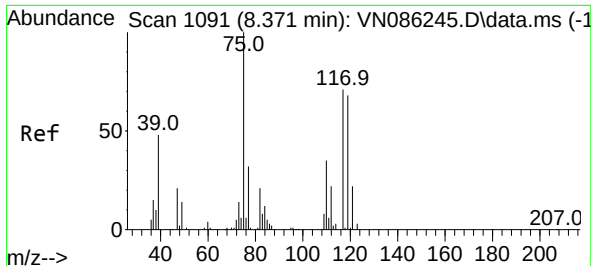
Reviewed By :John Carlone 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. -0.000 min
Lab File: VN086258.D
Acq: 14 Apr 2025 10:30

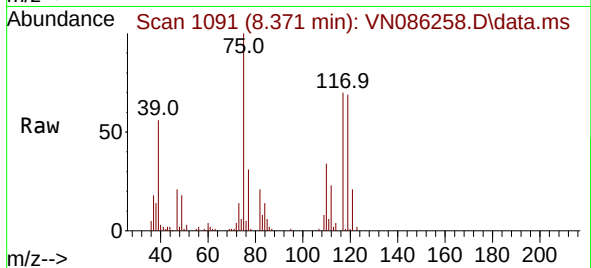
Tgt Ion:114 Resp: 225158
Ion Ratio Lower Upper
114 100
63 21.4 17.8 26.6
88 16.4 13.4 20.2





#29
1,1-Dichloropropene
Concen: 19.635 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.000 min
Lab File: VN086258.D
Acq: 14 Apr 2025 10:30

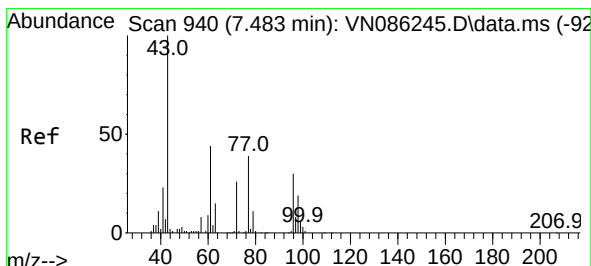
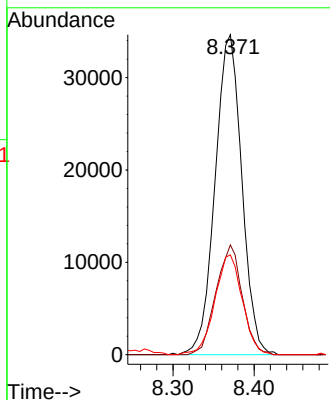
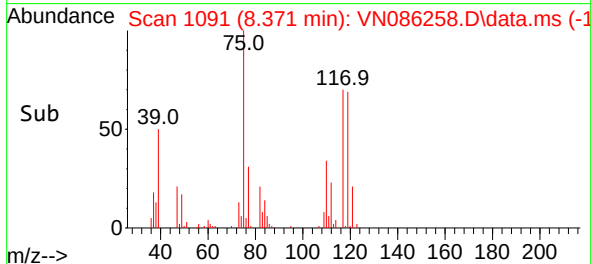
Instrument :
MSVOA_N
ClientSampleId :
VN0414WBS01



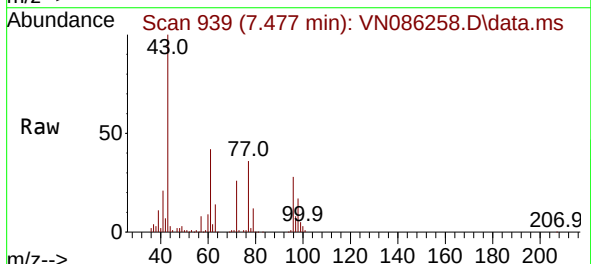
Tgt Ion: 75 Resp: 79190
Ion Ratio Lower Upper
75 100
110 33.7 0.0 68.6
77 32.1 0.0 63.8

Manual Integrations
APPROVED

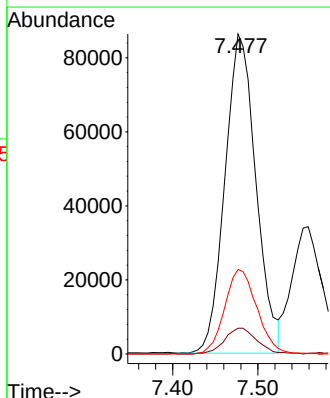
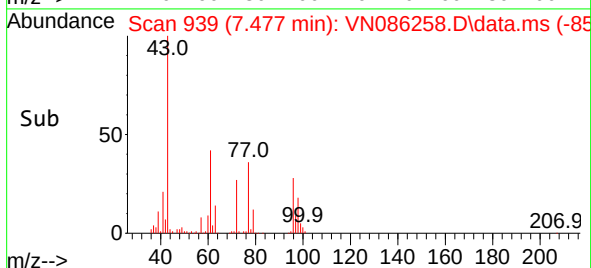
Reviewed By :John Carlone 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025

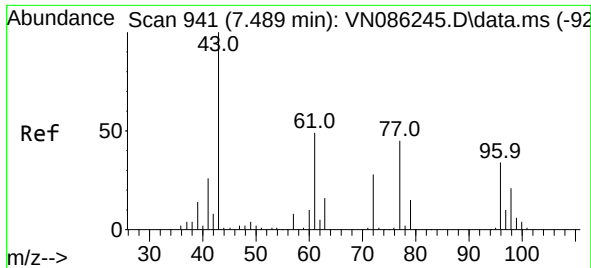


#30
2-Butanone
Concen: 97.644 ug/l
RT: 7.477 min Scan# 939
Delta R.T. -0.006 min
Lab File: VN086258.D
Acq: 14 Apr 2025 10:30



Tgt Ion: 43 Resp: 218235
Ion Ratio Lower Upper
43 100
57 8.5 6.4 9.6
72 27.5 21.5 32.3





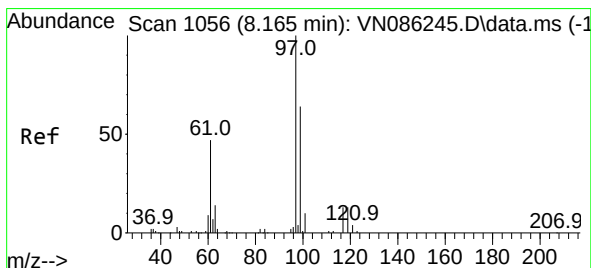
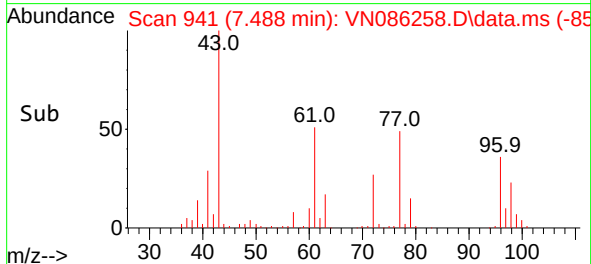
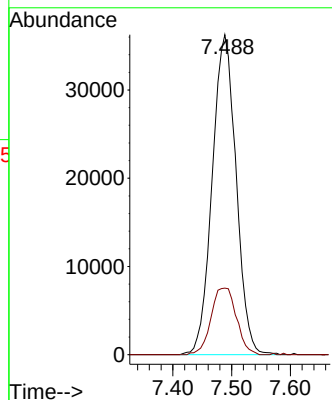
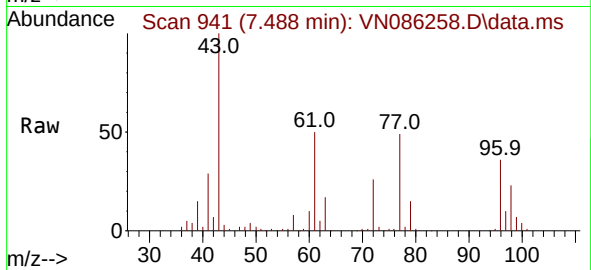
#31
2,2-Dichloropropane
Concen: 20.651 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.000 min
Lab File: VN086258.D
Acq: 14 Apr 2025 10:30

Instrument :
MSVOA_N
ClientSampleId :
VN0414WBS01

Tgt Ion: 77 Resp: 10253
Ion Ratio Lower Upper
77 100
97 22.1 18.8 28.2

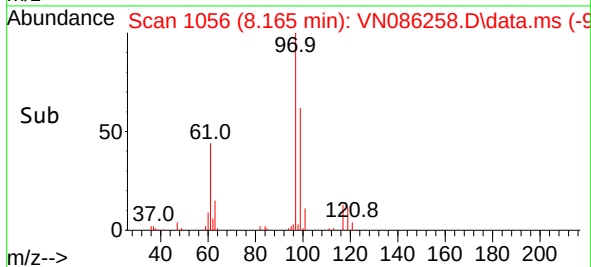
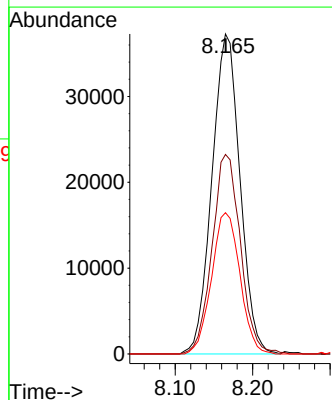
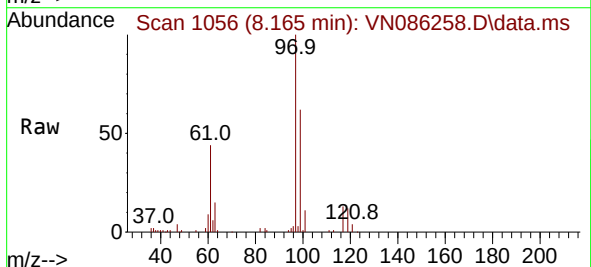
Manual Integrations
APPROVED

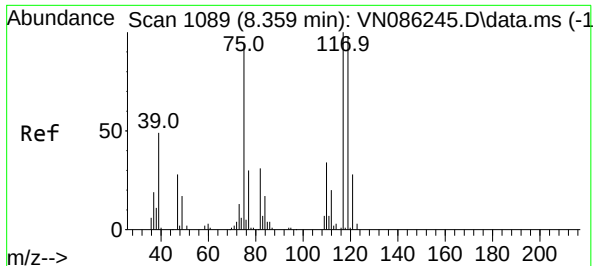
Reviewed By :John Carlone 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025



#32
1,1,1-Trichloroethane
Concen: 20.218 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN086258.D
Acq: 14 Apr 2025 10:30

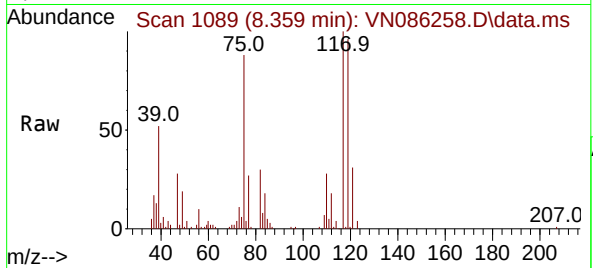
Tgt Ion: 97 Resp: 93805
Ion Ratio Lower Upper
97 100
99 63.0 51.4 77.2
61 44.7 37.0 55.6





#33
Carbon Tetrachloride
Concen: 20.613 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VN086258.D
Acq: 14 Apr 2025 10:30

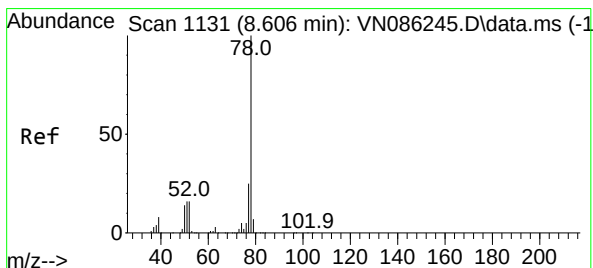
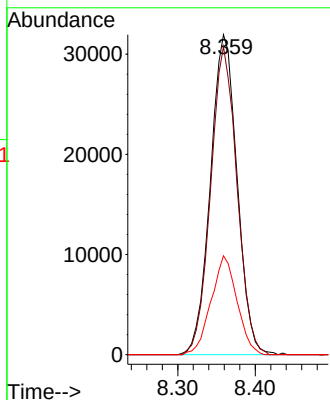
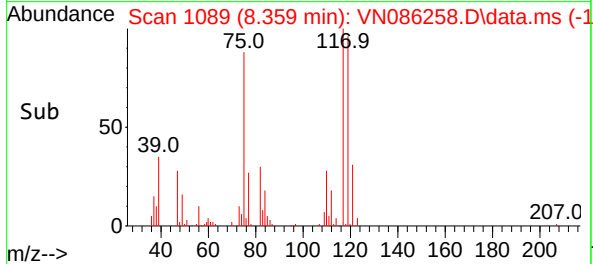
Instrument :
MSVOA_N
ClientSampleId :
VN0414WBS01



Tgt Ion: 117 Resp: 7643
Ion Ratio Lower Upper
117 100
119 96.3 78.3 117.5
121 30.9 22.5 33.7

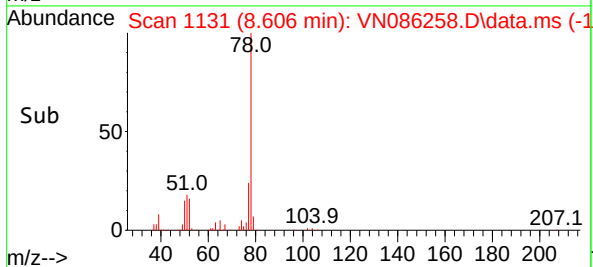
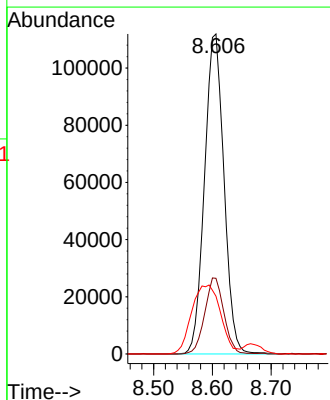
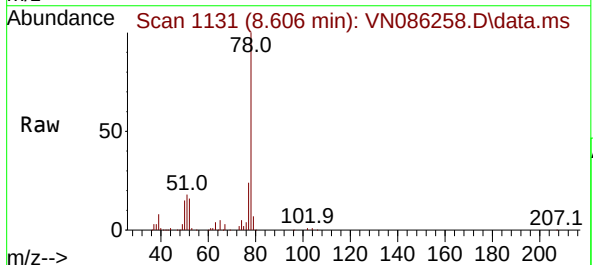
Manual Integrations
APPROVED

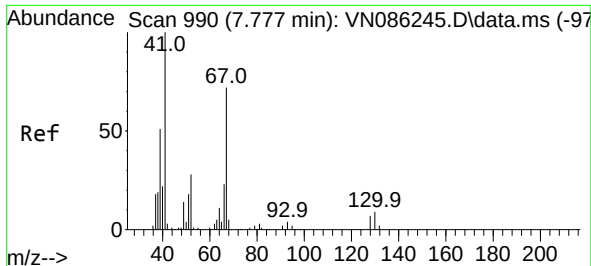
Reviewed By :John Carlone 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025



#34
Benzene
Concen: 20.013 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VN086258.D
Acq: 14 Apr 2025 10:30

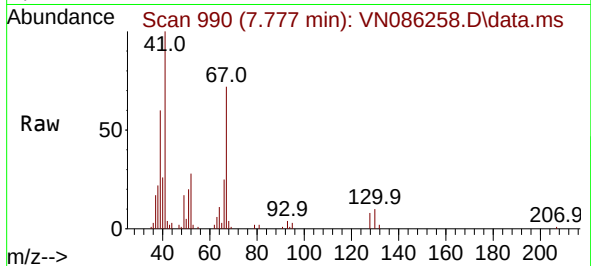
Tgt Ion: 78 Resp: 256807
Ion Ratio Lower Upper
78 100
77 23.7 20.0 30.0
51 18.0 12.9 19.3





#35
Methacrylonitrile
Concen: 19.094 ug/l
RT: 7.777 min Scan# 990
Delta R.T. -0.000 min
Lab File: VN086258.D
Acq: 14 Apr 2025 10:30

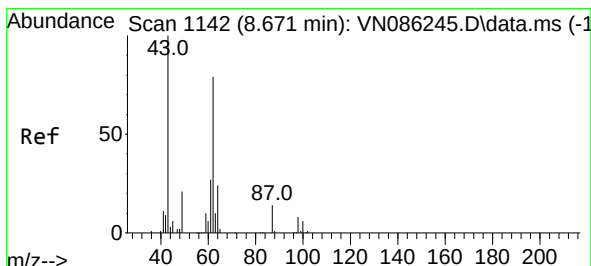
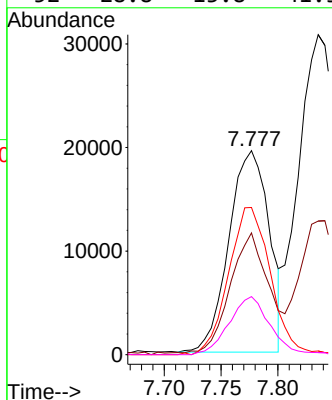
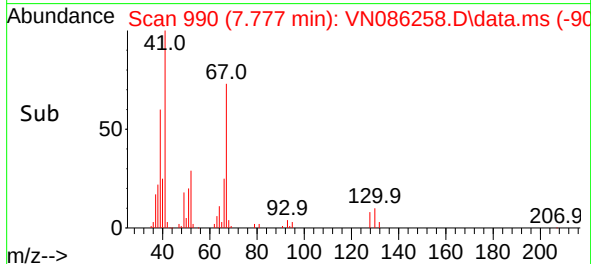
Instrument :
MSVOA_N
ClientSampleId :
VN0414WBS01



Tgt Ion: 41 Resp: 48109
Ion Ratio Lower Upper
41 100
39 59.4 25.8 77.3
67 73.0 36.0 108.0
52 28.8 13.8 41.3

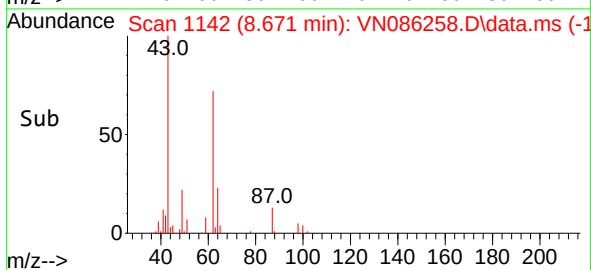
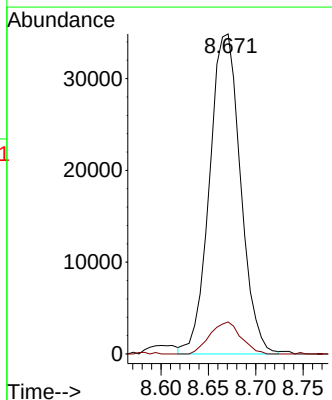
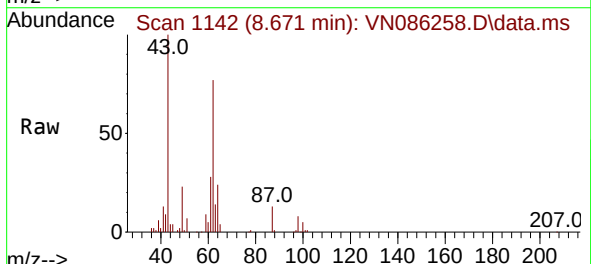
Manual Integrations
APPROVED

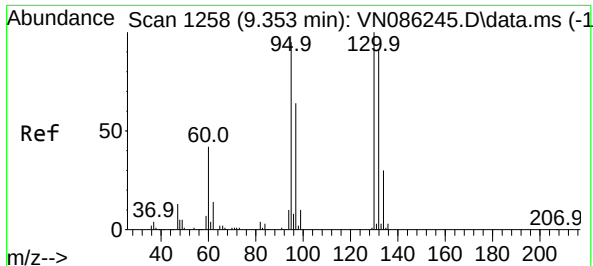
Reviewed By :John Carlone 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025



#36
1,2-Dichloroethane
Concen: 19.785 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN086258.D
Acq: 14 Apr 2025 10:30

Tgt Ion: 62 Resp: 79447
Ion Ratio Lower Upper
62 100
98 10.0 8.6 12.8





#37

Trichloroethene

Concen: 19.758 ug/l

RT: 9.347 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN086258.D

Acq: 14 Apr 2025 10:30

Instrument :

MSVOA_N

ClientSampleId :

VN0414WBS01

Tgt Ion:130 Resp: 6117

Ion Ratio Lower Upper

130 100

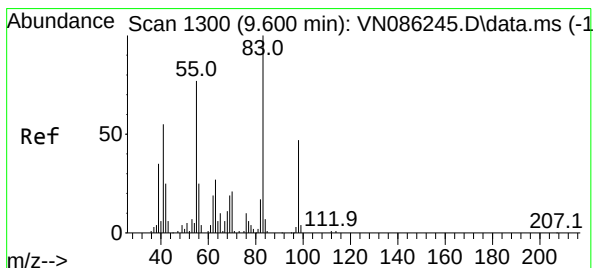
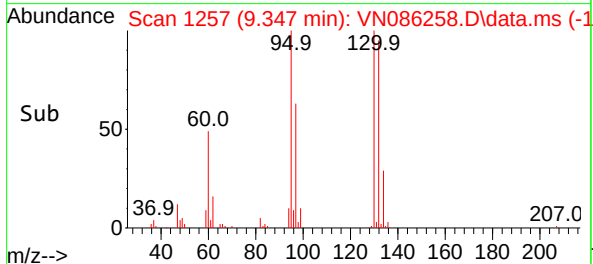
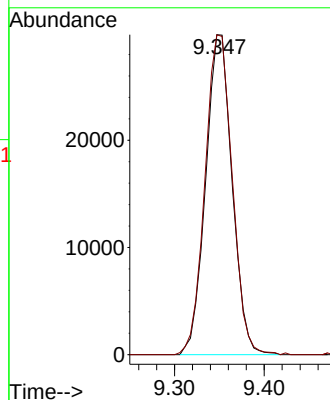
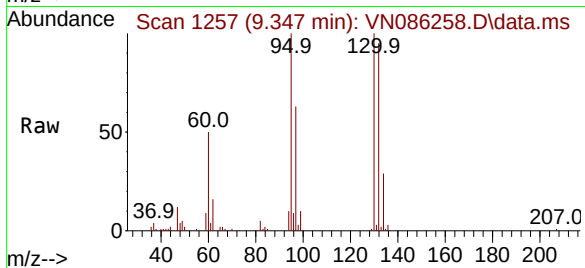
95 100.0 76.4 114.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/16/2025

Supervised By :Semsettin Yesilyurt 04/16/2025



#38

Methylcyclohexane

Concen: 19.899 ug/l

RT: 9.600 min Scan# 1300

Delta R.T. -0.000 min

Lab File: VN086258.D

Acq: 14 Apr 2025 10:30

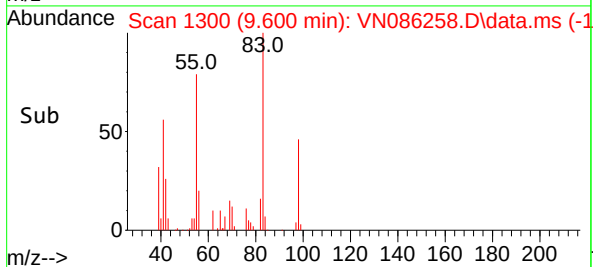
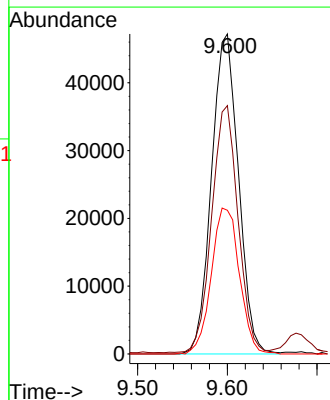
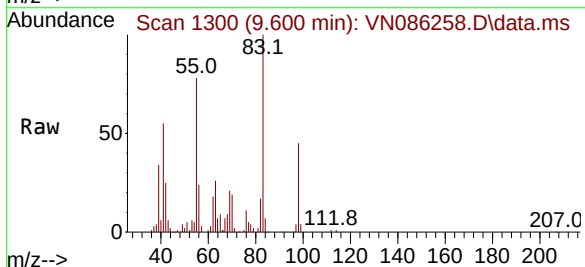
Tgt Ion: 83 Resp: 98435

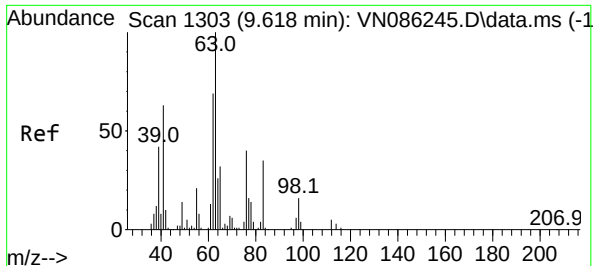
Ion Ratio Lower Upper

83 100

55 75.3 38.5 115.5

98 47.5 24.4 73.2





#39

1,2-Dichloropropane

Concen: 20.160 ug/l

RT: 9.618 min Scan# 1303

Delta R.T. -0.000 min

Lab File: VN086258.D

Acq: 14 Apr 2025 10:30

Instrument :

MSVOA_N

ClientSampleId :

VN0414WBS01

Tgt Ion: 63 Resp: 64370

Ion Ratio Lower Upper

63 100

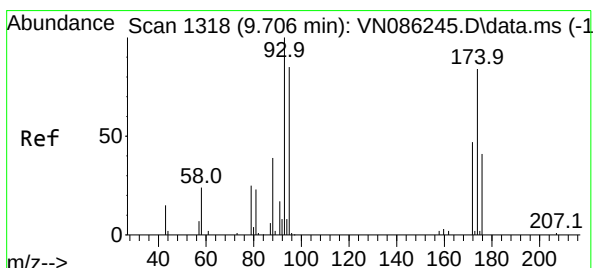
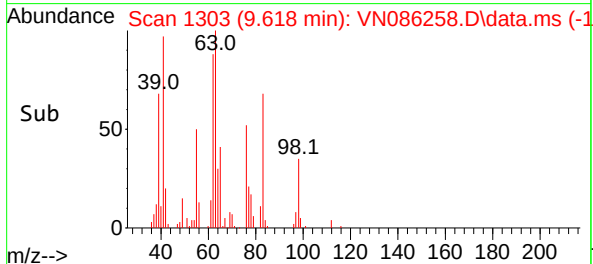
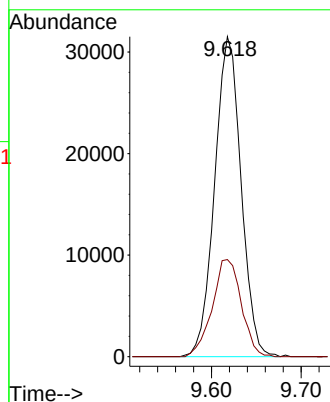
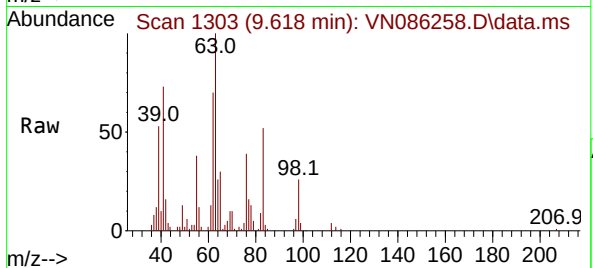
65 30.4 26.0 39.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/16/2025

Supervised By :Semsettin Yesilyurt 04/16/2025



#40

Dibromomethane

Concen: 19.309 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. -0.000 min

Lab File: VN086258.D

Acq: 14 Apr 2025 10:30

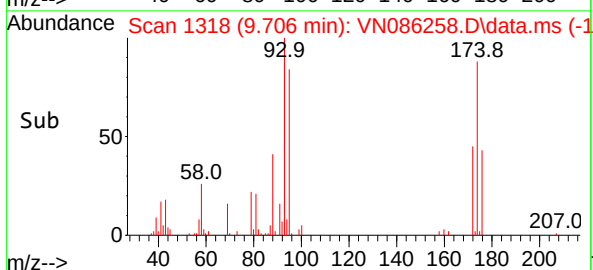
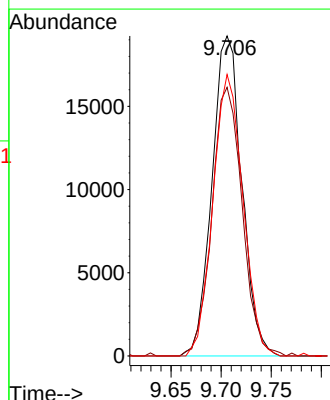
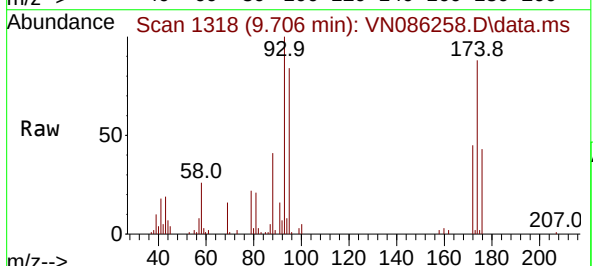
Tgt Ion: 93 Resp: 39821

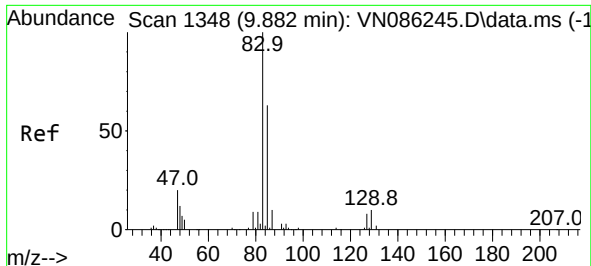
Ion Ratio Lower Upper

93 100

95 85.0 0.0 169.0

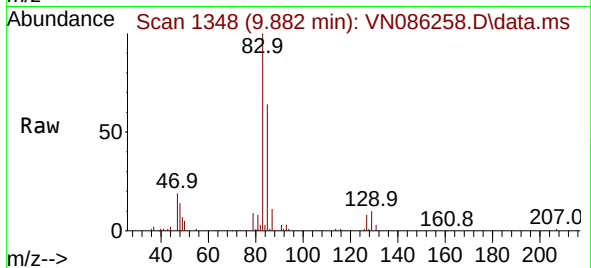
174 88.5 0.0 168.0





#41
Bromodichloromethane
Concen: 19.839 ug/l
RT: 9.882 min Scan# 1348
Delta R.T. -0.000 min
Lab File: VN086258.D
Acq: 14 Apr 2025 10:30

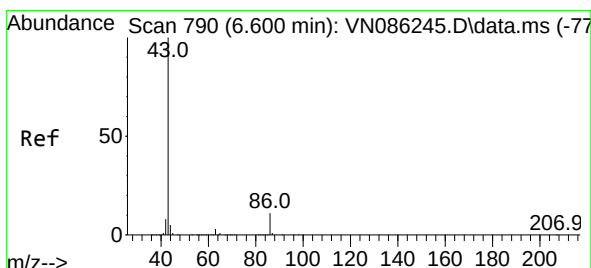
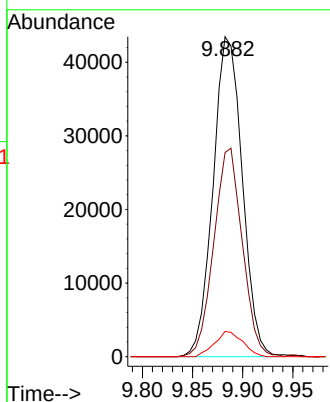
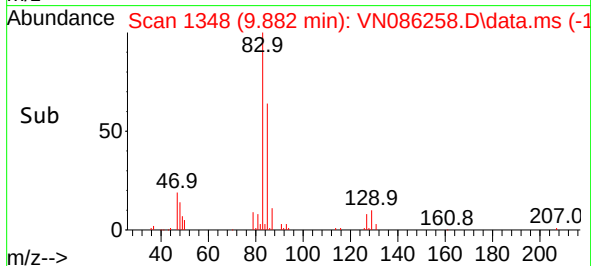
Instrument :
MSVOA_N
ClientSampleId :
VN0414WBS01



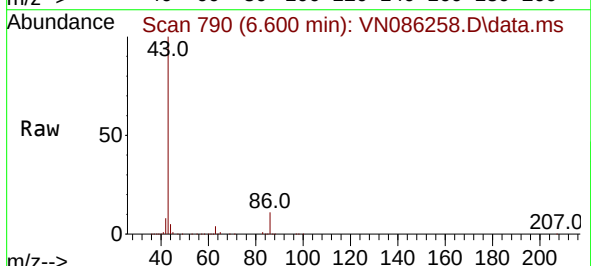
Tgt Ion: 83 Resp: 8789
Ion Ratio Lower Upper
83 100
85 63.8 50.2 75.2
127 7.9 6.2 9.4

Manual Integrations
APPROVED

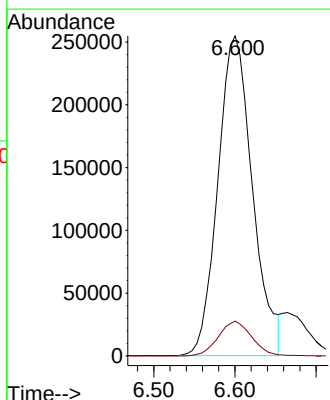
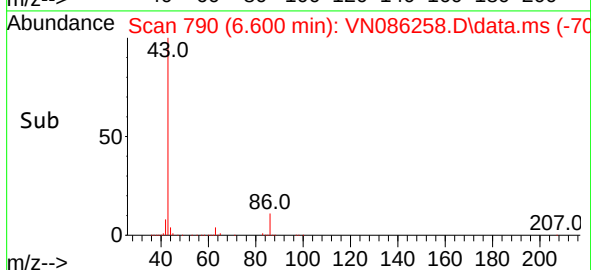
Reviewed By :John Carlone 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025

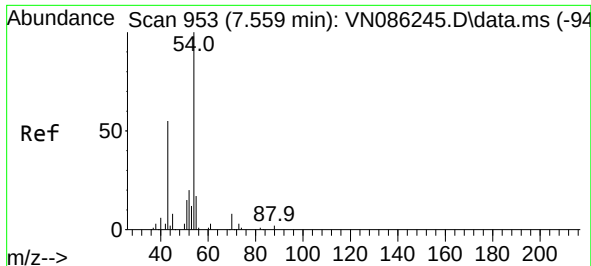


#42
Vinyl Acetate
Concen: 99.130 ug/l
RT: 6.600 min Scan# 790
Delta R.T. -0.000 min
Lab File: VN086258.D
Acq: 14 Apr 2025 10:30



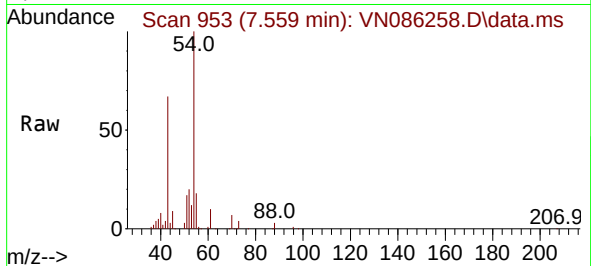
Tgt Ion: 43 Resp: 754169
Ion Ratio Lower Upper
43 100
86 10.5 8.4 12.6





#43
Ethyl Acetate
Concen: 18.816 ug/l
RT: 7.559 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN086258.D
Acq: 14 Apr 2025 10:30

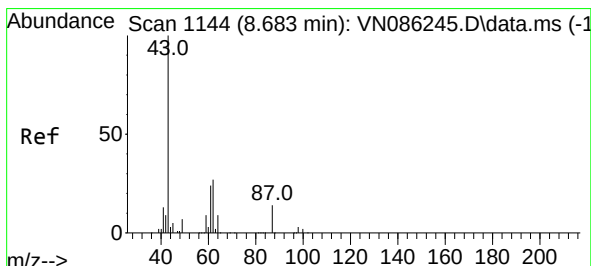
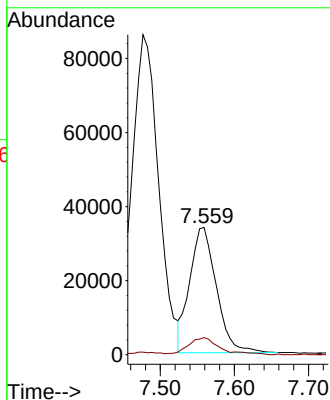
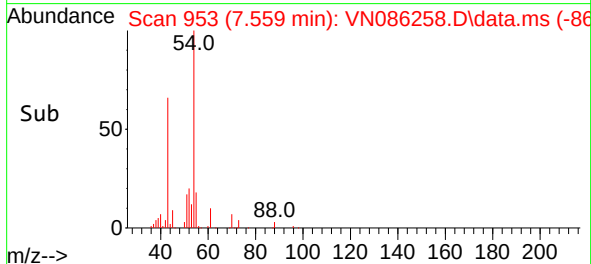
Instrument :
MSVOA_N
ClientSampleId :
VN0414WBS01



Tgt Ion: 43 Resp: 84824
Ion Ratio Lower Upper
43 100
45 14.3 11.2 16.8

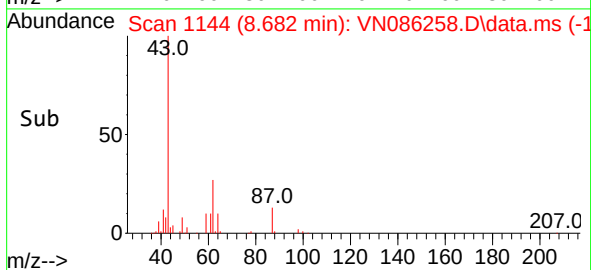
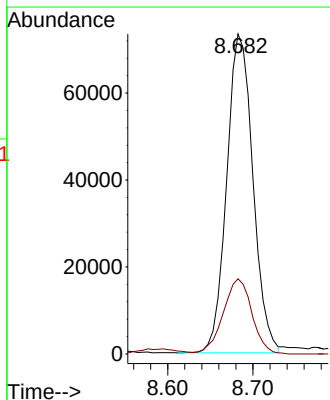
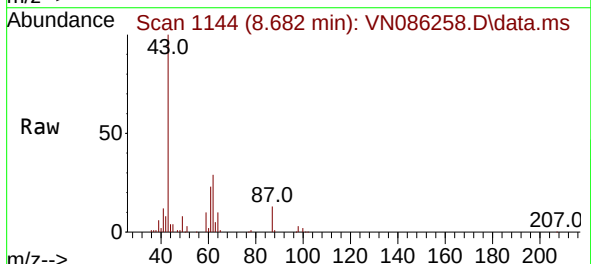
Manual Integrations
APPROVED

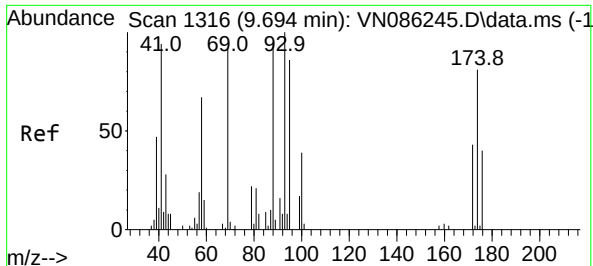
Reviewed By :John Carlone 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025



#44
Isopropyl Acetate
Concen: 18.769 ug/l
RT: 8.682 min Scan# 1144
Delta R.T. -0.000 min
Lab File: VN086258.D
Acq: 14 Apr 2025 10:30

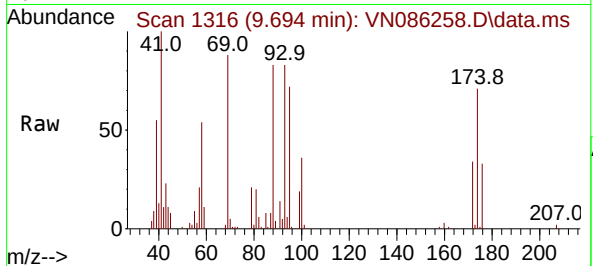
Tgt Ion: 43 Resp: 156967
Ion Ratio Lower Upper
43 100
61 25.8 20.5 30.7





#45
1,4-Dioxane
Concen: 407.987 ug/l
RT: 9.694 min Scan# 1316
Delta R.T. -0.000 min
Lab File: VN086258.D
Acq: 14 Apr 2025 10:30

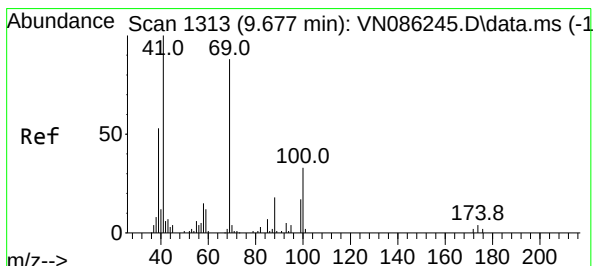
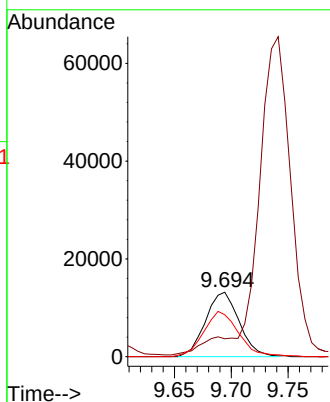
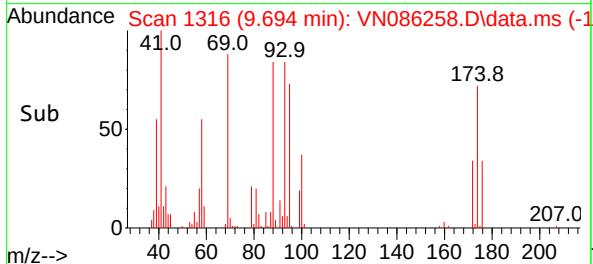
Instrument :
MSVOA_N
ClientSampleId :
VN0414WBS01



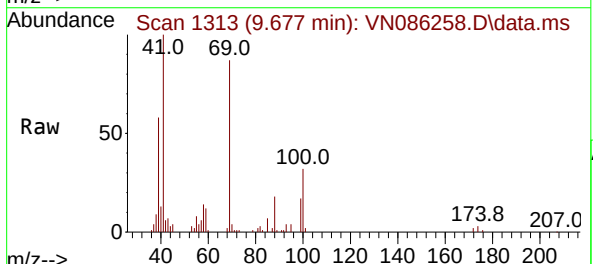
Tgt Ion: 88 Resp: 27132
Ion Ratio Lower Upper
88 100
43 30.0 14.4 21.6
58 73.3 59.8 89.8

Manual Integrations
APPROVED

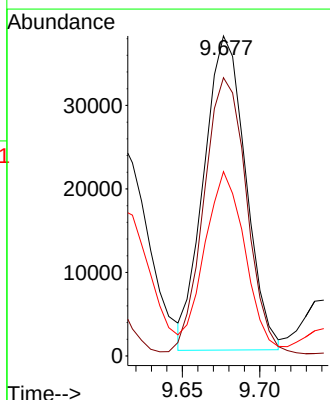
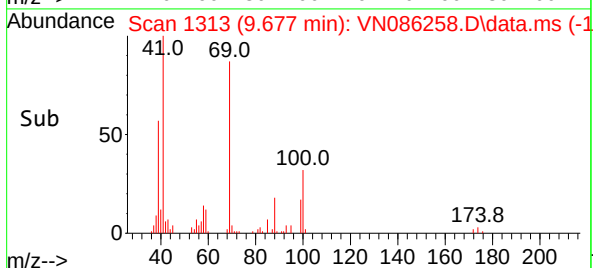
Reviewed By :John Carlone 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025

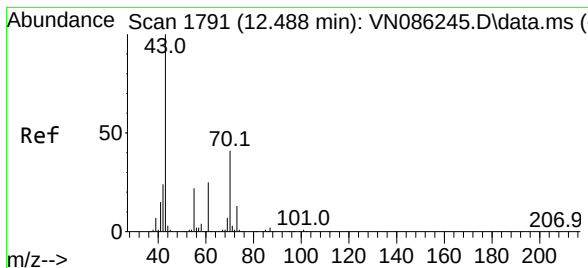


#46
Methyl methacrylate
Concen: 19.104 ug/l
RT: 9.677 min Scan# 1313
Delta R.T. -0.000 min
Lab File: VN086258.D
Acq: 14 Apr 2025 10:30



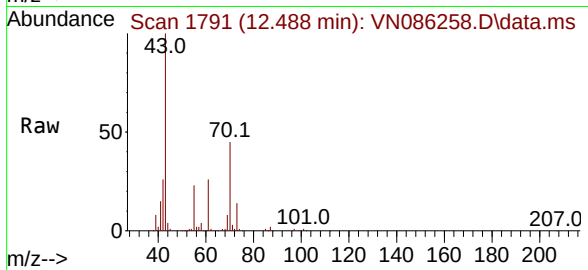
Tgt Ion: 41 Resp: 70397
Ion Ratio Lower Upper
41 100
69 88.5 43.2 129.6
39 57.5 26.4 79.0





#47
n-amy1 Acetate
Concen: 18.861 ug/l
RT: 12.488 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086258.D
Acq: 14 Apr 2025 10:30

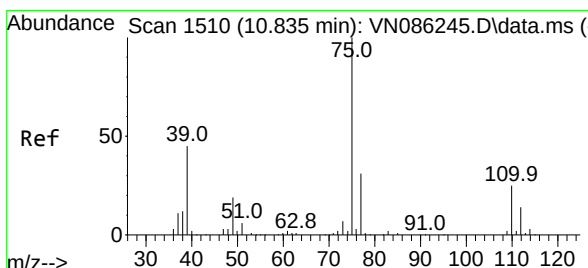
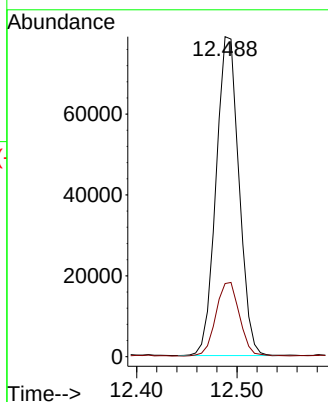
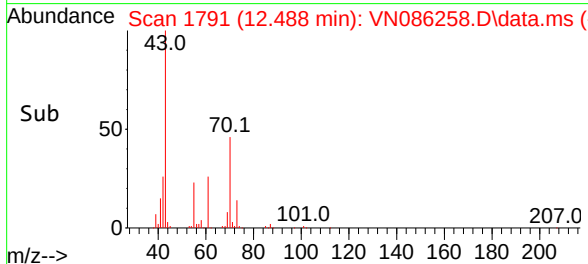
Instrument :
MSVOA_N
ClientSampleId :
VN0414WBS01



Tgt Ion: 43 Resp: 125064
Ion Ratio Lower Upper
43 100
55 23.7 19.0 28.4

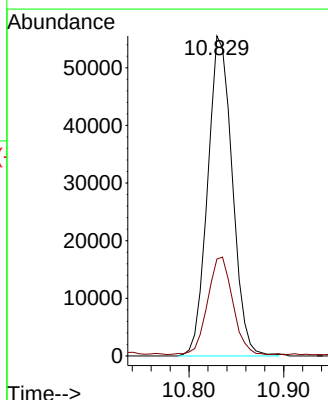
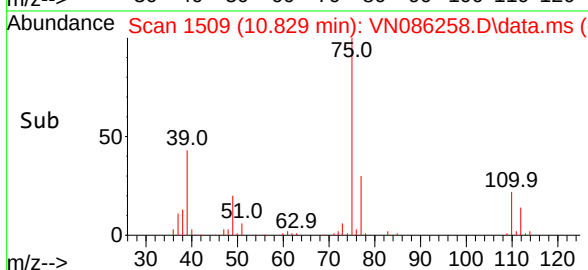
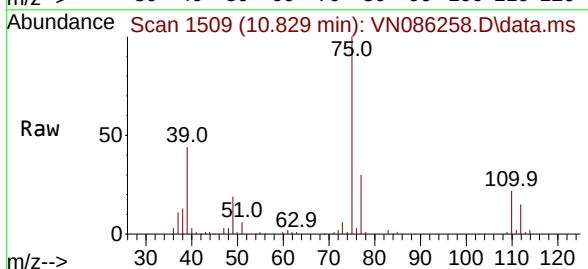
Manual Integrations
APPROVED

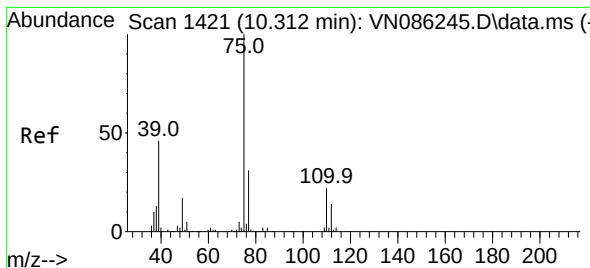
Reviewed By :John Carlone 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025



#48
t-1,3-Dichloropropene
Concen: 20.045 ug/l
RT: 10.829 min Scan# 1509
Delta R.T. -0.006 min
Lab File: VN086258.D
Acq: 14 Apr 2025 10:30

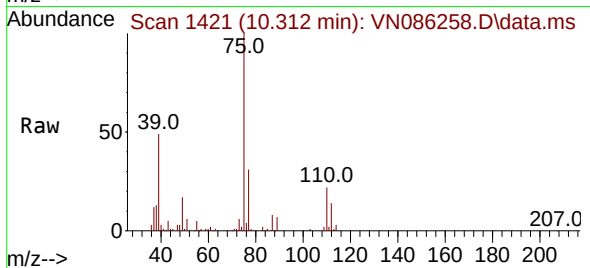
Tgt Ion: 75 Resp: 100398
Ion Ratio Lower Upper
75 100
77 29.6 25.1 37.7





#49
 cis-1,3-Dichloropropene
 Concen: 20.080 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. -0.000 min
 Lab File: VN086258.D
 Acq: 14 Apr 2025 10:30

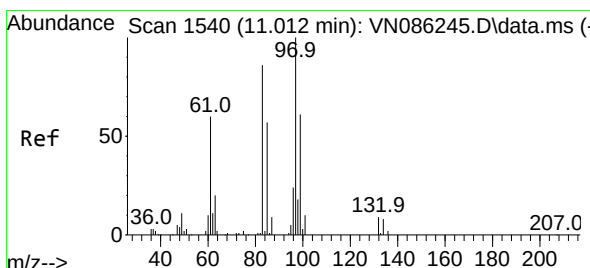
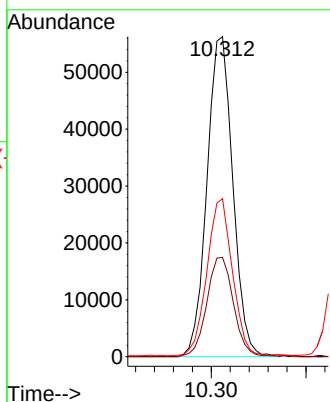
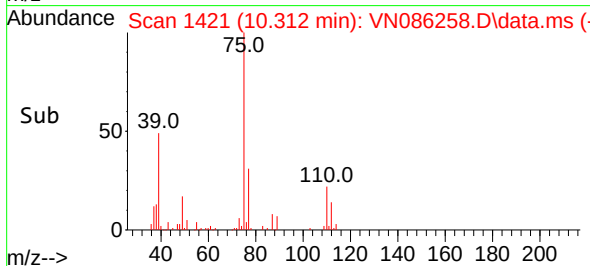
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0414WBS01



Tgt Ion: 75 Resp: 10644
 Ion Ratio Lower Upper
 75 100
 77 31.0 25.0 37.4
 39 49.0 36.7 55.1

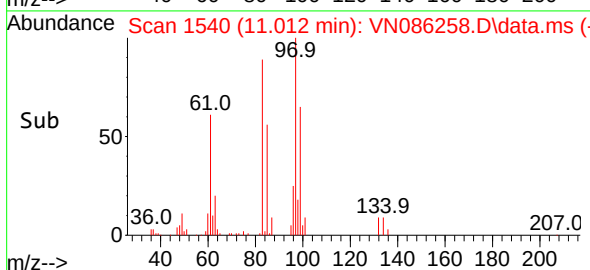
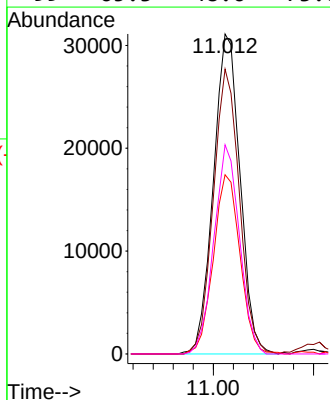
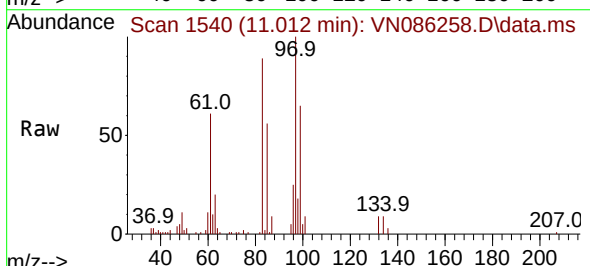
Manual Integrations
 APPROVED

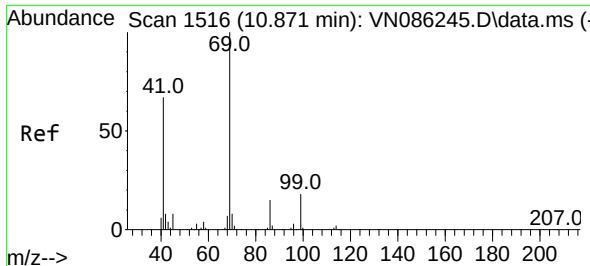
Reviewed By :John Carlone 04/16/2025
 Supervised By :Semsettin Yesilyurt 04/16/2025



#50
 1,1,2-Trichloroethane
 Concen: 19.847 ug/l
 RT: 11.012 min Scan# 1540
 Delta R.T. -0.000 min
 Lab File: VN086258.D
 Acq: 14 Apr 2025 10:30

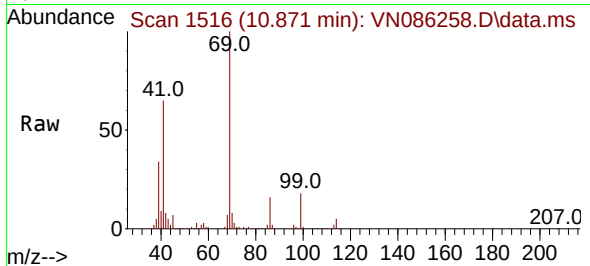
Tgt Ion: 97 Resp: 57405
 Ion Ratio Lower Upper
 97 100
 83 89.0 68.6 103.0
 85 56.0 45.9 68.9
 99 65.3 48.6 73.0





#51
Ethyl methacrylate
Concen: 19.966 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VN086258.D
Acq: 14 Apr 2025 10:30

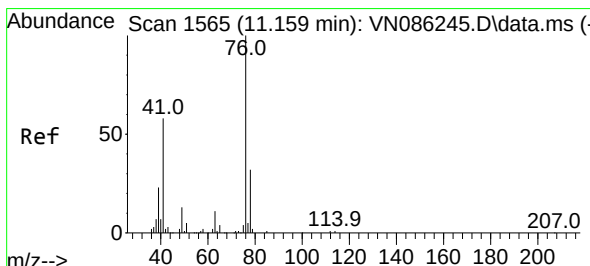
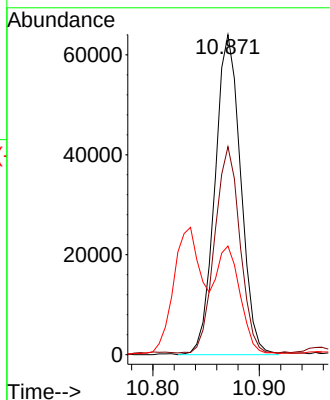
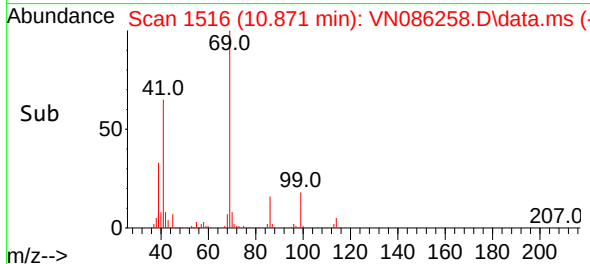
Instrument :
MSVOA_N
ClientSampleId :
VN0414WBS01



Tgt Ion: 69 Resp: 107320
Ion Ratio Lower Upper
69 100
41 64.4 33.6 100.6
39 33.5 17.8 53.4

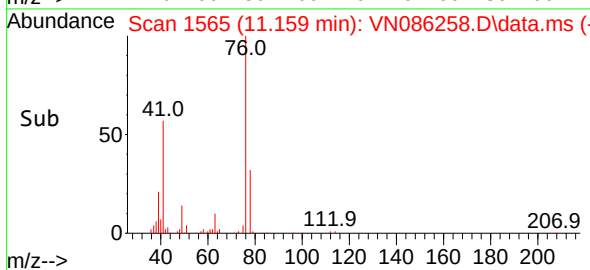
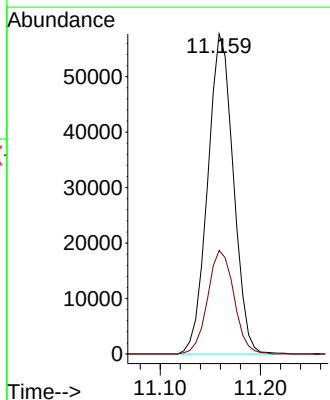
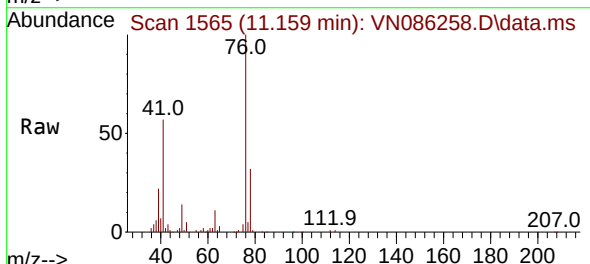
Manual Integrations
APPROVED

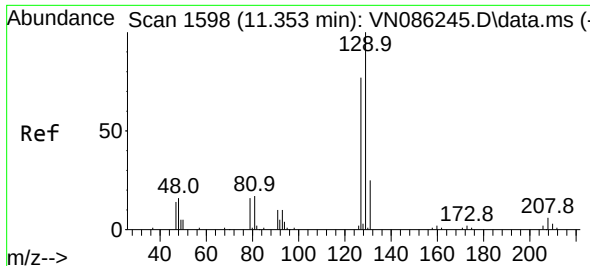
Reviewed By :John Carlone 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025



#52
1,3-Dichloropropane
Concen: 19.953 ug/l
RT: 11.159 min Scan# 1565
Delta R.T. -0.000 min
Lab File: VN086258.D
Acq: 14 Apr 2025 10:30

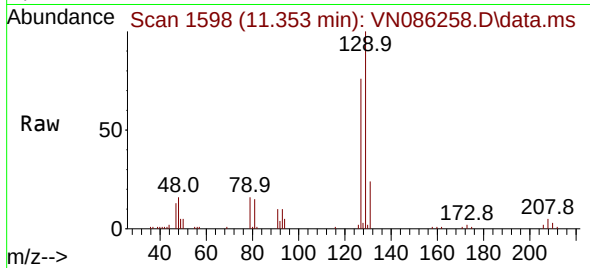
Tgt Ion: 76 Resp: 102866
Ion Ratio Lower Upper
76 100
78 33.1 0.0 64.6





#53
Dibromochloromethane
Concen: 20.125 ug/l
RT: 11.353 min Scan# 1598
Delta R.T. -0.000 min
Lab File: VN086258.D
Acq: 14 Apr 2025 10:30

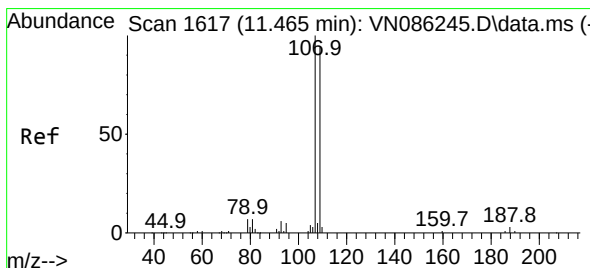
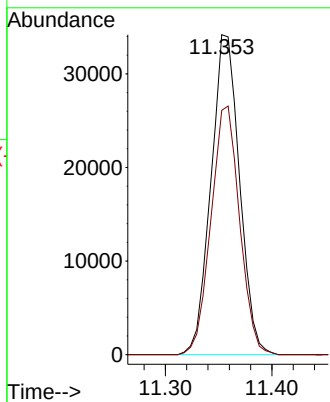
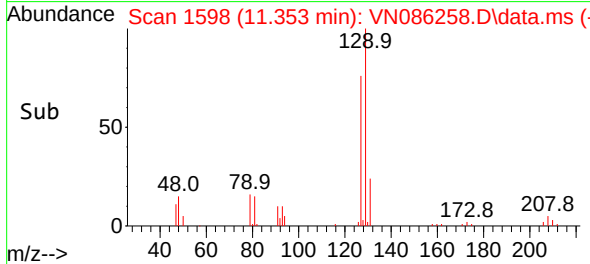
Instrument :
MSVOA_N
ClientSampleId :
VN0414WBS01



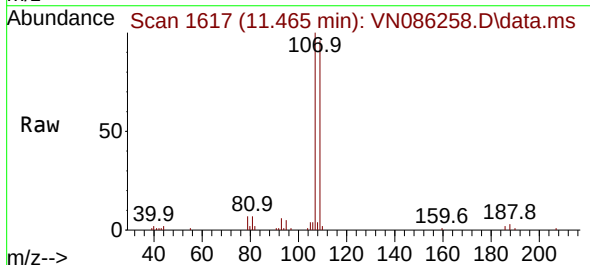
Tgt Ion:129 Resp: 63672
Ion Ratio Lower Upper
129 100
127 77.7 38.5 115.5

Manual Integrations
APPROVED

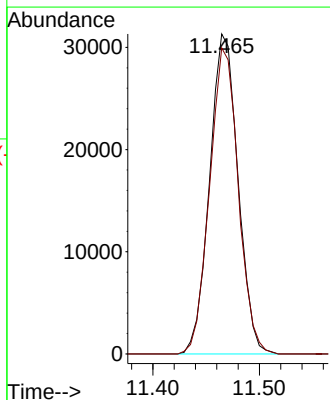
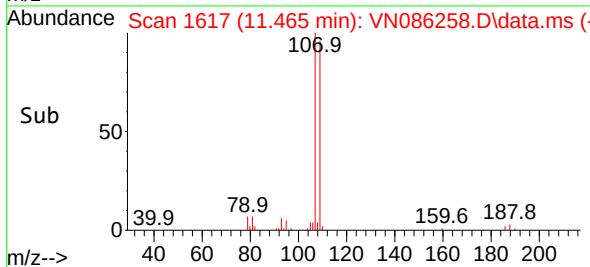
Reviewed By :John Carlone 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025

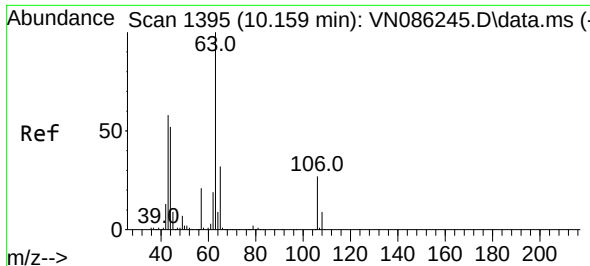


#54
1,2-Dibromoethane
Concen: 19.861 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VN086258.D
Acq: 14 Apr 2025 10:30



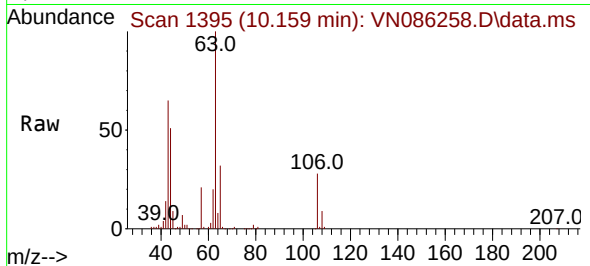
Tgt Ion:107 Resp: 57989
Ion Ratio Lower Upper
107 100
109 96.3 75.2 112.8





#55
2-Chloroethyl vinyl ether
Concen: 136.634 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VN086258.D
Acq: 14 Apr 2025 10:30

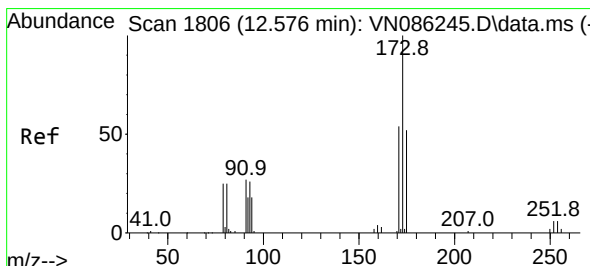
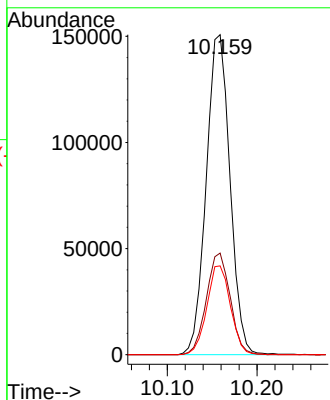
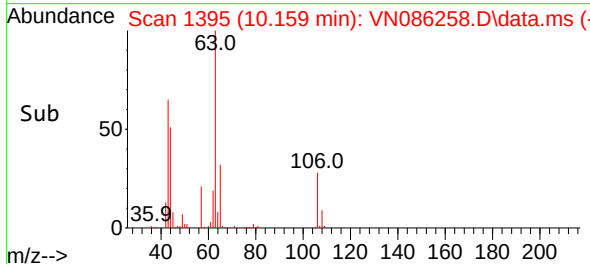
Instrument :
MSVOA_N
ClientSampleId :
VN0414WBS01



Tgt Ion: 63 Resp: 27751
Ion Ratio Lower Upper
63 100
65 31.8 25.8 38.8
106 27.6 21.8 32.8

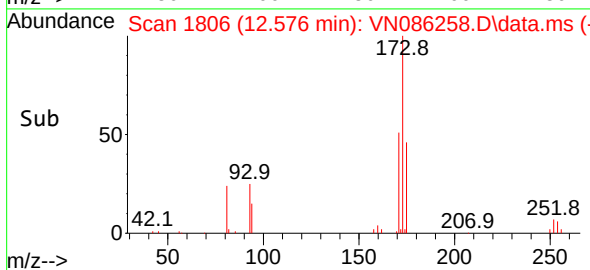
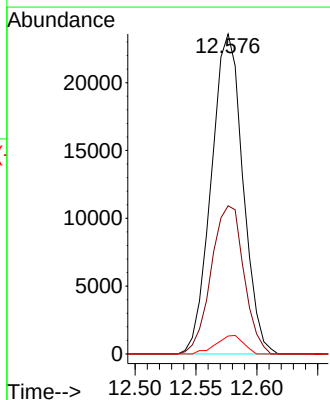
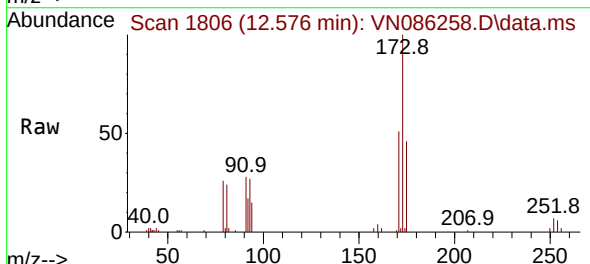
Manual Integrations
APPROVED

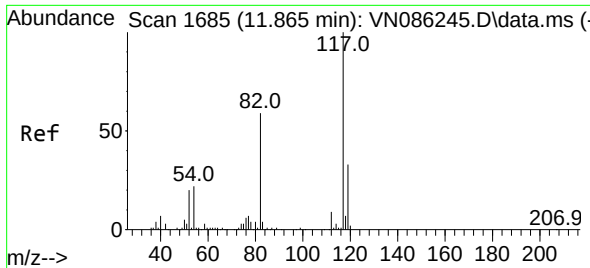
Reviewed By :John Carlone 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025



#56
Bromoform
Concen: 20.582 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VN086258.D
Acq: 14 Apr 2025 10:30

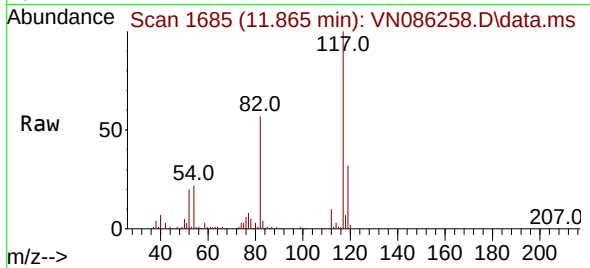
Tgt Ion:173 Resp: 42602
Ion Ratio Lower Upper
173 100
175 47.9 38.2 57.4
254 5.0 4.5 6.7





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN086258.D
Acq: 14 Apr 2025 10:30

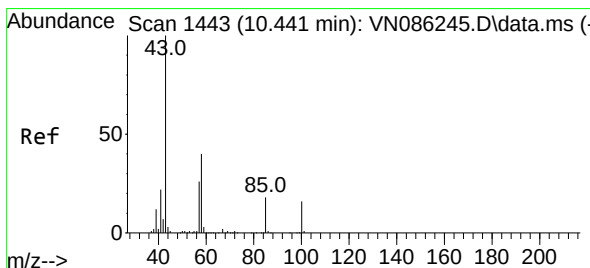
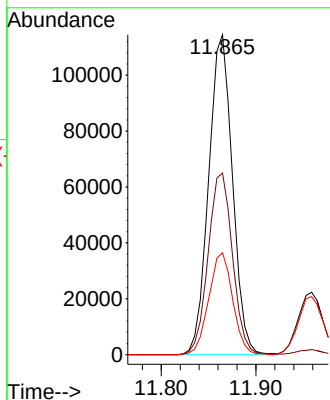
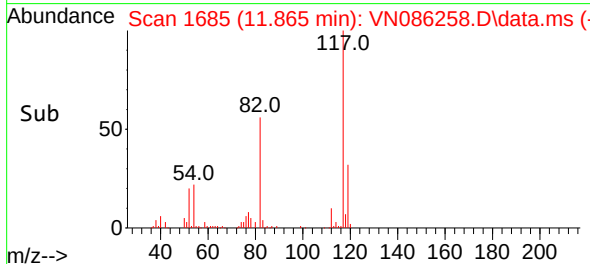
Instrument :
MSVOA_N
ClientSampleId :
VN0414WBS01



Tgt Ion: 117 Resp: 200395
Ion Ratio Lower Upper
117 100
82 58.2 47.3 70.9
119 32.0 25.9 38.9

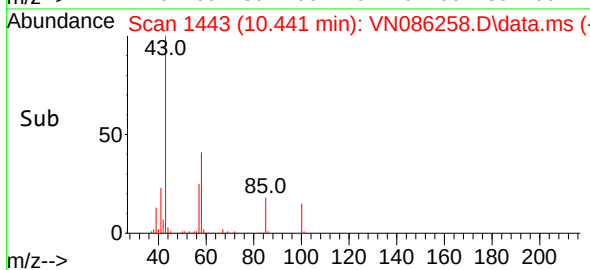
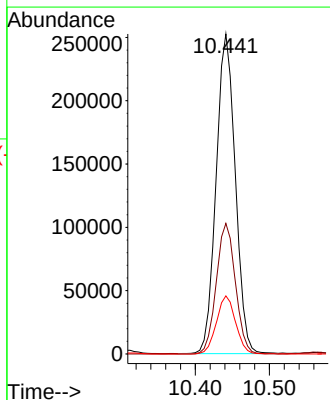
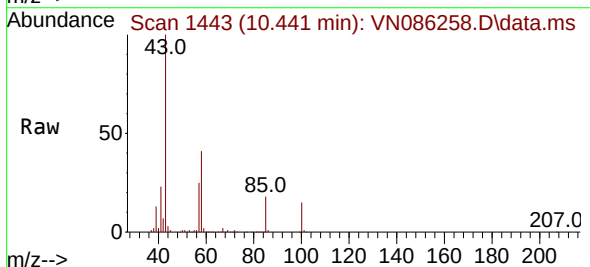
Manual Integrations
APPROVED

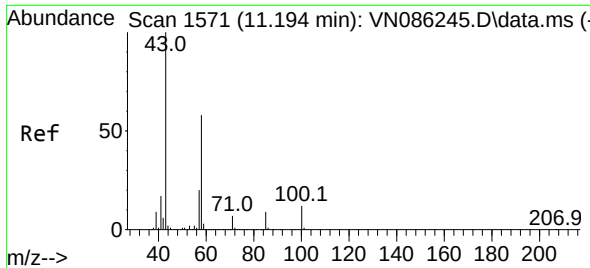
Reviewed By :John Carlone 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025



#58
4-Methyl-2-Pentanone
Concen: 99.716 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. -0.000 min
Lab File: VN086258.D
Acq: 14 Apr 2025 10:30

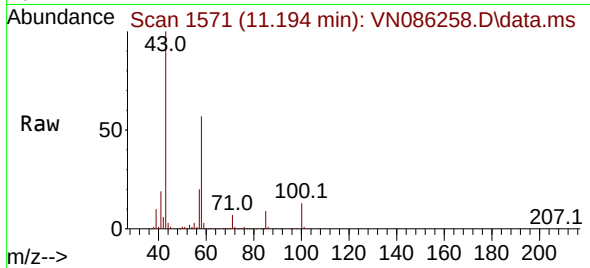
Tgt Ion: 43 Resp: 453475
Ion Ratio Lower Upper
43 100
58 40.8 32.5 48.7
85 18.1 14.4 21.6





#59
2-Hexanone
Concen: 98.039 ug/l
RT: 11.194 min Scan# 11194
Delta R.T. -0.000 min
Lab File: VN086258.D
Acq: 14 Apr 2025 10:30

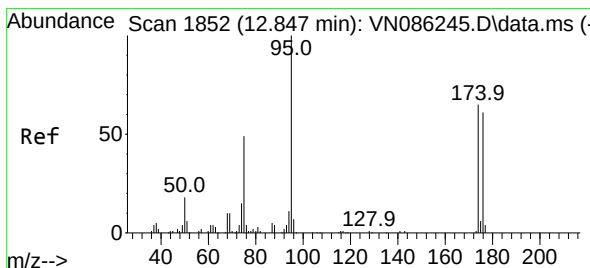
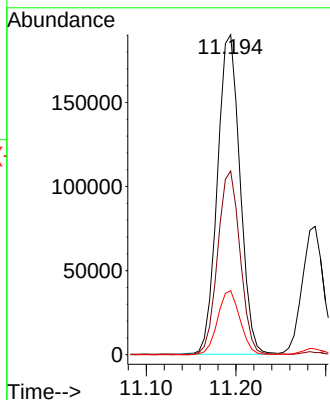
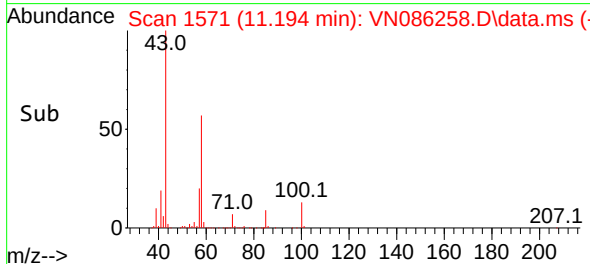
Instrument :
MSVOA_N
ClientSampleId :
VN0414WBS01



Tgt Ion: 43 Resp: 331992
Ion Ratio Lower Upper
43 100
58 57.1 45.3 67.9
57 19.9 15.8 23.6

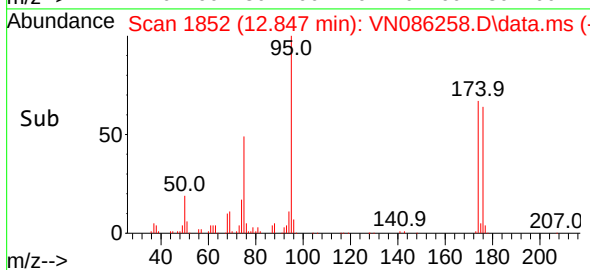
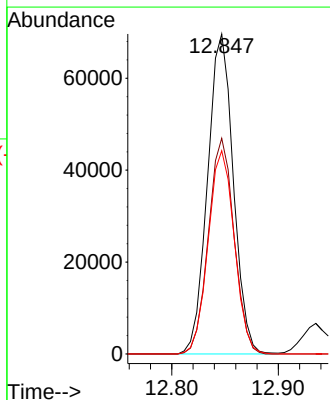
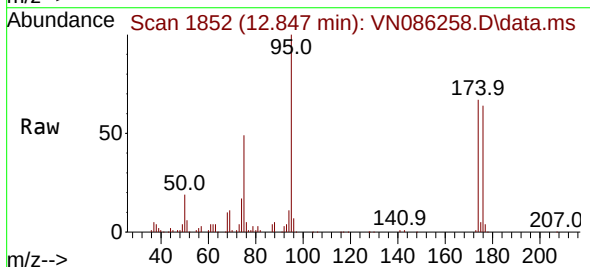
Manual Integrations
APPROVED

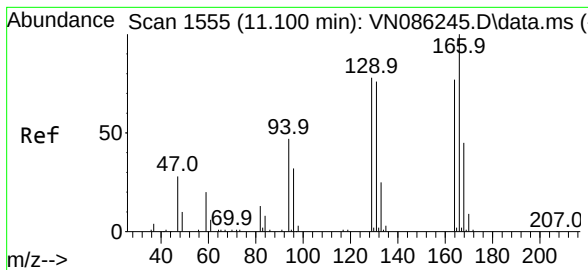
Reviewed By :John Carlone 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025



#60
4-Bromofluorobenzene
Concen: 29.365 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086258.D
Acq: 14 Apr 2025 10:30

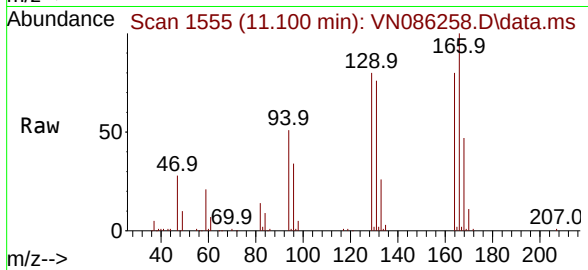
Tgt Ion: 95 Resp: 117162
Ion Ratio Lower Upper
95 100
174 66.9 52.7 79.1
176 64.4 49.8 74.8





#61
Tetrachloroethene
Concen: 20.496 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VN086258.D
Acq: 14 Apr 2025 10:30

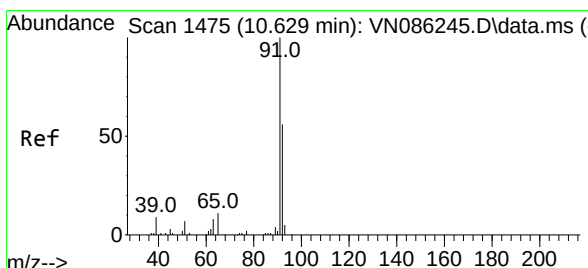
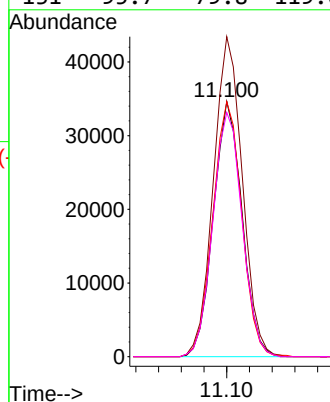
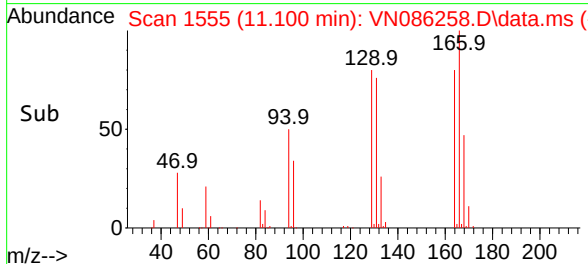
Instrument :
MSVOA_N
ClientSampleId :
VN0414WBS01



Tgt Ion:164 Resp: 6065
Ion Ratio Lower Upper
164 100
166 125.4 104.5 156.7
129 99.9 81.7 122.5
131 95.7 79.8 119.6

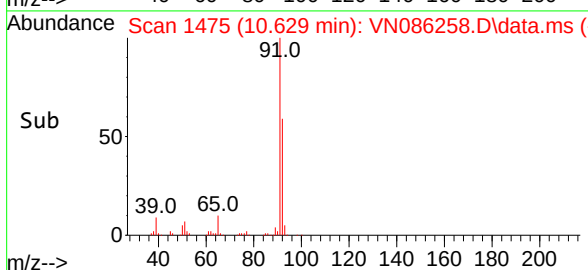
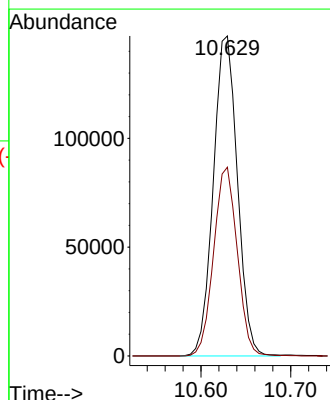
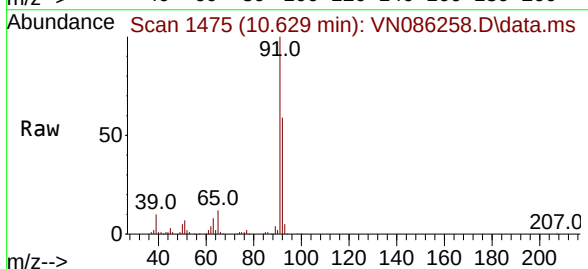
Manual Integrations
APPROVED

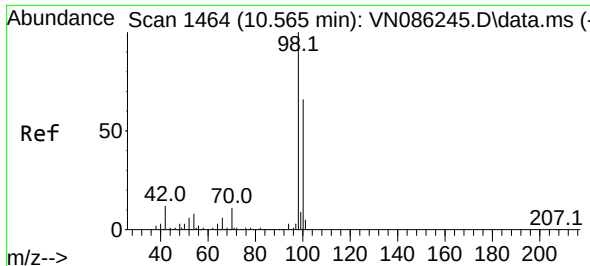
Reviewed By :John Carlone 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025



#62
Toluene
Concen: 20.410 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN086258.D
Acq: 14 Apr 2025 10:30

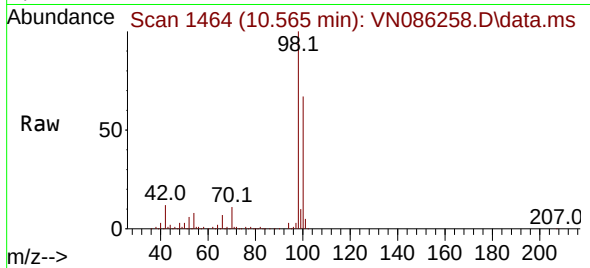
Tgt Ion: 91 Resp: 274337
Ion Ratio Lower Upper
91 100
92 57.9 46.8 70.2





#63
Toluene-d8
Concen: 29.932 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN086258.D
Acq: 14 Apr 2025 10:30

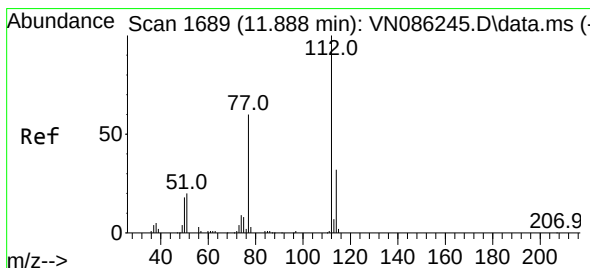
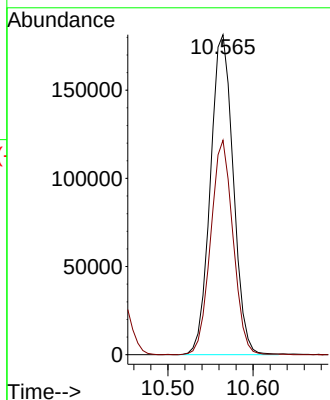
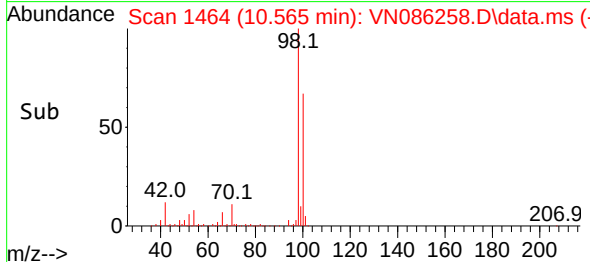
Instrument :
MSVOA_N
ClientSampleId :
VN0414WBS01



Tgt Ion: 98 Resp: 33863
Ion Ratio Lower Upper
98 100
100 65.4 52.3 78.5

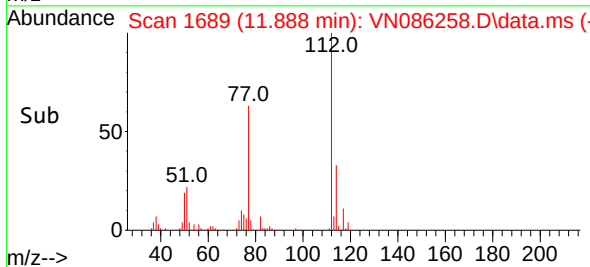
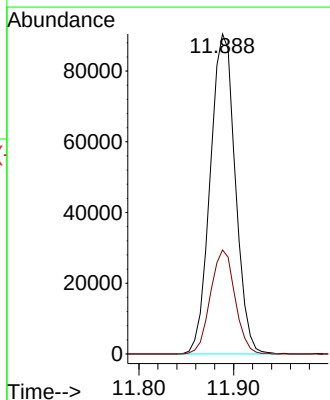
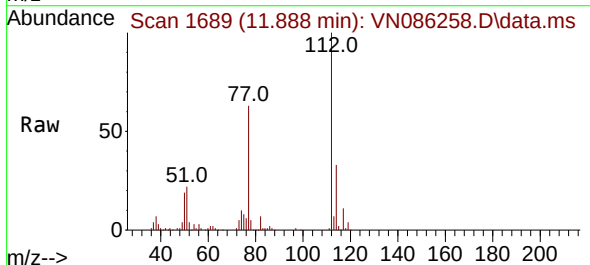
Manual Integrations
APPROVED

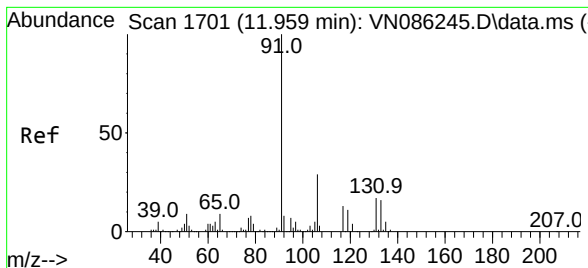
Reviewed By :John Carlone 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025



#64
Chlorobenzene
Concen: 20.253 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. -0.000 min
Lab File: VN086258.D
Acq: 14 Apr 2025 10:30

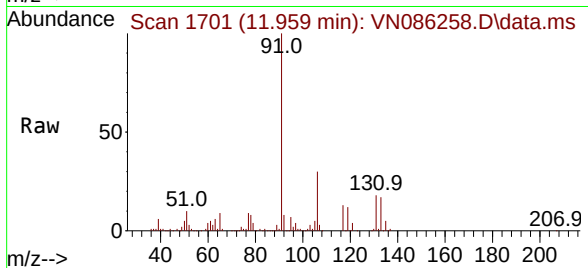
Tgt Ion:112 Resp: 166315
Ion Ratio Lower Upper
112 100
114 32.5 25.8 38.6





#65
1,1,1,2-Tetrachloroethane
Concen: 20.697 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN086258.D
Acq: 14 Apr 2025 10:30

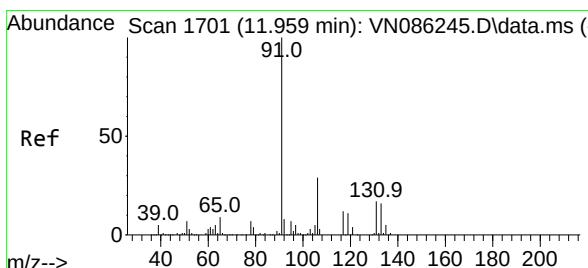
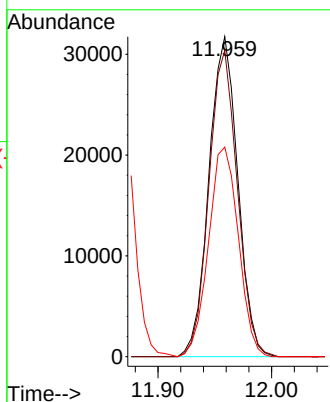
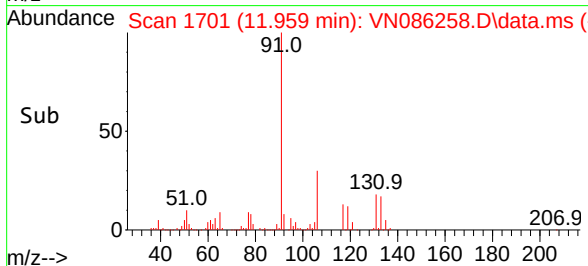
Instrument :
MSVOA_N
ClientSampleId :
VN0414WBS01



Tgt Ion:131 Resp: 5609
Ion Ratio Lower Upper
131 100
133 94.4 0.0 190.4
119 67.7 0.0 135.6

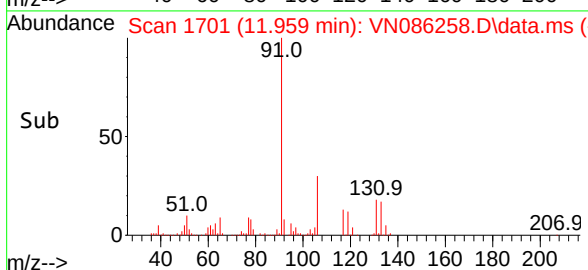
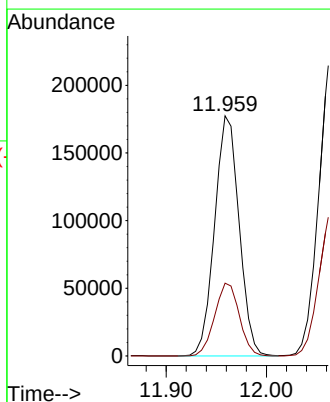
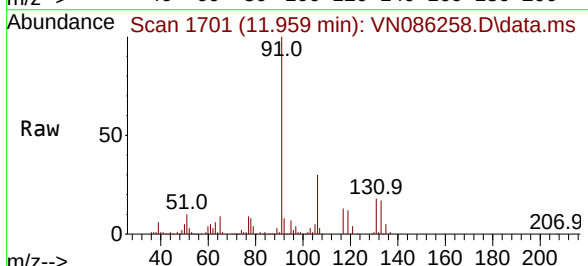
Manual Integrations
APPROVED

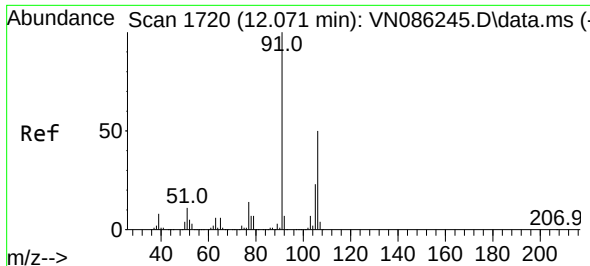
Reviewed By :John Carlone 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025



#66
Ethyl Benzene
Concen: 20.192 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN086258.D
Acq: 14 Apr 2025 10:30

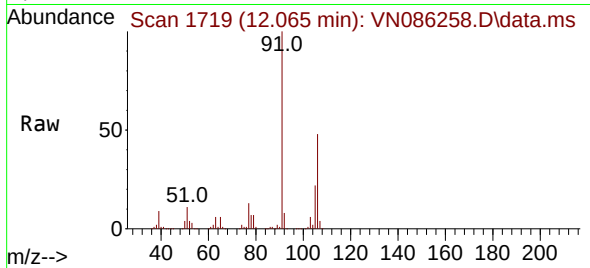
Tgt Ion: 91 Resp: 300996
Ion Ratio Lower Upper
91 100
106 30.3 23.4 35.0





#67
m/p-Xylenes
Concen: 40.859 ug/l
RT: 12.065 min Scan# 1719
Delta R.T. -0.006 min
Lab File: VN086258.D
Acq: 14 Apr 2025 10:30

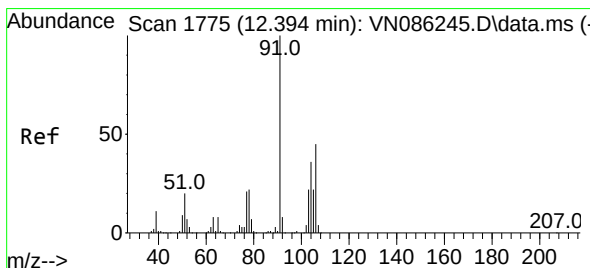
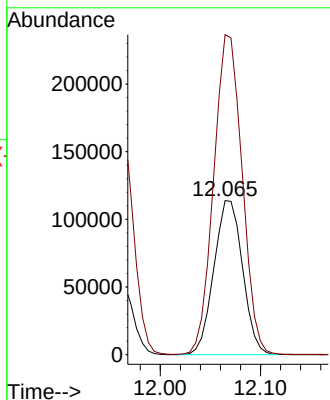
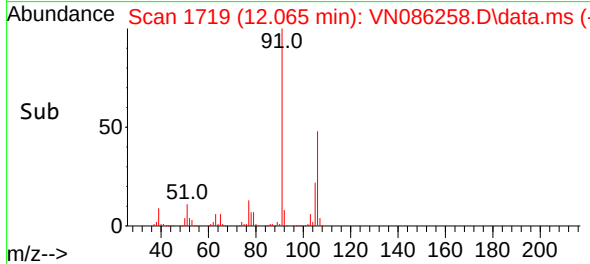
Instrument :
MSVOA_N
ClientSampleId :
VN0414WBS01



Tgt Ion:106 Resp: 226470
Ion Ratio Lower Upper
106 100
91 206.0 164.5 246.7

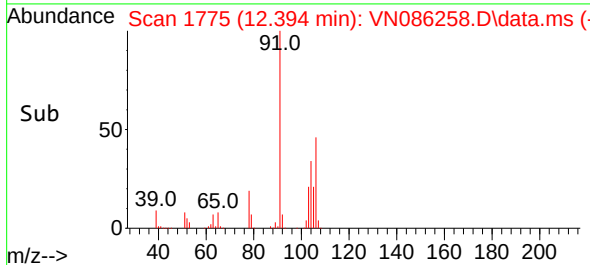
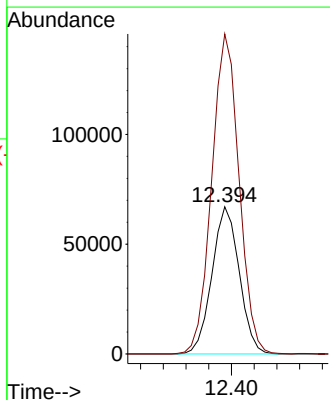
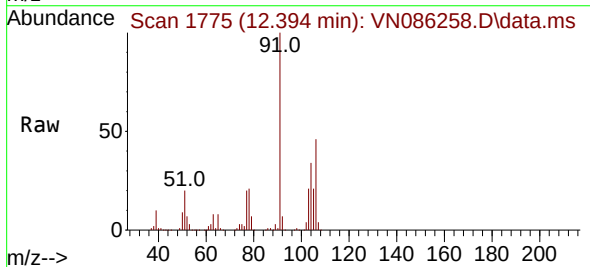
Manual Integrations
APPROVED

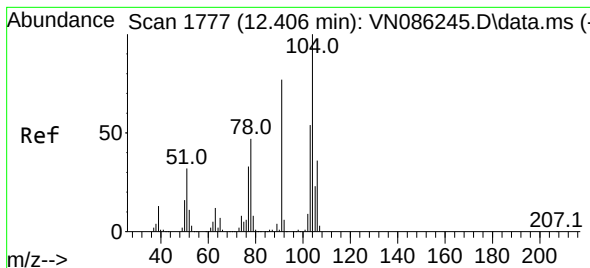
Reviewed By :John Carlone 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025



#68
o-Xylene
Concen: 20.480 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN086258.D
Acq: 14 Apr 2025 10:30

Tgt Ion:106 Resp: 111656
Ion Ratio Lower Upper
106 100
91 218.0 109.8 329.4





#69

Styrene

Concen: 20.354 ug/l

RT: 12.406 min Scan# 1777

Delta R.T. -0.000 min

Lab File: VN086258.D

Acq: 14 Apr 2025 10:30

Instrument :

MSVOA_N

ClientSampleId :

VN0414WBS01

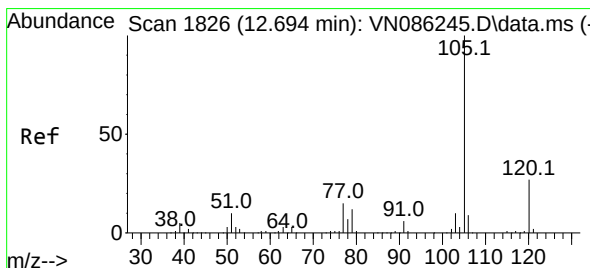
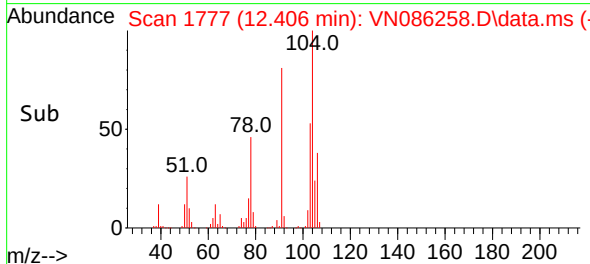
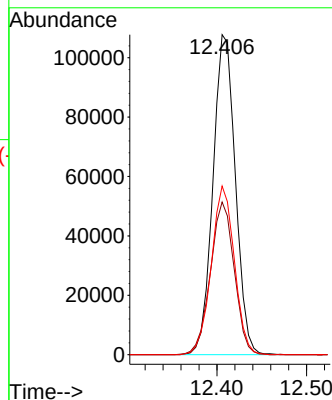
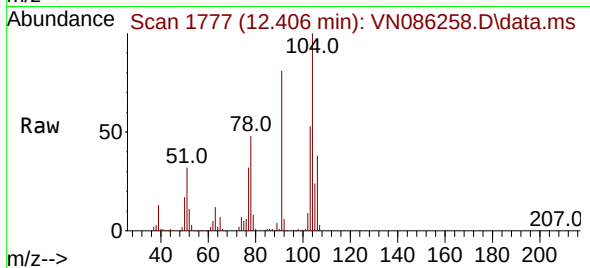
Tgt Ion:104	Resp: 18715
Ion Ratio	Lower Upper
104 100	
78 50.7	41.4 62.0
103 54.1	44.2 66.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/16/2025

Supervised By :Semsettin Yesilyurt 04/16/2025



#70

Isopropylbenzene

Concen: 20.566 ug/l

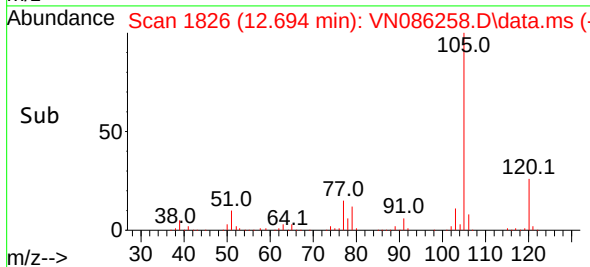
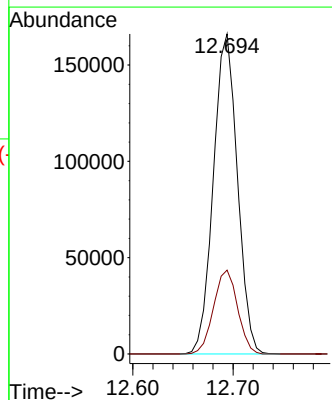
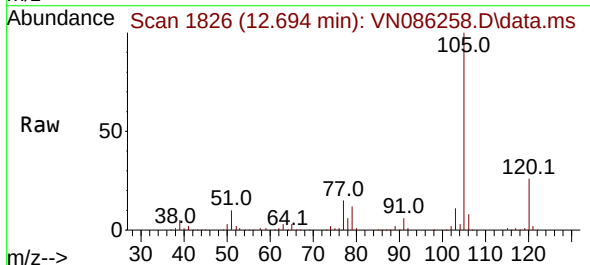
RT: 12.694 min Scan# 1826

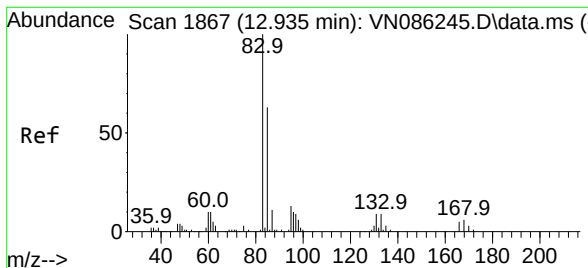
Delta R.T. -0.000 min

Lab File: VN086258.D

Acq: 14 Apr 2025 10:30

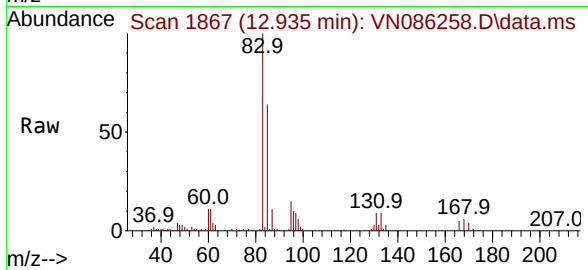
Tgt Ion:105	Resp: 276457
Ion Ratio	Lower Upper
105 100	
120 26.1	18.3 34.1





#71
1,1,2,2-Tetrachloroethane
Concen: 20.191 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VN086258.D
Acq: 14 Apr 2025 10:30

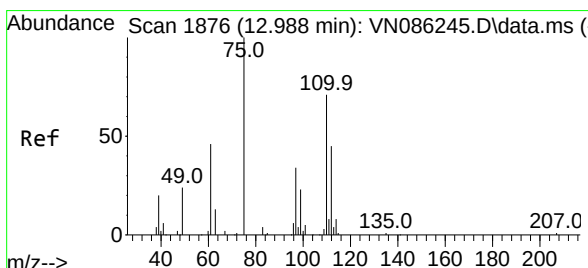
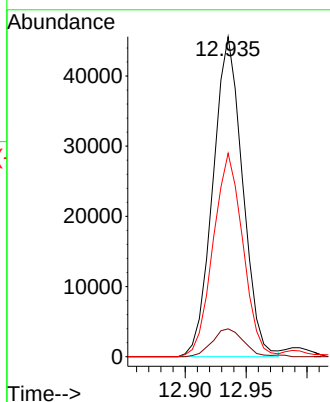
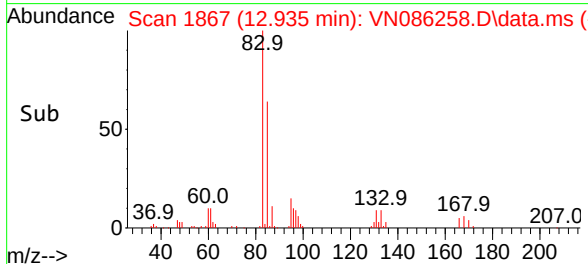
Instrument :
MSVOA_N
ClientSampleId :
VN0414WBS01



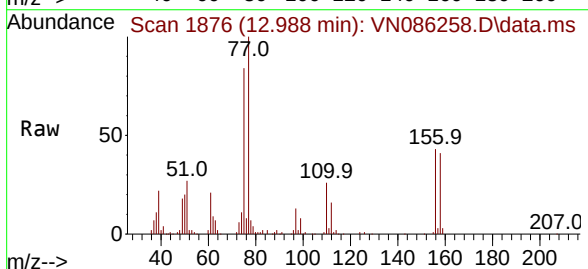
Tgt Ion: 83 Resp: 7725
Ion Ratio Lower Upper
83 100
131 9.2 4.8 14.3
85 63.7 32.3 96.8

Manual Integrations
APPROVED

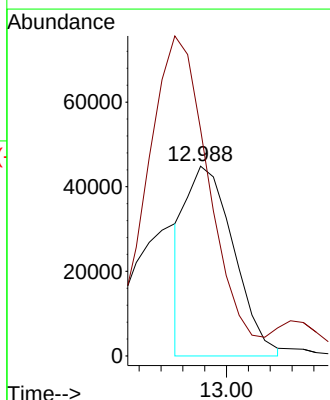
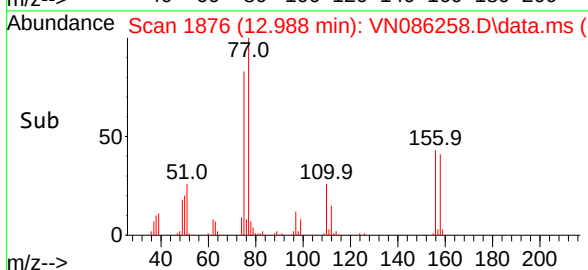
Reviewed By :John Carlone 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025

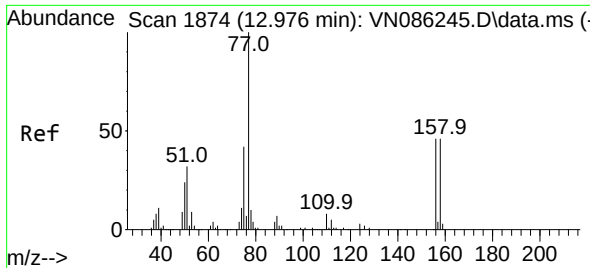


#72
1,2,3-Trichloropropane
Concen: 17.111 ug/l m
RT: 12.988 min Scan# 1876
Delta R.T. -0.000 min
Lab File: VN086258.D
Acq: 14 Apr 2025 10:30



Tgt Ion: 75 Resp: 68150
Ion Ratio Lower Upper
75 100
77 222.4 0.0 380.0





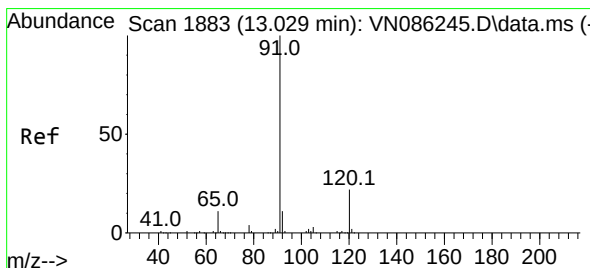
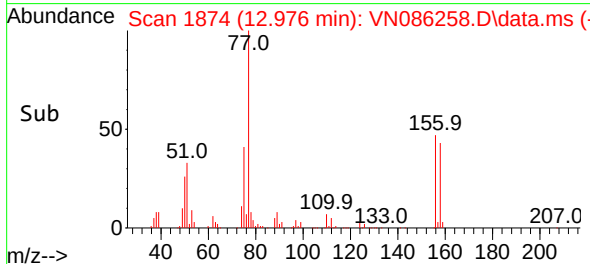
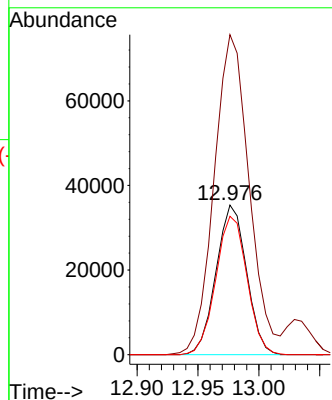
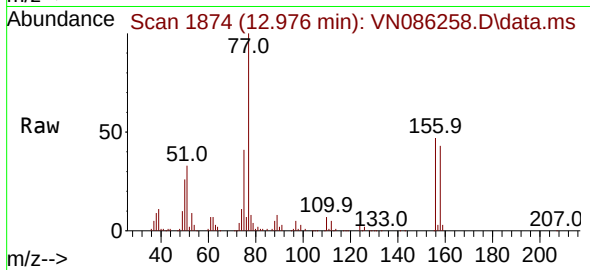
#73
Bromobenzene
Concen: 20.653 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. -0.000 min
Lab File: VN086258.D
Acq: 14 Apr 2025 10:30

Instrument :
MSVOA_N
ClientSampleId :
VN0414WBS01

Tgt Ion:156 Resp: 6150
Ion Ratio Lower Upper
156 100
77 246.4 0.0 505.2
158 94.7 0.0 195.0

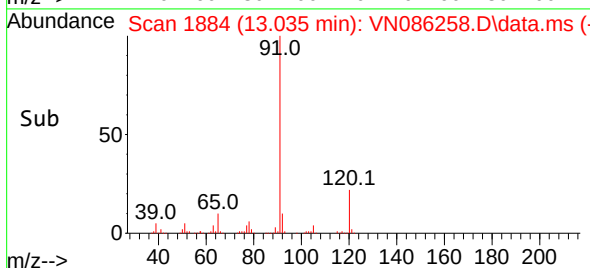
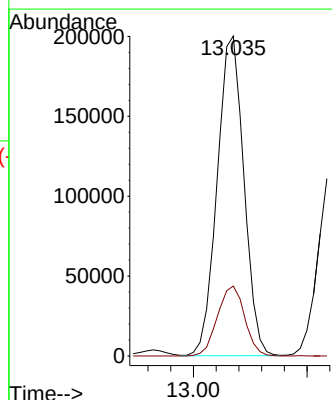
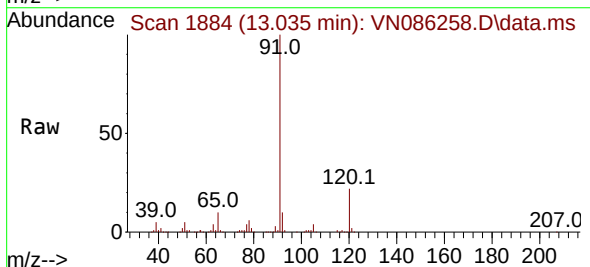
Manual Integrations
APPROVED

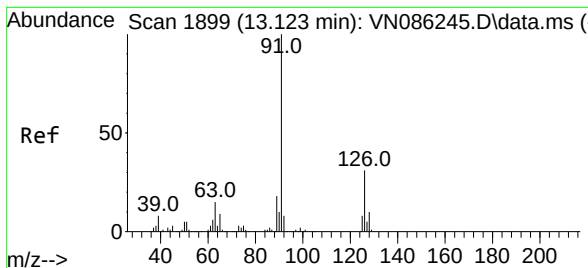
Reviewed By :John Carlone 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025



#74
n-propylbenzene
Concen: 20.629 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.006 min
Lab File: VN086258.D
Acq: 14 Apr 2025 10:30

Tgt Ion: 91 Resp: 327436
Ion Ratio Lower Upper
91 100
120 22.1 0.0 44.0





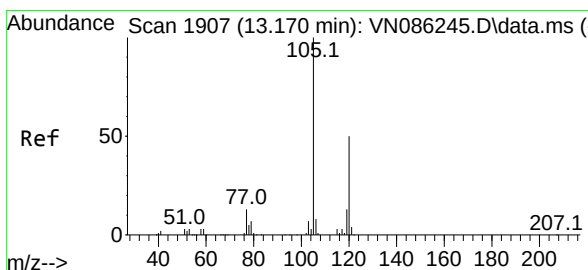
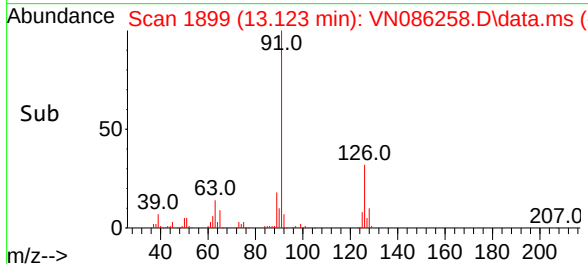
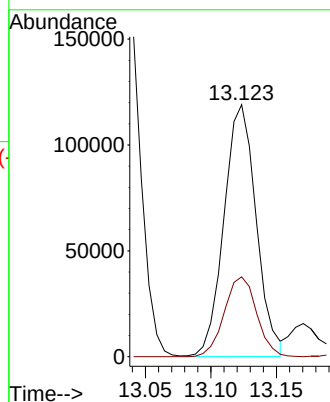
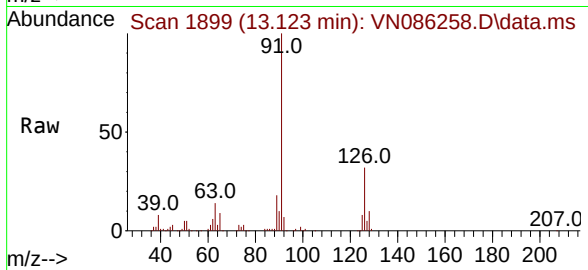
#75
2-Chlorotoluene
Concen: 20.376 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN086258.D
Acq: 14 Apr 2025 10:30

Instrument :
MSVOA_N
ClientSampleId :
VN0414WBS01

Tgt Ion: 91 Resp: 203289
Ion Ratio Lower Upper
91 100
126 31.7 0.0 63.4

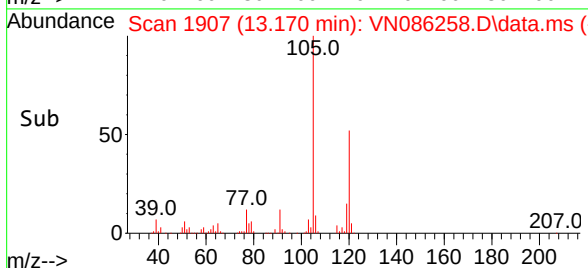
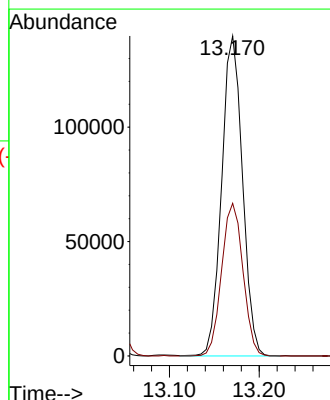
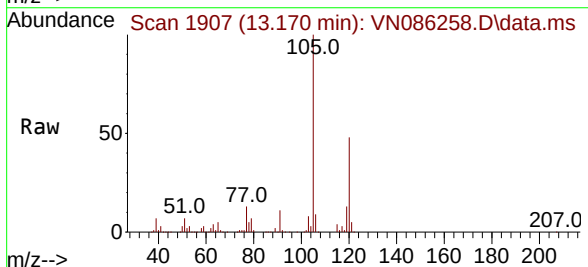
Manual Integrations
APPROVED

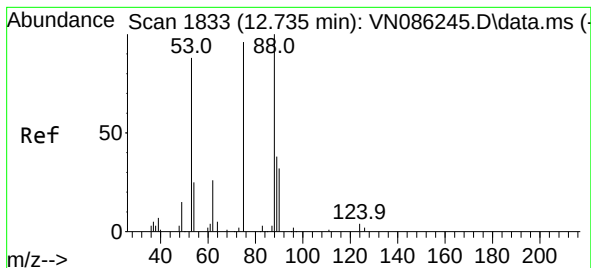
Reviewed By :John Carlone 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025



#76
1,3,5-Trimethylbenzene
Concen: 20.416 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN086258.D
Acq: 14 Apr 2025 10:30

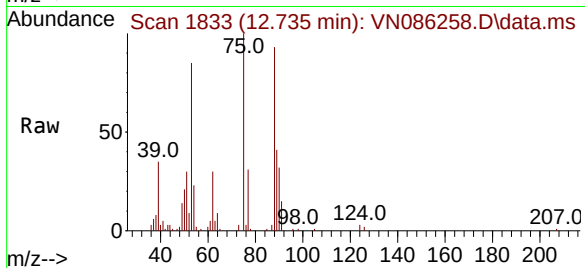
Tgt Ion:105 Resp: 225441
Ion Ratio Lower Upper
105 100
120 48.8 0.0 98.0





#77
t-1,4-Dichloro-2-butene
Concen: 19.550 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN086258.D
Acq: 14 Apr 2025 10:30

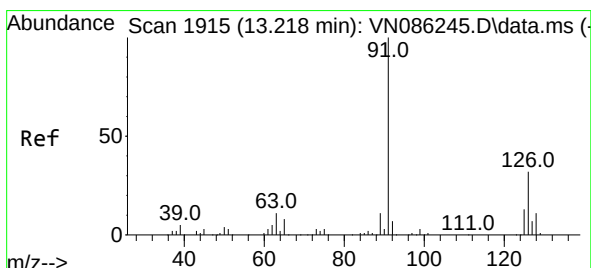
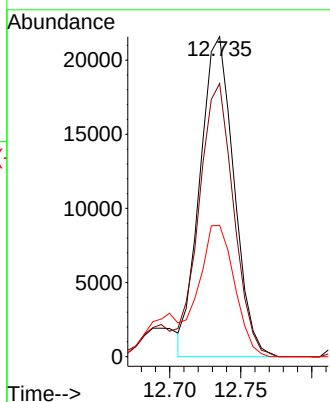
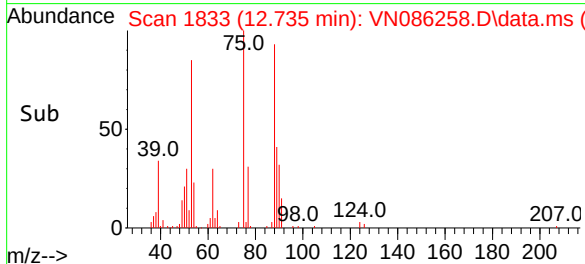
Instrument : MSVOA_N
ClientSampleId : VN0414WBS01



Tgt Ion: 75 Resp: 35902
Ion Ratio Lower Upper
75 100
53 85.4 46.4 139.2
89 41.0 22.5 67.5

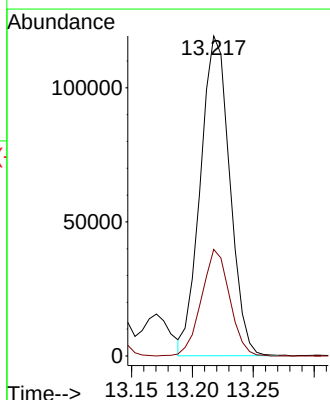
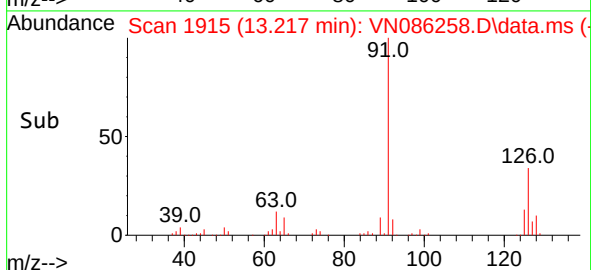
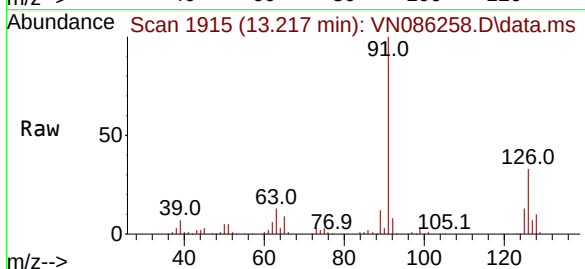
Manual Integrations
APPROVED

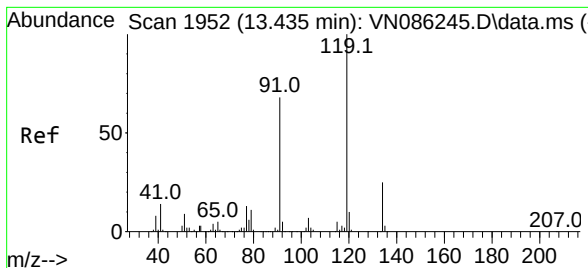
Reviewed By :John Carlone 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025



#78
4-Chlorotoluene
Concen: 20.086 ug/l
RT: 13.217 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VN086258.D
Acq: 14 Apr 2025 10:30

Tgt Ion: 91 Resp: 200138
Ion Ratio Lower Upper
91 100
126 32.0 0.0 63.2





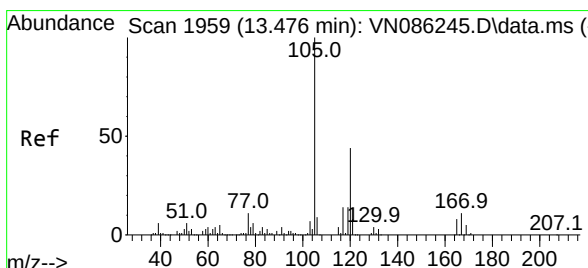
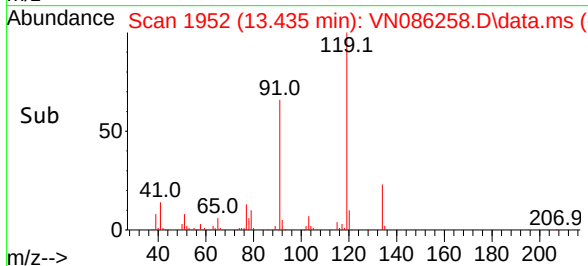
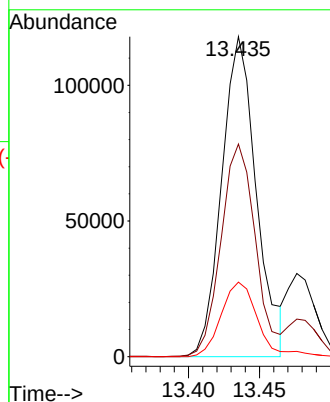
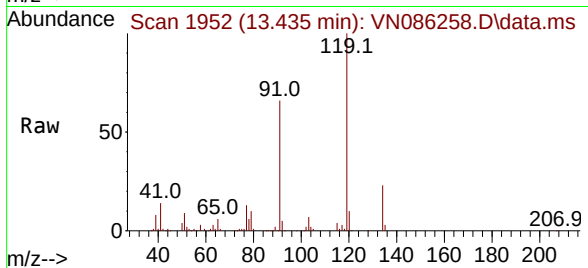
#79
tert-butylbenzene
Concen: 20.985 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VN086258.D
Acq: 14 Apr 2025 10:30

Instrument :
MSVOA_N
ClientSampleId :
VN0414WBS01

Tgt Ion:119 Resp: 200510
Ion Ratio Lower Upper
119 100
91 66.3 0.0 136.6
134 23.8 0.0 49.4

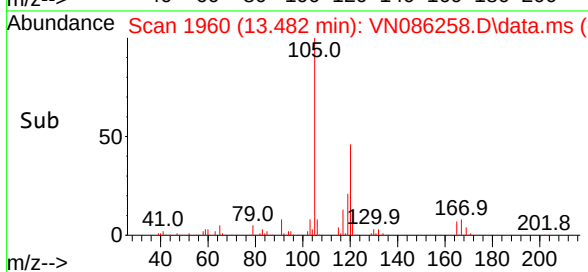
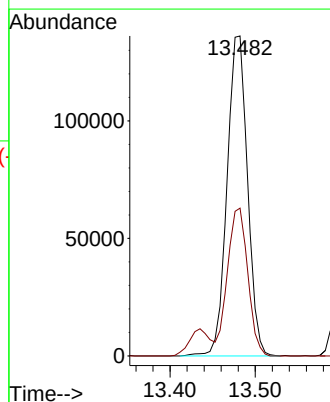
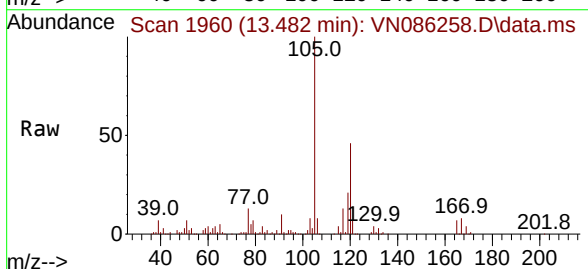
Manual Integrations
APPROVED

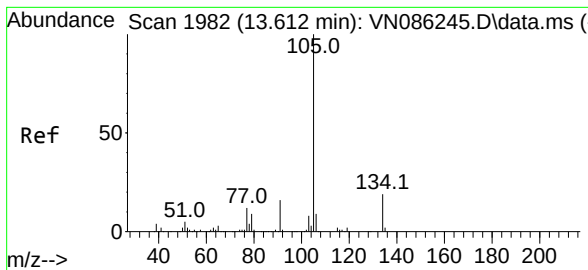
Reviewed By :John Carlone 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025



#80
1,2,4-Trimethylbenzene
Concen: 20.268 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.006 min
Lab File: VN086258.D
Acq: 14 Apr 2025 10:30

Tgt Ion:105 Resp: 226948
Ion Ratio Lower Upper
105 100
120 45.9 0.0 91.0





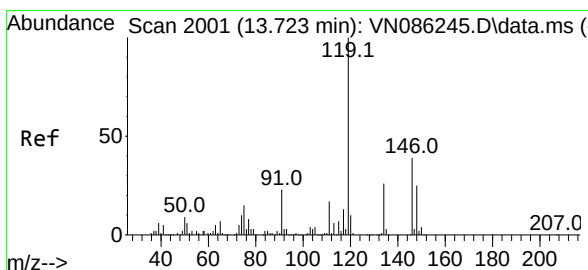
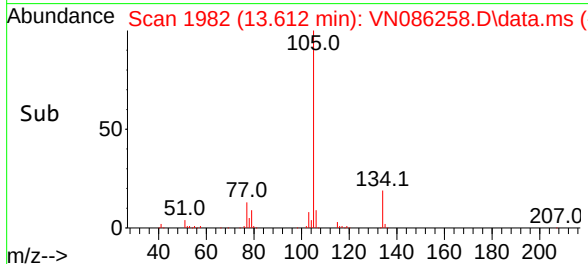
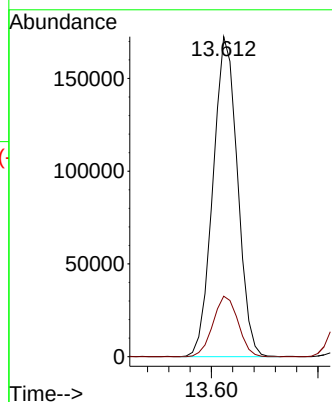
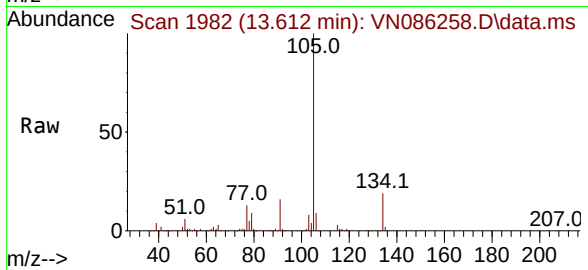
#81
 sec-Butylbenzene
 Concen: 20.689 ug/l
 RT: 13.612 min Scan# 1982
 Delta R.T. -0.000 min
 Lab File: VN086258.D
 Acq: 14 Apr 2025 10:30

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0414WBS01

Tgt Ion:105 Resp: 275740
 Ion Ratio Lower Upper
 105 100
 134 19.3 0.0 38.6

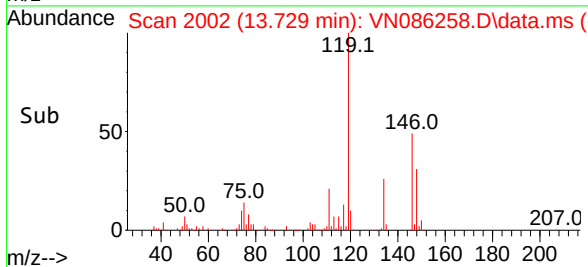
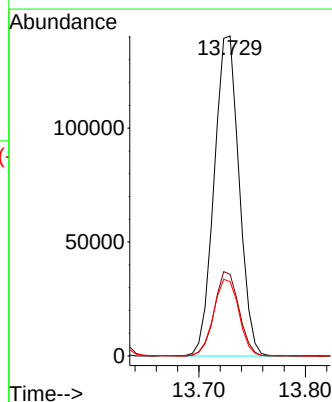
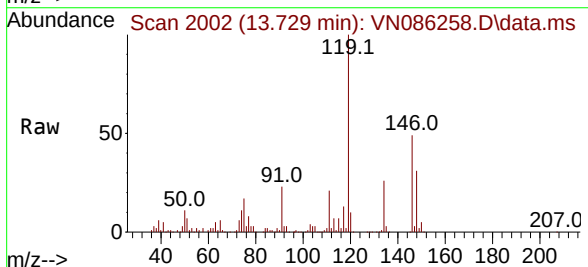
Manual Integrations
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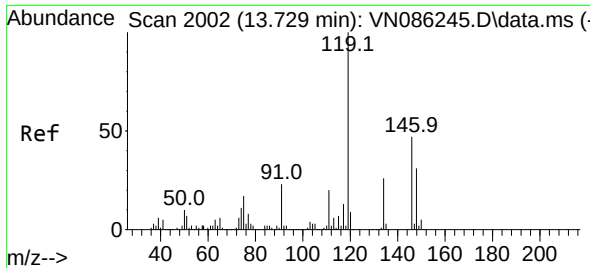
Reviewed By :John Carlone 04/16/2025
 Supervised By :Semsettin Yesilyurt 04/16/2025



#82
 p-Isopropyltoluene
 Concen: 20.517 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.006 min
 Lab File: VN086258.D
 Acq: 14 Apr 2025 10:30

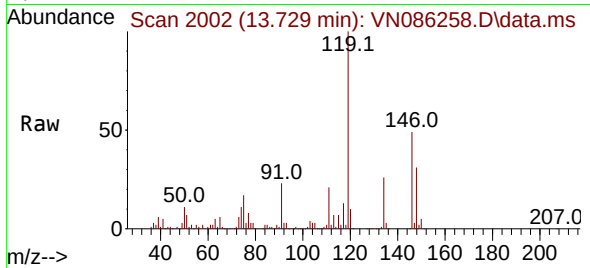
Tgt Ion:119 Resp: 228119
 Ion Ratio Lower Upper
 119 100
 134 26.0 0.0 51.6
 91 24.3 0.0 48.2





#83
1,3-Dichlorobenzene
Concen: 20.526 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. -0.000 min
Lab File: VN086258.D
Acq: 14 Apr 2025 10:30

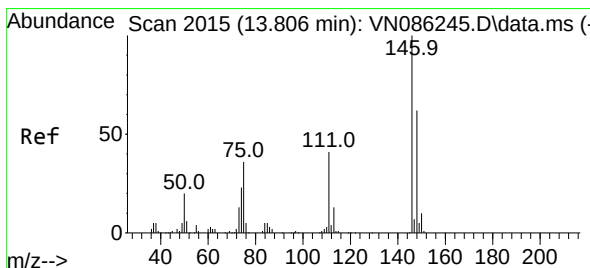
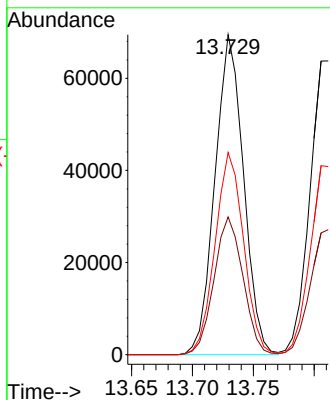
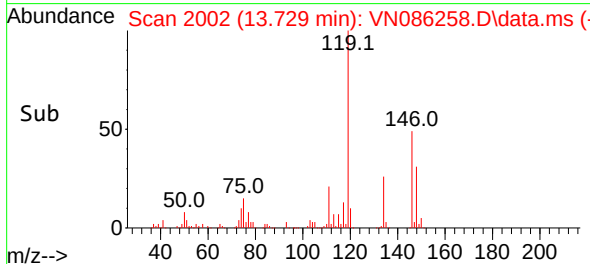
Instrument :
MSVOA_N
ClientSampleId :
VN0414WBS01



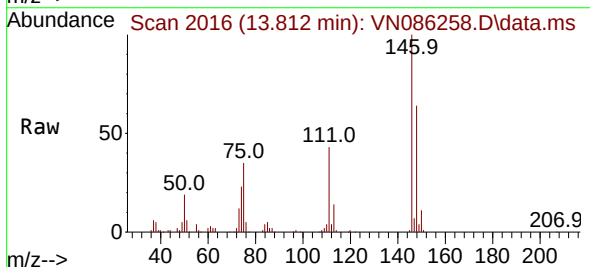
Tgt Ion:146 Resp: 113608
Ion Ratio Lower Upper
146 100
111 43.7 21.7 65.1
148 63.3 32.3 96.8

Manual Integrations
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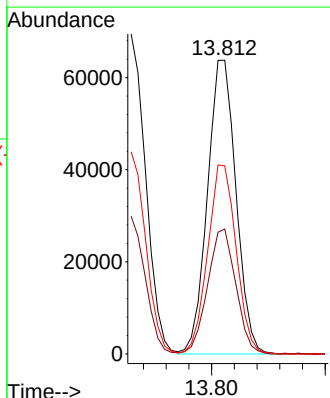
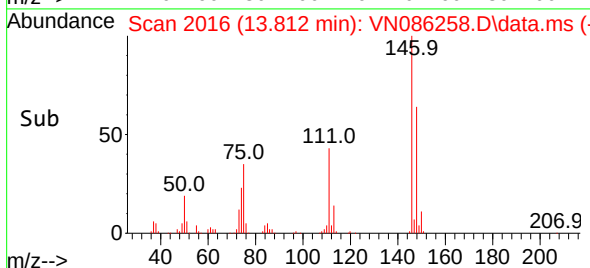
Reviewed By :John Carlone 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025

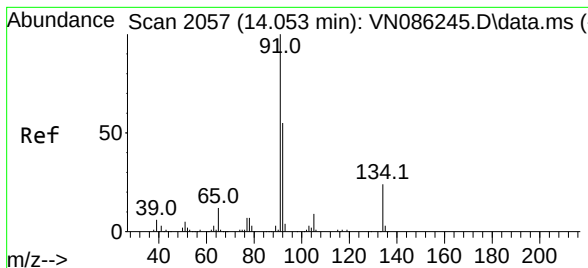


#84
1,4-Dichlorobenzene
Concen: 20.084 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. 0.006 min
Lab File: VN086258.D
Acq: 14 Apr 2025 10:30



Tgt Ion:146 Resp: 111516
Ion Ratio Lower Upper
146 100
111 42.0 20.8 62.4
148 64.1 31.9 95.5





#85

n-Butylbenzene

Concen: 20.342 ug/l

RT: 14.053 min Scan# 2057

Delta R.T. -0.000 min

Lab File: VN086258.D

Acq: 14 Apr 2025 10:30

Instrument :

MSVOA_N

ClientSampleId :

VN0414WBS01

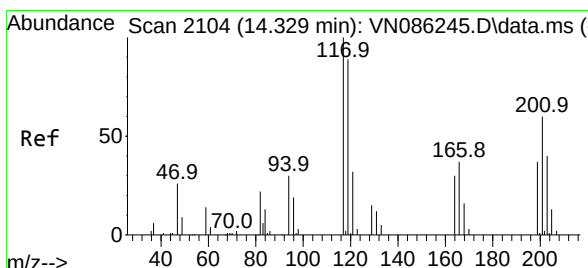
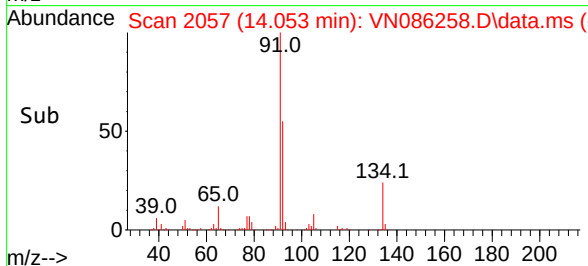
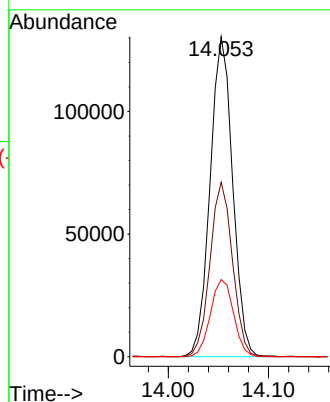
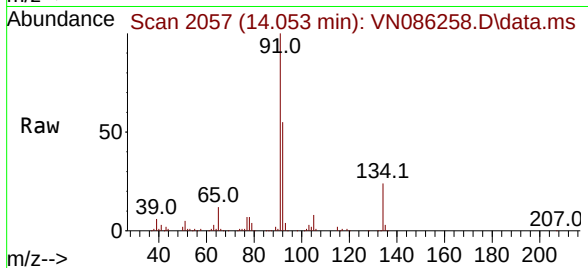
Tgt Ion:	91	Resp:	20403
Ion Ratio	Lower	Upper	
91	100		
92	54.4	0.0	109.4
134	24.7	0.0	48.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/16/2025

Supervised By :Semsettin Yesilyurt 04/16/2025



#86

Hexachloroethane

Concen: 20.168 ug/l

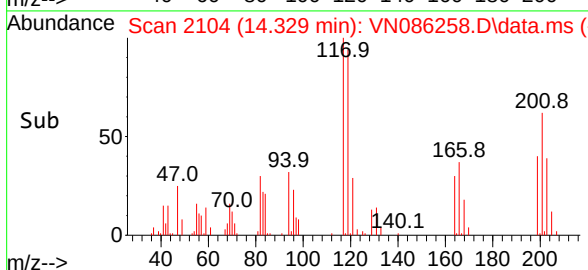
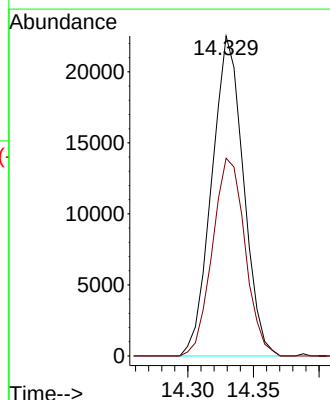
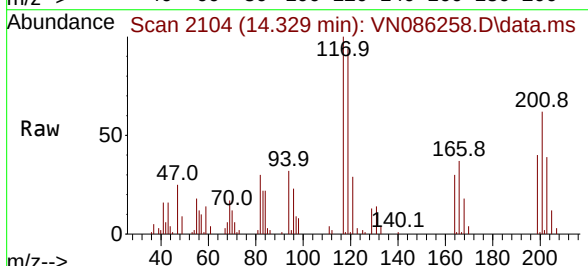
RT: 14.329 min Scan# 2104

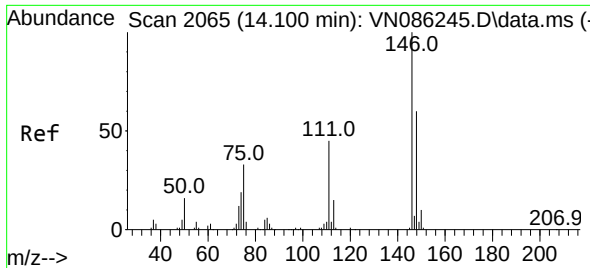
Delta R.T. -0.000 min

Lab File: VN086258.D

Acq: 14 Apr 2025 10:30

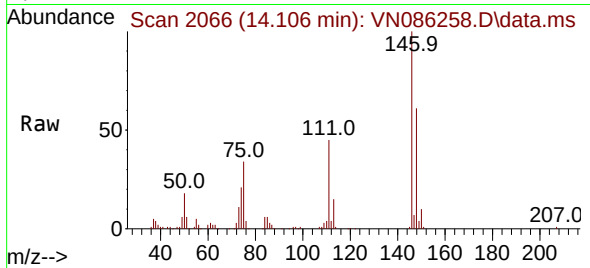
Tgt Ion:	117	Resp:	37827
Ion Ratio	Lower	Upper	
117	100		
201	63.6	30.9	92.8





#87
1,2-Dichlorobenzene
Concen: 20.173 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. 0.006 min
Lab File: VN086258.D
Acq: 14 Apr 2025 10:30

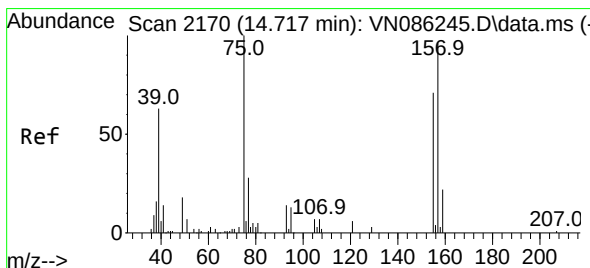
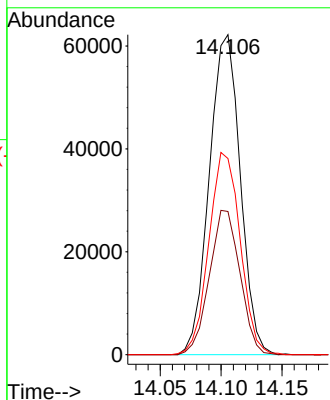
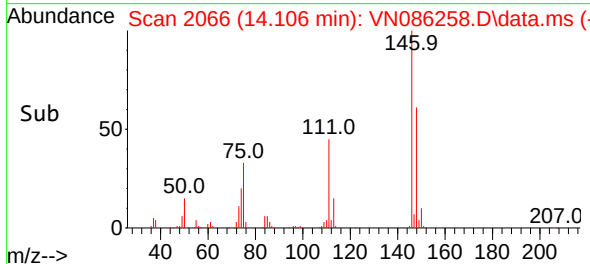
Instrument :
MSVOA_N
ClientSampleId :
VN0414WBS01



Tgt Ion:146 Resp: 11024
Ion Ratio Lower Upper
146 100
111 44.5 22.7 68.0
148 64.0 31.8 95.3

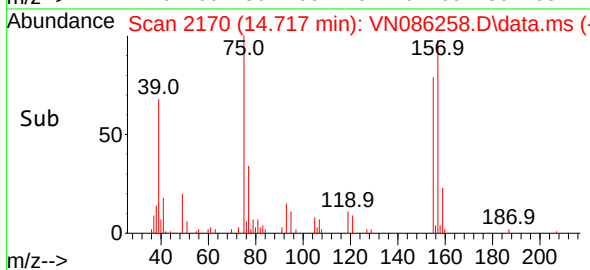
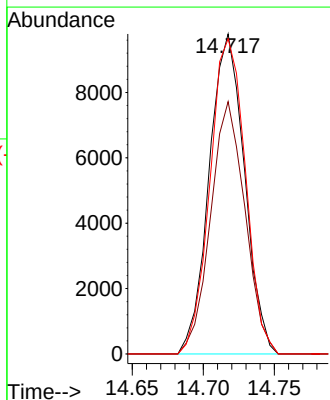
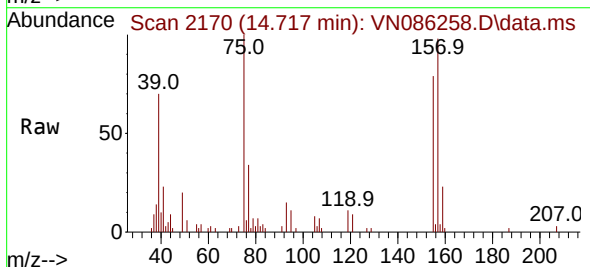
Manual Integrations
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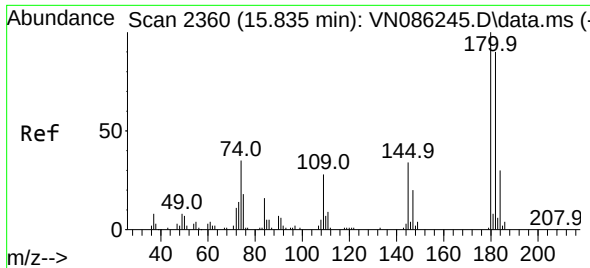
Reviewed By :John Carlone 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025



#88
1,2-Dibromo-3-Chloropropane
Concen: 19.353 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.000 min
Lab File: VN086258.D
Acq: 14 Apr 2025 10:30

Tgt Ion: 75 Resp: 16866
Ion Ratio Lower Upper
75 100
155 77.1 60.3 90.5
157 98.8 79.0 118.4





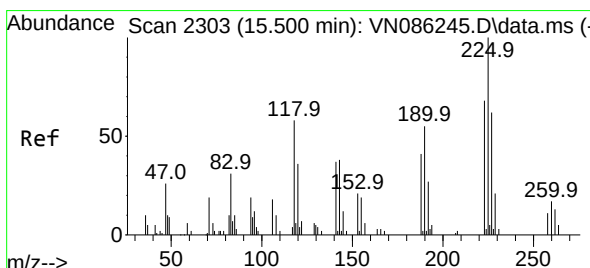
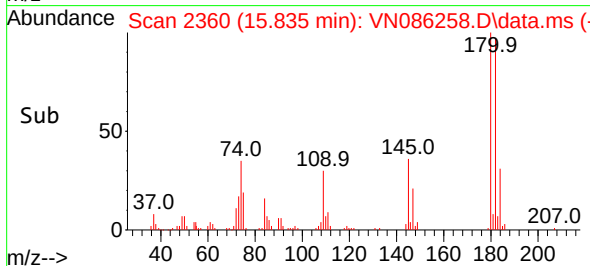
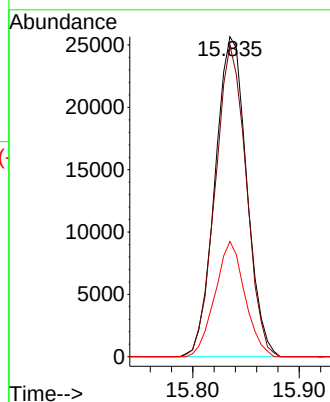
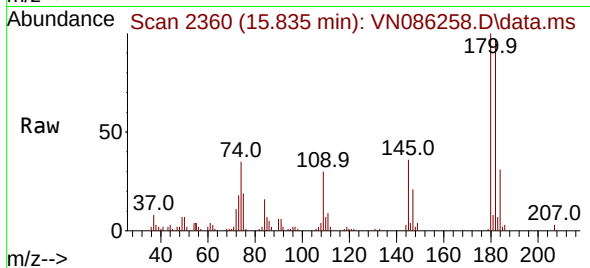
#89
1,2,4-Trichlorobenzene
Concen: 19.929 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. -0.000 min
Lab File: VN086258.D
Acq: 14 Apr 2025 10:30

Instrument :
MSVOA_N
ClientSampleId :
VN0414WBS01

Tgt Ion:180 Resp: 5299
Ion Ratio Lower Upper
180 100
182 94.9 75.1 112.7
145 33.9 27.1 40.7

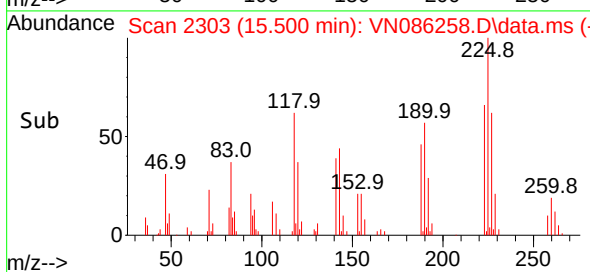
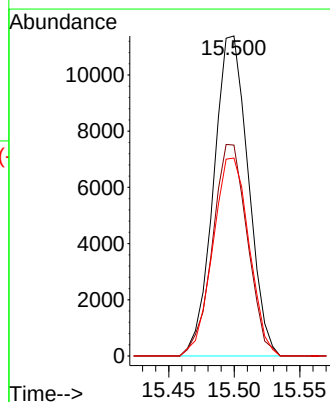
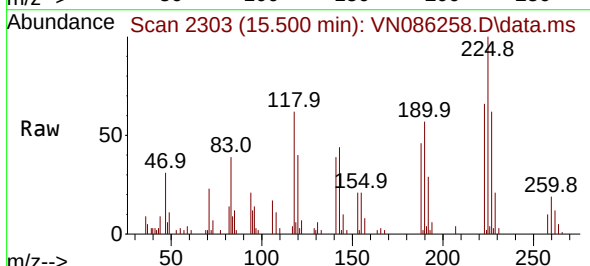
Manual Integrations
APPROVED

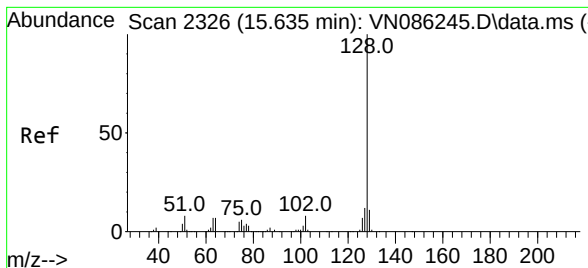
Reviewed By :John Carlone 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025



#90
Hexachlorobutadiene
Concen: 18.221 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. -0.000 min
Lab File: VN086258.D
Acq: 14 Apr 2025 10:30

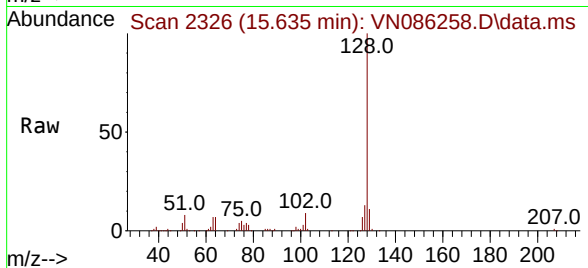
Tgt Ion:225 Resp: 20919
Ion Ratio Lower Upper
225 100
223 66.2 0.0 130.0
227 64.6 0.0 123.2





#91
Naphthalene
Concen: 18.610 ug/l
RT: 15.635 min Scan# 2326
Delta R.T. -0.000 min
Lab File: VN086258.D
Acq: 14 Apr 2025 10:30

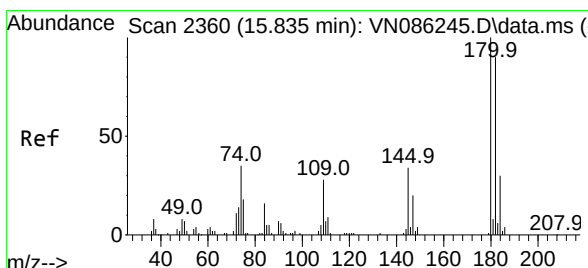
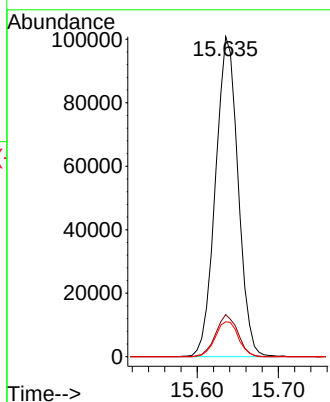
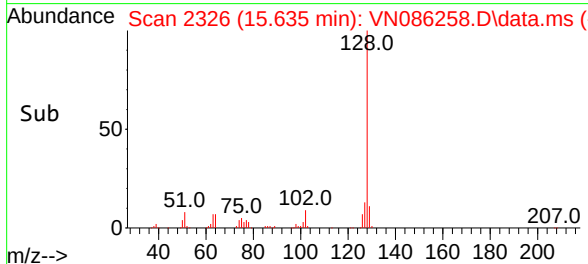
Instrument :
MSVOA_N
ClientSampleId :
VN0414WBS01



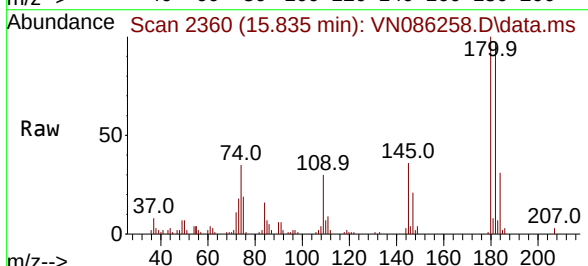
Tgt Ion:128 Resp: 19510
Ion Ratio Lower Upper
128 100
127 12.9 10.2 15.2
129 11.2 8.8 13.2

Manual Integrations
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Reviewed By :John Carlone 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025



#92
1,2,3-Trichlorobenzene
Concen: 19.929 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. -0.000 min
Lab File: VN086258.D
Acq: 14 Apr 2025 10:30



Tgt Ion:180 Resp: 52993
Ion Ratio Lower Upper
180 100
182 94.9 0.0 187.8
145 33.9 0.0 67.8

