

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041425\
 Data File : VN086259.D
 Acq On : 14 Apr 2025 11:03
 Operator : JC\MD
 Sample : VN0414WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0414WBSD01

Manual Integrations
 APPROVED

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

Quant Time: Apr 15 03:05:47 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	7.818	128	36062	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	212146	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	188770	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.577	65	103894	29.537	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	98.467%		
60) 4-Bromofluorobenzene	12.847	95	111425	29.647	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	98.833%		
63) Toluene-d8	10.565	98	318483	29.884	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	99.600%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	54070	18.713	ug/l	98
3) Chloromethane	2.359	50	71999	18.029	ug/l	100
4) Vinyl Chloride	2.512	62	69656	18.312	ug/l	95
5) Bromomethane	2.959	94	34406	18.133	ug/l	96
6) Chloroethane	3.124	64	44882	18.685	ug/l	98
7) Trichlorofluoromethane	3.501	101	78678	19.068	ug/l	100
8) Diethyl Ether	3.959	74	38193	20.071	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.365	101	48840	19.195	ug/l	98
10) 1,1-Dichloroethene	4.342	96	49445	18.006	ug/l	99
11) Methyl Iodide	4.589	142	59902	18.980	ug/l	98
12) Methyl Acetate	5.024	43	80774	20.830	ug/l	97
13) Acrolein	4.177	56	48066	109.048	ug/l	96
14) Acrylonitrile	5.712	53	161179	98.458	ug/l	99
15) Acetone	4.424	58	40894	98.522	ug/l	94
16) Carbon Disulfide	4.712	76	142937	18.153	ug/l	99
17) Allyl chloride	5.018	41	86865	18.150	ug/l	98
18) Methylene Chloride	5.271	84	58725	18.757	ug/l	96
19) trans-1,2-Dichloroethene	5.789	96	53567	18.520	ug/l	97
20) Diisopropyl ether	6.671	45	206398	20.060	ug/l	96
21) 1,1-Dichloroethane	6.565	63	105602	19.237	ug/l	100
22) cis-1,2-Dichloroethene	7.483	96	65882	19.121	ug/l	99
23) tert-Butyl Alcohol	5.512	59	69667	102.708	ug/l #	100
24) Methyl tert-Butyl Ether	5.795	73	201225	20.306	ug/l	99
25) Chloroform	7.965	83	103843	19.837	ug/l	98
26) Cyclohexane	8.253	56	95417	18.579	ug/l #	100
29) 1,1-Dichloropropene	8.365	75	75526	19.873	ug/l	97
30) 2-Butanone	7.477	43	220855	104.878	ug/l	99
31) 2,2-Dichloropropane	7.489	77	93559	20.000	ug/l	98
32) 1,1,1-Trichloroethane	8.165	97	85744	19.614	ug/l	99
33) Carbon Tetrachloride	8.359	117	69889	20.005	ug/l	97
34) Benzene	8.600	78	242368	20.046	ug/l #	95
35) Methacrylonitrile	7.771	41	50804	21.400	ug/l	97
36) 1,2-Dichloroethane	8.665	62	79625	21.045	ug/l	97
37) Trichloroethene	9.347	130	59060	20.246	ug/l	95
38) Methylcyclohexane	9.600	83	87606	18.796	ug/l	99
39) 1,2-Dichloropropane	9.618	63	61825	20.550	ug/l	98
40) Dibromomethane	9.706	93	40620	20.905	ug/l	96
41) Bromodichloromethane	9.882	83	85287	20.431	ug/l	98
42) Vinyl Acetate	6.600	43	738325	103.000	ug/l	99

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Quant Time: Apr 15 03:05:47 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)
43) Ethyl Acetate	7.559	43	86606	20.390	ug/l	97
44) Isopropyl Acetate	8.683	43	156559	19.868	ug/l	100
45) 1,4-Dioxane	9.694	88	26556	423.818	ug/l #	94
46) Methyl methacrylate	9.677	41	70947	20.434	ug/l	96
47) n-amyl Acetate	12.488	43	123569	19.779	ug/l	99
48) t-1,3-Dichloropropene	10.835	75	96008	20.344	ug/l	98
49) cis-1,3-Dichloropropene	10.312	75	104035	20.829	ug/l	98
50) 1,1,2-Trichloroethane	11.012	97	56786	20.837	ug/l	98
51) Ethyl methacrylate	10.871	69	105789	20.888	ug/l	96
52) 1,3-Dichloropropane	11.159	76	100971	20.787	ug/l	99
53) Dibromochloromethane	11.353	129	62263	20.887	ug/l	98
54) 1,2-Dibromoethane	11.465	107	57757	20.995	ug/l	99
55) 2-Chloroethyl vinyl ether	10.159	63	271407	141.822	ug/l	99
56) Bromoform	12.576	173	41780	21.423	ug/l #	99
58) 4-Methyl-2-Pentanone	10.441	43	450944	105.268	ug/l	99
59) 2-Hexanone	11.194	43	331870	104.040	ug/l	99
61) Tetrachloroethene	11.100	164	57897	20.769	ug/l	97
62) Toluene	10.630	91	254946	20.136	ug/l	100
64) Chlorobenzene	11.888	112	157296	20.334	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.959	131	53903	21.115	ug/l	99
66) Ethyl Benzene	11.959	91	281296	20.033	ug/l	99
67) m/p-Xylenes	12.071	106	212715	40.741	ug/l	98
68) o-Xylene	12.394	106	106466	20.731	ug/l	97
69) Styrene	12.406	104	178420	20.600	ug/l	98
70) Isopropylbenzene	12.694	105	255832	20.204	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.935	83	76539	21.236	ug/l	99
72) 1,2,3-Trichloropropane	12.988	75	77799m	20.737	ug/l	
73) Bromobenzene	12.976	156	58234	20.760	ug/l	99
74) n-propylbenzene	13.029	91	302453	20.228	ug/l	100
75) 2-Chlorotoluene	13.123	91	190051	20.222	ug/l	100
76) 1,3,5-Trimethylbenzene	13.171	105	211804	20.362	ug/l	100
77) t-1,4-Dichloro-2-butene	12.735	75	35624	20.593	ug/l	93
78) 4-Chlorotoluene	13.218	91	187622	19.990	ug/l	99
79) tert-butylbenzene	13.435	119	177378	19.708	ug/l	99
80) 1,2,4-Trimethylbenzene	13.476	105	214794	20.364	ug/l	98
81) sec-Butylbenzene	13.612	105	248141	19.764	ug/l	100
82) p-Isopropyltoluene	13.723	119	207375	19.800	ug/l	100
83) 1,3-Dichlorobenzene	13.729	146	106668	20.459	ug/l	99
84) 1,4-Dichlorobenzene	13.812	146	107111	20.479	ug/l	100
85) n-Butylbenzene	14.053	91	184228	19.498	ug/l	99
86) Hexachloroethane	14.329	117	34967	19.792	ug/l	100
87) 1,2-Dichlorobenzene	14.100	146	106853	20.757	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	14.717	75	16765	20.422	ug/l	99
89) 1,2,4-Trichlorobenzene	15.835	180	51313	20.486	ug/l	100
90) Hexachlorobutadiene	15.494	225	20003	18.496	ug/l	98
91) Naphthalene	15.635	128	202577	20.513	ug/l	99
92) 1,2,3-Trichlorobenzene	15.835	180	51313	20.486	ug/l	100

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

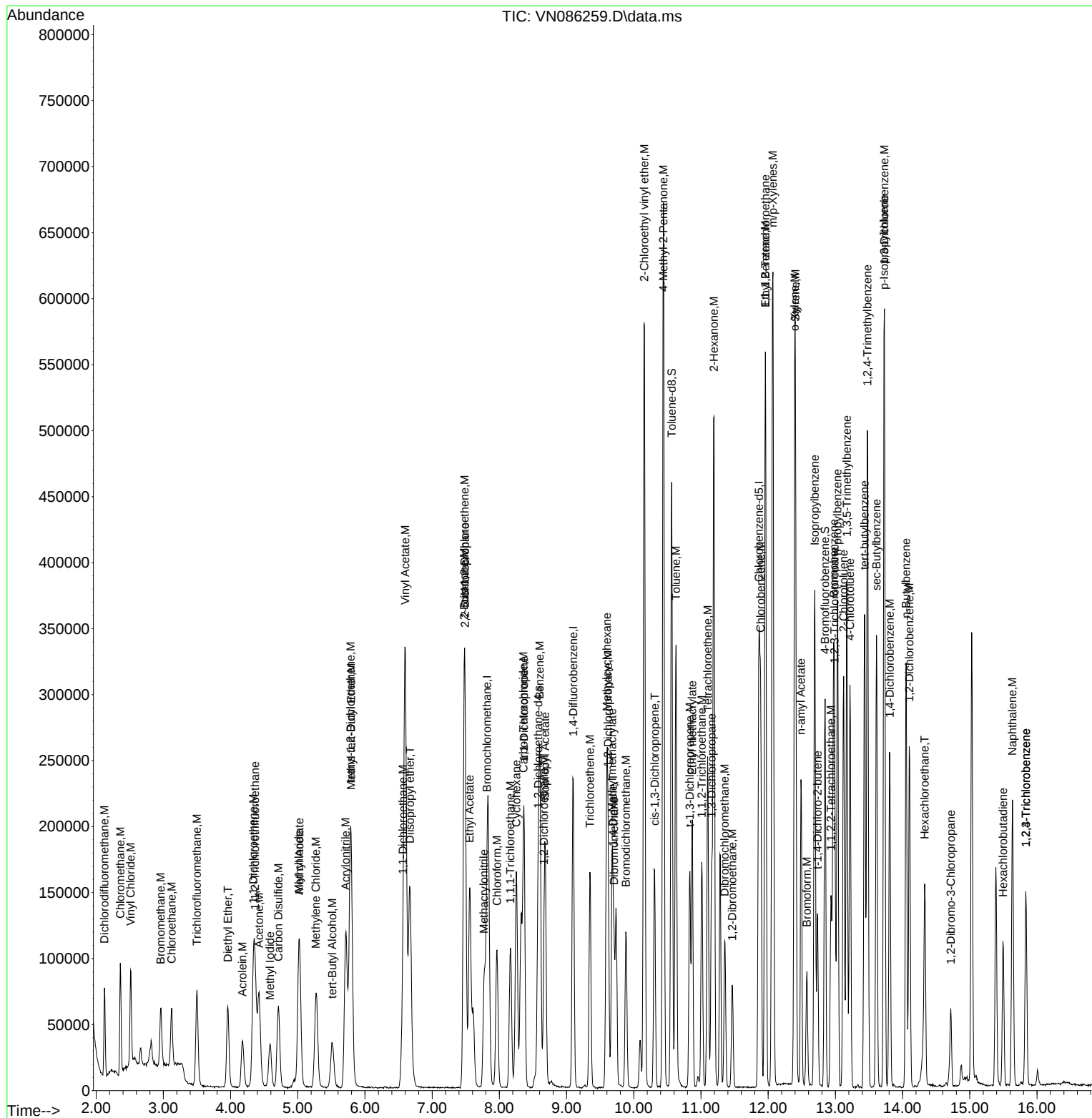
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041425\
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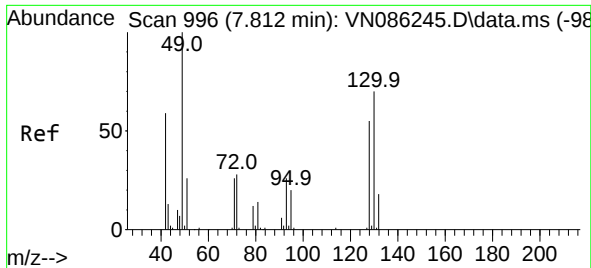
Instrument :
MSVOA_N
ClientSampleId :
VN0414WBSD01

Manual Integrations
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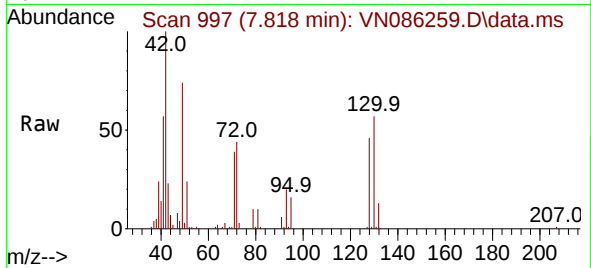
Quant Time: Apr 15 03:05:47 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N041125W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Sat Apr 12 01:21:52 2025
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.818 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN086259.D
Acq: 14 Apr 2025 11:03

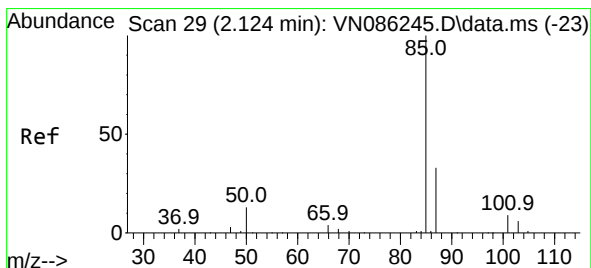
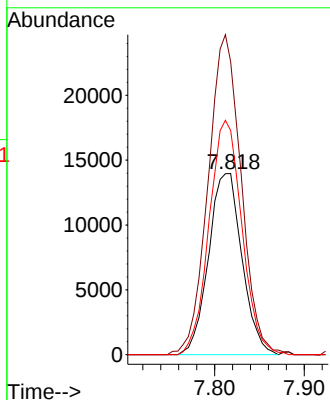
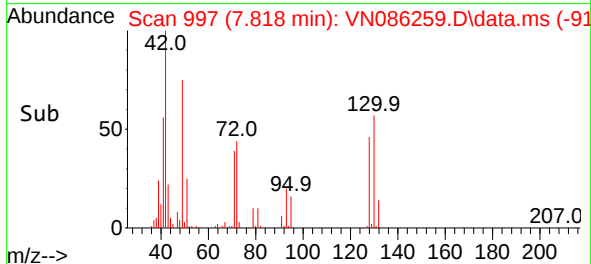
Instrument :
MSVOA_N
ClientSampleId :
VN0414WBSD01



Tgt Ion:128 Resp: 3606
Ion Ratio Lower Upper
128 100
49 174.9 0.0 452.5
130 127.6 0.0 315.0

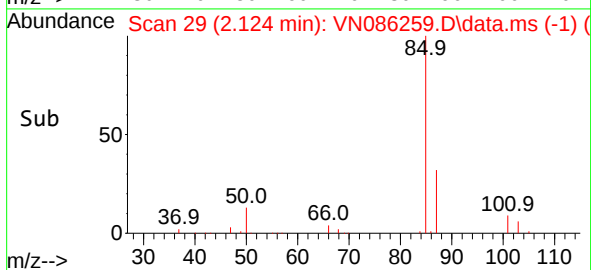
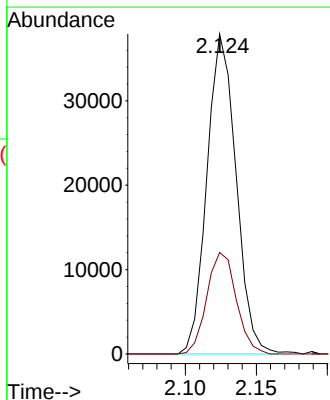
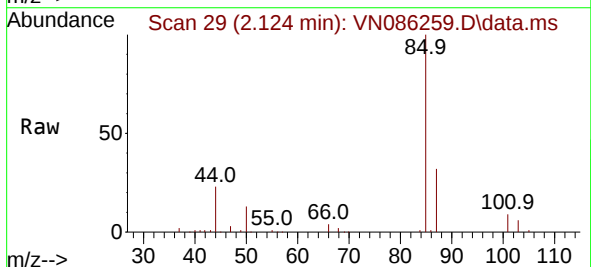
Manual Integrations
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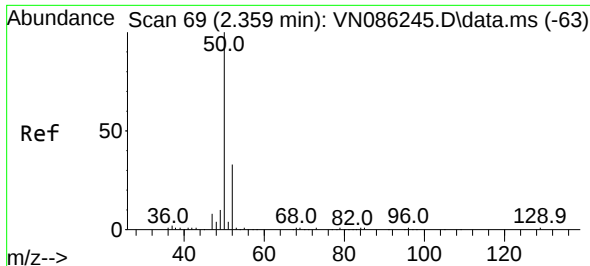
Reviewed By :John Carlone 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025



#2
Dichlorodifluoromethane
Concen: 18.713 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN086259.D
Acq: 14 Apr 2025 11:03

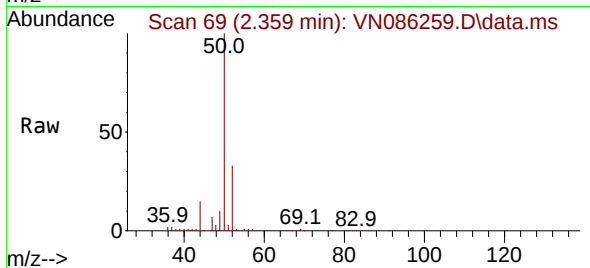
Tgt Ion: 85 Resp: 54070
Ion Ratio Lower Upper
85 100
87 31.7 16.3 48.9





#3
Chloromethane
Concen: 18.029 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN086259.D
Acq: 14 Apr 2025 11:03

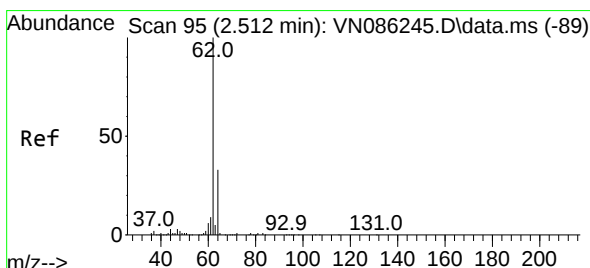
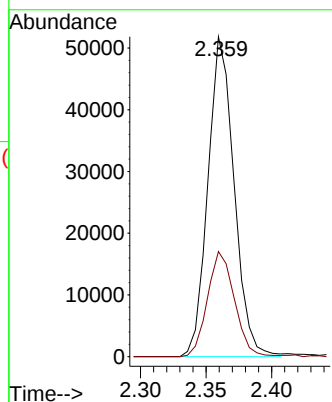
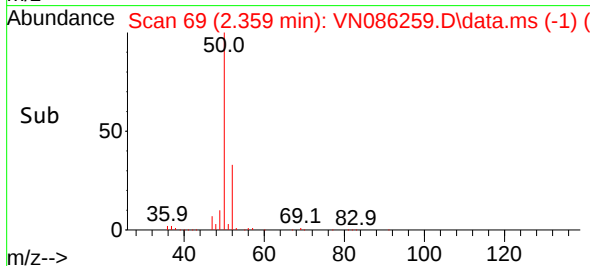
Instrument :
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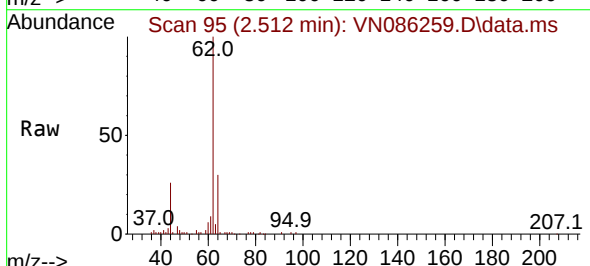
Tgt Ion: 50 Resp: 7199
Ion Ratio Lower Upper
50 100
52 32.9 26.4 39.6

Manual Integrations
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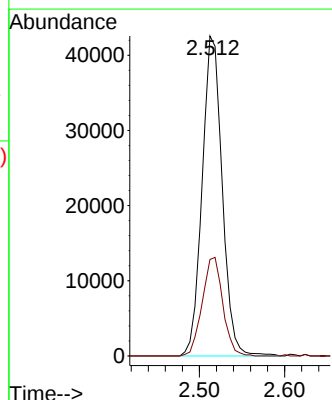
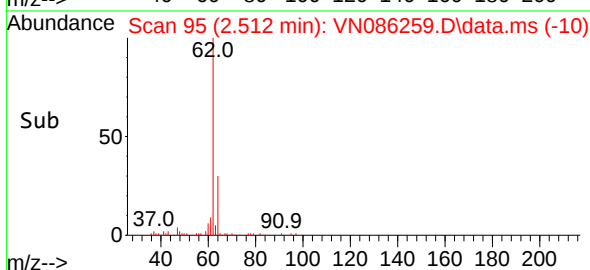
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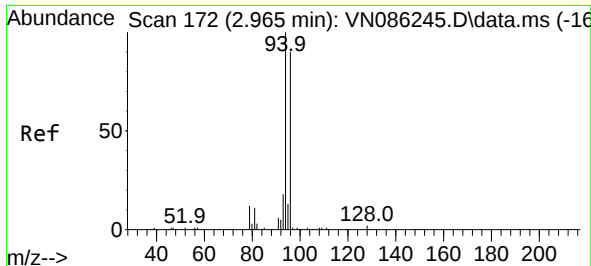


#4
Vinyl Chloride
Concen: 18.312 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN086259.D
Acq: 14 Apr 2025 11:03



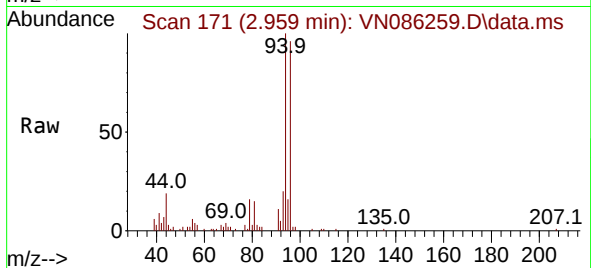
Tgt Ion: 62 Resp: 69656
Ion Ratio Lower Upper
62 100
64 30.2 26.3 39.5





#5
Bromomethane
Concen: 18.133 ug/l
RT: 2.959 min Scan# 172
Delta R.T. -0.006 min
Lab File: VN086259.D
Acq: 14 Apr 2025 11:03

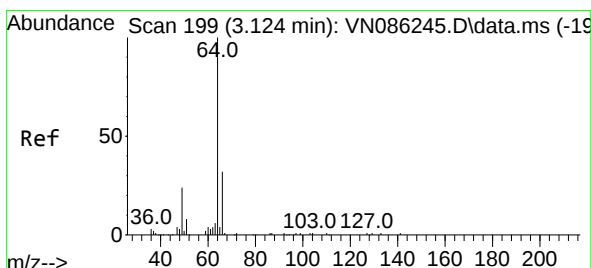
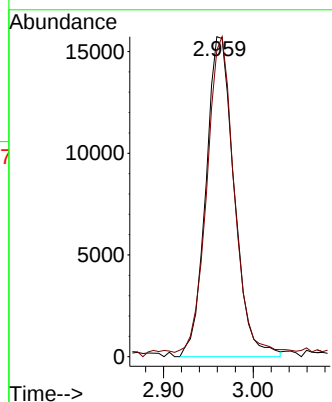
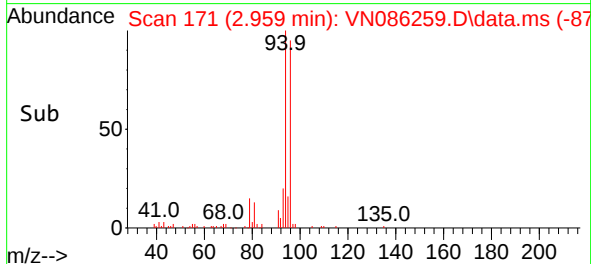
Instrument :
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Tgt Ion: 94 Resp: 34400
Ion Ratio Lower Upper
94 100
96 93.8 72.2 108.2

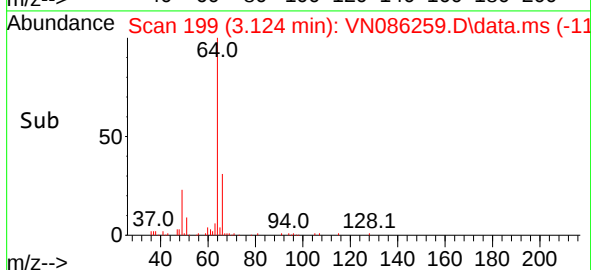
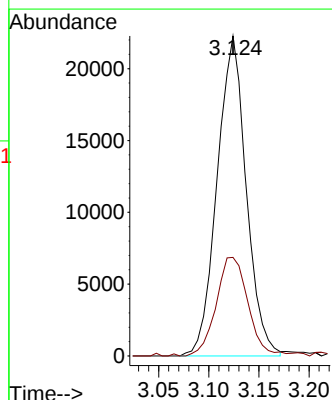
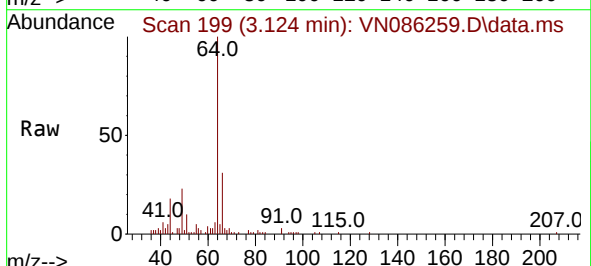
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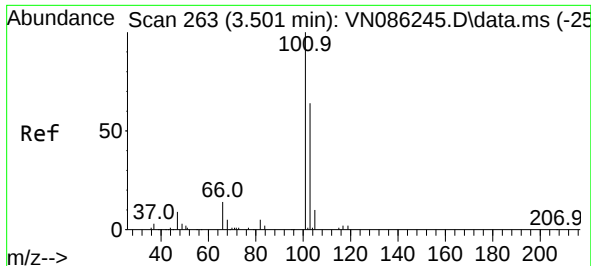
Reviewed By :John Carlone 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025



#6
Chloroethane
Concen: 18.685 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.000 min
Lab File: VN086259.D
Acq: 14 Apr 2025 11:03

Tgt Ion: 64 Resp: 44882
Ion Ratio Lower Upper
64 100
66 30.8 25.7 38.5





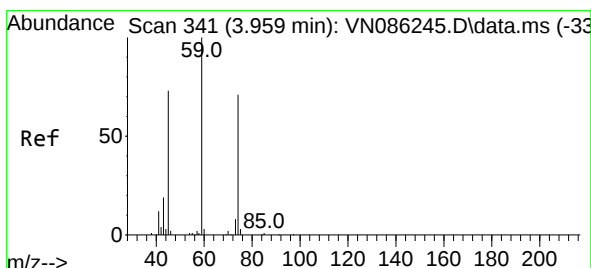
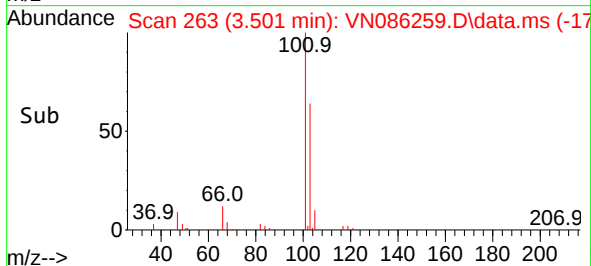
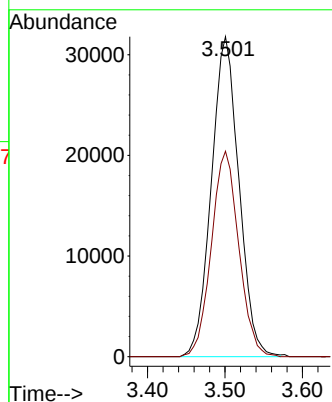
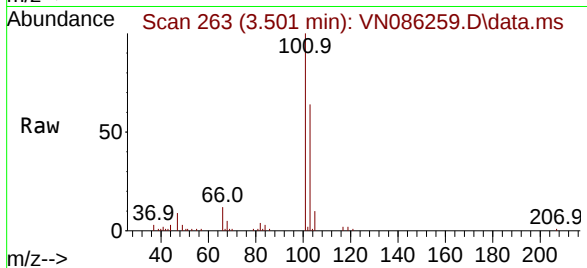
#7
 Trichlorofluoromethane
 Concen: 19.068 ug/l
 RT: 3.501 min Scan# 263
 Delta R.T. 0.000 min
 Lab File: VN086259.D
 Acq: 14 Apr 2025 11:03

Instrument :
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 VN0414WBSD01

Tgt Ion:101 Resp: 78678
 Ion Ratio Lower Upper
 101 100
 103 64.2 51.2 76.8

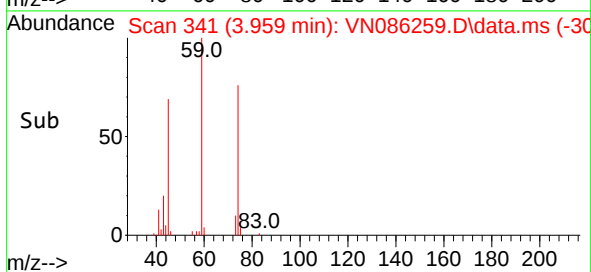
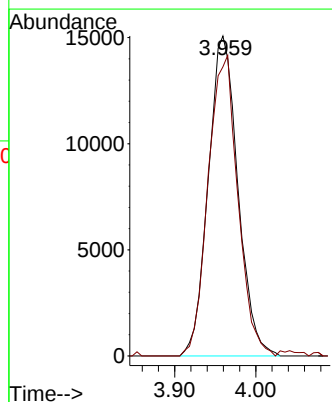
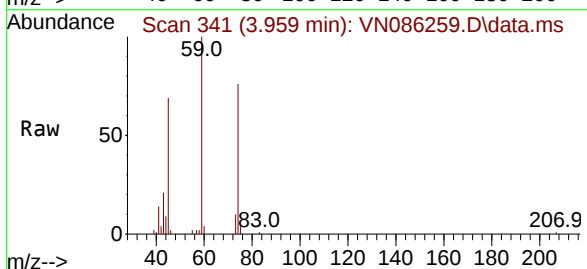
Manual Integrations
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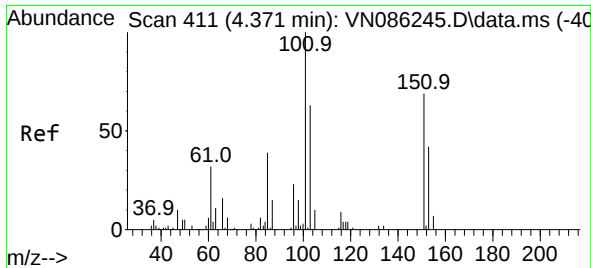
Reviewed By :John Carlone 04/16/2025
 Supervised By :Semsettin Yesilyurt 04/16/2025



#8
 Diethyl Ether
 Concen: 20.071 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. 0.000 min
 Lab File: VN086259.D
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Tgt Ion: 74 Resp: 38193
 Ion Ratio Lower Upper
 74 100
 45 94.4 19.2 173.2





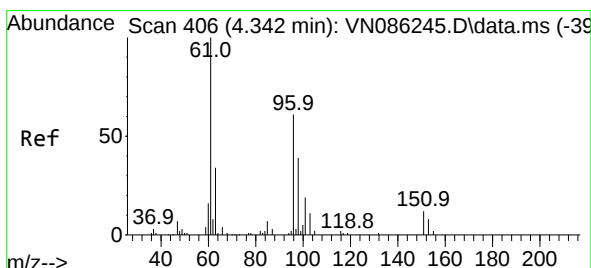
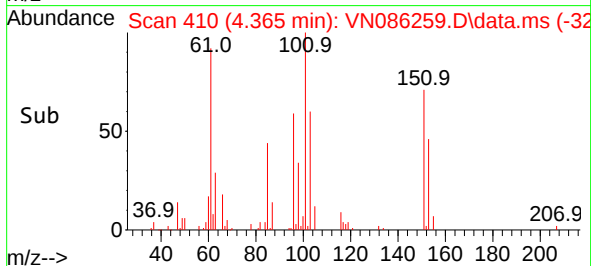
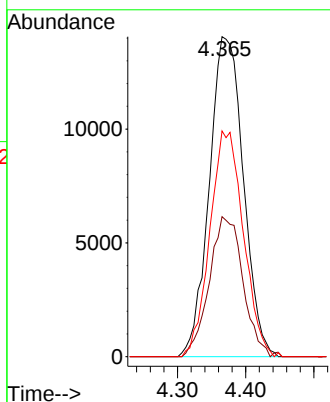
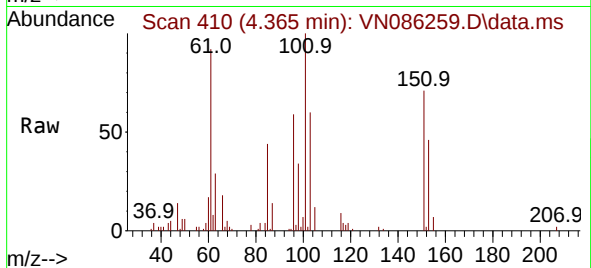
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1,1,2-Trichlorotrifluoroethane
Concen: 19.195 ug/l
RT: 4.365 min Scan# 411
Delta R.T. -0.006 min
Lab File: VN086259.D
Acq: 14 Apr 2025 11:03

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MSVOA_N
ClientSampleId :
VN0414WBSD01

Tgt Ion:101 Resp: 48840
Ion Ratio Lower Upper
101 100
85 43.0 0.0 93.0
151 69.3 0.0 138.6

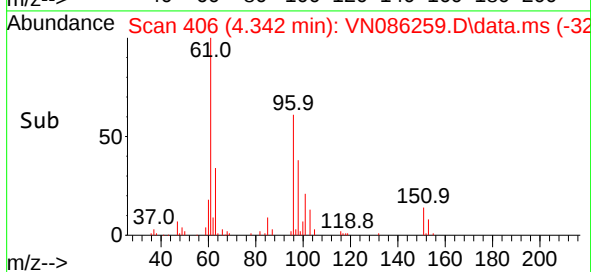
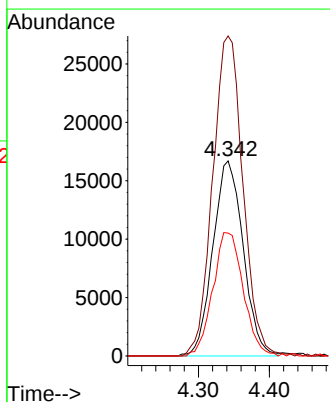
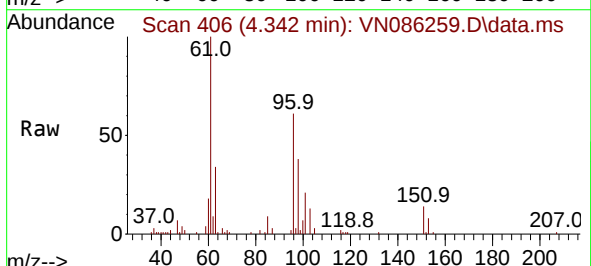
Manual Integrations
APPROVED

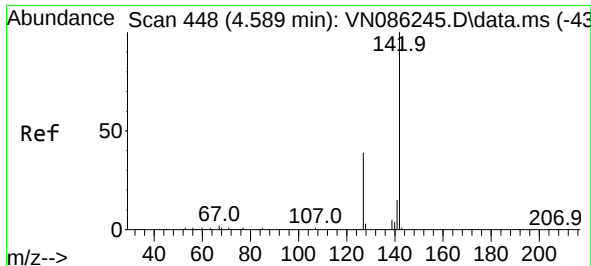
Reviewed By :John Carlone 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025



#10
1,1-Dichloroethene
Concen: 18.006 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.000 min
Lab File: VN086259.D
Acq: 14 Apr 2025 11:03

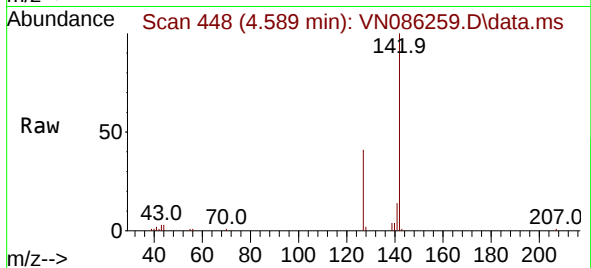
Tgt Ion: 96 Resp: 49445
Ion Ratio Lower Upper
96 100
61 164.0 131.1 196.7
98 63.0 51.6 77.4





#11
Methyl Iodide
Concen: 18.980 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.000 min
Lab File: VN086259.D
Acq: 14 Apr 2025 11:03

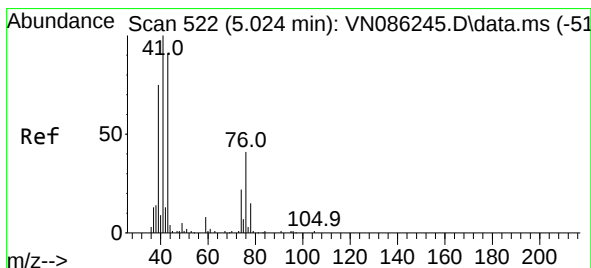
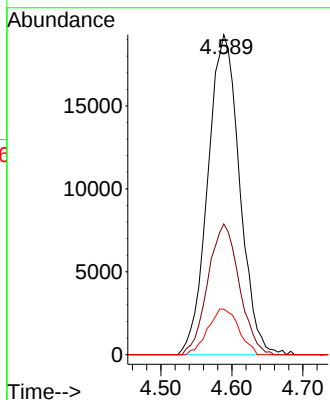
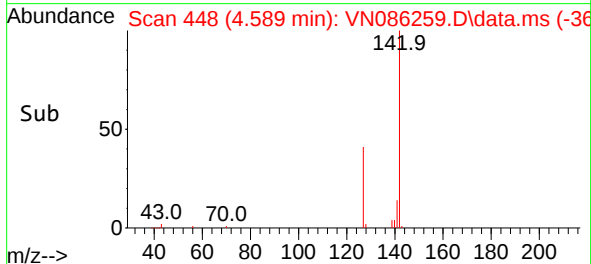
Instrument :
MSVOA_N
ClientSampleId :
VN0414WBSD01



Tgt Ion:142 Resp: 59902
Ion Ratio Lower Upper
142 100
127 41.0 19.6 58.8
141 14.3 7.3 21.9

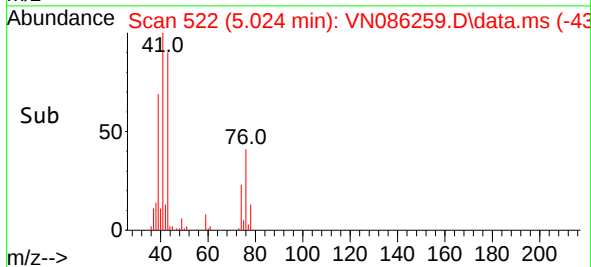
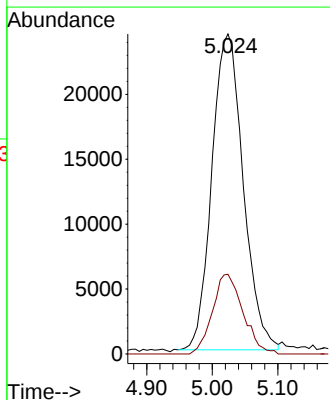
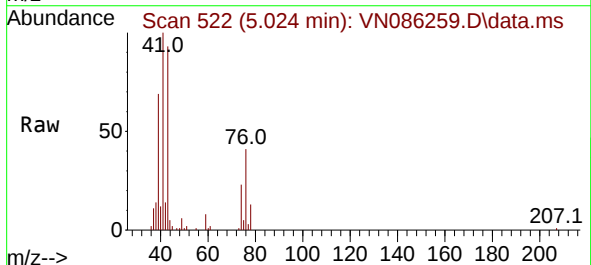
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APPROVED

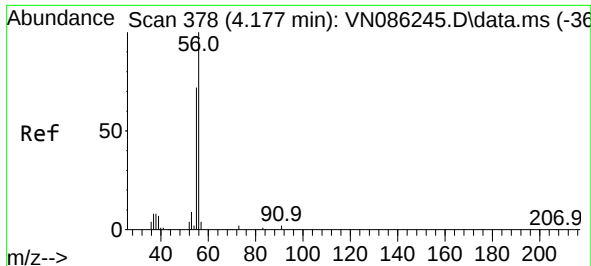
Reviewed By :John Carlone 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025



#12
Methyl Acetate
Concen: 20.830 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.000 min
Lab File: VN086259.D
Acq: 14 Apr 2025 11:03

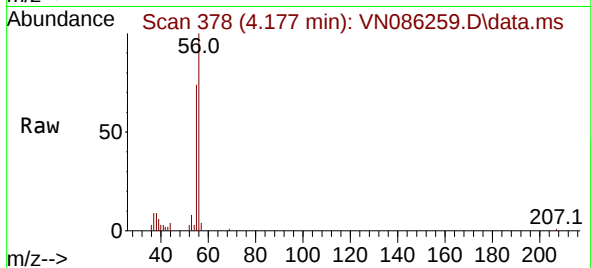
Tgt Ion: 43 Resp: 80774
Ion Ratio Lower Upper
43 100
74 25.5 19.1 28.7





#13
Acrolein
Concen: 109.048 ug/l
RT: 4.177 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN086259.D
Acq: 14 Apr 2025 11:03

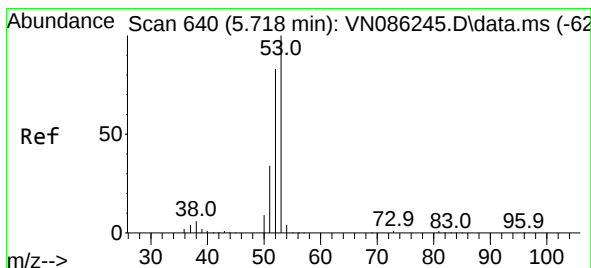
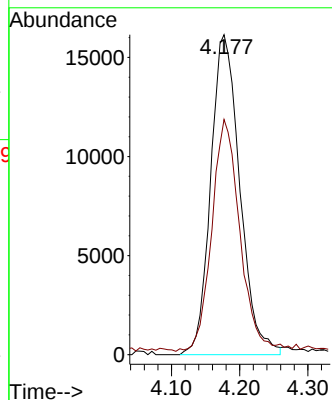
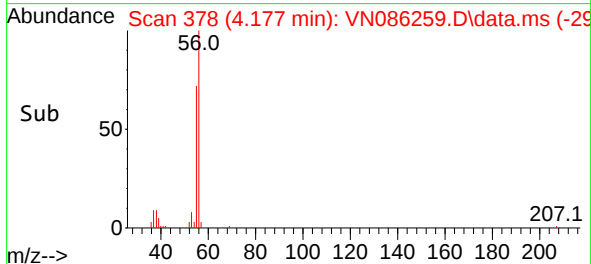
Instrument :
MSVOA_N
ClientSampleId :
VN0414WBSD01



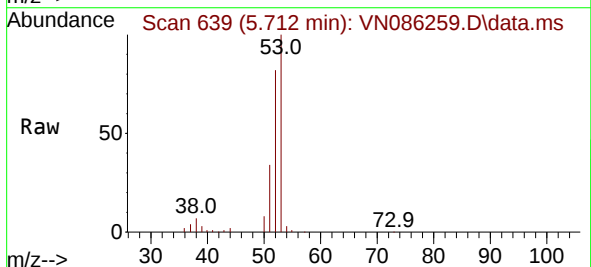
Tgt Ion: 56 Resp: 4806
Ion Ratio Lower Upper
56 100
55 67.7 56.5 84.7

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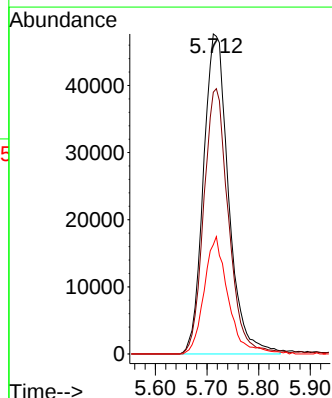
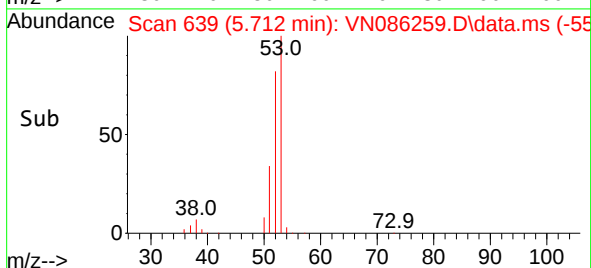
Reviewed By :John Carlone 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025

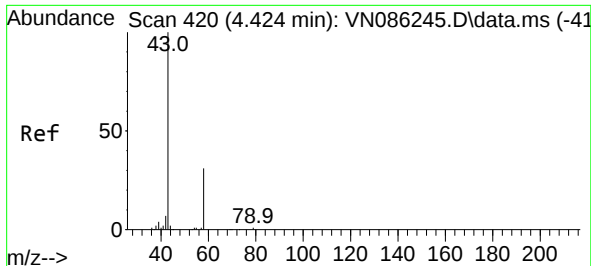


#14
Acrylonitrile
Concen: 98.458 ug/l
RT: 5.712 min Scan# 639
Delta R.T. -0.006 min
Lab File: VN086259.D
Acq: 14 Apr 2025 11:03



Tgt Ion: 53 Resp: 161179
Ion Ratio Lower Upper
53 100
52 80.3 40.2 120.6
51 34.1 17.5 52.6





#15

Acetone

Concen: 98.522 ug/l

RT: 4.424 min Scan# 41

Delta R.T. 0.000 min

Lab File: VN086259.D

Acq: 14 Apr 2025 11:03

Instrument :

MSVOA_N

ClientSampleId :

VN0414WBSD01

Tgt Ion: 58 Resp: 40894

Ion Ratio Lower Upper

58 100

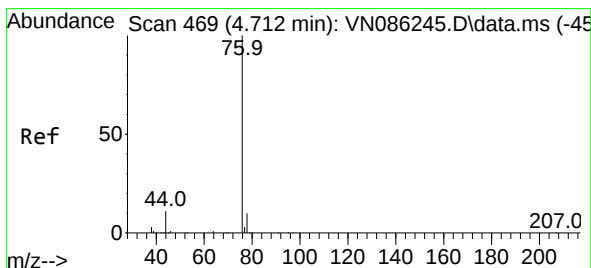
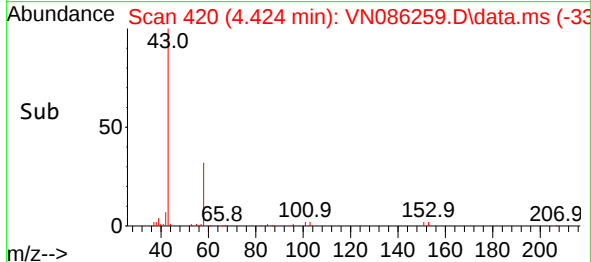
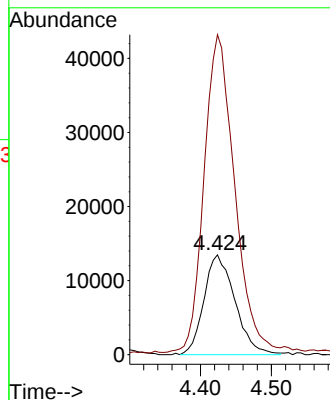
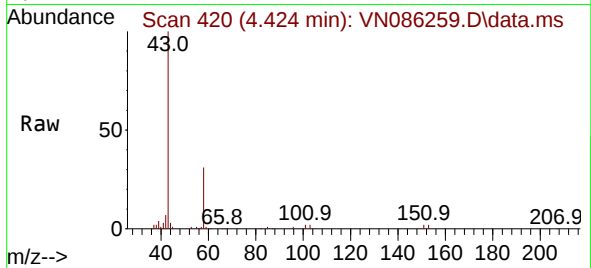
43 314.5 261.8 392.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/16/2025

Supervised By :Semsettin Yesilyurt 04/16/2025



#16

Carbon Disulfide

Concen: 18.153 ug/l

RT: 4.712 min Scan# 469

Delta R.T. 0.000 min

Lab File: VN086259.D

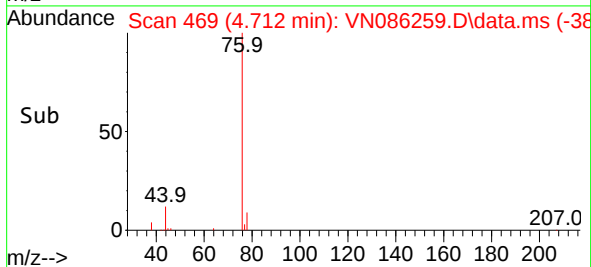
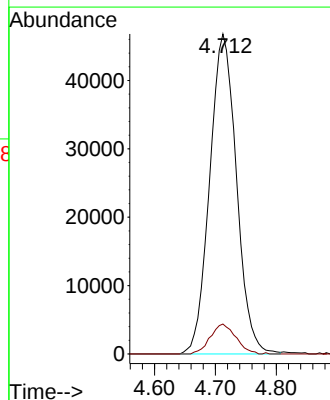
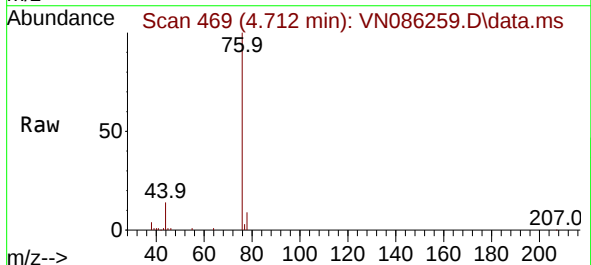
Acq: 14 Apr 2025 11:03

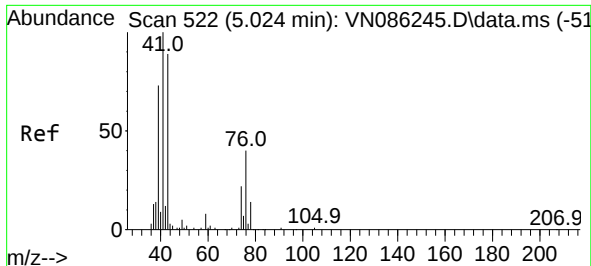
Tgt Ion: 76 Resp: 142937

Ion Ratio Lower Upper

76 100

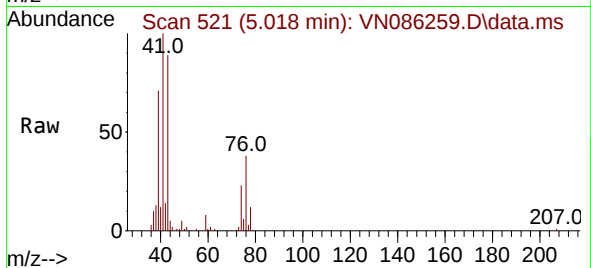
78 9.4 7.7 11.5





#17
Allyl chloride
Concen: 18.150 ug/l
RT: 5.018 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN086259.D
Acq: 14 Apr 2025 11:03

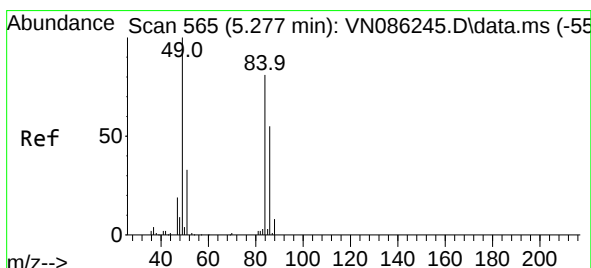
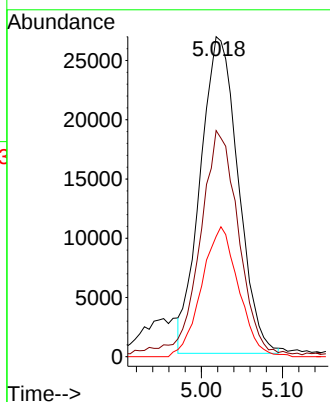
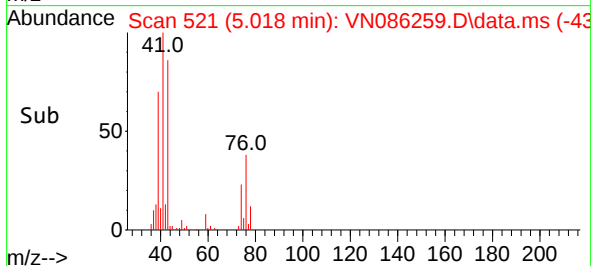
Instrument :
MSVOA_N
ClientSampleId :
VN0414WBSD01



Tgt Ion: 41 Resp: 8686
Ion Ratio Lower Upper
41 100
39 71.2 34.4 103.2
76 37.8 18.8 56.3

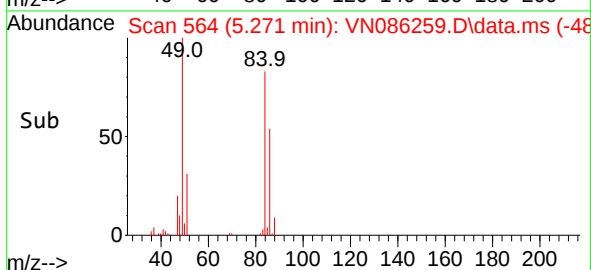
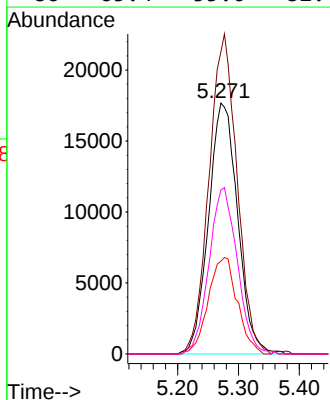
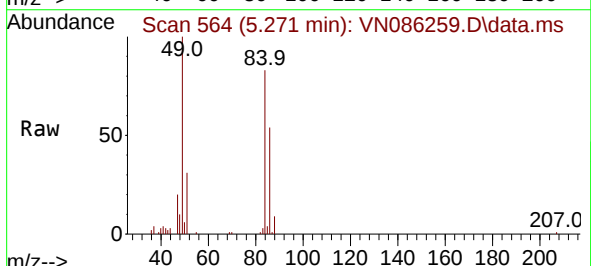
Manual Integrations
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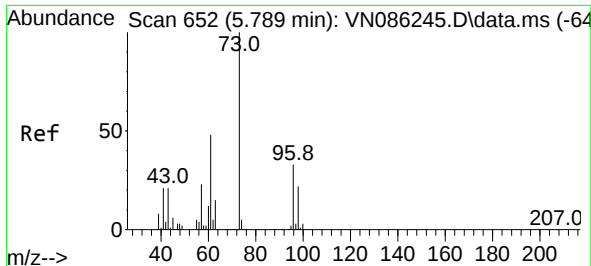
Reviewed By :John Carlone 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025



#18
Methylene Chloride
Concen: 18.757 ug/l
RT: 5.271 min Scan# 564
Delta R.T. -0.006 min
Lab File: VN086259.D
Acq: 14 Apr 2025 11:03

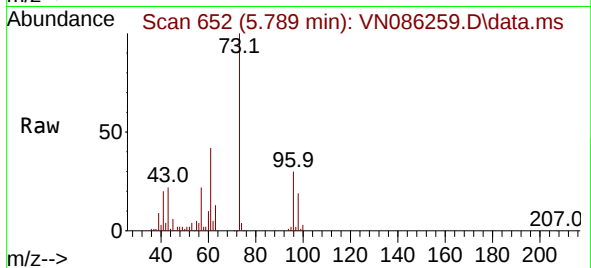
Tgt Ion: 84 Resp: 58725
Ion Ratio Lower Upper
84 100
49 120.5 99.1 148.7
51 37.0 32.3 48.5
86 65.4 55.0 82.4





#19
trans-1,2-Dichloroethene
Concen: 18.520 ug/l
RT: 5.789 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN086259.D
Acq: 14 Apr 2025 11:03

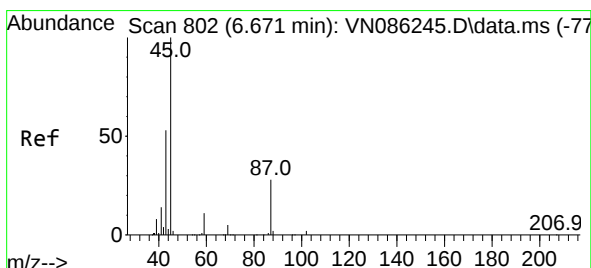
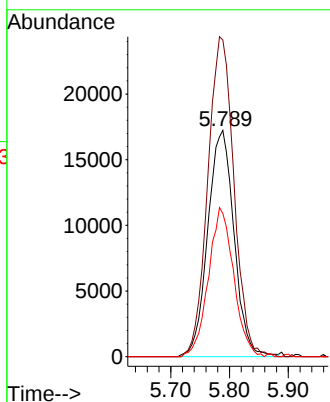
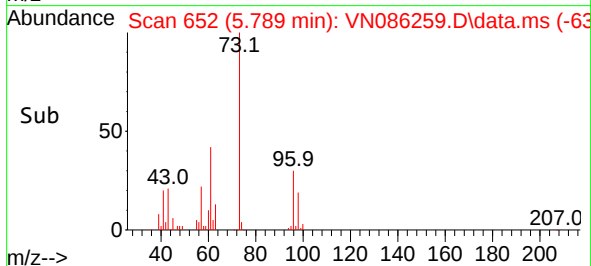
Instrument :
MSVOA_N
ClientSampleId :
VN0414WBSD01



Tgt Ion: 96 Resp: 5356
Ion Ratio Lower Upper
96 100
61 140.0 115.9 173.9
98 63.3 52.1 78.1

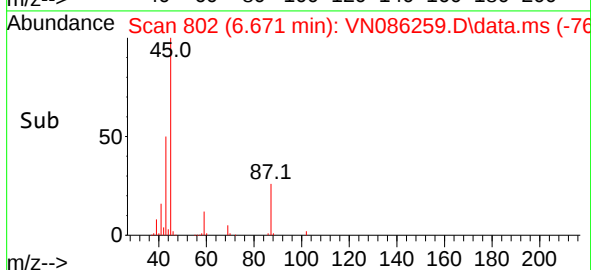
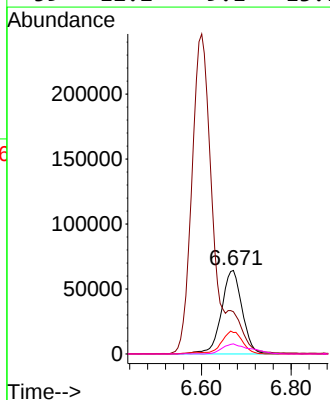
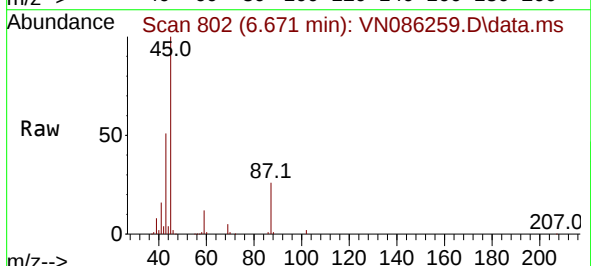
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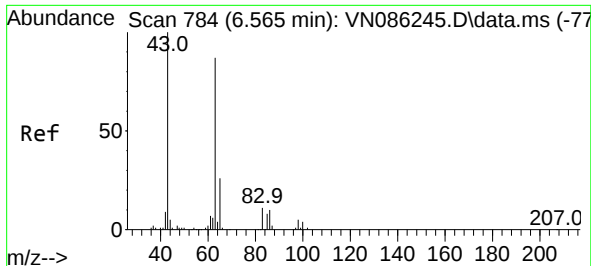
Reviewed By :John Carlone 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025



#20
Diisopropyl ether
Concen: 20.060 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.000 min
Lab File: VN086259.D
Acq: 14 Apr 2025 11:03

Tgt Ion: 45 Resp: 206398
Ion Ratio Lower Upper
45 100
43 49.2 42.3 63.5
87 25.6 22.2 33.4
59 12.2 9.1 13.7





#21

1,1-Dichloroethane

Concen: 19.237 ug/l

RT: 6.565 min Scan# 71

Delta R.T. 0.000 min

Lab File: VN086259.D

Acq: 14 Apr 2025 11:03

Instrument :

MSVOA_N

ClientSampleId :

VN0414WBSD01

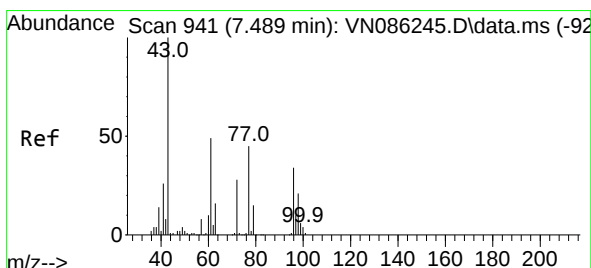
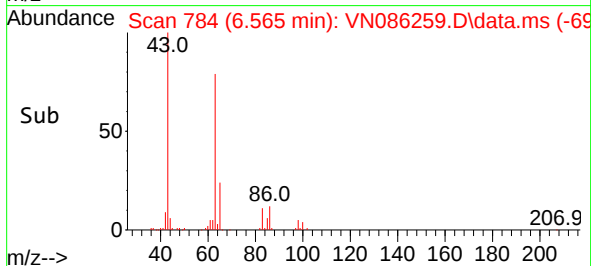
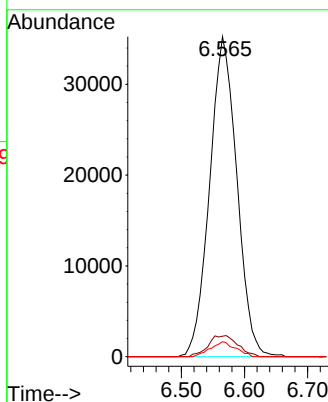
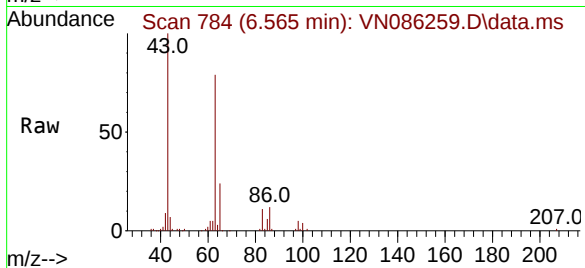
Tgt Ion: 63 Resp: 10560

Ion	Ratio	Lower	Upper
63	100		
98	6.4	3.1	9.3
100	4.7	2.3	6.9

Manual Integrations
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Reviewed By :John Carlone 04/16/2025

Supervised By :Semsettin Yesilyurt 04/16/2025



#22

cis-1,2-Dichloroethene

Concen: 19.121 ug/l

RT: 7.483 min Scan# 940

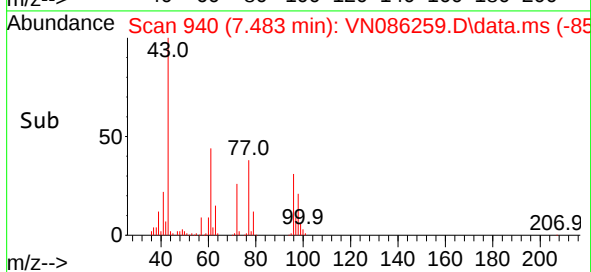
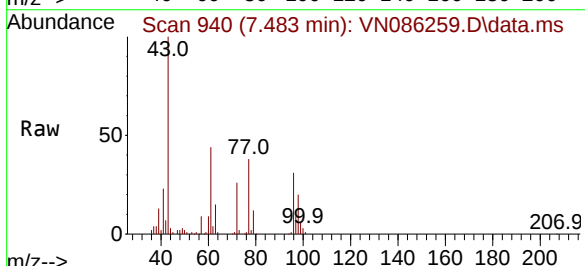
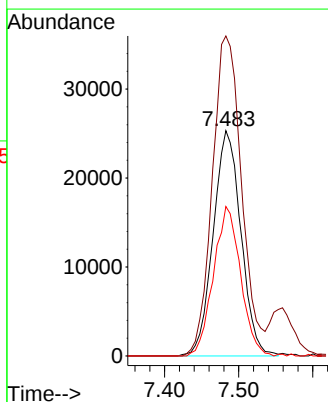
Delta R.T. -0.006 min

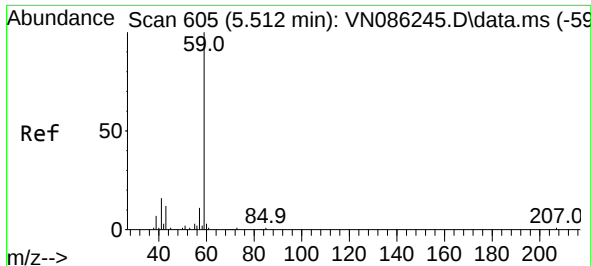
Lab File: VN086259.D

Acq: 14 Apr 2025 11:03

Tgt Ion: 96 Resp: 65882

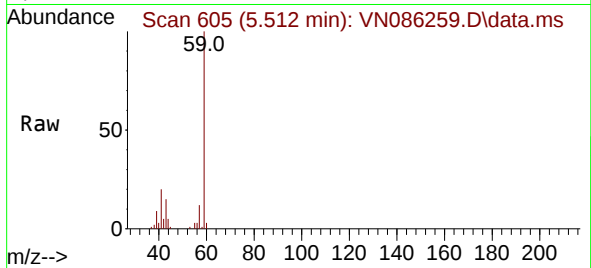
Ion	Ratio	Lower	Upper
96	100		
61	149.9	119.5	179.3
98	64.7	51.0	76.6





#23
tert-Butyl Alcohol
Concen: 102.708 ug/l
RT: 5.512 min Scan# 605
Delta R.T. 0.000 min
Lab File: VN086259.D
Acq: 14 Apr 2025 11:03

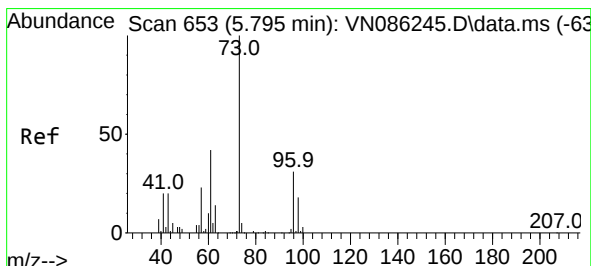
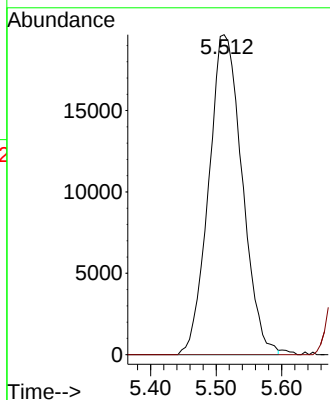
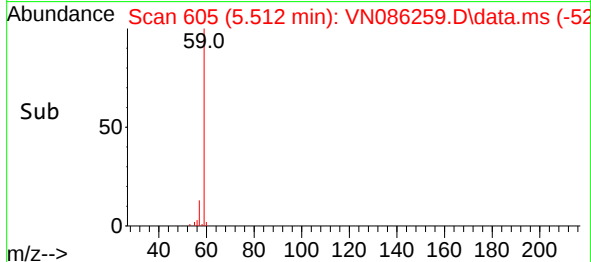
Instrument :
MSVOA_N
ClientSampleId :
VN0414WBSD01



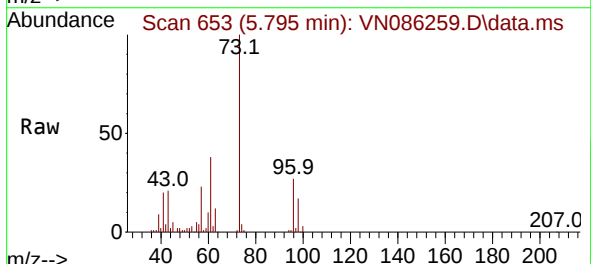
Tgt Ion: 59 Resp: 6966
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

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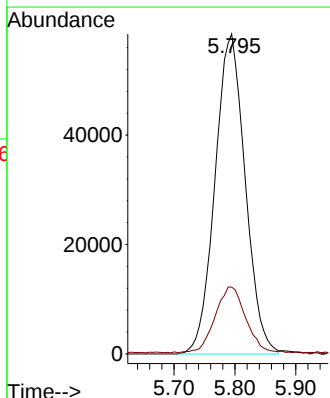
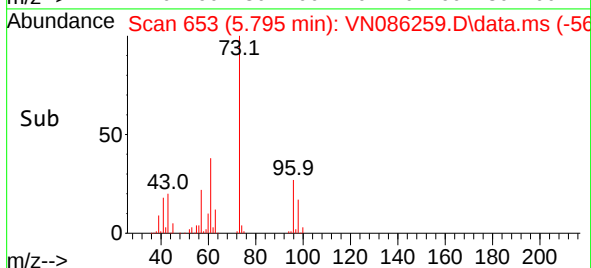
Reviewed By :John Carlone 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025

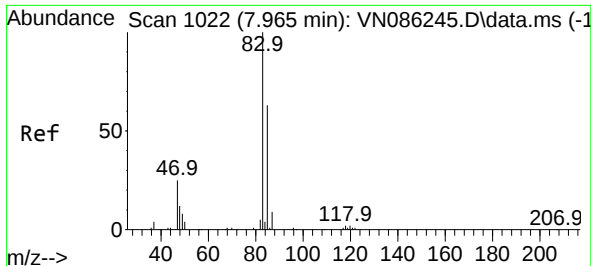


#24
Methyl tert-Butyl Ether
Concen: 20.306 ug/l
RT: 5.795 min Scan# 653
Delta R.T. 0.000 min
Lab File: VN086259.D
Acq: 14 Apr 2025 11:03



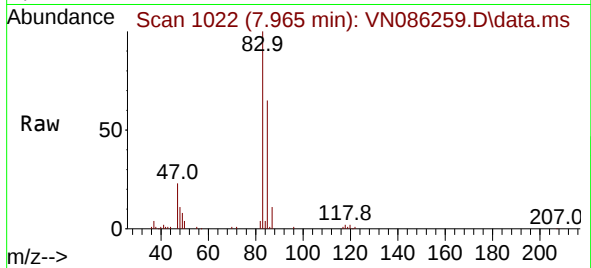
Tgt Ion: 73 Resp: 201225
Ion Ratio Lower Upper
73 100
43 20.7 16.8 25.2





#25
Chloroform
Concen: 19.837 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. 0.000 min
Lab File: VN086259.D
Acq: 14 Apr 2025 11:03

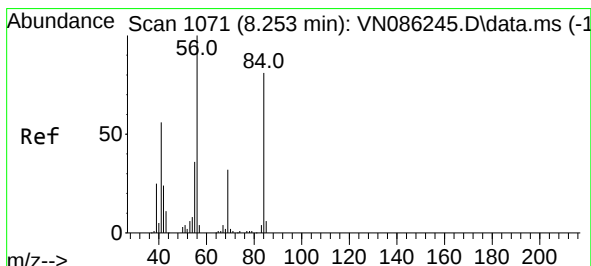
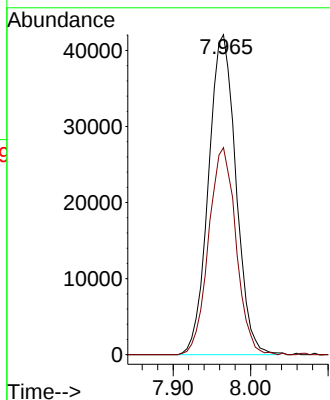
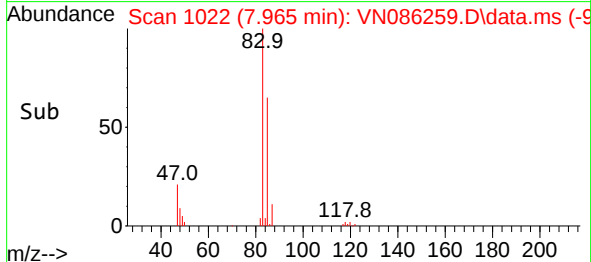
Instrument :
MSVOA_N
ClientSampleId :
VN0414WBSD01



Tgt Ion: 83 Resp: 10384
Ion Ratio Lower Upper
83 100
85 64.7 50.5 75.7

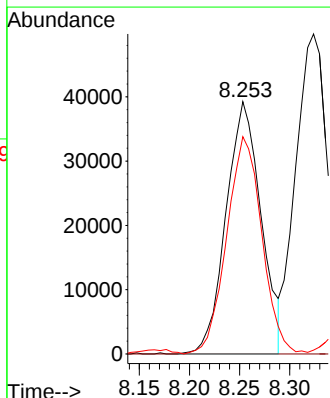
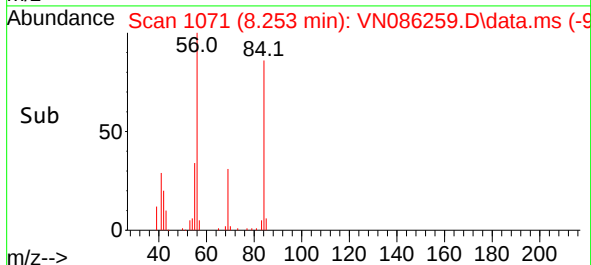
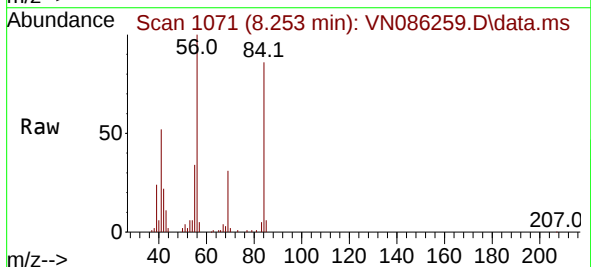
Manual Integrations
APPROVED

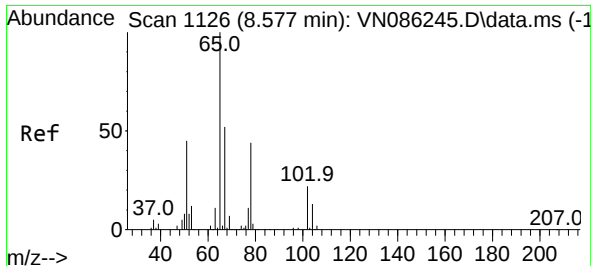
Reviewed By :John Carlone 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025



#26
Cyclohexane
Concen: 18.579 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. 0.000 min
Lab File: VN086259.D
Acq: 14 Apr 2025 11:03

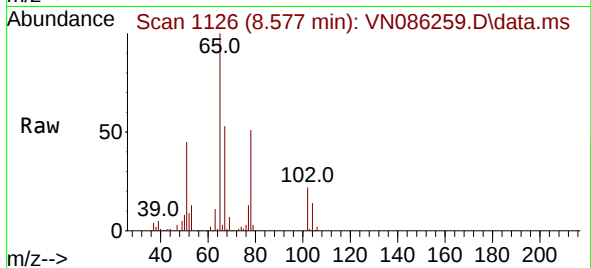
Tgt Ion: 56 Resp: 95417
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 86.4 69.0 103.4





#27
1,2-Dichloroethane-d4
Concen: 29.537 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN086259.D
Acq: 14 Apr 2025 11:03

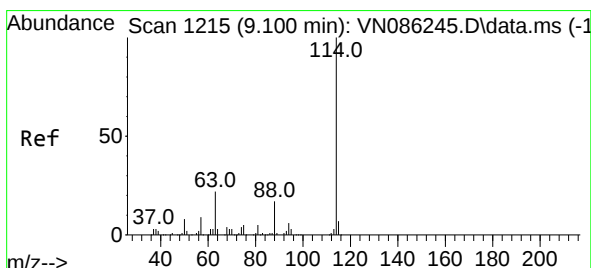
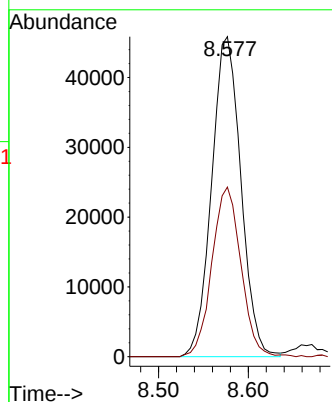
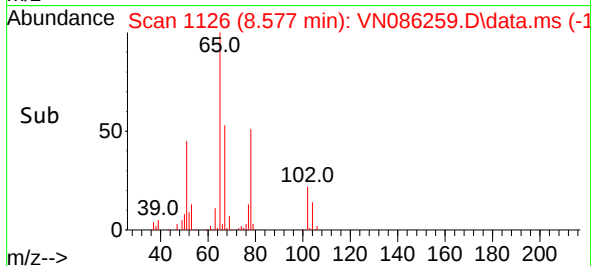
Instrument :
MSVOA_N
ClientSampleId :
VN0414WBSD01



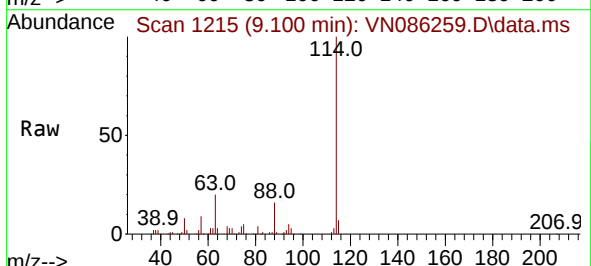
Tgt Ion: 65 Resp: 103894
Ion Ratio Lower Upper
65 100
67 52.2 43.4 65.2

Manual Integrations
APPROVED

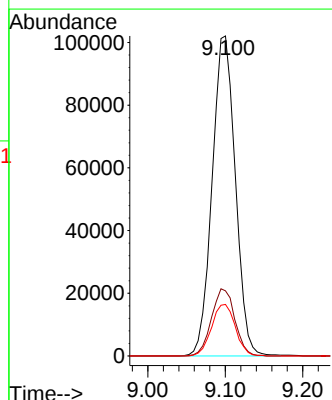
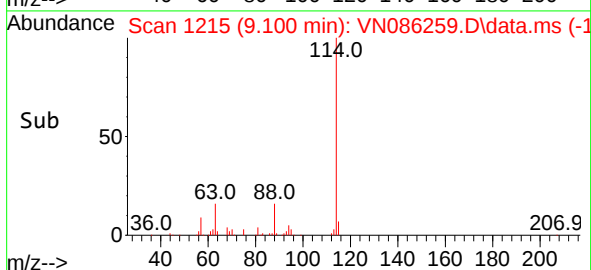
Reviewed By :John Carlone 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025

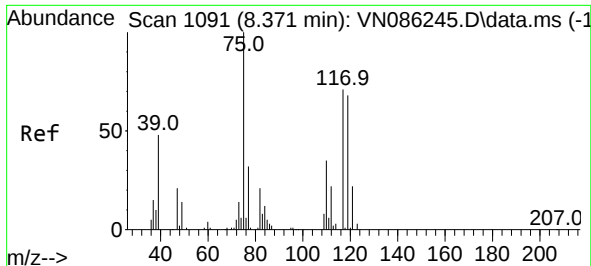


#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. 0.000 min
Lab File: VN086259.D
Acq: 14 Apr 2025 11:03



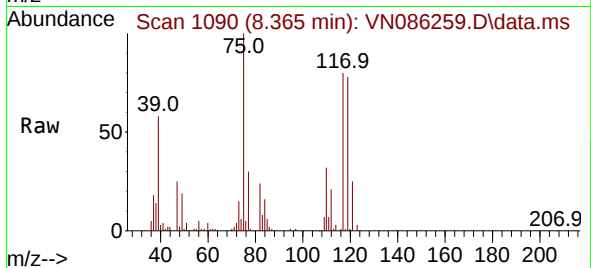
Tgt Ion:114 Resp: 212146
Ion Ratio Lower Upper
114 100
63 21.1 17.8 26.6
88 16.5 13.4 20.2





#29
1,1-Dichloropropene
Concen: 19.873 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. -0.006 min
Lab File: VN086259.D
Acq: 14 Apr 2025 11:03

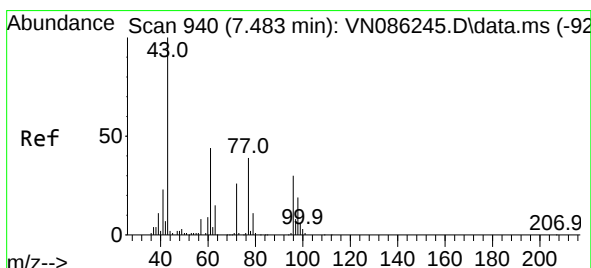
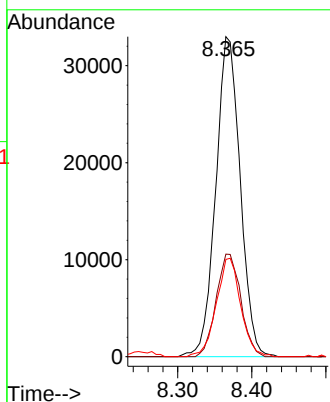
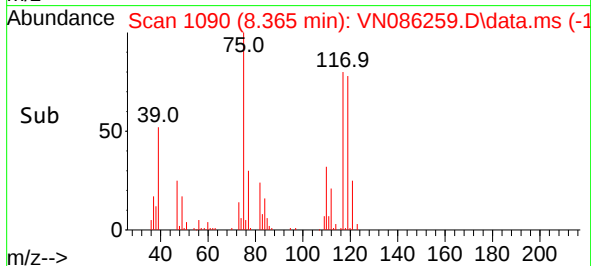
Instrument :
MSVOA_N
ClientSampleId :
VN0414WBSD01



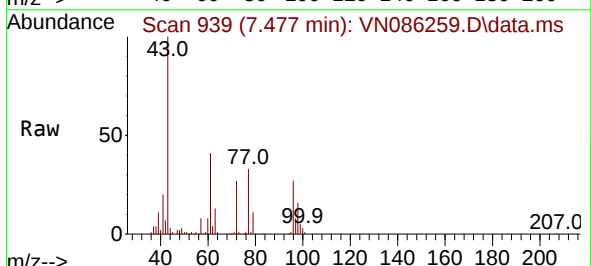
Tgt Ion: 75 Resp: 75520
Ion Ratio Lower Upper
75 100
110 32.2 0.0 68.6
77 30.7 0.0 63.8

Manual Integrations
APPROVED

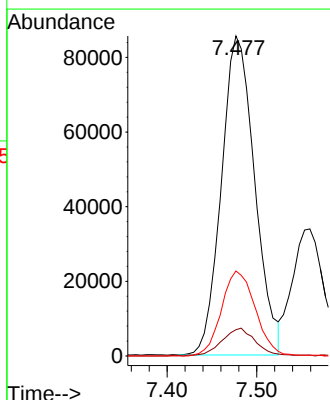
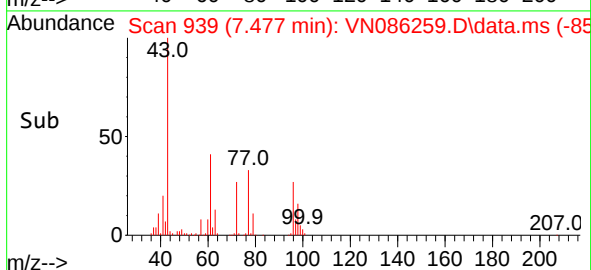
Reviewed By :John Carlone 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025

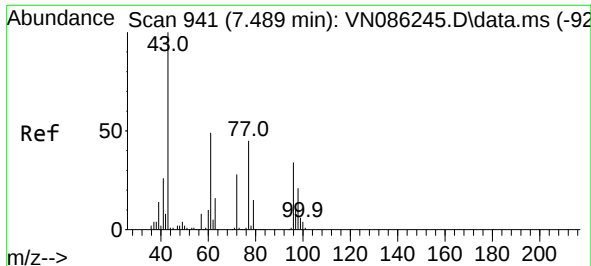


#30
2-Butanone
Concen: 104.878 ug/l
RT: 7.477 min Scan# 939
Delta R.T. -0.006 min
Lab File: VN086259.D
Acq: 14 Apr 2025 11:03



Tgt Ion: 43 Resp: 220855
Ion Ratio Lower Upper
43 100
57 8.7 6.4 9.6
72 27.1 21.5 32.3





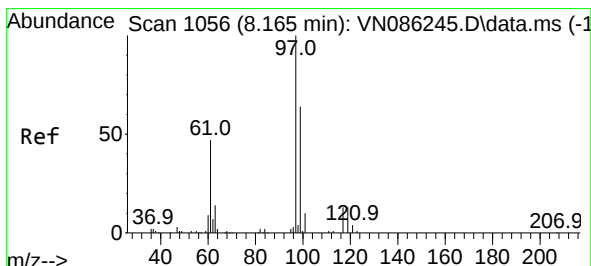
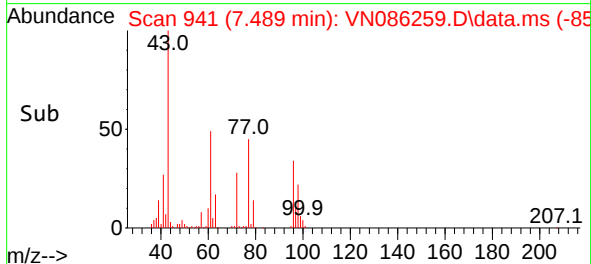
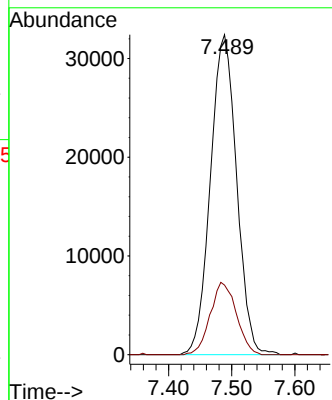
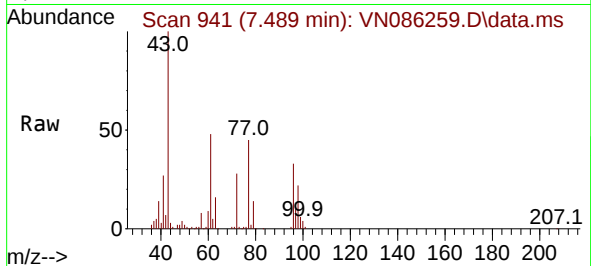
#31
2,2-Dichloropropane
Concen: 20.000 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN086259.D
Acq: 14 Apr 2025 11:03

Instrument :
MSVOA_N
ClientSampleId :
VN0414WBSD01

Tgt Ion: 77 Resp: 9355
Ion Ratio Lower Upper
77 100
97 22.5 18.8 28.2

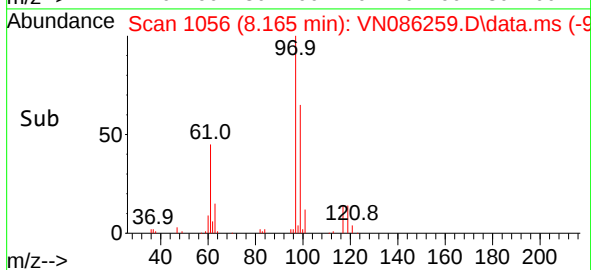
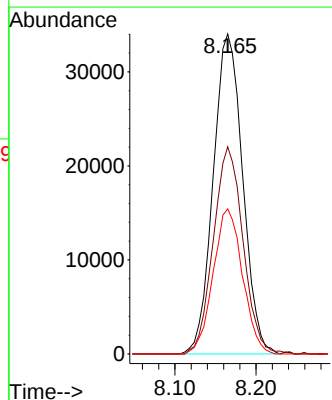
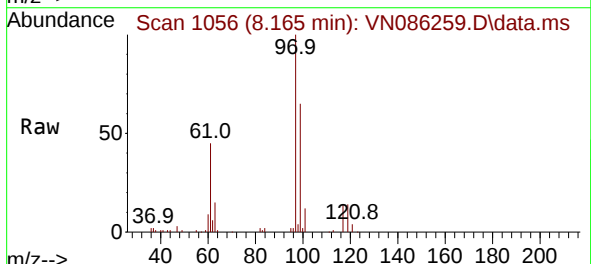
Manual Integrations
APPROVED

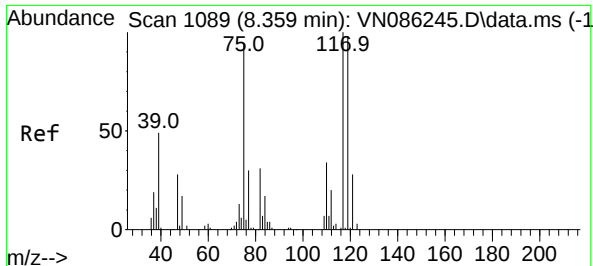
Reviewed By :John Carlone 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025



#32
1,1,1-Trichloroethane
Concen: 19.614 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN086259.D
Acq: 14 Apr 2025 11:03

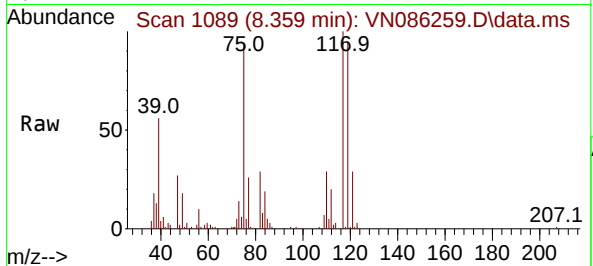
Tgt Ion: 97 Resp: 85744
Ion Ratio Lower Upper
97 100
99 65.4 51.4 77.2
61 45.3 37.0 55.6





#33
Carbon Tetrachloride
Concen: 20.005 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VN086259.D
Acq: 14 Apr 2025 11:03

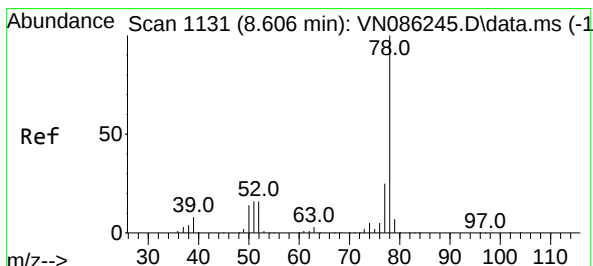
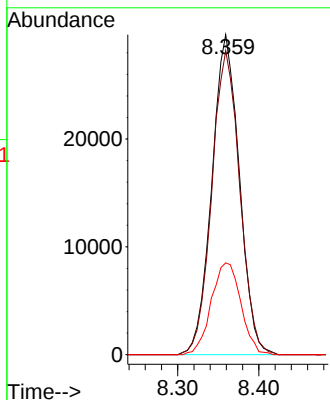
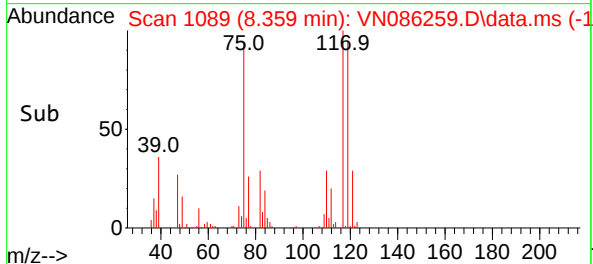
Instrument :
MSVOA_N
ClientSampleId :
VN0414WBSD01



Tgt Ion:117 Resp: 69889
Ion Ratio Lower Upper
117 100
119 95.0 78.3 117.5
121 28.7 22.5 33.7

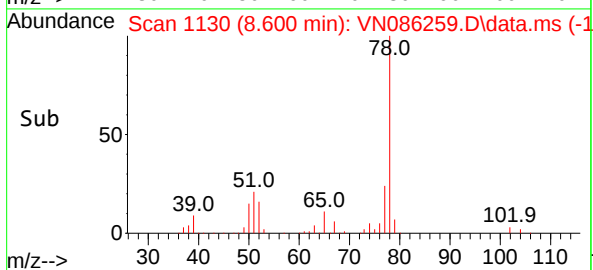
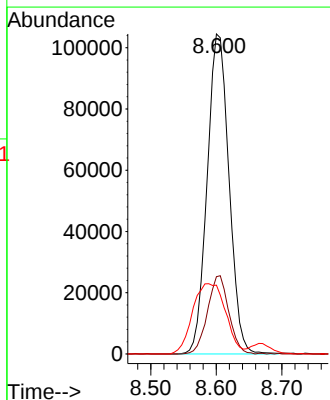
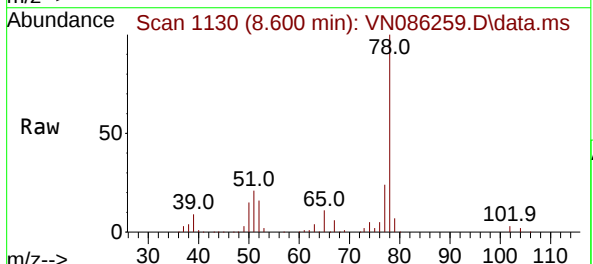
Manual Integrations
APPROVED

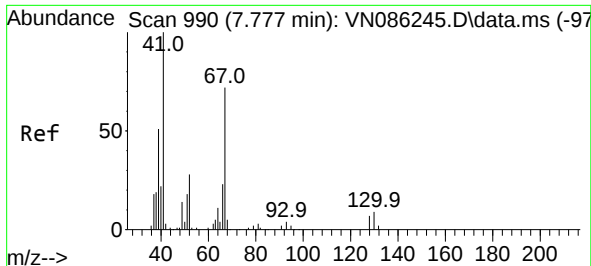
Reviewed By :John Carlone 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025



#34
Benzene
Concen: 20.046 ug/l
RT: 8.600 min Scan# 1130
Delta R.T. -0.006 min
Lab File: VN086259.D
Acq: 14 Apr 2025 11:03

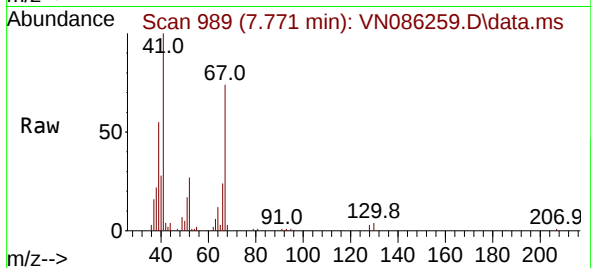
Tgt Ion: 78 Resp: 242368
Ion Ratio Lower Upper
78 100
77 24.2 20.0 30.0
51 20.7 12.9 19.3#





#35
Methacrylonitrile
Concen: 21.400 ug/l
RT: 7.771 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN086259.D
Acq: 14 Apr 2025 11:03

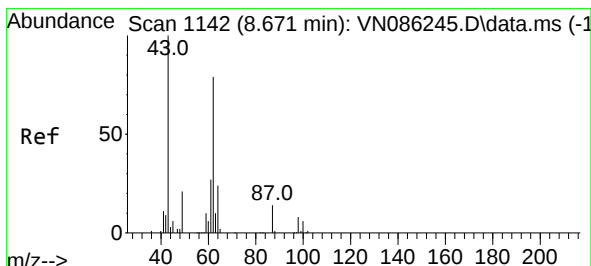
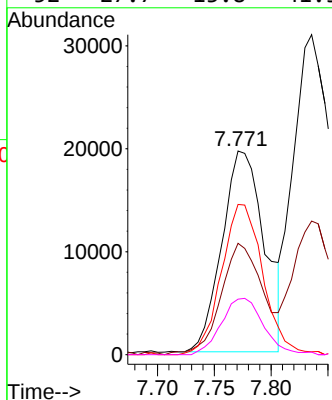
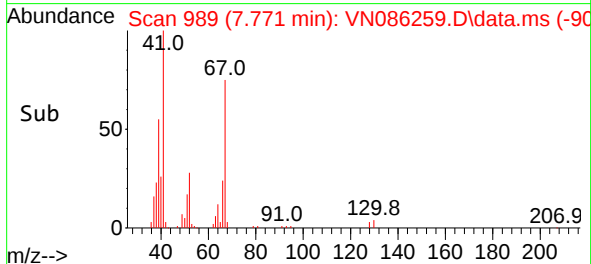
Instrument :
MSVOA_N
ClientSampleId :
VN0414WBSD01



Tgt Ion: 41 Resp: 50804
Ion Ratio Lower Upper
41 100
39 54.0 25.8 77.3
67 74.8 36.0 108.0
52 27.7 13.8 41.3

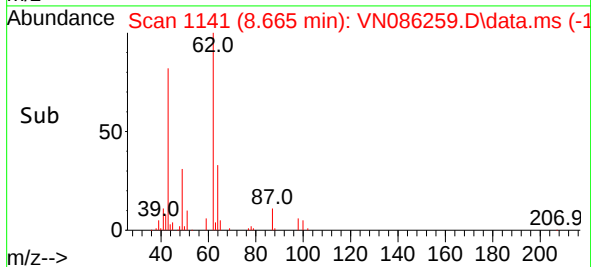
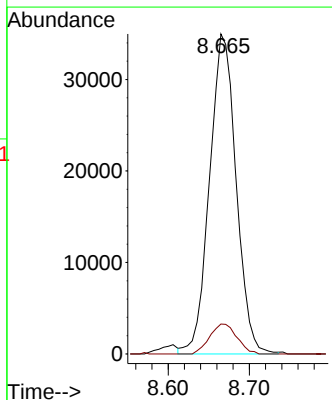
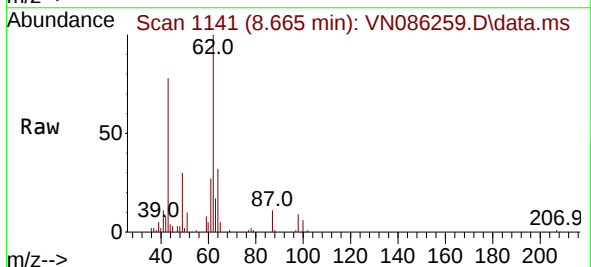
Manual Integrations
APPROVED

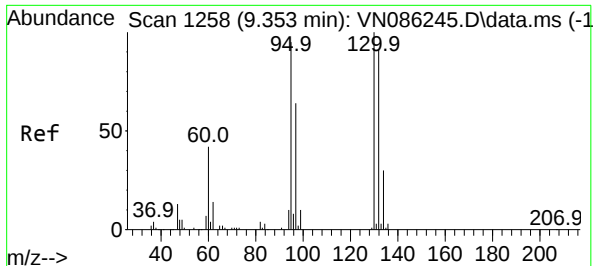
Reviewed By :John Carlone 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025



#36
1,2-Dichloroethane
Concen: 21.045 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. -0.006 min
Lab File: VN086259.D
Acq: 14 Apr 2025 11:03

Tgt Ion: 62 Resp: 79625
Ion Ratio Lower Upper
62 100
98 9.6 8.6 12.8





#37

Trichloroethene

Concen: 20.246 ug/l

RT: 9.347 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN086259.D

Acq: 14 Apr 2025 11:03

Instrument :

MSVOA_N

ClientSampleId :

VN0414WBSD01

Tgt Ion:130 Resp: 5906

Ion Ratio Lower Upper

130 100

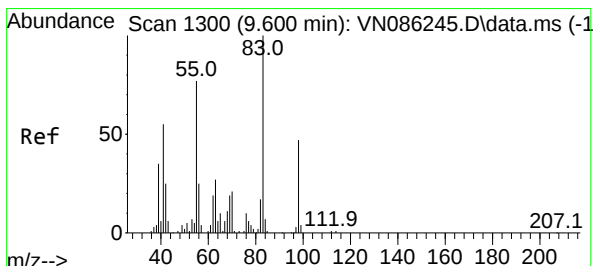
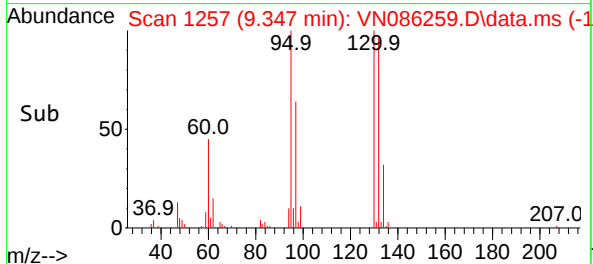
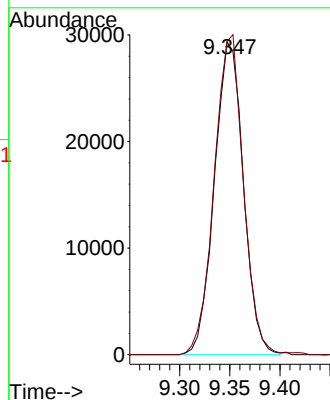
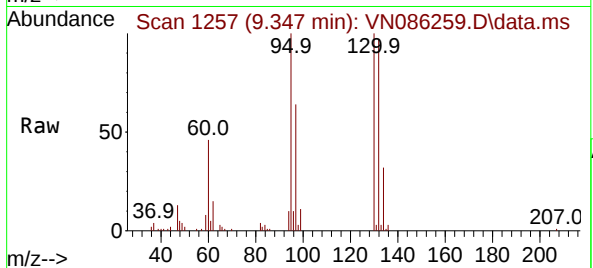
95 100.2 76.4 114.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/16/2025

Supervised By :Semsettin Yesilyurt 04/16/2025



#38

Methylcyclohexane

Concen: 18.796 ug/l

RT: 9.600 min Scan# 1300

Delta R.T. 0.000 min

Lab File: VN086259.D

Acq: 14 Apr 2025 11:03

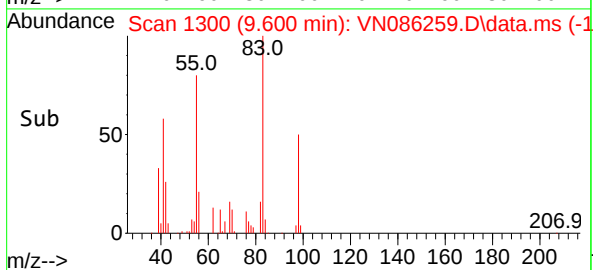
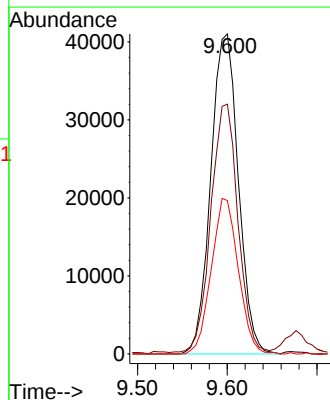
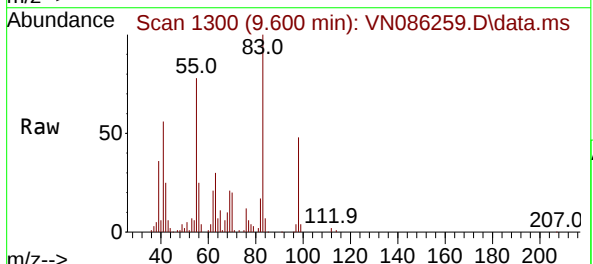
Tgt Ion: 83 Resp: 87606

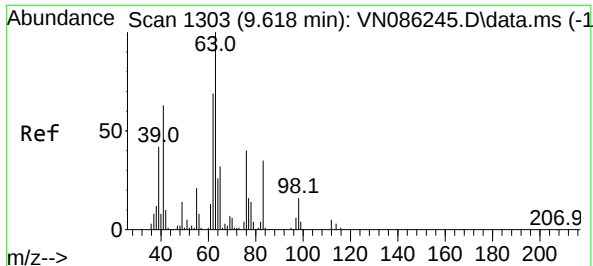
Ion Ratio Lower Upper

83 100

55 76.3 38.5 115.5

98 47.5 24.4 73.2





#39

1,2-Dichloropropane

Concen: 20.550 ug/l

RT: 9.618 min Scan# 1303

Delta R.T. 0.000 min

Lab File: VN086259.D

Acq: 14 Apr 2025 11:03

Instrument :

MSVOA_N

ClientSampleId :

VN0414WBSD01

Tgt Ion: 63 Resp: 6182

Ion Ratio Lower Upper

63 100

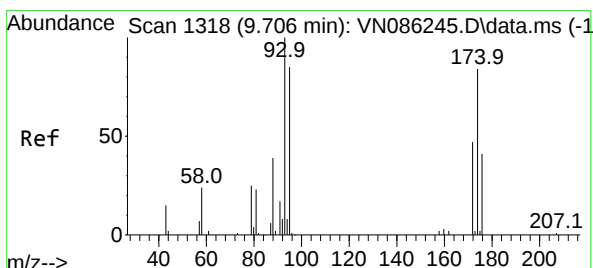
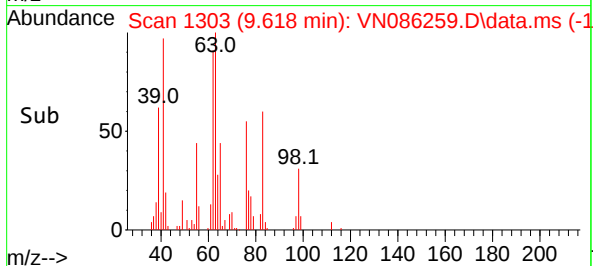
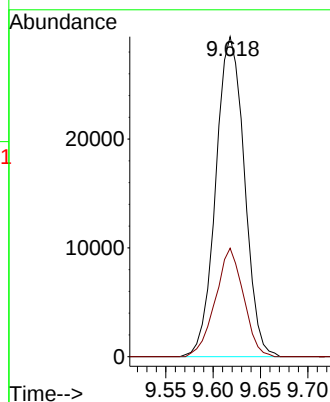
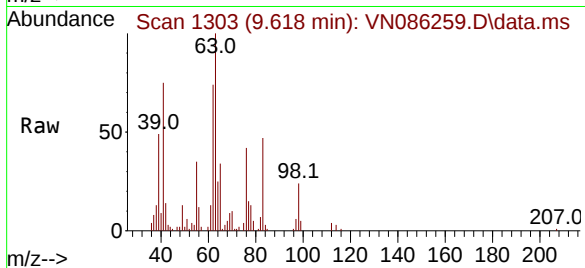
65 33.9 26.0 39.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/16/2025

Supervised By :Semsettin Yesilyurt 04/16/2025



#40

Dibromomethane

Concen: 20.905 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. 0.000 min

Lab File: VN086259.D

Acq: 14 Apr 2025 11:03

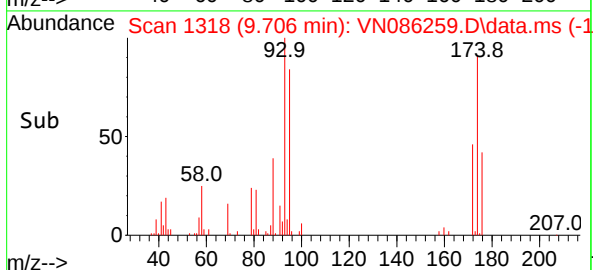
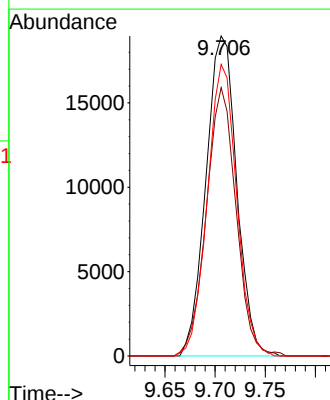
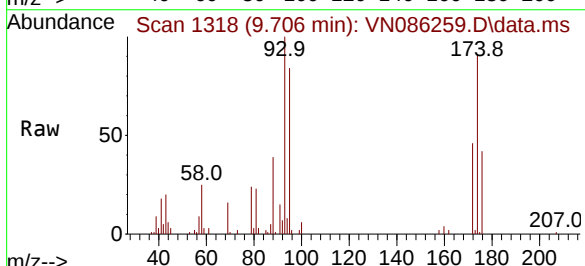
Tgt Ion: 93 Resp: 40620

Ion Ratio Lower Upper

93 100

95 80.4 0.0 169.0

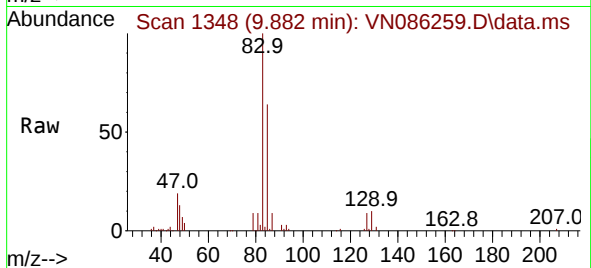
174 86.6 0.0 168.0





#41
Bromodichloromethane
Concen: 20.431 ug/l
RT: 9.882 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN086259.D
Acq: 14 Apr 2025 11:03

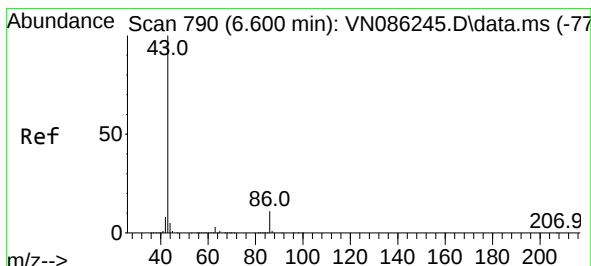
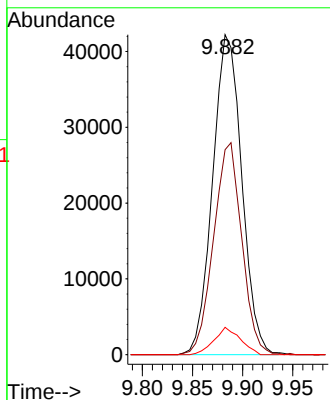
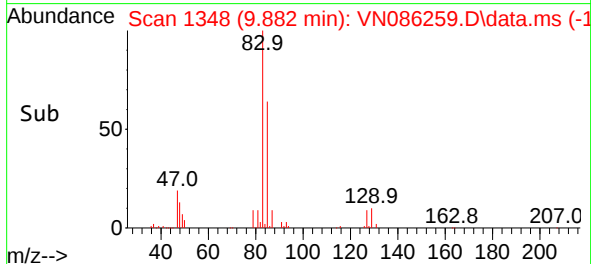
Instrument :
MSVOA_N
ClientSampleId :
VN0414WBSD01



Tgt Ion: 83 Resp: 8528
Ion Ratio Lower Upper
83 100
85 64.1 50.2 75.2
127 8.6 6.2 9.4

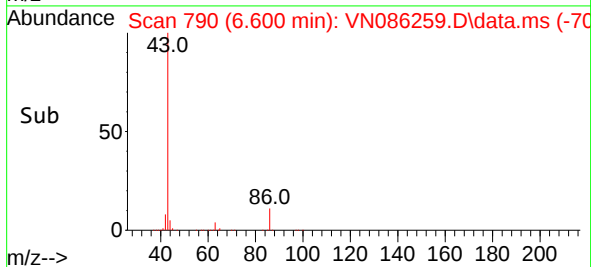
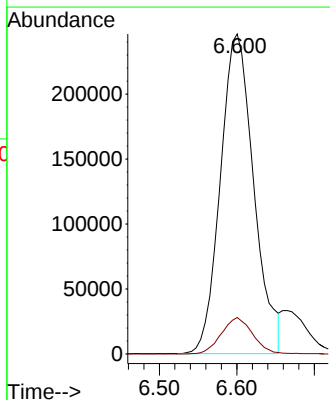
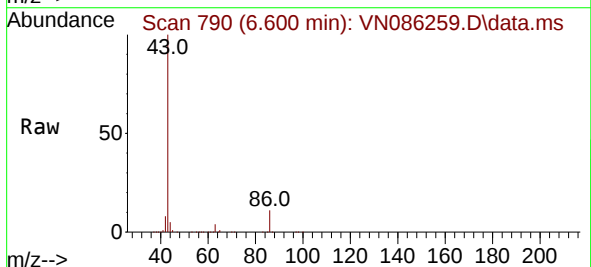
Manual Integrations
APPROVED

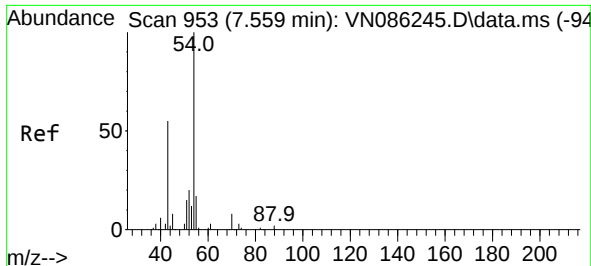
Reviewed By :John Carlone 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025



#42
Vinyl Acetate
Concen: 103.000 ug/l
RT: 6.600 min Scan# 790
Delta R.T. 0.000 min
Lab File: VN086259.D
Acq: 14 Apr 2025 11:03

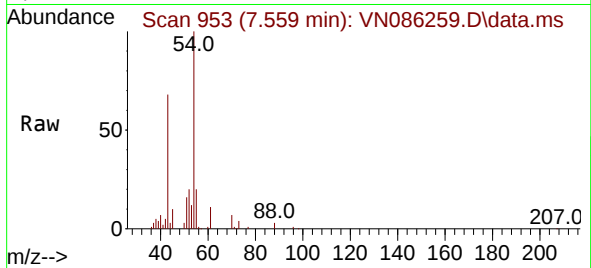
Tgt Ion: 43 Resp: 738325
Ion Ratio Lower Upper
43 100
86 10.7 8.4 12.6





#43
Ethyl Acetate
Concen: 20.390 ug/l
RT: 7.559 min Scan# 911
Delta R.T. 0.000 min
Lab File: VN086259.D
Acq: 14 Apr 2025 11:03

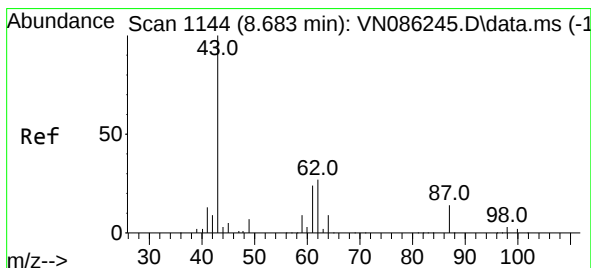
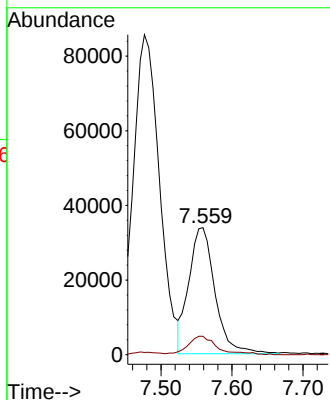
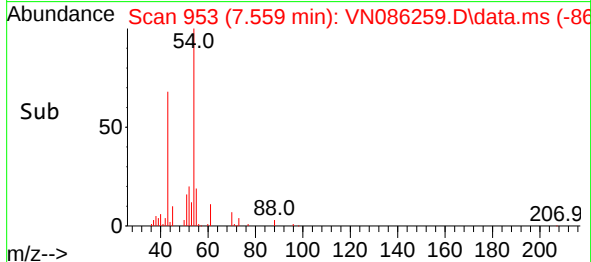
Instrument :
MSVOA_N
ClientSampleId :
VN0414WBSD01



Tgt Ion: 43 Resp: 86600
Ion Ratio Lower Upper
43 100
45 15.2 11.2 16.8

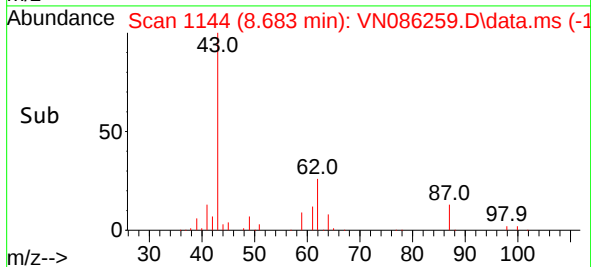
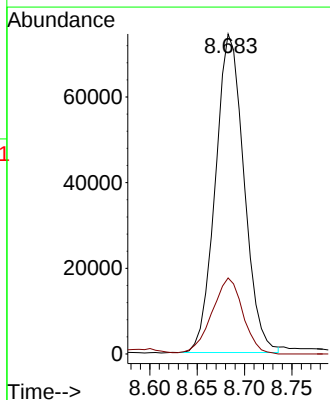
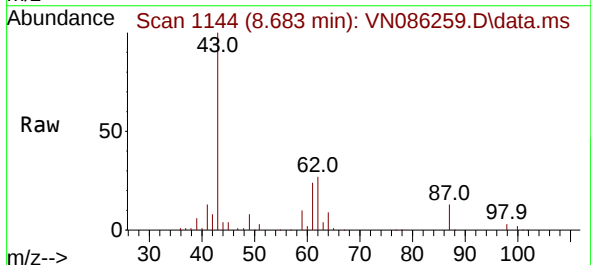
Manual Integrations
APPROVED

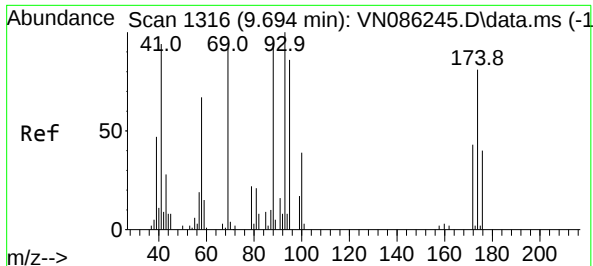
Reviewed By :John Carlone 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025



#44
Isopropyl Acetate
Concen: 19.868 ug/l
RT: 8.683 min Scan# 1144
Delta R.T. 0.000 min
Lab File: VN086259.D
Acq: 14 Apr 2025 11:03

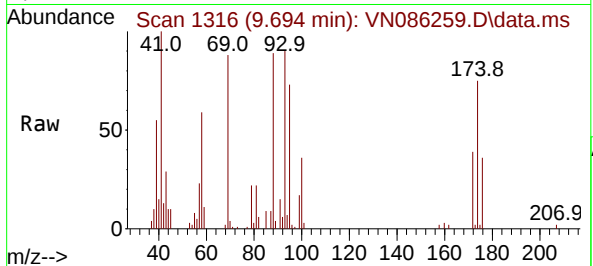
Tgt Ion: 43 Resp: 156559
Ion Ratio Lower Upper
43 100
61 25.8 20.5 30.7





#45
1,4-Dioxane
Concen: 423.818 ug/l
RT: 9.694 min Scan# 1316
Delta R.T. 0.000 min
Lab File: VN086259.D
Acq: 14 Apr 2025 11:03

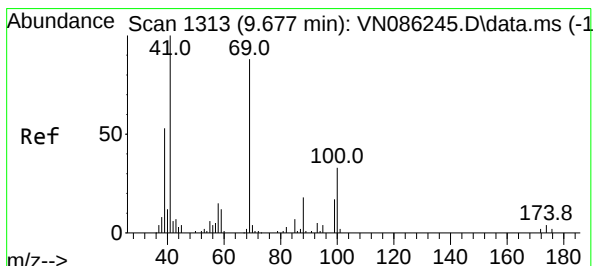
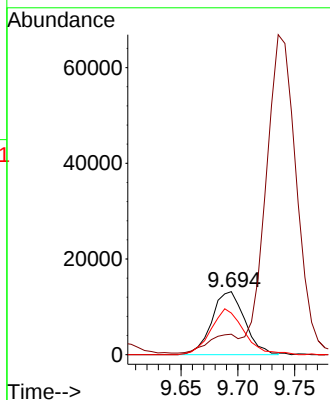
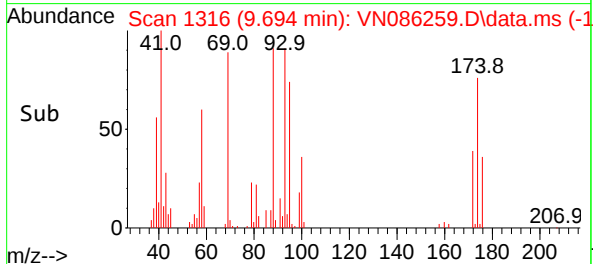
Instrument :
MSVOA_N
ClientSampleId :
VN0414WBSD01



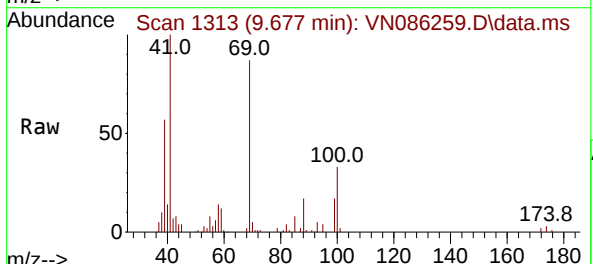
Tgt Ion: 88 Resp: 26550
Ion Ratio Lower Upper
88 100
43 27.2 14.4 21.6
58 73.3 59.8 89.8

Manual Integrations
APPROVED

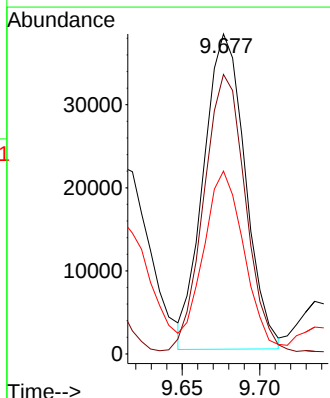
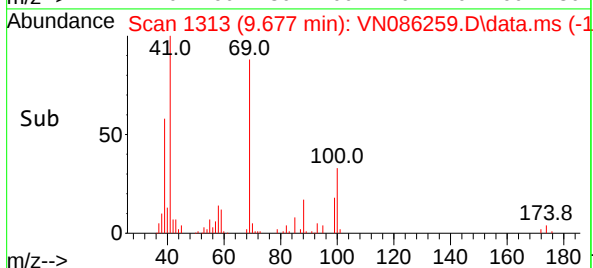
Reviewed By :John Carlone 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025

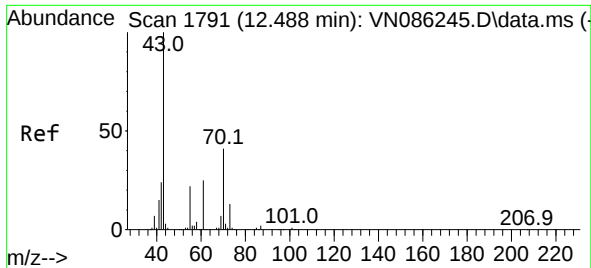


#46
Methyl methacrylate
Concen: 20.434 ug/l
RT: 9.677 min Scan# 1313
Delta R.T. 0.000 min
Lab File: VN086259.D
Acq: 14 Apr 2025 11:03



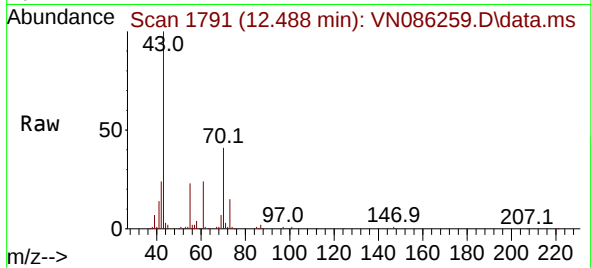
Tgt Ion: 41 Resp: 70947
Ion Ratio Lower Upper
41 100
69 88.9 43.2 129.6
39 57.0 26.4 79.0





#47
n-amy1 Acetate
Concen: 19.779 ug/l
RT: 12.488 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VN086259.D
Acq: 14 Apr 2025 11:03

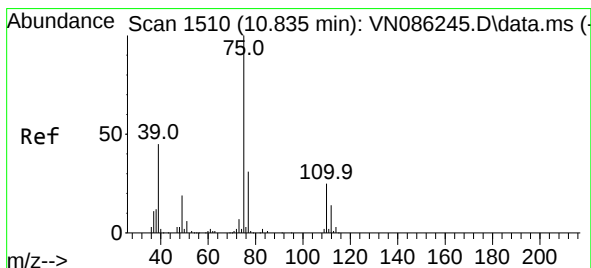
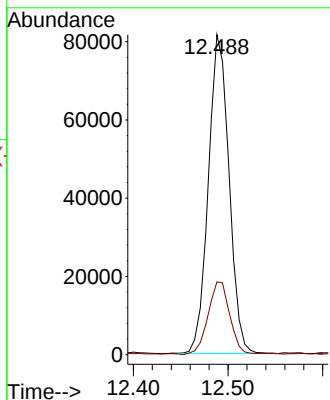
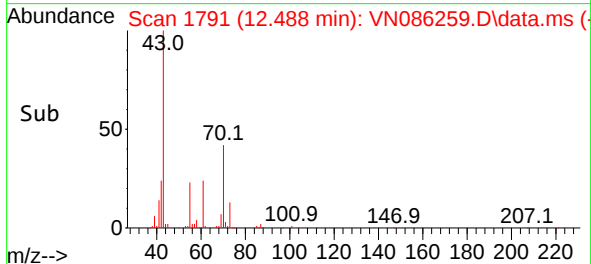
Instrument :
MSVOA_N
ClientSampleId :
VN0414WBSD01



Tgt Ion: 43 Resp: 123569
Ion Ratio Lower Upper
43 100
55 24.4 19.0 28.4

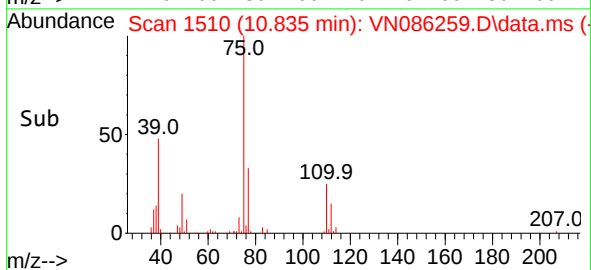
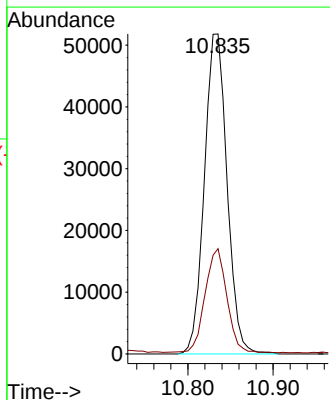
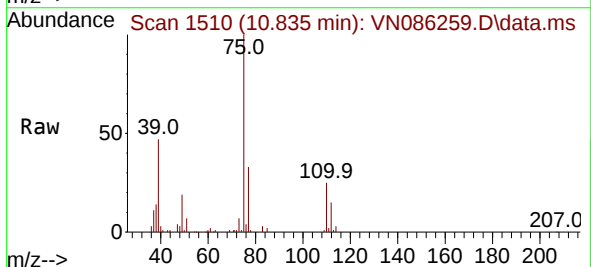
Manual Integrations
APPROVED

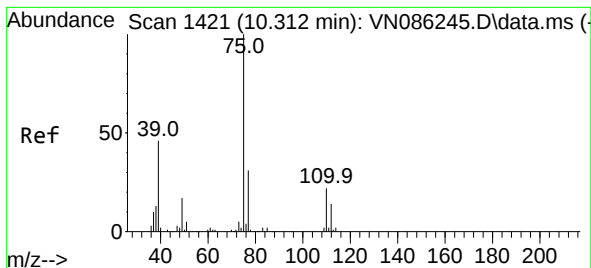
Reviewed By :John Carlone 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025



#48
t-1,3-Dichloropropene
Concen: 20.344 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. 0.000 min
Lab File: VN086259.D
Acq: 14 Apr 2025 11:03

Tgt Ion: 75 Resp: 96008
Ion Ratio Lower Upper
75 100
77 32.5 25.1 37.7





#49

cis-1,3-Dichloropropene

Concen: 20.829 ug/l

RT: 10.312 min Scan# 1421

Delta R.T. 0.000 min

Lab File: VN086259.D

Acq: 14 Apr 2025 11:03

Instrument :

MSVOA_N

ClientSampleId :

VN0414WBSD01

Tgt Ion: 75 Resp: 104035

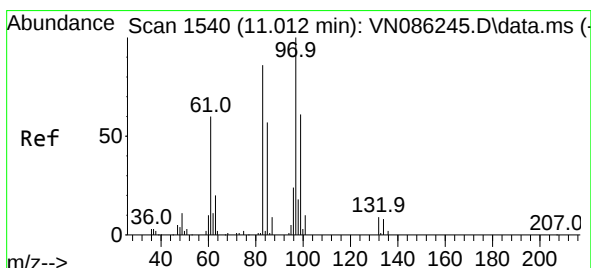
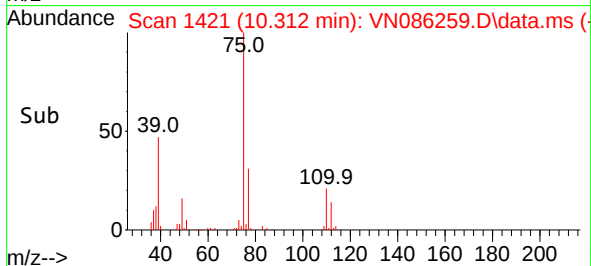
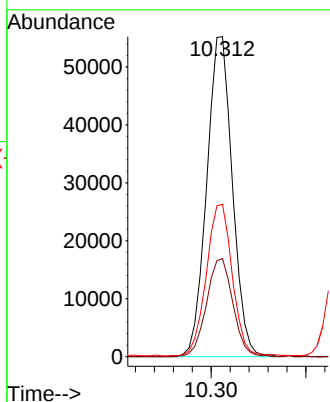
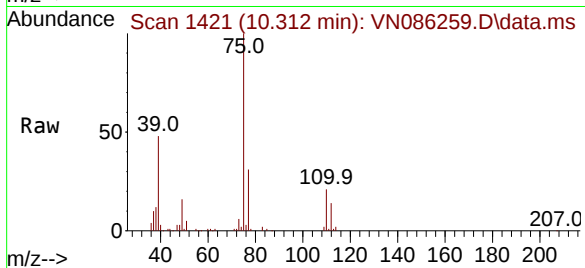
Ion	Ratio	Lower	Upper
75	100		
77	30.7	25.0	37.4
39	47.3	36.7	55.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/16/2025

Supervised By :Semsettin Yesilyurt 04/16/2025



#50

1,1,2-Trichloroethane

Concen: 20.837 ug/l

RT: 11.012 min Scan# 1540

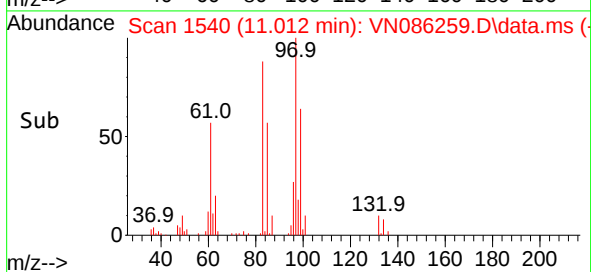
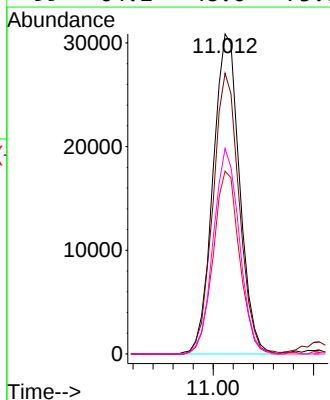
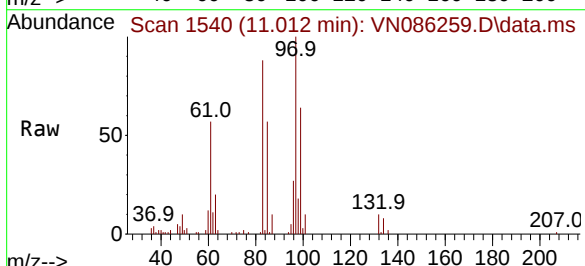
Delta R.T. 0.000 min

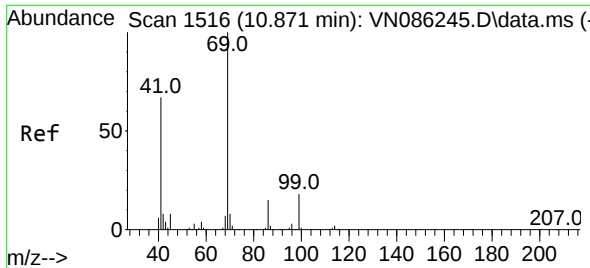
Lab File: VN086259.D

Acq: 14 Apr 2025 11:03

Tgt Ion: 97 Resp: 56786

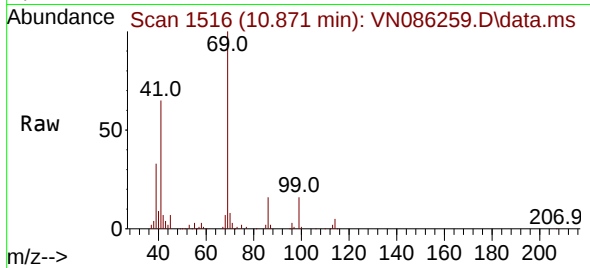
Ion	Ratio	Lower	Upper
97	100		
83	87.8	68.6	103.0
85	57.2	45.9	68.9
99	64.2	48.6	73.0





#51
Ethyl methacrylate
Concen: 20.888 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VN086259.D
Acq: 14 Apr 2025 11:03

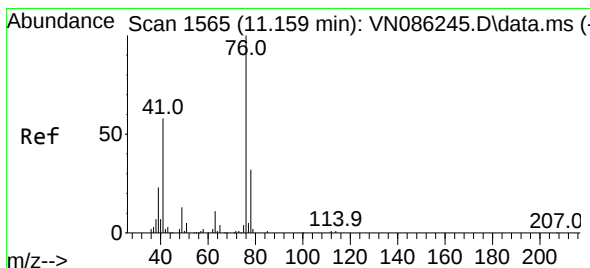
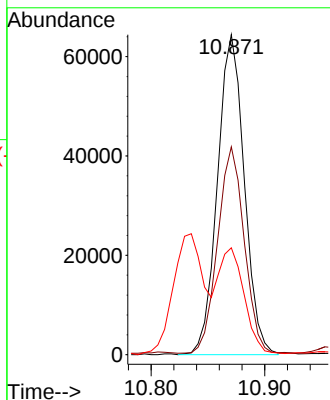
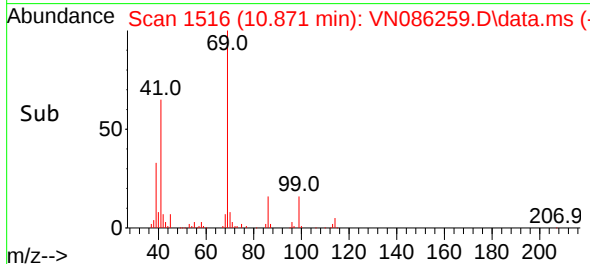
Instrument :
MSVOA_N
ClientSampleId :
VN0414WBSD01



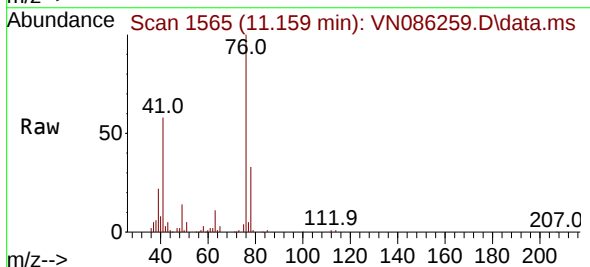
Tgt Ion: 69 Resp: 105789
Ion Ratio Lower Upper
69 100
41 64.5 33.6 100.6
39 32.9 17.8 53.4

Manual Integrations
APPROVED

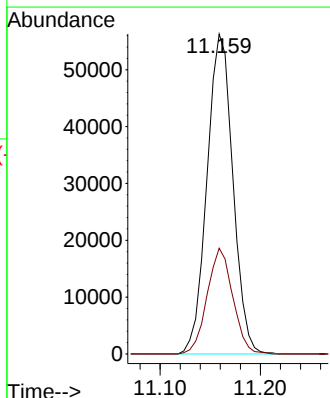
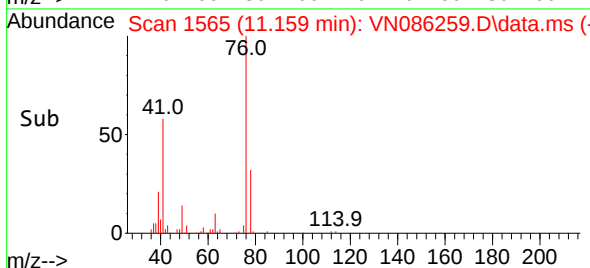
Reviewed By :John Carlone 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025

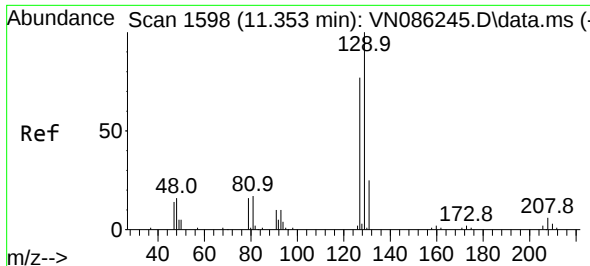


#52
1,3-Dichloropropane
Concen: 20.787 ug/l
RT: 11.159 min Scan# 1565
Delta R.T. 0.000 min
Lab File: VN086259.D
Acq: 14 Apr 2025 11:03



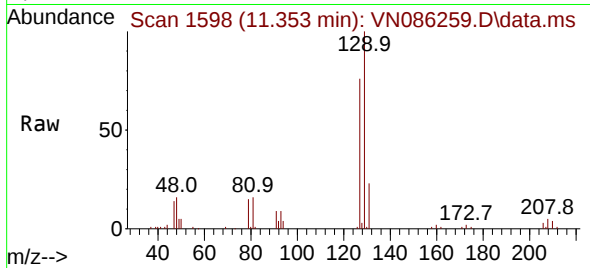
Tgt Ion: 76 Resp: 100971
Ion Ratio Lower Upper
76 100
78 32.6 0.0 64.6





#53
Dibromochloromethane
Concen: 20.887 ug/l
RT: 11.353 min Scan# 1598
Delta R.T. 0.000 min
Lab File: VN086259.D
Acq: 14 Apr 2025 11:03

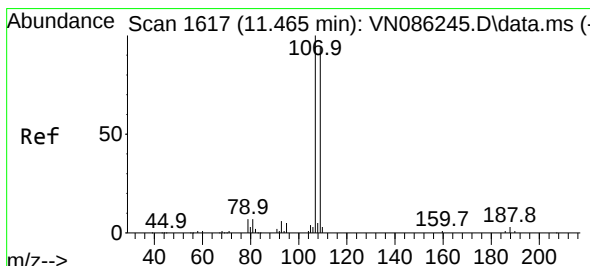
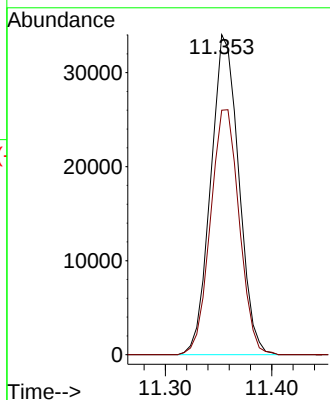
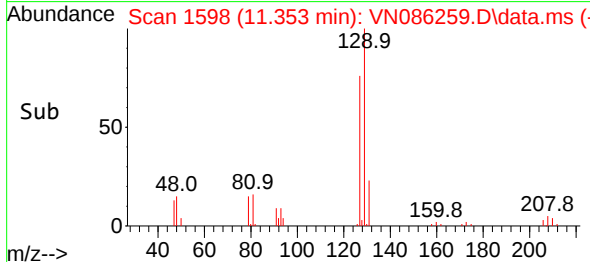
Instrument :
MSVOA_N
ClientSampleId :
VN0414WBSD01



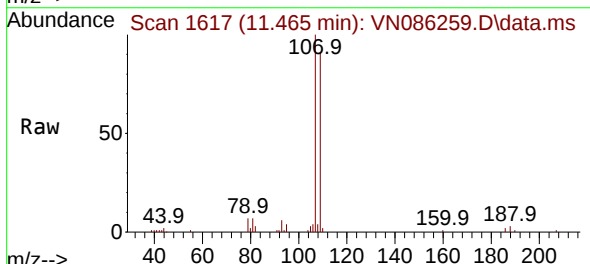
Tgt Ion:129 Resp: 6226
Ion Ratio Lower Upper
129 100
127 78.5 38.5 115.5

Manual Integrations
APPROVED

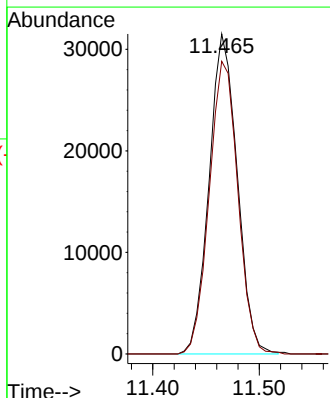
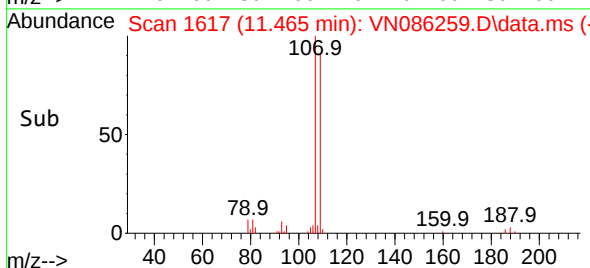
Reviewed By :John Carlone 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025

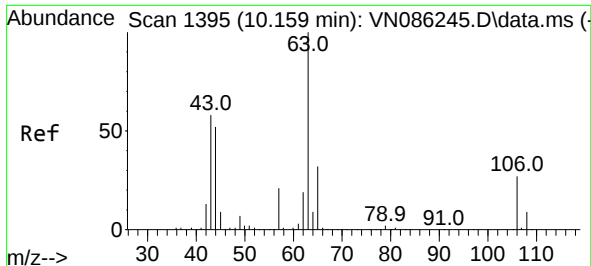


#54
1,2-Dibromoethane
Concen: 20.995 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. 0.000 min
Lab File: VN086259.D
Acq: 14 Apr 2025 11:03



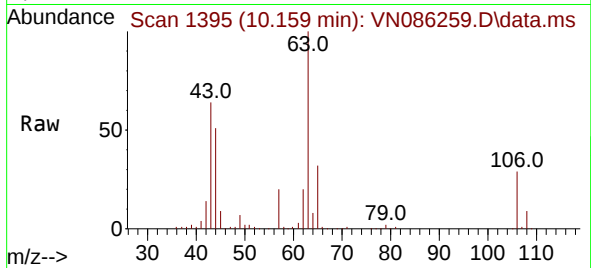
Tgt Ion:107 Resp: 57757
Ion Ratio Lower Upper
107 100
109 93.1 75.2 112.8





#55
2-Chloroethyl vinyl ether
Concen: 141.822 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. 0.000 min
Lab File: VN086259.D
Acq: 14 Apr 2025 11:03

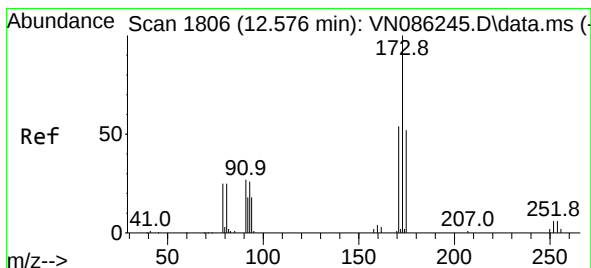
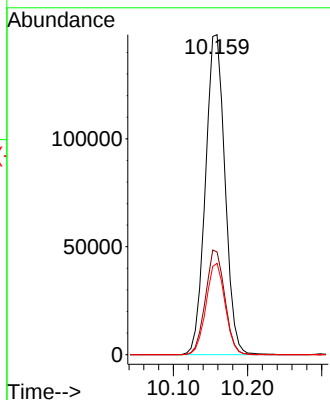
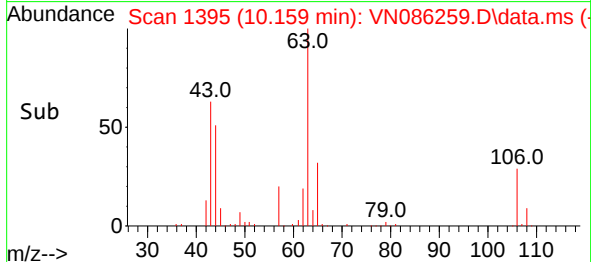
Instrument :
MSVOA_N
ClientSampleId :
VN0414WBSD01



Tgt Ion: 63 Resp: 27140
Ion Ratio Lower Upper
63 100
65 32.3 25.8 38.8
106 28.0 21.8 32.8

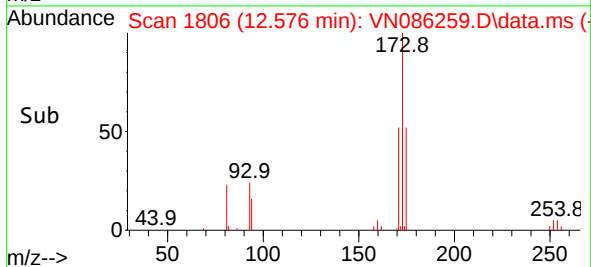
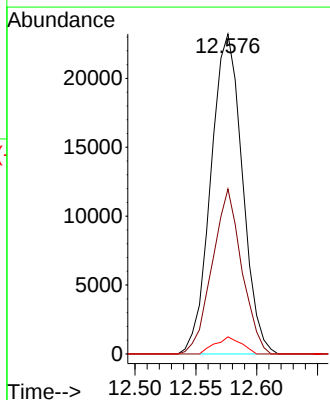
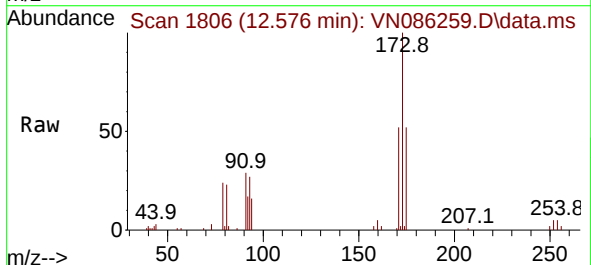
Manual Integrations
APPROVED

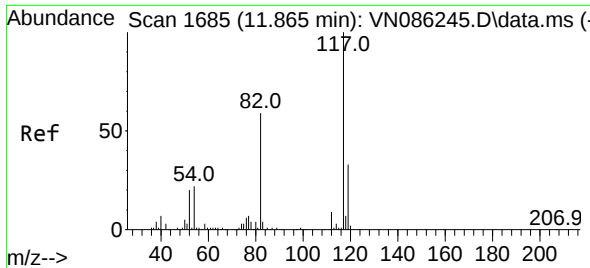
Reviewed By :John Carlone 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025



#56
Bromoform
Concen: 21.423 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VN086259.D
Acq: 14 Apr 2025 11:03

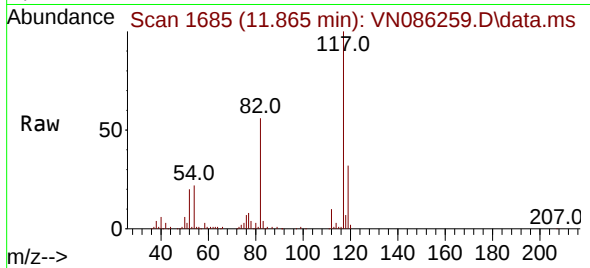
Tgt Ion:173 Resp: 41780
Ion Ratio Lower Upper
173 100
175 48.3 38.2 57.4
254 4.5 4.5 6.7#





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN086259.D
Acq: 14 Apr 2025 11:03

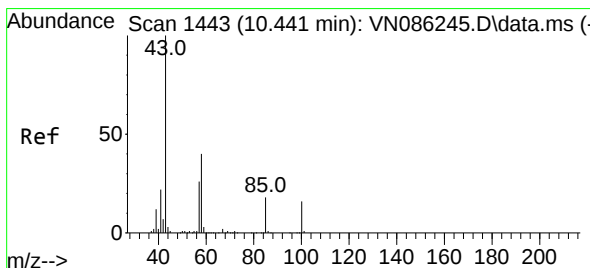
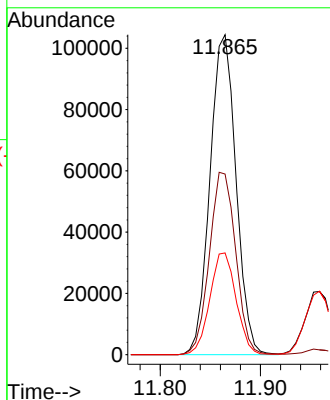
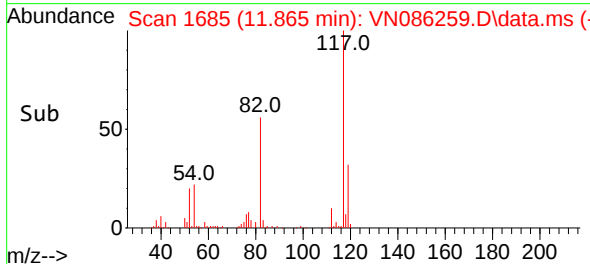
Instrument :
MSVOA_N
ClientSampleId :
VN0414WBSD01



Tgt Ion: 117 Resp: 188770
Ion Ratio Lower Upper
117 100
82 57.7 47.3 70.9
119 32.1 25.9 38.9

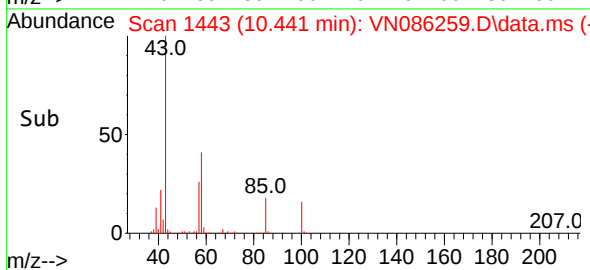
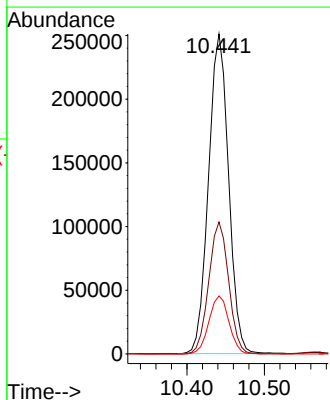
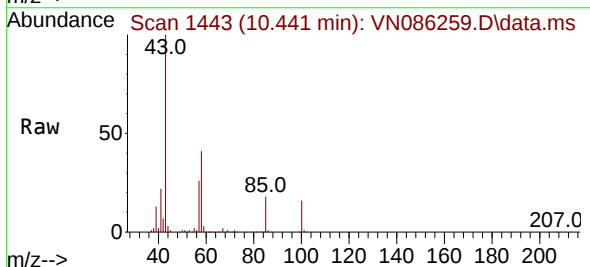
Manual Integrations
APPROVED

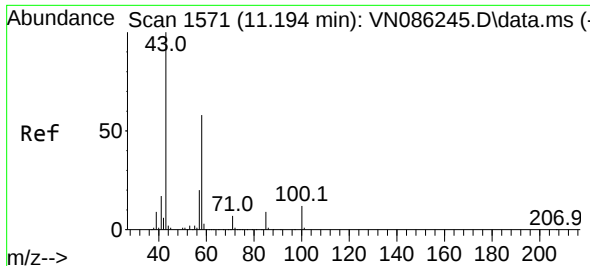
Reviewed By :John Carlone 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025



#58
4-Methyl-2-Pentanone
Concen: 105.268 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN086259.D
Acq: 14 Apr 2025 11:03

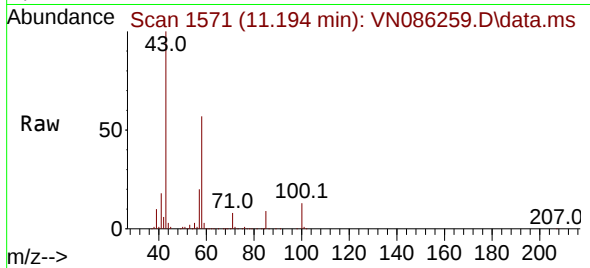
Tgt Ion: 43 Resp: 450944
Ion Ratio Lower Upper
43 100
58 41.0 32.5 48.7
85 18.2 14.4 21.6





#59
2-Hexanone
Concen: 104.040 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VN086259.D
Acq: 14 Apr 2025 11:03

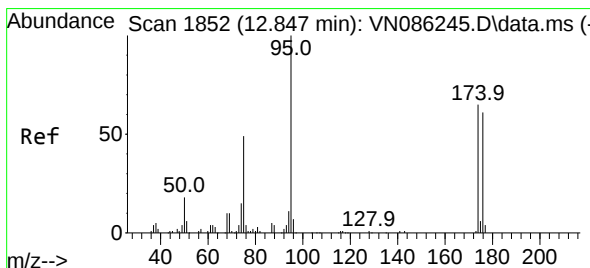
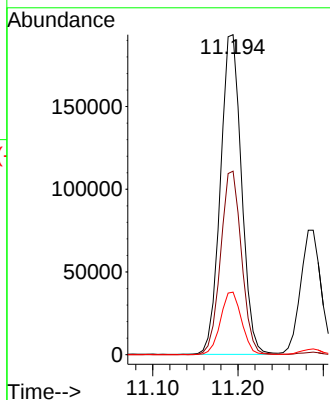
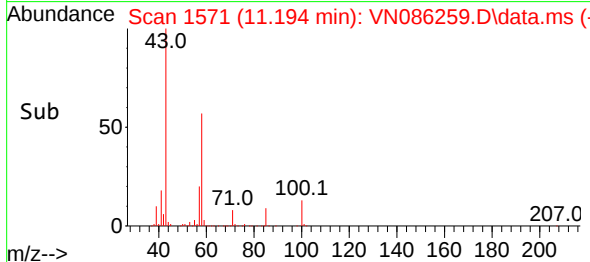
Instrument :
MSVOA_N
ClientSampleId :
VN0414WBSD01



Tgt Ion: 43 Resp: 331870
Ion Ratio Lower Upper
43 100
58 57.1 45.3 67.9
57 19.7 15.8 23.6

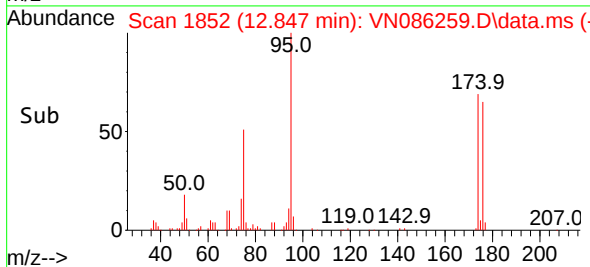
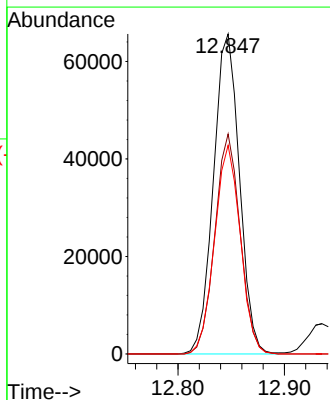
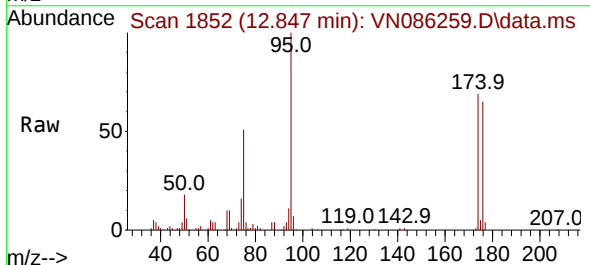
Manual Integrations
APPROVED

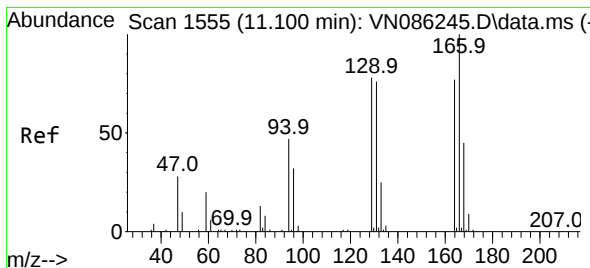
Reviewed By :John Carlone 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025



#60
4-Bromofluorobenzene
Concen: 29.647 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN086259.D
Acq: 14 Apr 2025 11:03

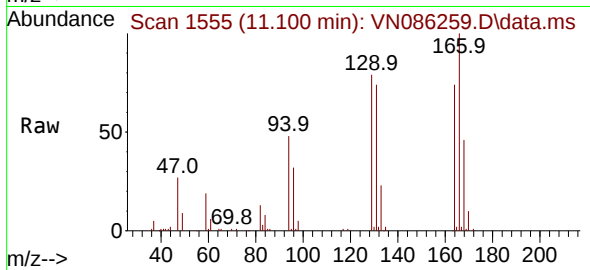
Tgt Ion: 95 Resp: 111425
Ion Ratio Lower Upper
95 100
174 66.7 52.7 79.1
176 64.4 49.8 74.8





#61
Tetrachloroethene
Concen: 20.769 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VN086259.D
Acq: 14 Apr 2025 11:03

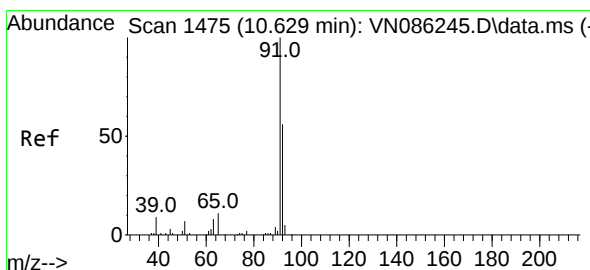
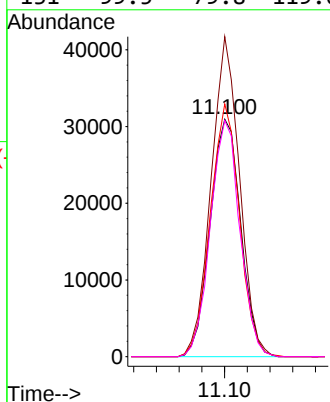
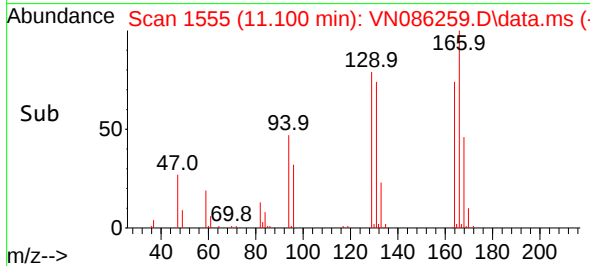
Instrument :
MSVOA_N
ClientSampleId :
VN0414WBSD01



Tgt Ion:164 Resp: 5789
Ion Ratio Lower Upper
164 100
166 134.8 104.5 156.7
129 106.5 81.7 122.5
131 99.5 79.8 119.6

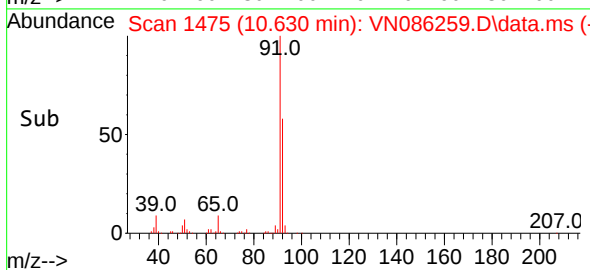
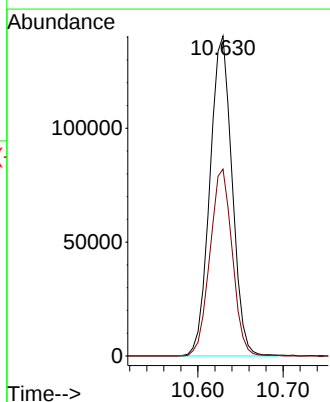
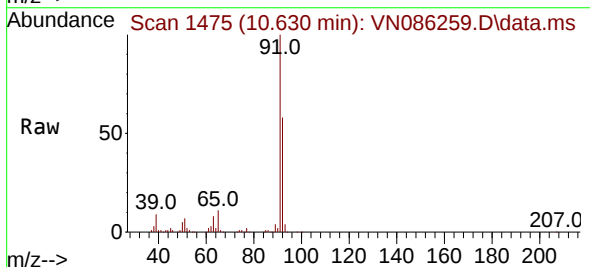
Manual Integrations
APPROVED

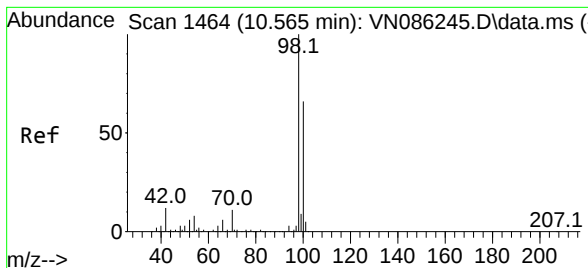
Reviewed By :John Carlone 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025



#62
Toluene
Concen: 20.136 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN086259.D
Acq: 14 Apr 2025 11:03

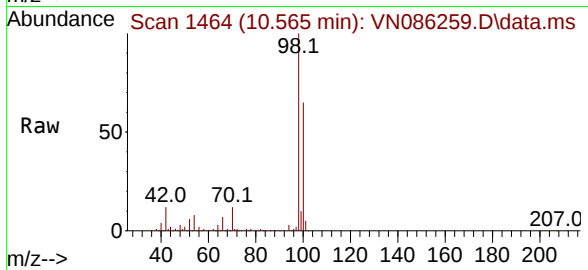
Tgt Ion: 91 Resp: 254946
Ion Ratio Lower Upper
91 100
92 58.7 46.8 70.2





#63
Toluene-d8
Concen: 29.884 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN086259.D
Acq: 14 Apr 2025 11:03

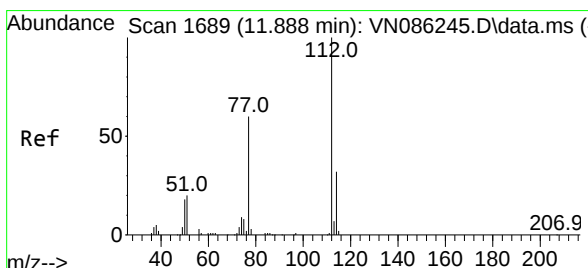
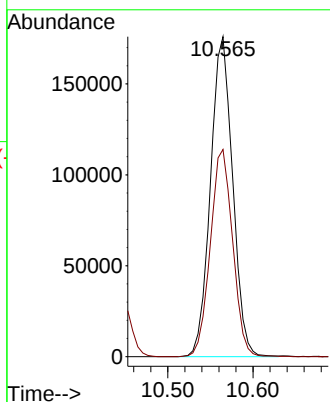
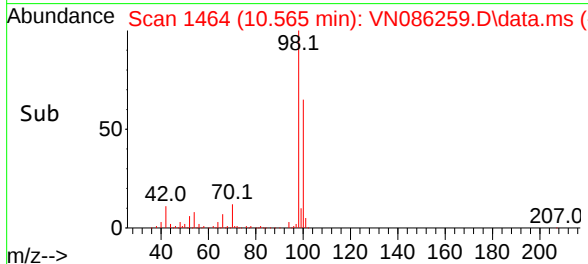
Instrument :
MSVOA_N
ClientSampleId :
VN0414WBSD01



Tgt Ion: 98 Resp: 31848
Ion Ratio Lower Upper
98 100
100 65.2 52.3 78.5

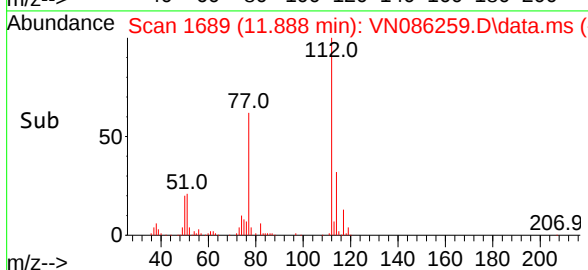
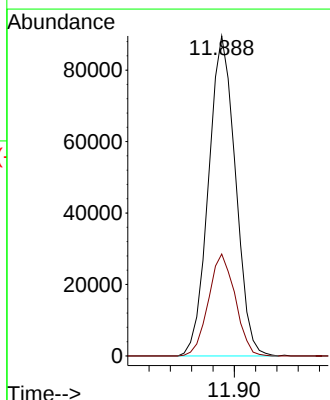
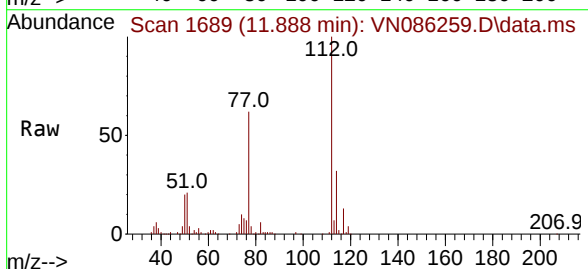
Manual Integrations
APPROVED

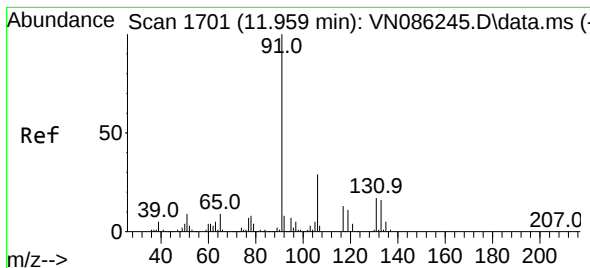
Reviewed By :John Carlone 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025



#64
Chlorobenzene
Concen: 20.334 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. 0.000 min
Lab File: VN086259.D
Acq: 14 Apr 2025 11:03

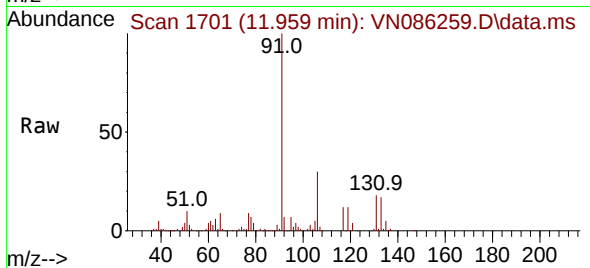
Tgt Ion:112 Resp: 157296
Ion Ratio Lower Upper
112 100
114 31.9 25.8 38.6





#65
1,1,1,2-Tetrachloroethane
Concen: 21.115 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN086259.D
Acq: 14 Apr 2025 11:03

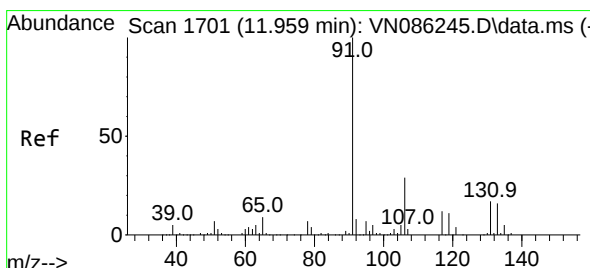
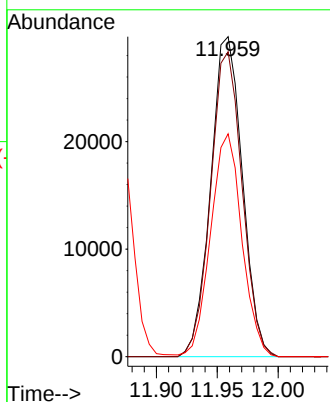
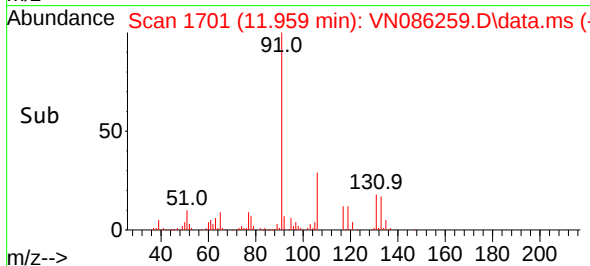
Instrument :
MSVOA_N
ClientSampleId :
VN0414WBSD01



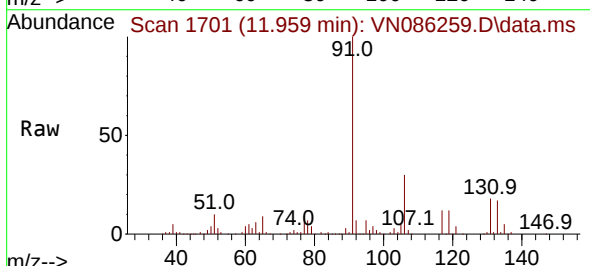
Tgt Ion:131 Resp: 5390
Ion Ratio Lower Upper
131 100
133 94.6 0.0 190.4
119 68.5 0.0 135.6

Manual Integrations
APPROVED

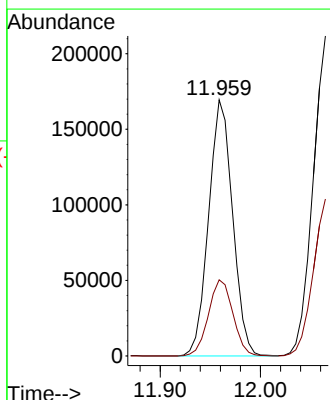
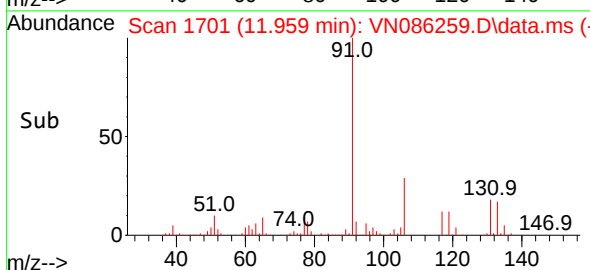
Reviewed By :John Carlone 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025

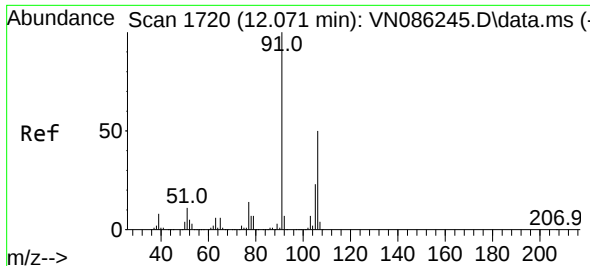


#66
Ethyl Benzene
Concen: 20.033 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN086259.D
Acq: 14 Apr 2025 11:03



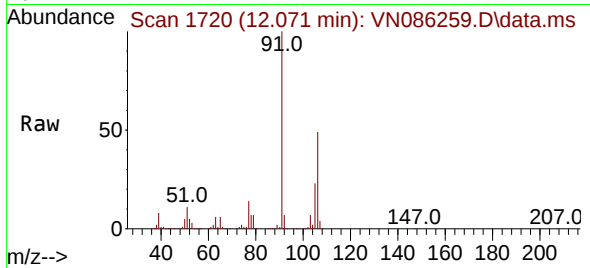
Tgt Ion: 91 Resp: 281296
Ion Ratio Lower Upper
91 100
106 29.8 23.4 35.0





#67
m/p-Xylenes
Concen: 40.741 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN086259.D
Acq: 14 Apr 2025 11:03

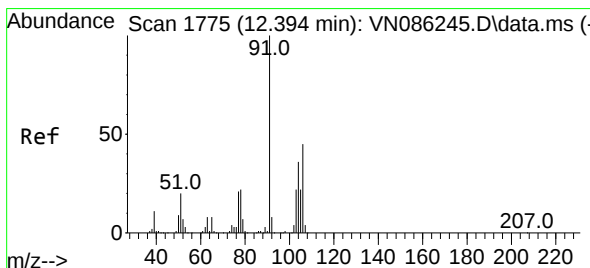
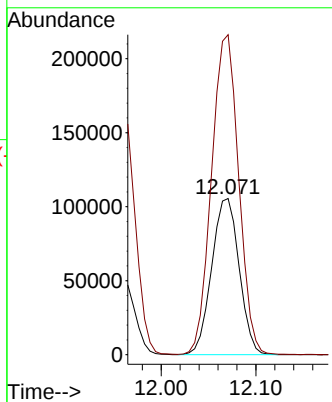
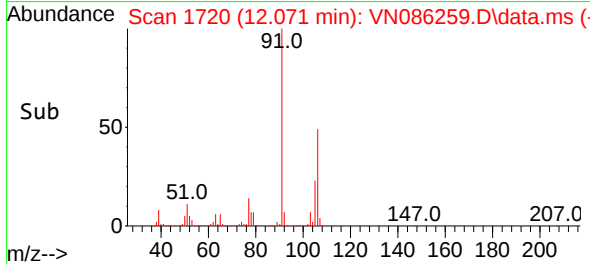
Instrument :
MSVOA_N
ClientSampleId :
VN0414WBSD01



Tgt Ion:106 Resp: 212715
Ion Ratio Lower Upper
106 100
91 202.8 164.5 246.7

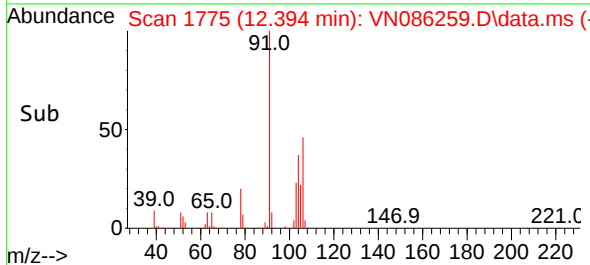
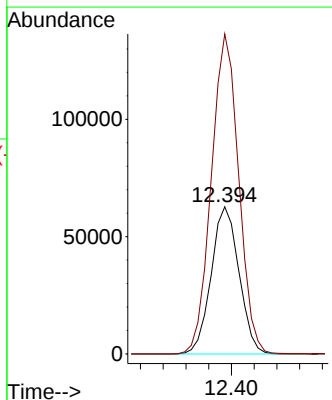
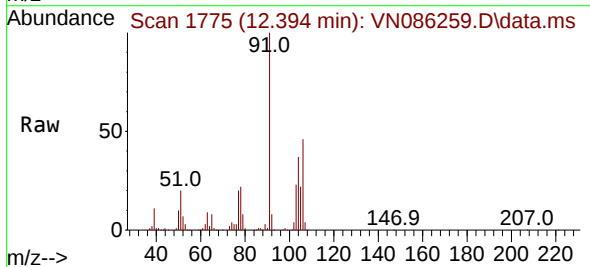
Manual Integrations
APPROVED

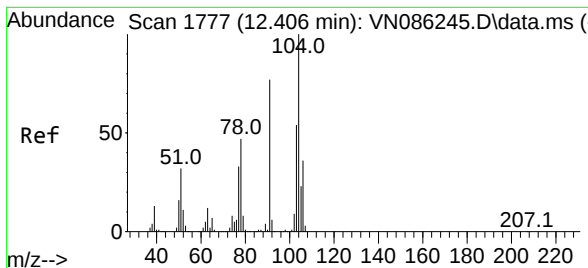
Reviewed By :John Carlone 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025



#68
o-Xylene
Concen: 20.731 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN086259.D
Acq: 14 Apr 2025 11:03

Tgt Ion:106 Resp: 106466
Ion Ratio Lower Upper
106 100
91 214.3 109.8 329.4





#69

Styrene

Concen: 20.600 ug/l

RT: 12.406 min Scan# 1777

Delta R.T. 0.000 min

Lab File: VN086259.D

Acq: 14 Apr 2025 11:03

Instrument :

MSVOA_N

ClientSampleId :

VN0414WBSD01

Tgt Ion:104 Resp: 178420

Ion Ratio Lower Upper

104 100

78 49.9 41.4 62.0

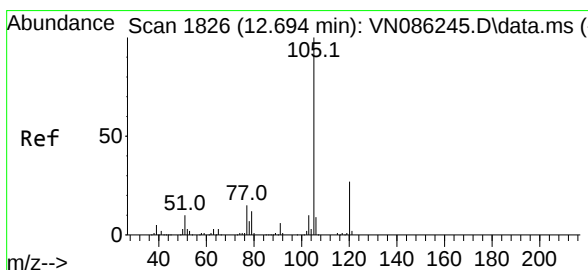
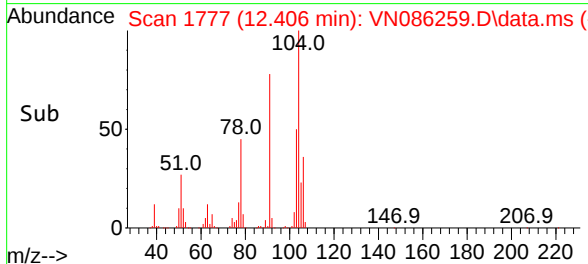
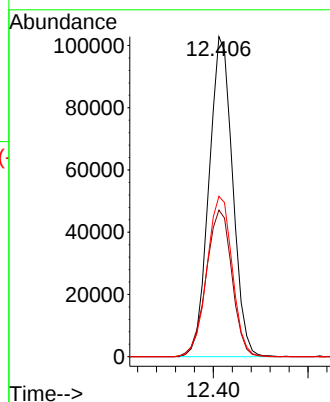
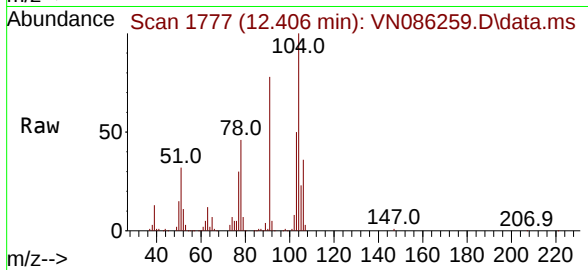
103 53.6 44.2 66.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/16/2025

Supervised By :Semsettin Yesilyurt 04/16/2025



#70

Isopropylbenzene

Concen: 20.204 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. 0.000 min

Lab File: VN086259.D

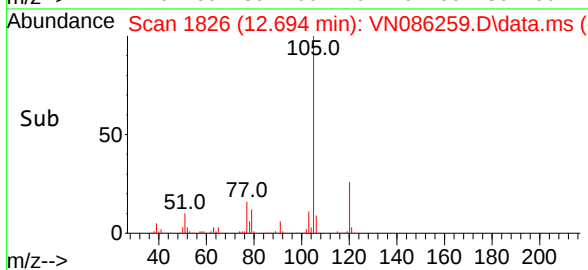
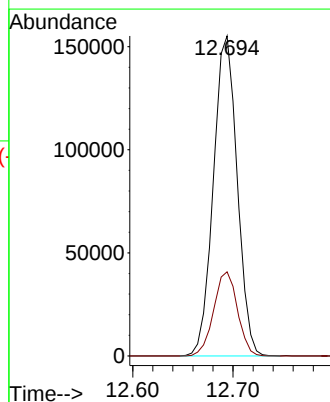
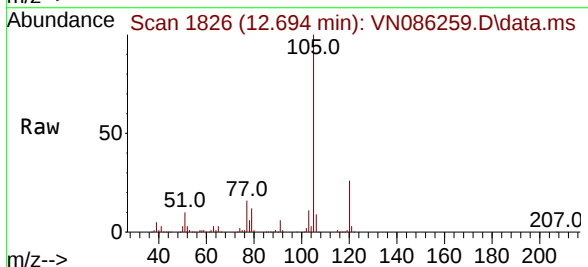
Acq: 14 Apr 2025 11:03

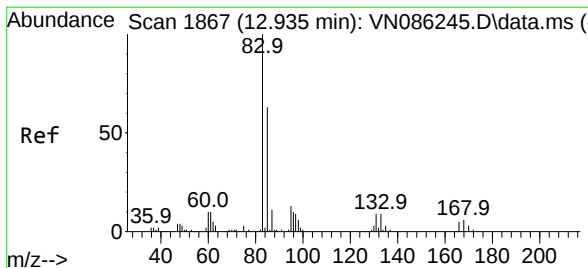
Tgt Ion:105 Resp: 255832

Ion Ratio Lower Upper

105 100

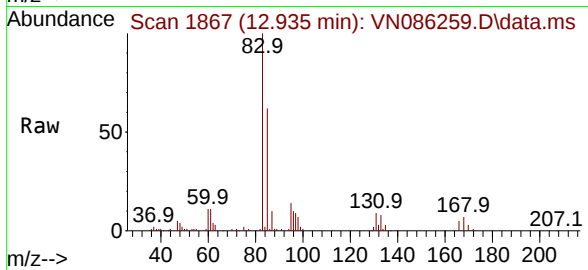
120 26.2 18.3 34.1





#71
1,1,2,2-Tetrachloroethane
Concen: 21.236 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VN086259.D
Acq: 14 Apr 2025 11:03

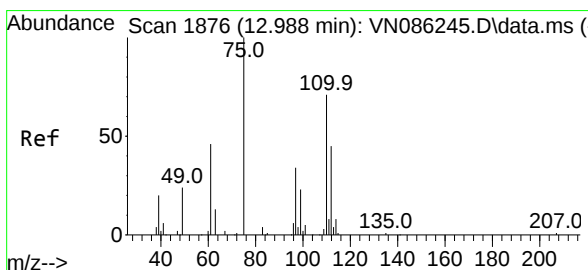
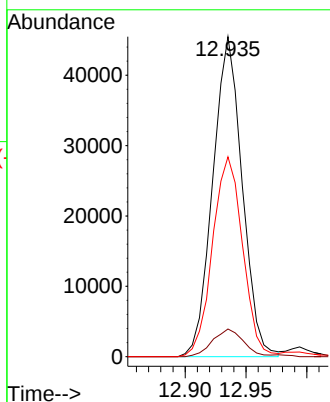
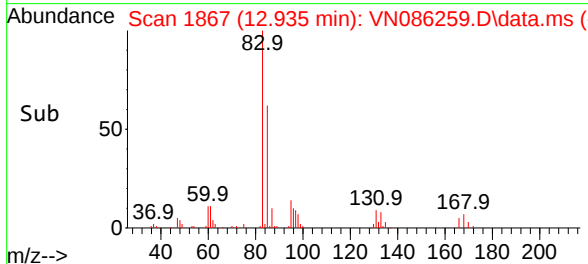
Instrument :
MSVOA_N
ClientSampleId :
VN0414WBSD01



Tgt Ion: 83 Resp: 76539
Ion Ratio Lower Upper
83 100
131 9.1 4.8 14.3
85 63.9 32.3 96.8

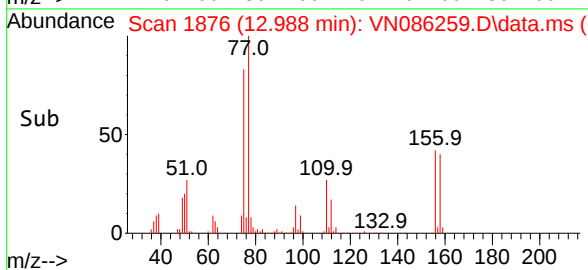
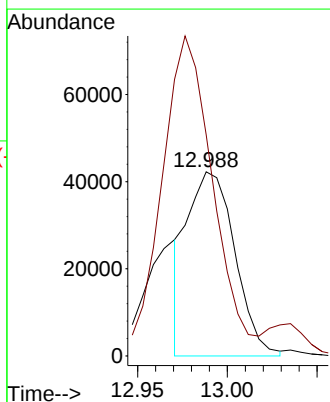
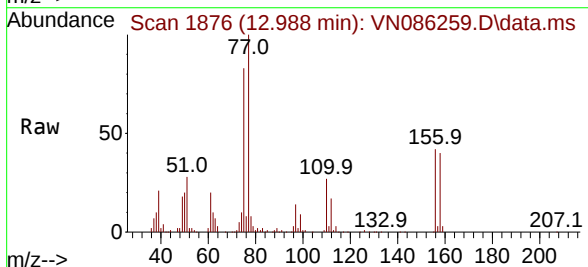
Manual Integrations
APPROVED

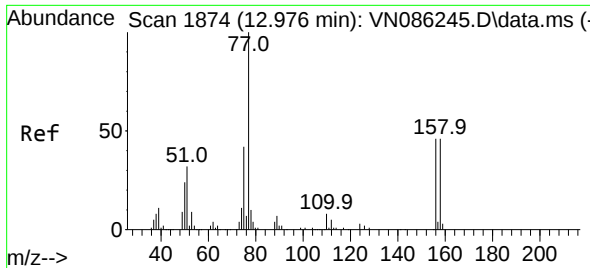
Reviewed By :John Carlone 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025



#72
1,2,3-Trichloropropane
Concen: 20.737 ug/l m
RT: 12.988 min Scan# 1876
Delta R.T. 0.000 min
Lab File: VN086259.D
Acq: 14 Apr 2025 11:03

Tgt Ion: 75 Resp: 77799
Ion Ratio Lower Upper
75 100
77 187.1 0.0 380.0





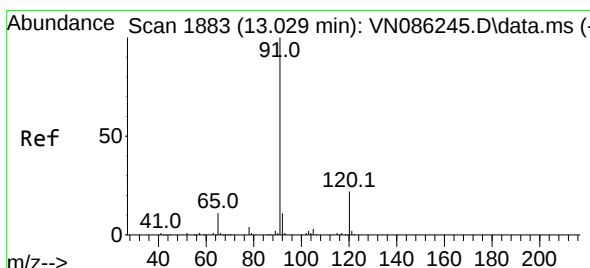
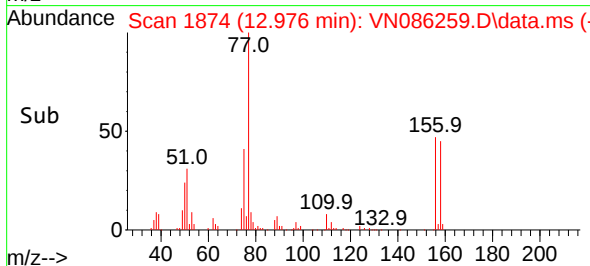
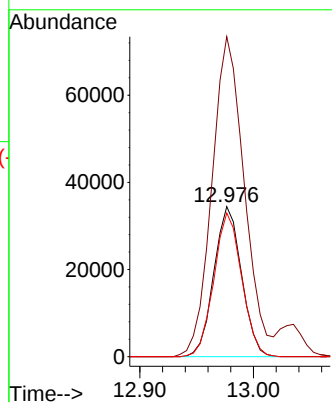
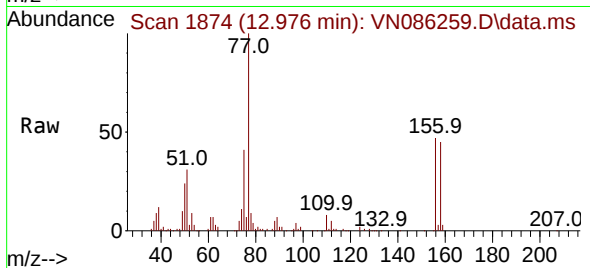
#73
Bromobenzene
Concen: 20.760 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. 0.000 min
Lab File: VN086259.D
Acq: 14 Apr 2025 11:03

Instrument :
MSVOA_N
ClientSampleId :
VN0414WBSD01

Tgt Ion:156 Resp: 58234
Ion Ratio Lower Upper
156 100
77 250.0 0.0 505.2
158 96.3 0.0 195.0

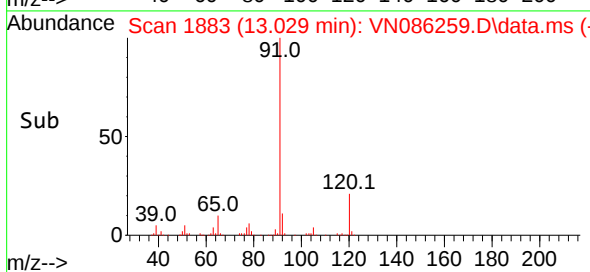
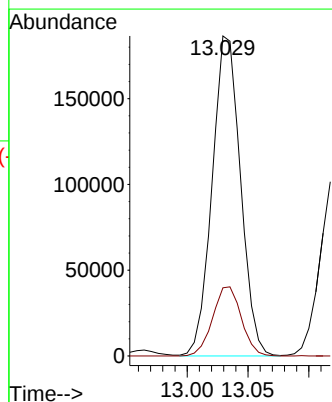
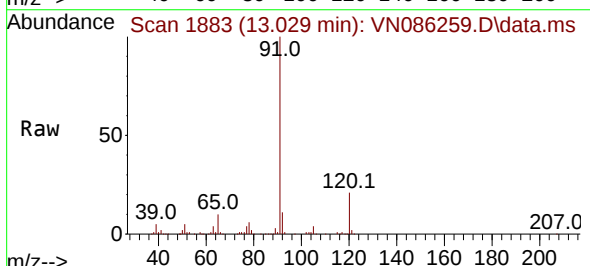
Manual Integrations
APPROVED

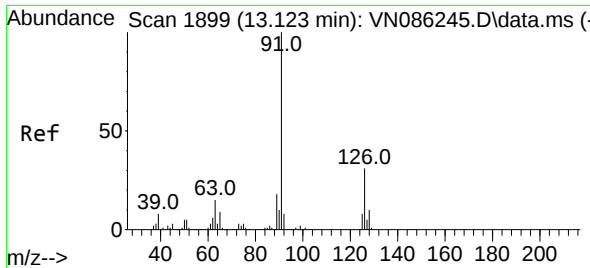
Reviewed By :John Carlone 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025



#74
n-propylbenzene
Concen: 20.228 ug/l
RT: 13.029 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN086259.D
Acq: 14 Apr 2025 11:03

Tgt Ion: 91 Resp: 302453
Ion Ratio Lower Upper
91 100
120 21.8 0.0 44.0





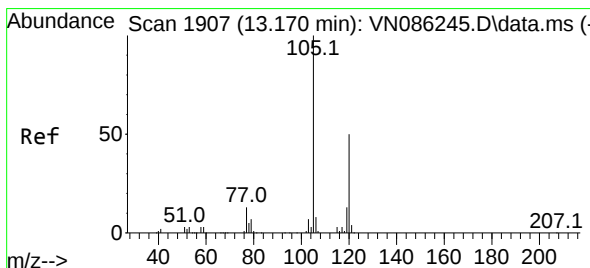
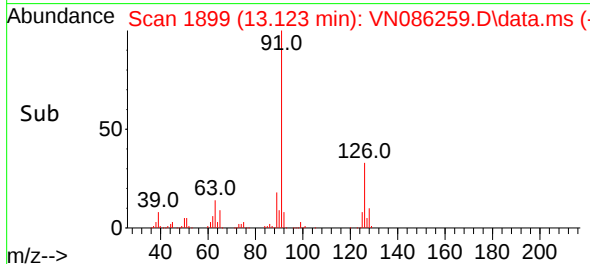
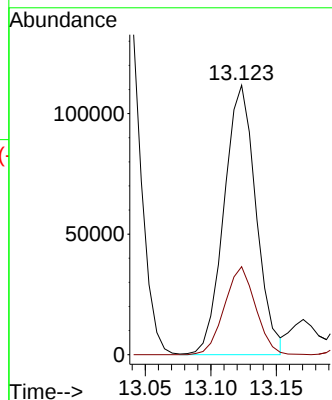
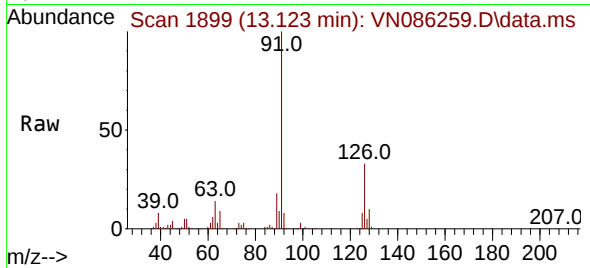
#75
2-Chlorotoluene
Concen: 20.222 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VN086259.D
Acq: 14 Apr 2025 11:03

Instrument :
MSVOA_N
ClientSampleId :
VN0414WBSD01

Tgt Ion: 91 Resp: 19005
Ion Ratio Lower Upper
91 100
126 31.7 0.0 63.4

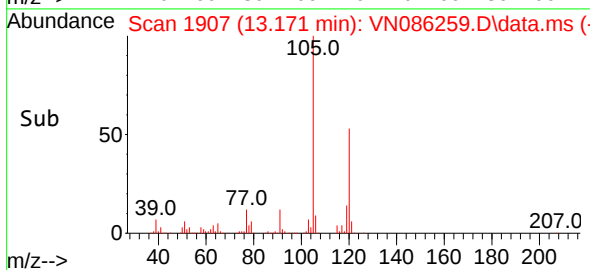
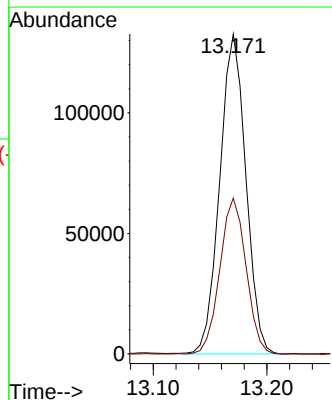
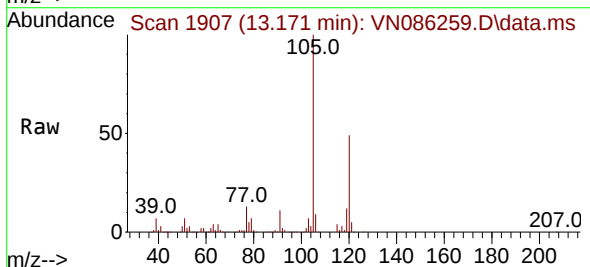
Manual Integrations
APPROVED

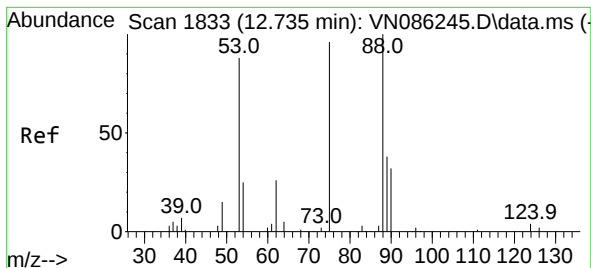
Reviewed By :John Carlone 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025



#76
1,3,5-Trimethylbenzene
Concen: 20.362 ug/l
RT: 13.171 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VN086259.D
Acq: 14 Apr 2025 11:03

Tgt Ion:105 Resp: 211804
Ion Ratio Lower Upper
105 100
120 48.8 0.0 98.0





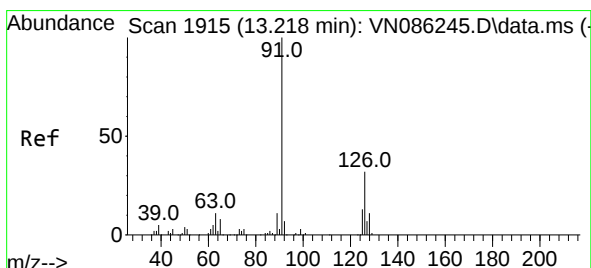
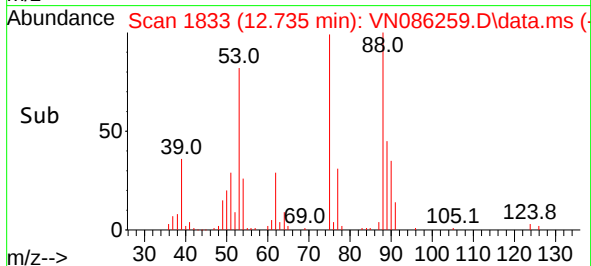
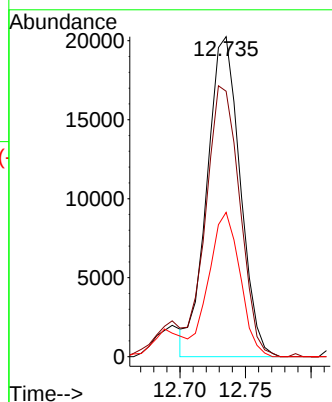
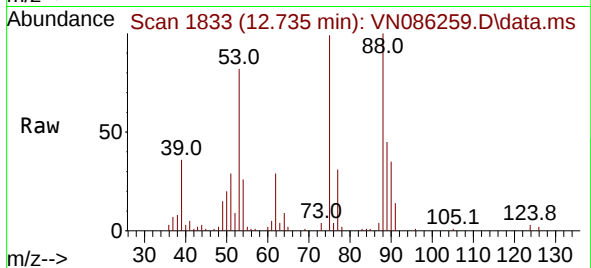
#77
t-1,4-Dichloro-2-butene
Concen: 20.593 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN086259.D
Acq: 14 Apr 2025 11:03

Instrument :
MSVOA_N
ClientSampleId :
VN0414WBSD01

Tgt Ion: 75 Resp: 35624
Ion Ratio Lower Upper
75 100
53 82.9 46.4 139.2
89 45.1 22.5 67.5

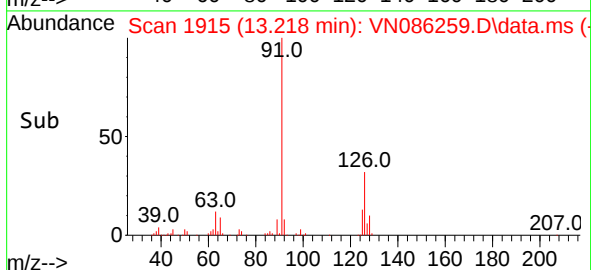
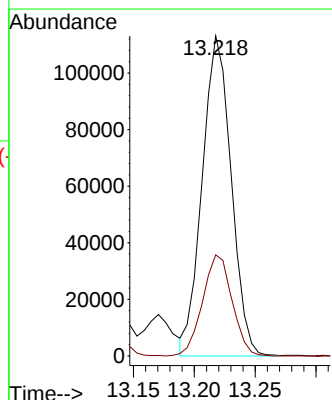
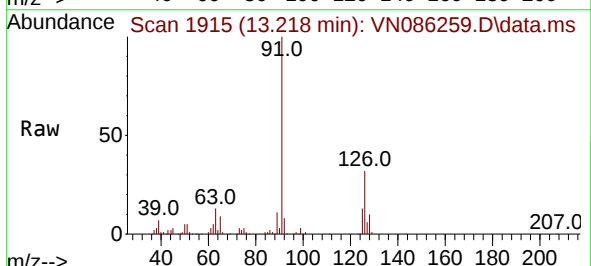
Manual Integrations
APPROVED

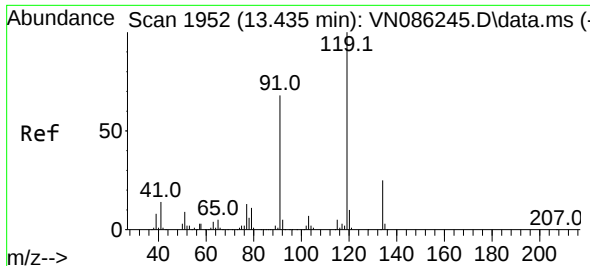
Reviewed By :John Carlone 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025



#78
4-Chlorotoluene
Concen: 19.990 ug/l
RT: 13.218 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VN086259.D
Acq: 14 Apr 2025 11:03

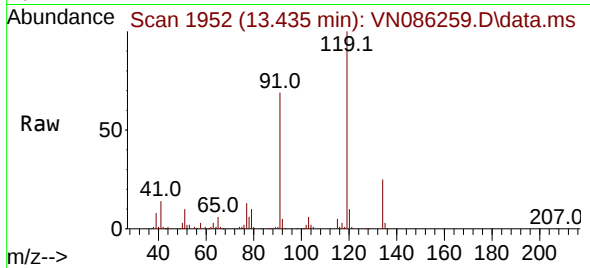
Tgt Ion: 91 Resp: 187622
Ion Ratio Lower Upper
91 100
126 32.1 0.0 63.2





#79
tert-butylbenzene
Concen: 19.708 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. 0.000 min
Lab File: VN086259.D
Acq: 14 Apr 2025 11:03

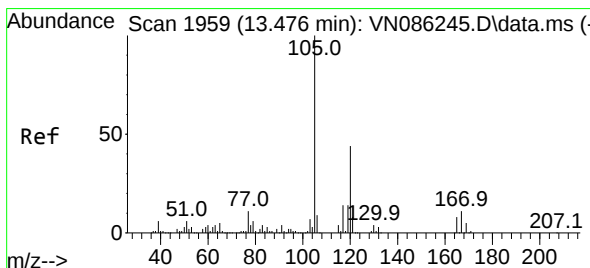
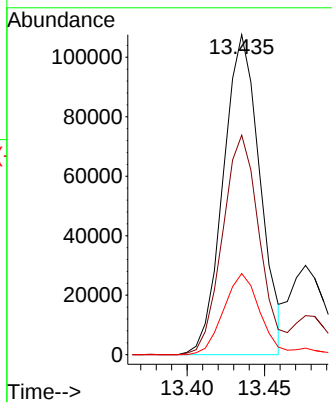
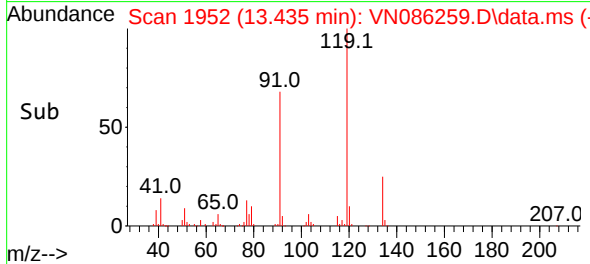
Instrument :
MSVOA_N
ClientSampleId :
VN0414WBSD01



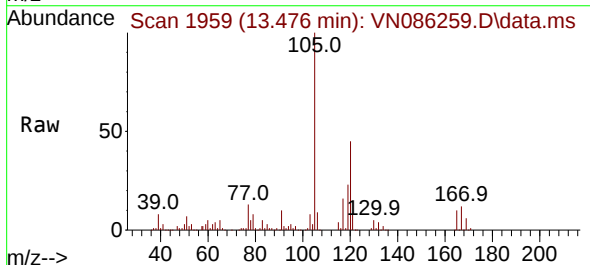
Tgt Ion:119 Resp: 177378
Ion Ratio Lower Upper
119 100
91 69.5 0.0 136.6
134 24.7 0.0 49.4

Manual Integrations
APPROVED

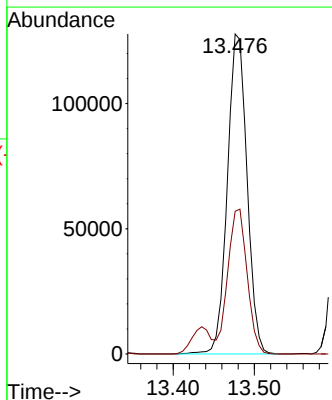
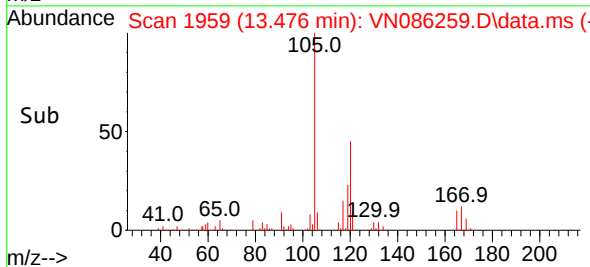
Reviewed By :John Carlone 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025

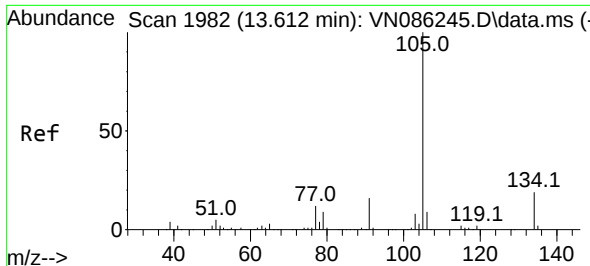


#80
1,2,4-Trimethylbenzene
Concen: 20.364 ug/l
RT: 13.476 min Scan# 1959
Delta R.T. 0.000 min
Lab File: VN086259.D
Acq: 14 Apr 2025 11:03



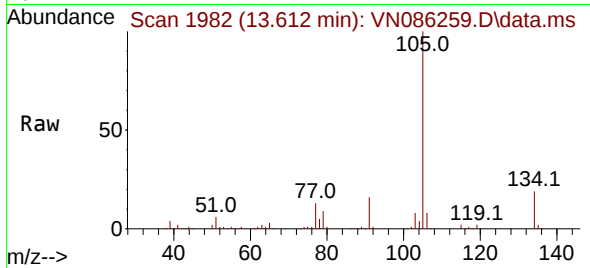
Tgt Ion:105 Resp: 214794
Ion Ratio Lower Upper
105 100
120 44.3 0.0 91.0





#81
 sec-Butylbenzene
 Concen: 19.764 ug/l
 RT: 13.612 min Scan# 1982
 Delta R.T. 0.000 min
 Lab File: VN086259.D
 Acq: 14 Apr 2025 11:03

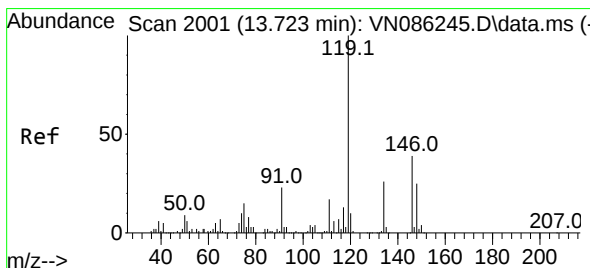
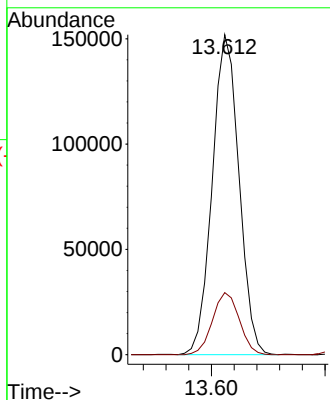
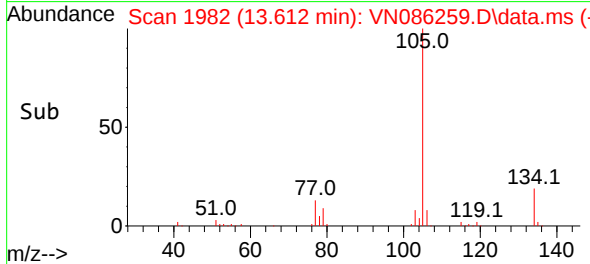
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0414WBSD01



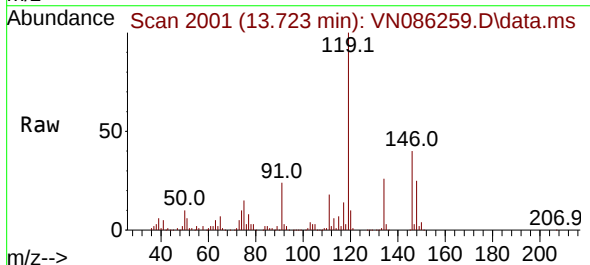
Tgt Ion:105 Resp: 24814
 Ion Ratio Lower Upper
 105 100
 134 19.5 0.0 38.6

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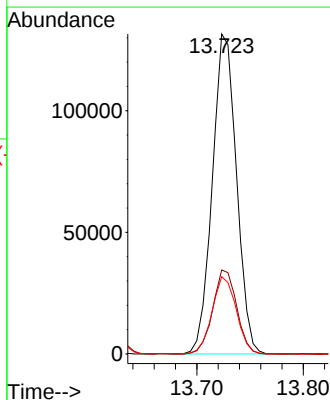
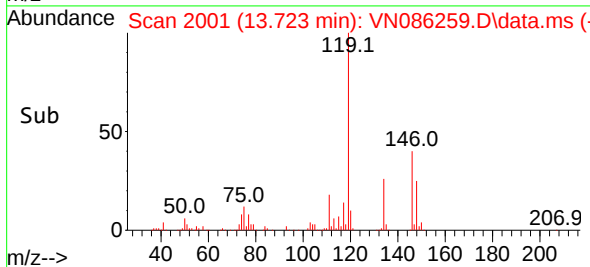
Reviewed By :John Carlone 04/16/2025
 Supervised By :Semsettin Yesilyurt 04/16/2025

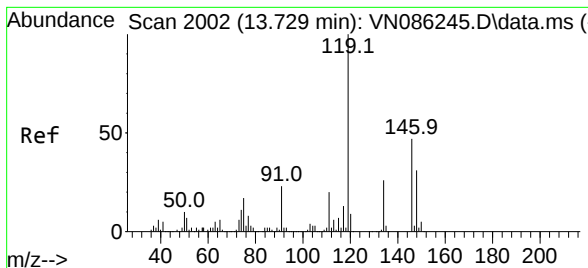


#82
 p-Isopropyltoluene
 Concen: 19.800 ug/l
 RT: 13.723 min Scan# 2001
 Delta R.T. 0.000 min
 Lab File: VN086259.D
 Acq: 14 Apr 2025 11:03



Tgt Ion:119 Resp: 207375
 Ion Ratio Lower Upper
 119 100
 134 26.0 0.0 51.6
 91 24.2 0.0 48.2





#83

1,3-Dichlorobenzene

Concen: 20.459 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. 0.000 min

Lab File: VN086259.D

Acq: 14 Apr 2025 11:03

Instrument :

MSVOA_N

ClientSampleId :

VN0414WBSD01

Tgt Ion:146 Resp: 106668

Ion Ratio Lower Upper

146 100

111 43.5 21.7 65.1

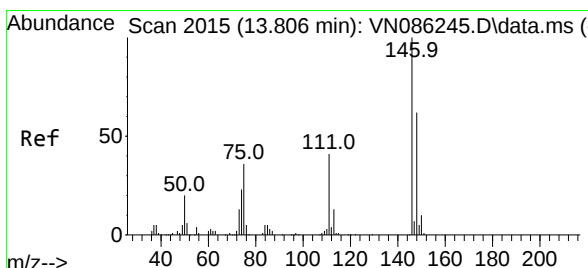
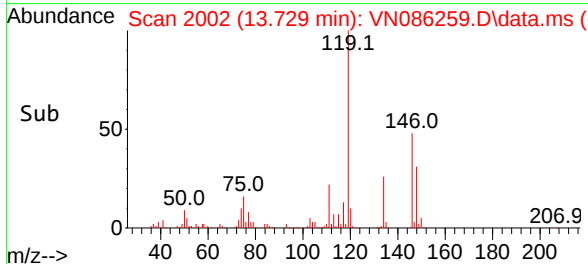
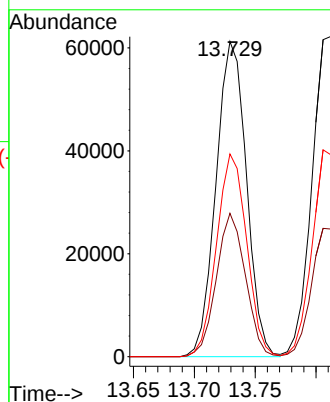
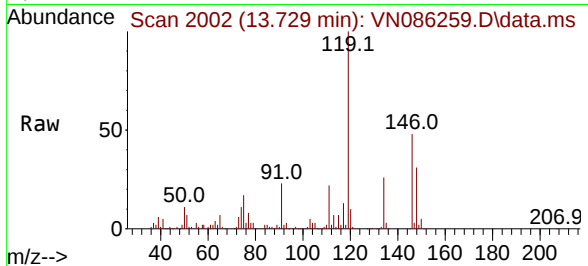
148 63.6 32.3 96.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/16/2025

Supervised By :Semsettin Yesilyurt 04/16/2025



#84

1,4-Dichlorobenzene

Concen: 20.479 ug/l

RT: 13.812 min Scan# 2016

Delta R.T. 0.006 min

Lab File: VN086259.D

Acq: 14 Apr 2025 11:03

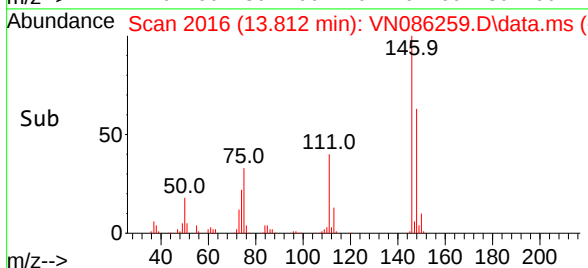
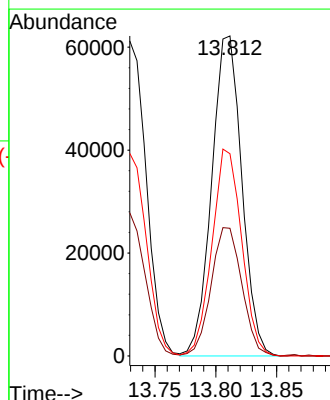
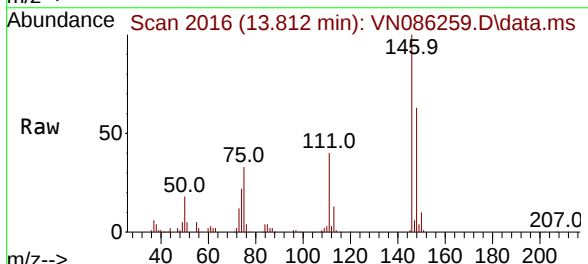
Tgt Ion:146 Resp: 107111

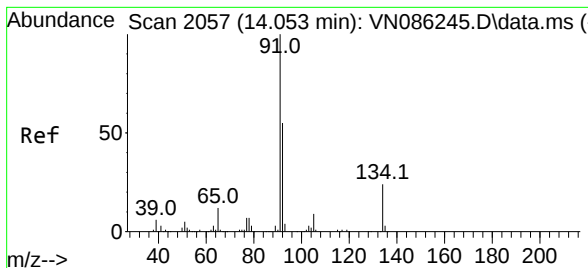
Ion Ratio Lower Upper

146 100

111 40.9 20.8 62.4

148 63.8 31.9 95.5





#85

n-Butylbenzene

Concen: 19.498 ug/l

RT: 14.053 min Scan# 2057

Delta R.T. 0.000 min

Lab File: VN086259.D

Acq: 14 Apr 2025 11:03

Instrument :

MSVOA_N

ClientSampleId :

VN0414WBSD01

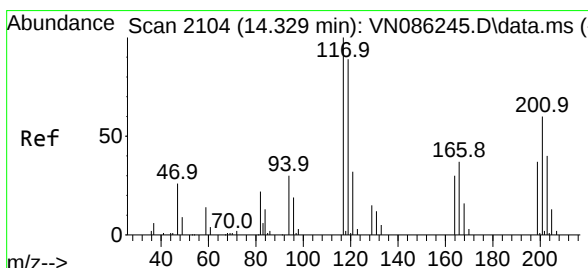
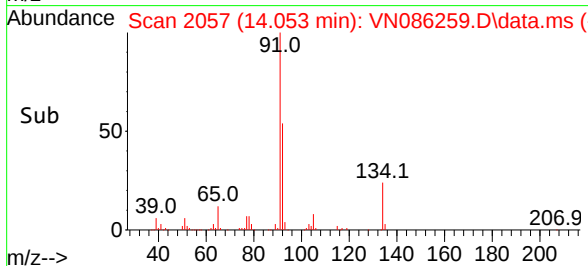
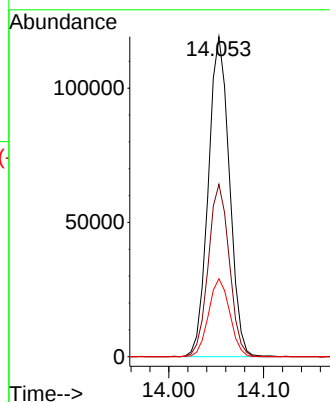
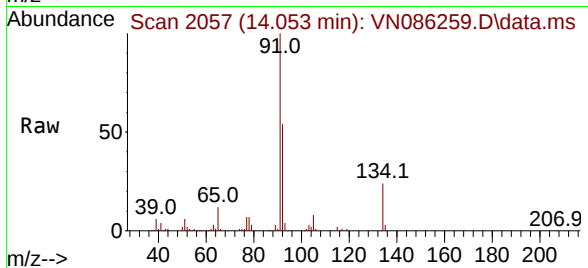
Tgt Ion:	91	Resp:	184228
Ion Ratio	Lower	Upper	
91	100		
92	53.5	0.0	109.4
134	24.4	0.0	48.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/16/2025

Supervised By :Semsettin Yesilyurt 04/16/2025



#86

Hexachloroethane

Concen: 19.792 ug/l

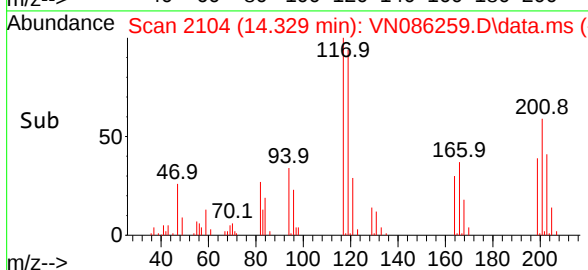
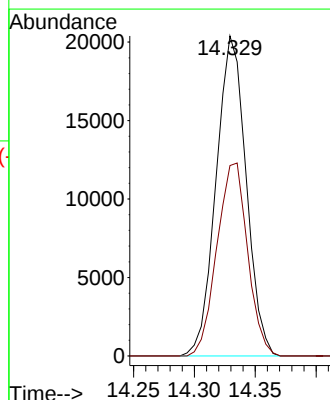
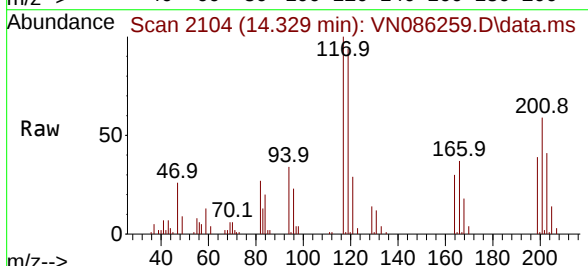
RT: 14.329 min Scan# 2104

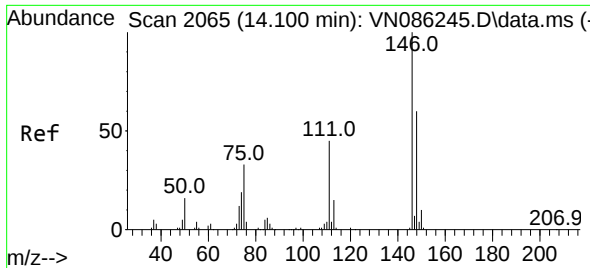
Delta R.T. 0.000 min

Lab File: VN086259.D

Acq: 14 Apr 2025 11:03

Tgt Ion:	117	Resp:	34967
Ion Ratio	Lower	Upper	
117	100		
201	61.6	30.9	92.8





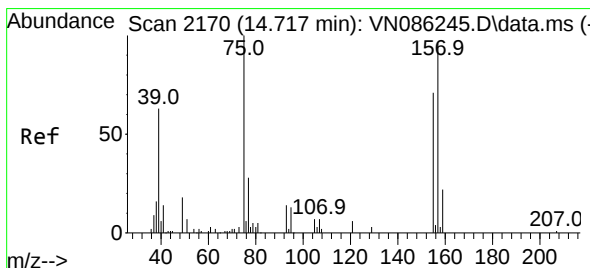
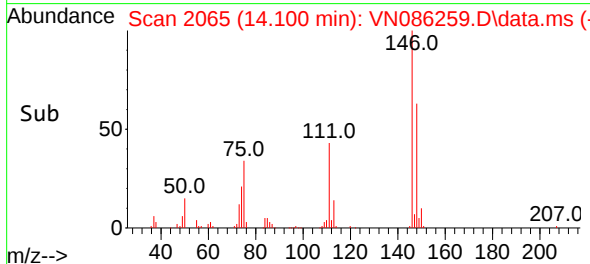
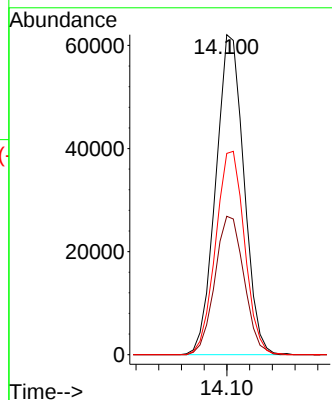
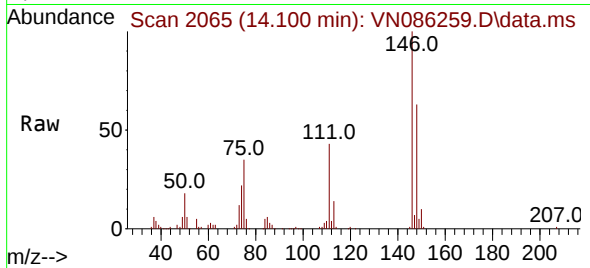
#87
1,2-Dichlorobenzene
Concen: 20.757 ug/l
RT: 14.100 min Scan# 2065
Delta R.T. 0.000 min
Lab File: VN086259.D
Acq: 14 Apr 2025 11:03

Instrument :
MSVOA_N
ClientSampleId :
VN0414WBSD01

Tgt Ion:146 Resp: 10685
Ion Ratio Lower Upper
146 100
111 44.8 22.7 68.0
148 65.3 31.8 95.3

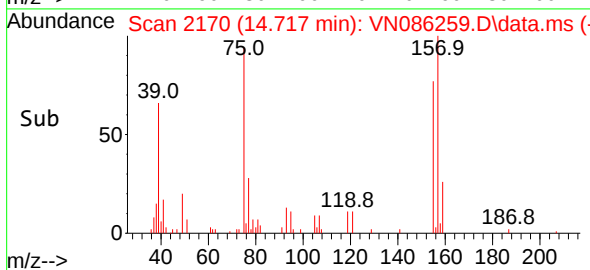
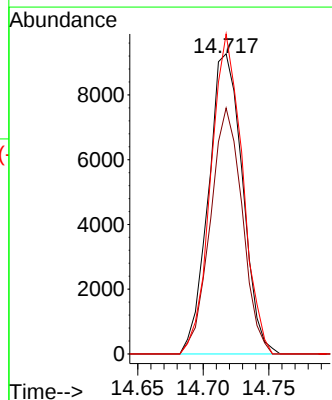
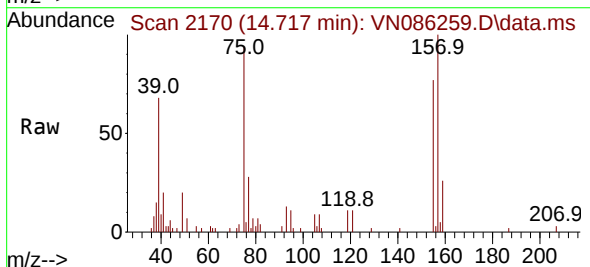
Manual Integrations
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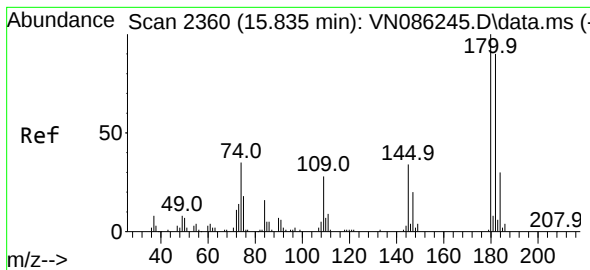
Reviewed By :John Carlone 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025



#88
1,2-Dibromo-3-Chloropropane
Concen: 20.422 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. 0.000 min
Lab File: VN086259.D
Acq: 14 Apr 2025 11:03

Tgt Ion: 75 Resp: 16765
Ion Ratio Lower Upper
75 100
155 76.7 60.3 90.5
157 98.8 79.0 118.4





#89

1,2,4-Trichlorobenzene

Concen: 20.486 ug/l

RT: 15.835 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN086259.D

Acq: 14 Apr 2025 11:03

Instrument :

MSVOA_N

ClientSampleId :

VN0414WBSD01

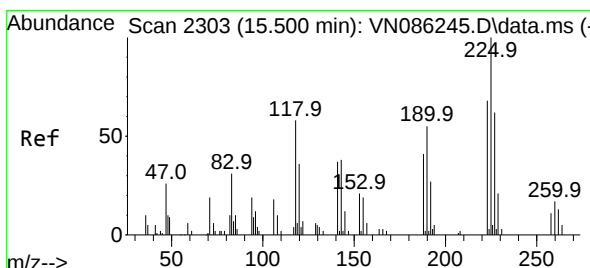
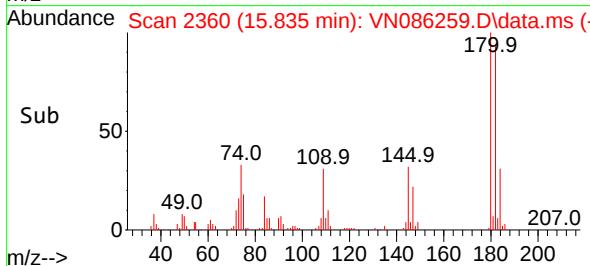
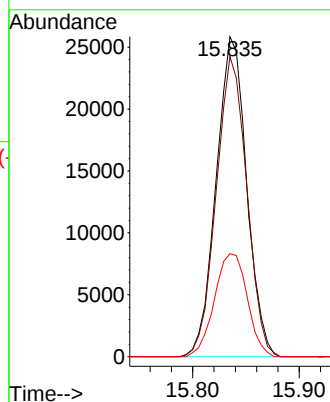
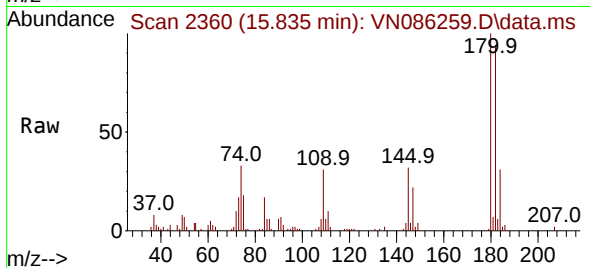
Tgt Ion:	180	Resp:	5131
Ion Ratio	Lower	Upper	
180	100		
182	93.8	75.1	112.7
145	34.7	27.1	40.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/16/2025

Supervised By :Semsettin Yesilyurt 04/16/2025



#90

Hexachlorobutadiene

Concen: 18.496 ug/l

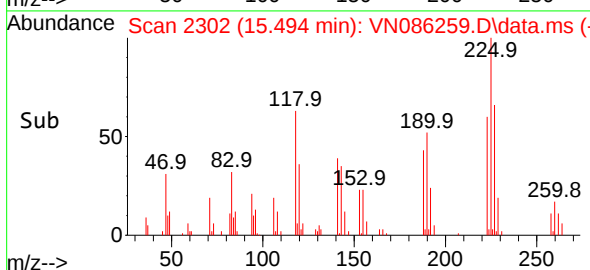
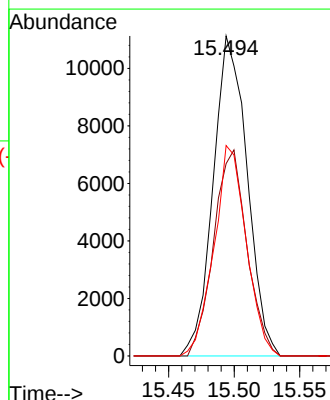
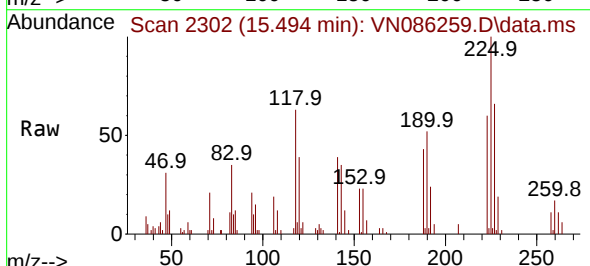
RT: 15.494 min Scan# 2302

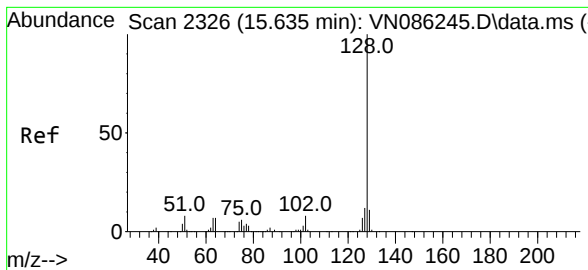
Delta R.T. -0.006 min

Lab File: VN086259.D

Acq: 14 Apr 2025 11:03

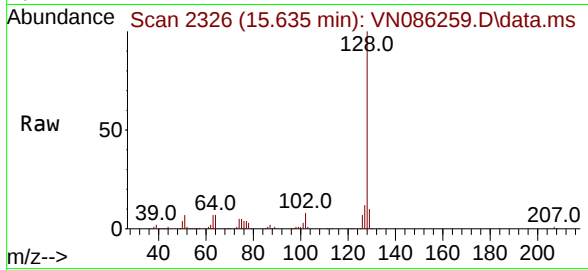
Tgt Ion:	225	Resp:	20003
Ion Ratio	Lower	Upper	
225	100		
223	63.4	0.0	130.0
227	62.5	0.0	123.2





#91
Naphthalene
Concen: 20.513 ug/l
RT: 15.635 min Scan# 2326
Delta R.T. 0.000 min
Lab File: VN086259.D
Acq: 14 Apr 2025 11:03

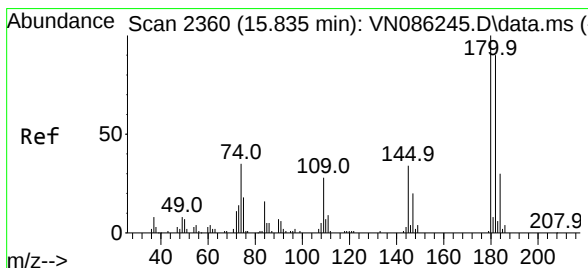
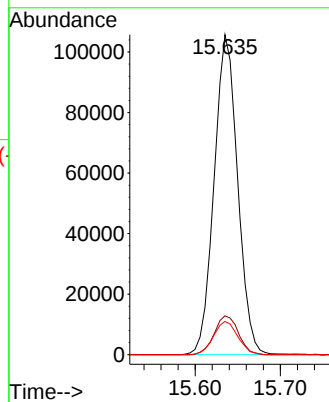
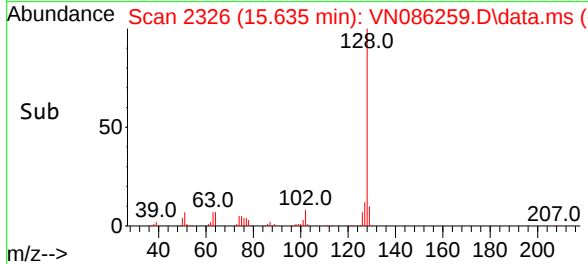
Instrument :
MSVOA_N
ClientSampleId :
VN0414WBSD01



Tgt Ion:128 Resp: 20257
Ion Ratio Lower Upper
128 100
127 12.5 10.2 15.2
129 10.7 8.8 13.2

Manual Integrations
APPROVED

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



#92
1,2,3-Trichlorobenzene
Concen: 20.486 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. 0.000 min
Lab File: VN086259.D
Acq: 14 Apr 2025 11:03

Tgt Ion:180 Resp: 51313
Ion Ratio Lower Upper
180 100
182 93.8 0.0 187.8
145 34.7 0.0 67.8

