

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050225\
 Data File : VN086456.D
 Acq On : 02 May 2025 12:14
 Operator : JC\MD
 Sample : VN0502WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0502WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/05/2025
 Supervised By : Semsettin Yesilyurt 05/05/2025

Quant Time: May 02 23:14:59 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 16 04:19:23 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	145586	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	268054	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.859	117	242177	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	108773	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	118998	56.367	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 112.740%			
35) Dibromofluoromethane	8.159	113	74901	60.206	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 120.420%			
50) Toluene-d8	10.565	98	355221	53.425	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 106.860%			
62) 4-Bromofluorobenzene	12.847	95	126083	51.990	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 103.980%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.124	85	31952	18.514	ug/l	97
3) Chloromethane	2.359	50	43467	17.330	ug/l	100
4) Vinyl Chloride	2.512	62	42804	17.883	ug/l	99
5) Bromomethane	2.954	94	25613	23.790	ug/l	98
6) Chloroethane	3.118	64	29664	18.518	ug/l	98
7) Trichlorofluoromethane	3.501	101	52060	19.636	ug/l	98
8) Diethyl Ether	3.959	74	21816	18.849	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.371	101	31875	19.874	ug/l	98
10) Methyl Iodide	4.583	142	39960	22.662	ug/l	98
11) Tert butyl alcohol	5.512	59	40924	106.243	ug/l	99
12) 1,1-Dichloroethene	4.342	96	30861	18.010	ug/l	94
13) Acrolein	4.183	56	16822	83.614	ug/l	98
14) Allyl chloride	5.024	41	48708	15.990	ug/l	94
15) Acrylonitrile	5.718	53	95093	99.865	ug/l	99
16) Acetone	4.424	43	78830	104.683	ug/l	99
17) Carbon Disulfide	4.712	76	85785	16.720	ug/l	100
18) Methyl Acetate	5.030	43	45750	18.053	ug/l	98
19) Methyl tert-butyl Ether	5.794	73	121226	19.246	ug/l	99
20) Methylene Chloride	5.277	84	37768	19.351	ug/l	94
21) trans-1,2-Dichloroethene	5.783	96	34740	19.392	ug/l	95
22) Diisopropyl ether	6.671	45	119656	18.057	ug/l	94
23) Vinyl Acetate	6.600	43	454755	98.172	ug/l	97
24) 1,1-Dichloroethane	6.565	63	65222	18.654	ug/l	99
25) 2-Butanone	7.483	43	126341	96.145	ug/l	96
26) 2,2-Dichloropropane	7.489	77	58483	18.682	ug/l	98
27) cis-1,2-Dichloroethene	7.483	96	42882	19.286	ug/l	97
28) Bromochloromethane	7.812	49	29471	19.880	ug/l	90
29) Tetrahydrofuran	7.836	42	82670	94.079	ug/l	96
30) Chloroform	7.965	83	68649	19.988	ug/l	99
31) Cyclohexane	8.253	56	60698	17.741	ug/l	97
32) 1,1,1-Trichloroethane	8.165	97	57708	19.641	ug/l	98
36) 1,1-Dichloropropene	8.371	75	47184	18.989	ug/l	98
37) Ethyl Acetate	7.559	43	52081	19.908	ug/l	99
38) Carbon Tetrachloride	8.359	117	48099	20.326	ug/l	97
39) Methylcyclohexane	9.594	83	53440	18.094	ug/l	99
40) Benzene	8.606	78	155524	19.535	ug/l	99

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.771	41	27303	18.008	ug/l	92
42) 1,2-Dichloroethane	8.665	62	52848	20.816	ug/l	100
43) Isopropyl Acetate	8.683	43	102439	20.449	ug/l	98
44) Trichloroethene	9.347	130	37690	19.974	ug/l	92
45) 1,2-Dichloropropane	9.618	63	38031	19.515	ug/l	93
46) Dibromomethane	9.706	93	27118	21.840	ug/l	97
47) Bromodichloromethane	9.888	83	55558	20.717	ug/l	99
48) Methyl methacrylate	9.677	41	42182	18.361	ug/l	95
49) 1,4-Dioxane	9.694	88	17440	446.300	ug/l	95
51) 4-Methyl-2-Pentanone	10.441	43	270141	100.843	ug/l	99
52) Toluene	10.629	92	97386	19.604	ug/l	97
53) t-1,3-Dichloropropene	10.835	75	60763	20.298	ug/l	100
54) cis-1,3-Dichloropropene	10.312	75	65001	19.769	ug/l	98
55) 1,1,2-Trichloroethane	11.012	97	38097	21.315	ug/l	96
56) Ethyl methacrylate	10.871	69	63046	19.190	ug/l	97
57) 1,3-Dichloropropane	11.159	76	64291	20.274	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	133965	85.912	ug/l	97
59) 2-Hexanone	11.194	43	201227	101.273	ug/l	100
60) Dibromochloromethane	11.353	129	40966	20.873	ug/l	100
61) 1,2-Dibromoethane	11.465	107	38247	21.208	ug/l	99
64) Tetrachloroethene	11.100	164	37604	20.186	ug/l	97
65) Chlorobenzene	11.888	112	107031	19.804	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	36396	20.413	ug/l	98
67) Ethyl Benzene	11.959	91	186400	19.113	ug/l	98
68) m/p-Xylenes	12.071	106	143762	39.341	ug/l	95
69) o-Xylene	12.394	106	71355	19.745	ug/l	97
70) Styrene	12.412	104	117039	19.437	ug/l	99
71) Bromoform	12.576	173	27536	20.513	ug/l #	97
73) Isopropylbenzene	12.694	105	170656	19.179	ug/l	100
74) N-amyl acetate	12.488	43	80233	18.113	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.935	83	53786	21.023	ug/l	98
76) 1,2,3-Trichloropropane	12.988	75	44872m	17.481	ug/l	
77) Bromobenzene	12.976	156	42151	21.380	ug/l	93
78) n-propylbenzene	13.029	91	197732	18.859	ug/l	100
79) 2-Chlorotoluene	13.123	91	128038	19.515	ug/l	100
80) 1,3,5-Trimethylbenzene	13.170	105	141678	19.454	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	21291	19.920	ug/l	95
82) 4-Chlorotoluene	13.218	91	126883	19.469	ug/l	98
83) tert-Butylbenzene	13.435	119	118858	18.836	ug/l	99
84) 1,2,4-Trimethylbenzene	13.476	105	141655	19.109	ug/l	100
85) sec-Butylbenzene	13.612	105	164745	18.822	ug/l	99
86) p-Isopropyltoluene	13.723	119	136925	18.979	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	75176	20.284	ug/l	98
88) 1,4-Dichlorobenzene	13.806	146	76961	20.617	ug/l	98
89) n-Butylbenzene	14.053	91	115942	18.131	ug/l	99
90) Hexachloroethane	14.329	117	22465	18.512	ug/l	97
91) 1,2-Dichlorobenzene	14.100	146	74951	20.859	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	10823	20.981	ug/l	97
93) 1,2,4-Trichlorobenzene	15.388	180	34482	20.041	ug/l	99
94) Hexachlorobutadiene	15.500	225	12138	18.688	ug/l	96
95) Naphthalene	15.635	128	120282	19.721	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	33027	20.275	ug/l	97

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MSVOA_N
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VN0502WBSD01

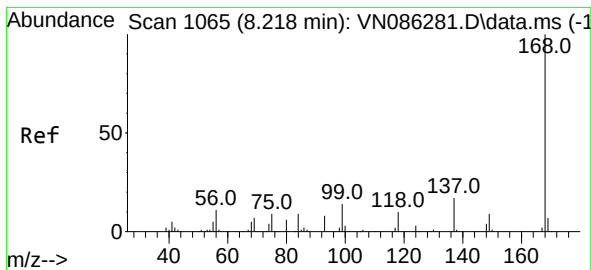
Manual Integrations
APPROVED

Reviewed By :John Carlone 05/05/2025
Supervised By :Semsettin Yesilyurt 05/05/2025

Quant Time: May 02 23:14:59 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 16 04:19:23 2025
Response via : Initial Calibration

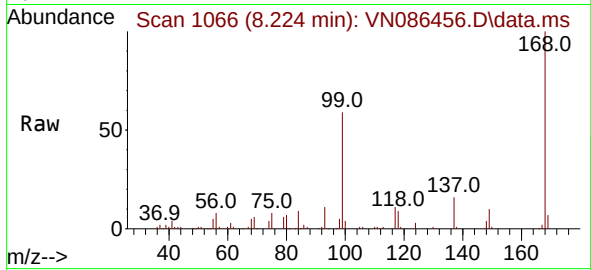
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN086456.D
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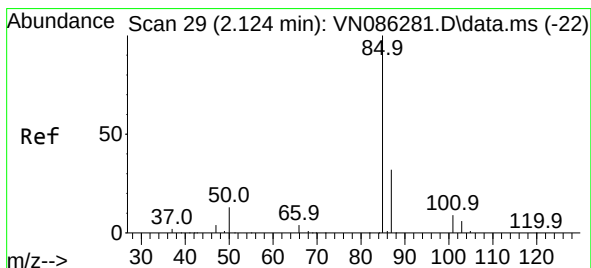
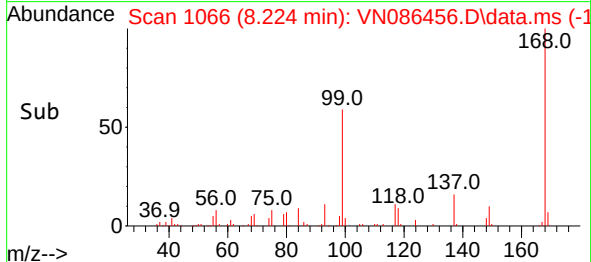
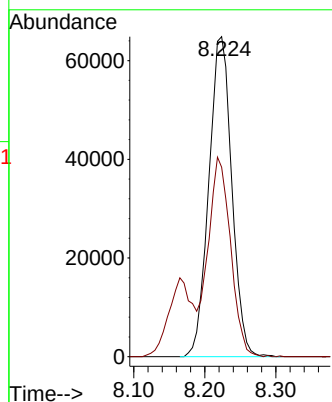
Instrument :
MSVOA_N
ClientSampleId :
VN0502WBSD01



Tgt Ion:168 Resp: 145586
Ion Ratio Lower Upper
168 100
99 58.9 52.5 78.7

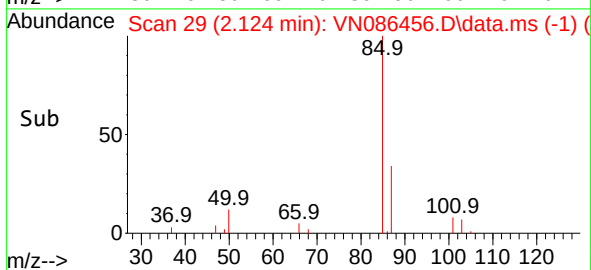
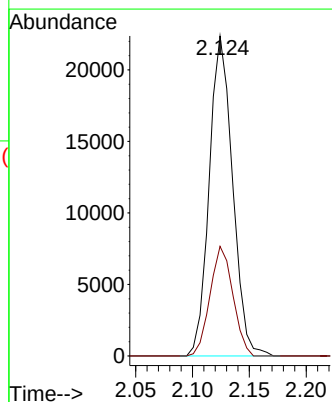
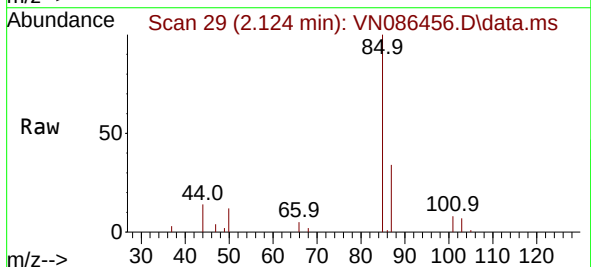
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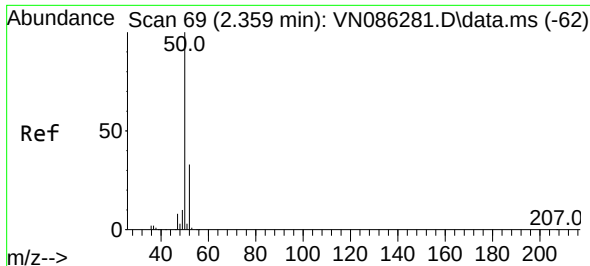
Reviewed By :John Carlone 05/05/2025
Supervised By :Semsettin Yesilyurt 05/05/2025



#2
Dichlorodifluoromethane
Concen: 18.514 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN086456.D
Acq: 02 May 2025 12:14

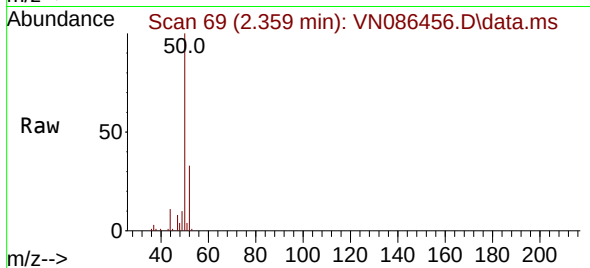
Tgt Ion: 85 Resp: 31952
Ion Ratio Lower Upper
85 100
87 34.3 16.3 48.8





#3
Chloromethane
Concen: 17.330 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN086456.D
Acq: 02 May 2025 12:14

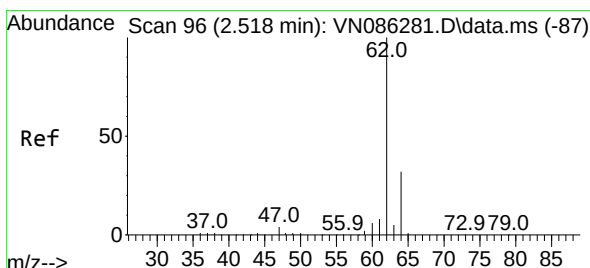
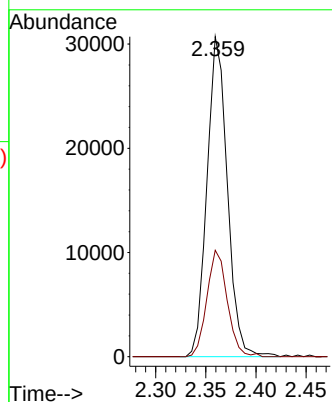
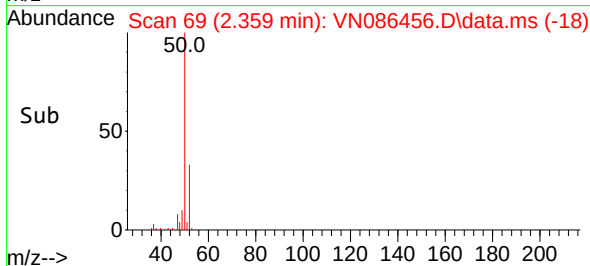
Instrument :
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Tgt Ion: 50 Resp: 4346
Ion Ratio Lower Upper
50 100
52 33.2 26.5 39.7

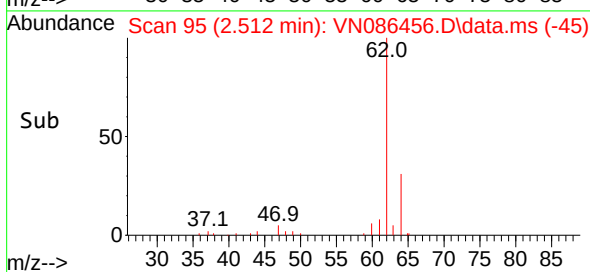
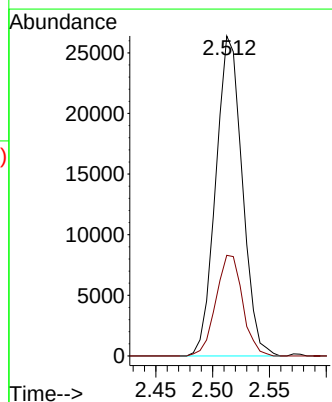
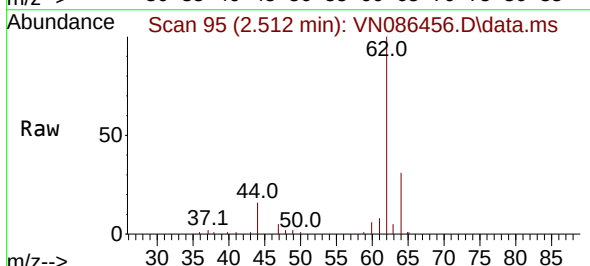
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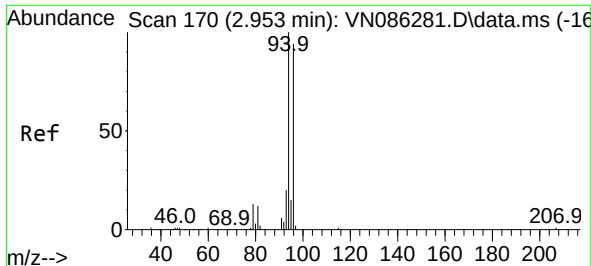
Reviewed By :John Carlone 05/05/2025
Supervised By :Semsettin Yesilyurt 05/05/2025



#4
Vinyl Chloride
Concen: 17.883 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.006 min
Lab File: VN086456.D
Acq: 02 May 2025 12:14

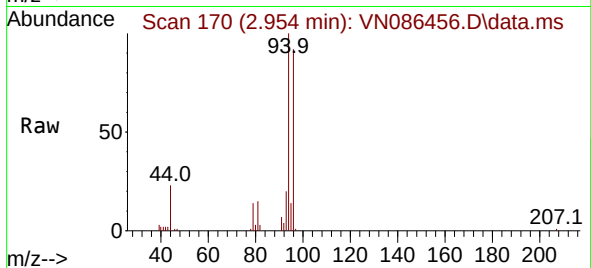
Tgt Ion: 62 Resp: 42804
Ion Ratio Lower Upper
62 100
64 31.5 25.6 38.4





#5
Bromomethane
Concen: 23.790 ug/l
RT: 2.954 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN086456.D
Acq: 02 May 2025 12:14

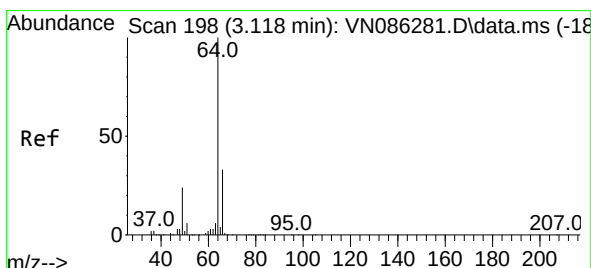
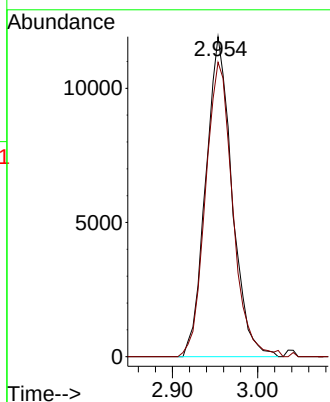
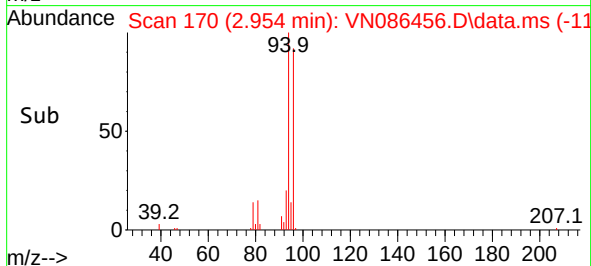
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Tgt Ion: 94 Resp: 2561
Ion Ratio Lower Upper
94 100
96 92.0 75.2 112.8

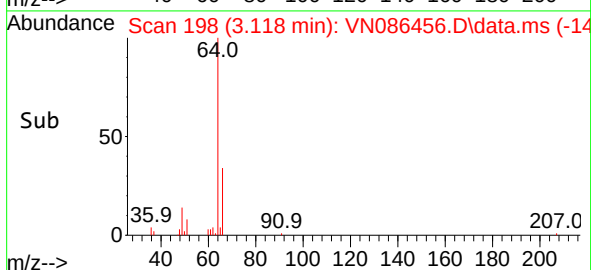
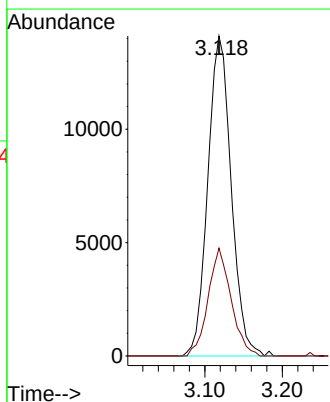
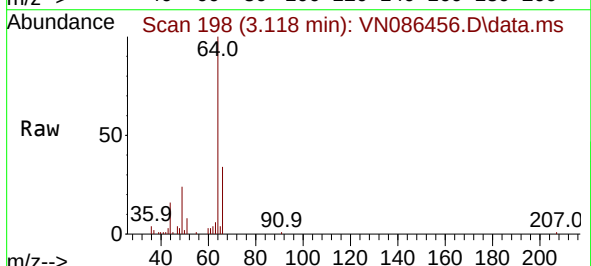
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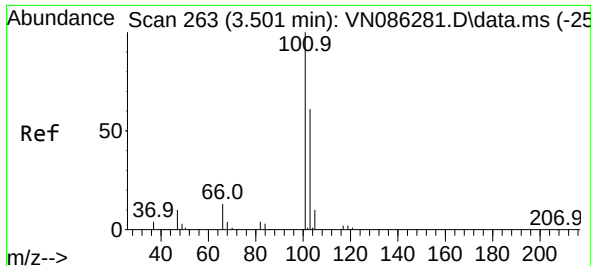
Reviewed By :John Carlone 05/05/2025
Supervised By :Semsettin Yesilyurt 05/05/2025



#6
Chloroethane
Concen: 18.518 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.000 min
Lab File: VN086456.D
Acq: 02 May 2025 12:14

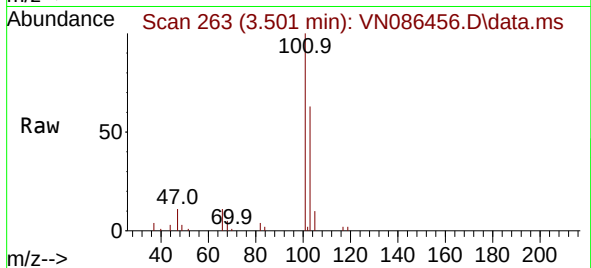
Tgt Ion: 64 Resp: 29664
Ion Ratio Lower Upper
64 100
66 33.7 26.2 39.2





#7
 Trichlorofluoromethane
 Concen: 19.636 ug/l
 RT: 3.501 min Scan# 263
 Delta R.T. 0.000 min
 Lab File: VN086456.D
 Acq: 02 May 2025 12:14

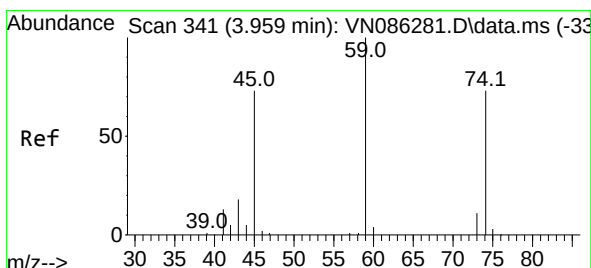
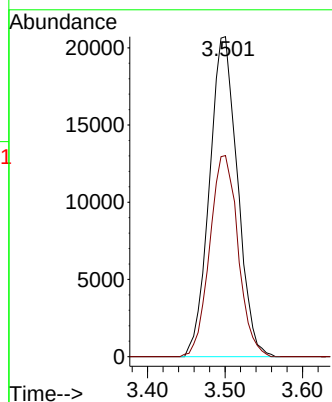
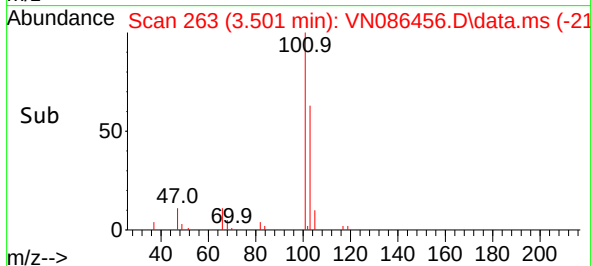
Instrument :
 MSVOA_N
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Tgt Ion:101 Resp: 52060
 Ion Ratio Lower Upper
 101 100
 103 62.8 49.2 73.8

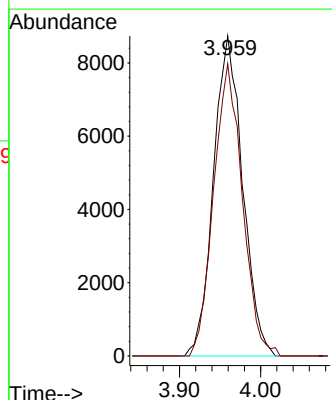
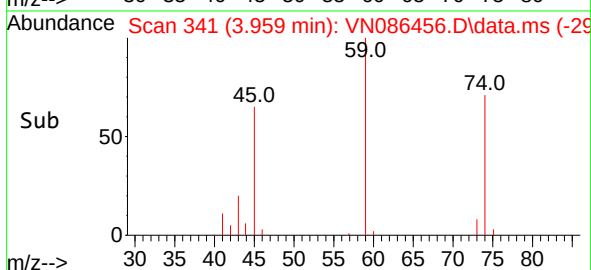
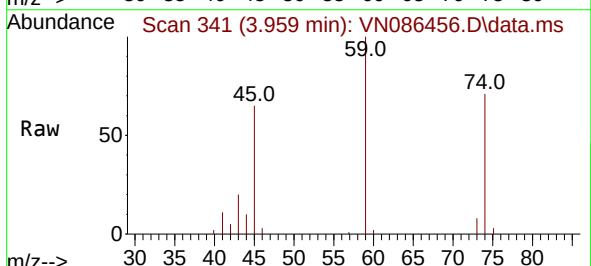
Manual Integrations
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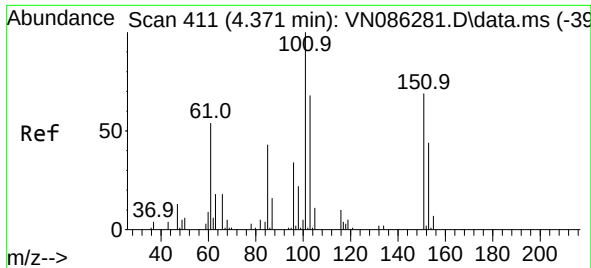
Reviewed By :John Carlone 05/05/2025
 Supervised By :Semsettin Yesilyurt 05/05/2025



#8
 Diethyl Ether
 Concen: 18.849 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. 0.000 min
 Lab File: VN086456.D
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Tgt Ion: 74 Resp: 21816
 Ion Ratio Lower Upper
 74 100
 45 89.9 48.0 144.2





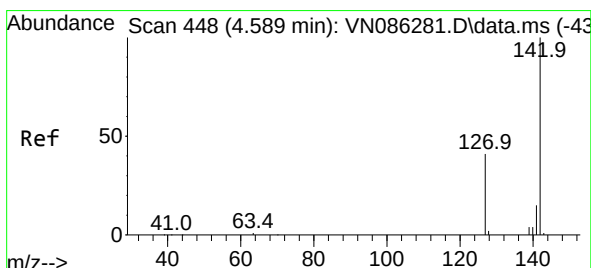
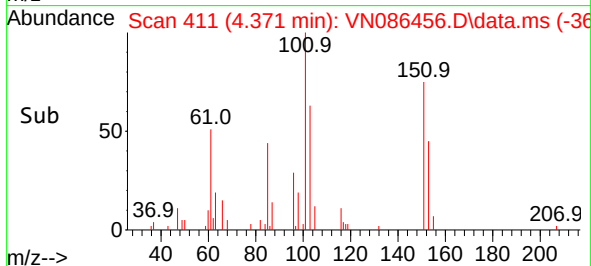
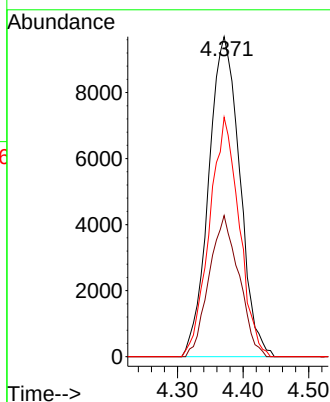
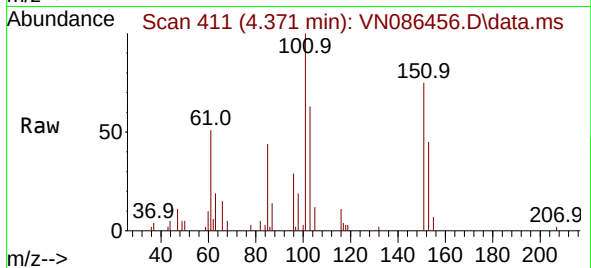
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.874 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.000 min
Lab File: VN086456.D
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ClientSampleId :
VN0502WBSD01

Tgt Ion:101 Resp: 3187
Ion Ratio Lower Upper
101 100
85 42.4 34.7 52.1
151 71.7 56.1 84.1

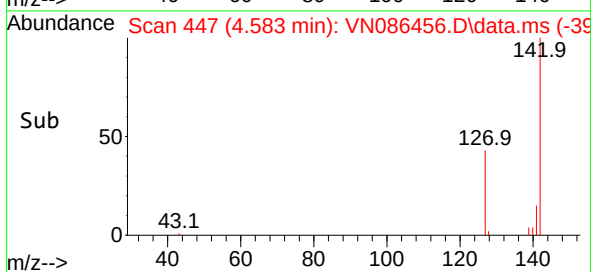
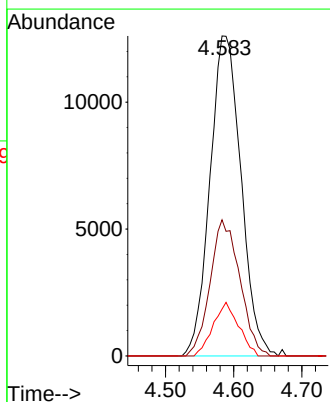
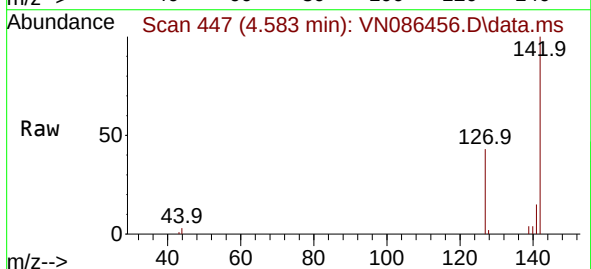
Manual Integrations
APPROVED

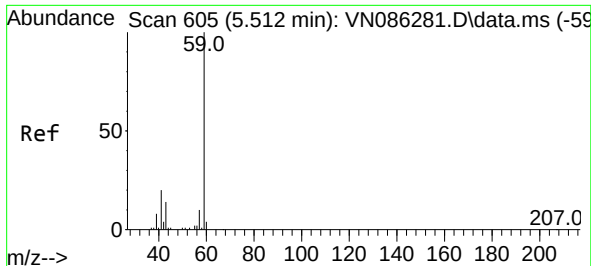
Reviewed By :John Carlone 05/05/2025
Supervised By :Semsettin Yesilyurt 05/05/2025



#10
Methyl Iodide
Concen: 22.662 ug/l
RT: 4.583 min Scan# 447
Delta R.T. -0.006 min
Lab File: VN086456.D
Acq: 02 May 2025 12:14

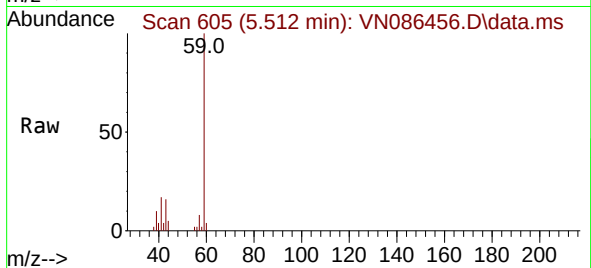
Tgt Ion:142 Resp: 39960
Ion Ratio Lower Upper
142 100
127 42.6 32.7 49.1
141 14.7 11.7 17.5





#11
Tert butyl alcohol
Concen: 106.243 ug/l
RT: 5.512 min Scan# 605
Delta R.T. 0.000 min
Lab File: VN086456.D
Acq: 02 May 2025 12:14

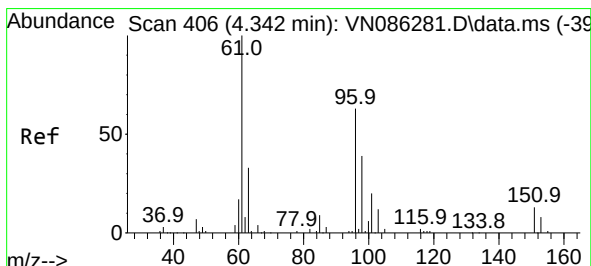
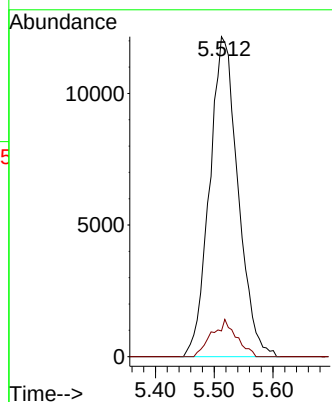
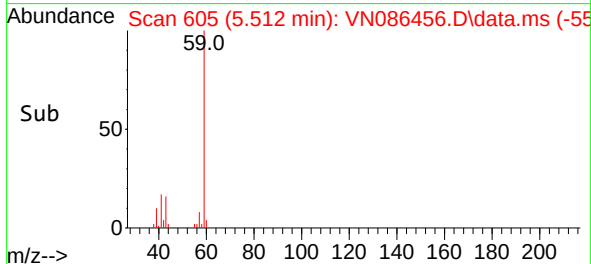
Instrument :
MSVOA_N
ClientSampleId :
VN0502WBSD01



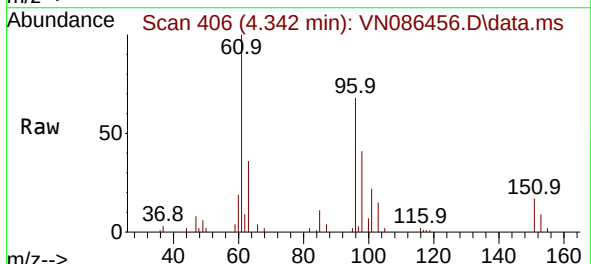
Tgt Ion: 59 Resp: 40924
Ion Ratio Lower Upper
59 100
57 10.0 8.3 12.5

Manual Integrations
APPROVED

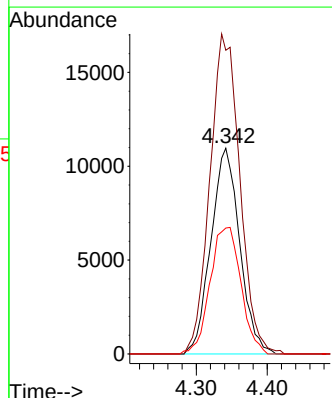
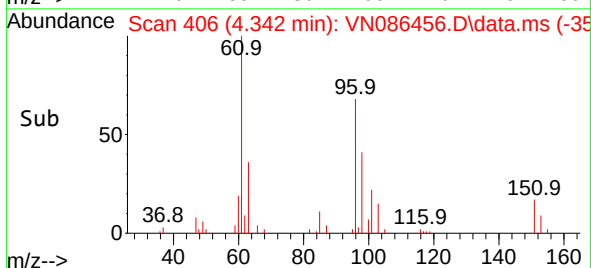
Reviewed By :John Carlone 05/05/2025
Supervised By :Semsettin Yesilyurt 05/05/2025

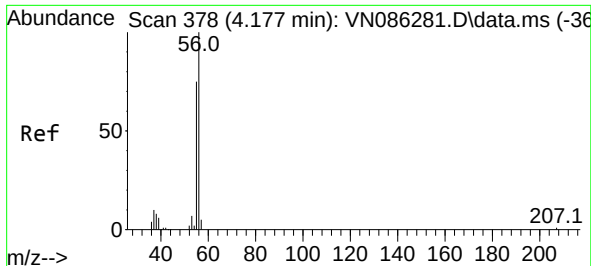


#12
1,1-Dichloroethene
Concen: 18.010 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.000 min
Lab File: VN086456.D
Acq: 02 May 2025 12:14



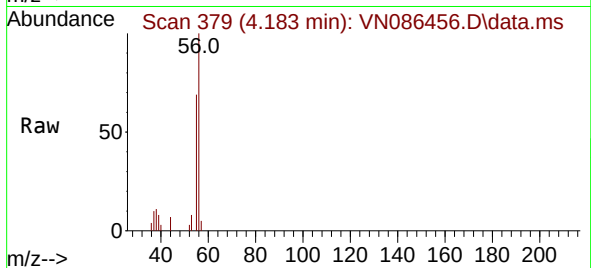
Tgt Ion: 96 Resp: 30861
Ion Ratio Lower Upper
96 100
61 147.7 126.6 189.8
98 61.2 49.6 74.4





#13
Acrolein
Concen: 83.614 ug/l
RT: 4.183 min Scan# 31
Delta R.T. 0.006 min
Lab File: VN086456.D
Acq: 02 May 2025 12:14

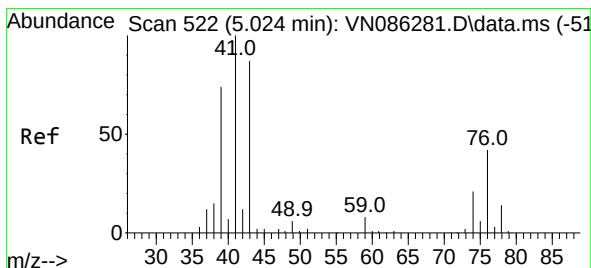
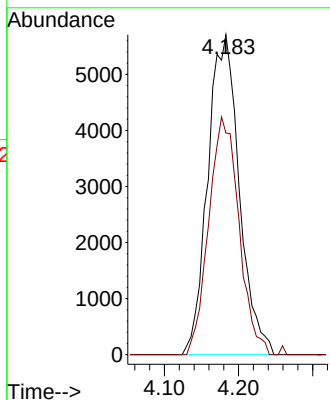
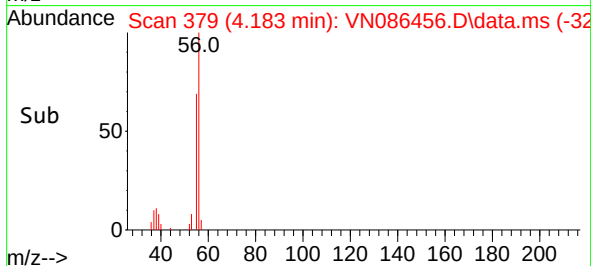
Instrument :
MSVOA_N
ClientSampleId :
VN0502WBSD01



Tgt Ion: 56 Resp: 1682
Ion Ratio Lower Upper
56 100
55 71.4 58.5 87.7

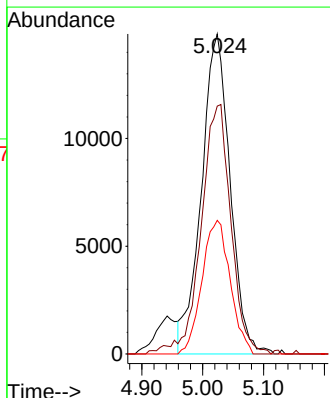
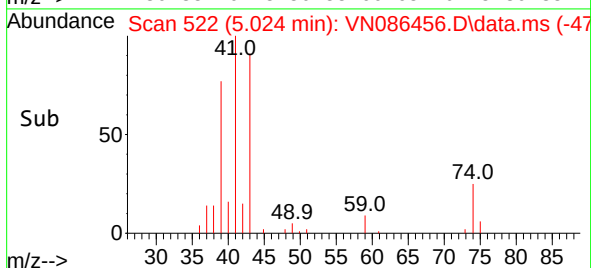
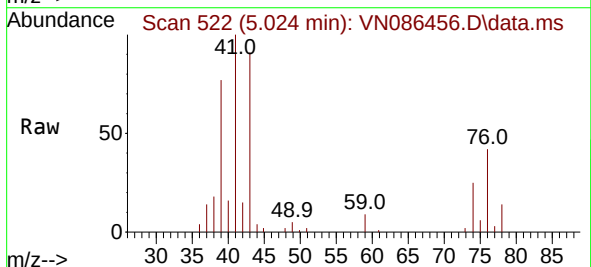
Manual Integrations
APPROVED

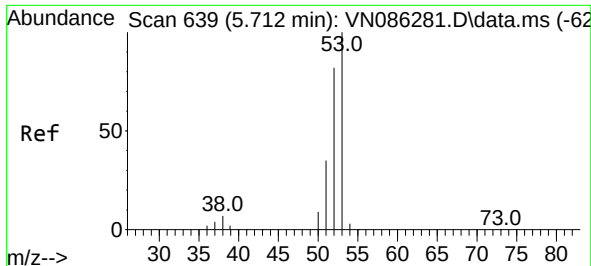
Reviewed By :John Carlone 05/05/2025
Supervised By :Semsettin Yesilyurt 05/05/2025



#14
Allyl chloride
Concen: 15.990 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.000 min
Lab File: VN086456.D
Acq: 02 May 2025 12:14

Tgt Ion: 41 Resp: 48708
Ion Ratio Lower Upper
41 100
39 80.7 59.2 88.8
76 40.8 31.2 46.8





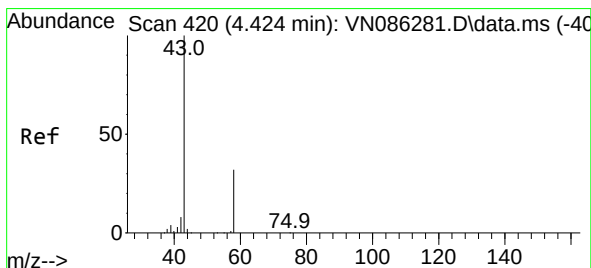
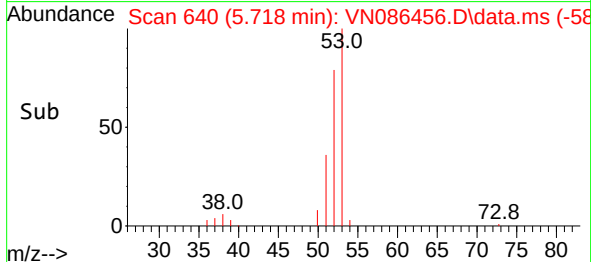
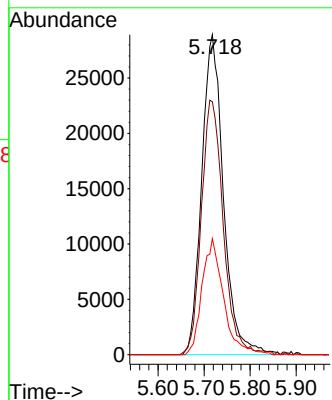
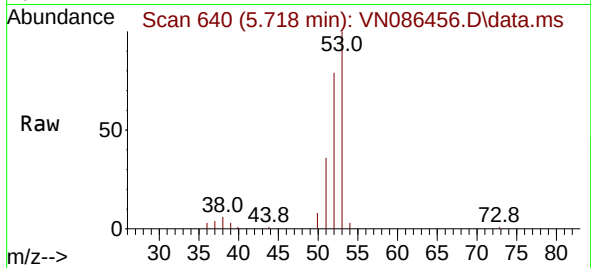
#15
Acrylonitrile
Concen: 99.865 ug/l
RT: 5.718 min Scan# 640
Delta R.T. 0.006 min
Lab File: VN086456.D
Acq: 02 May 2025 12:14

Instrument :
MSVOA_N
ClientSampleId :
VN0502WBSD01

Tgt Ion: 53 Resp: 9509
Ion Ratio Lower Upper
53 100
52 80.2 65.5 98.3
51 35.8 28.6 42.8

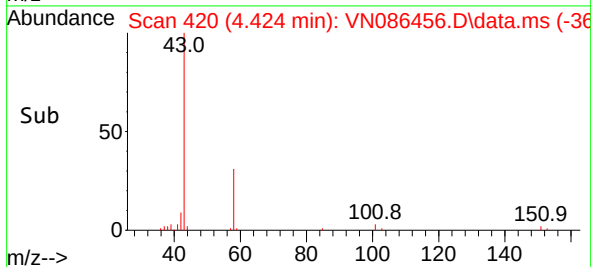
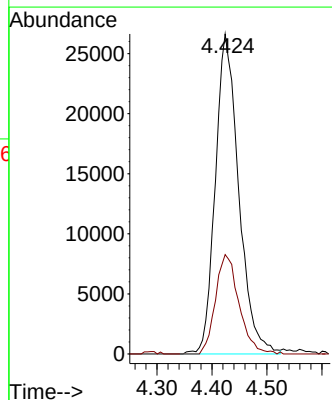
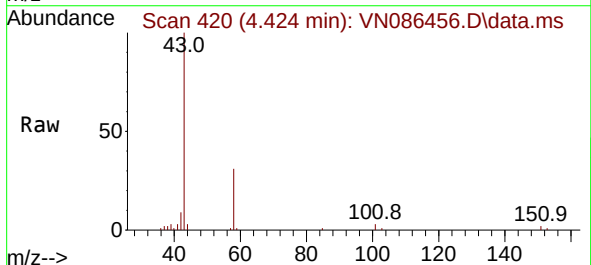
Manual Integrations
APPROVED

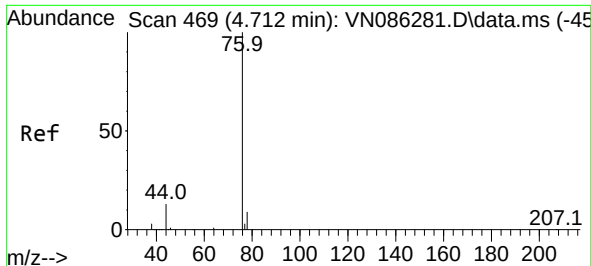
Reviewed By :John Carbone 05/05/2025
Supervised By :Semsettin Yesilyurt 05/05/2025



#16
Acetone
Concen: 104.683 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN086456.D
Acq: 02 May 2025 12:14

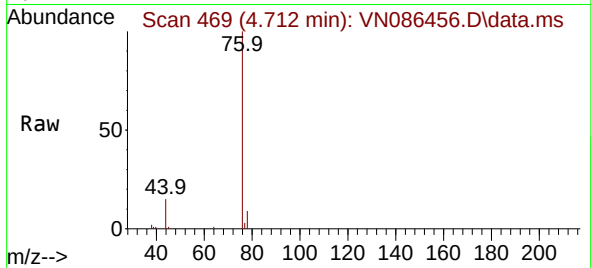
Tgt Ion: 43 Resp: 78830
Ion Ratio Lower Upper
43 100
58 31.1 25.3 37.9





#17
Carbon Disulfide
Concen: 16.720 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.000 min
Lab File: VN086456.D
Acq: 02 May 2025 12:14

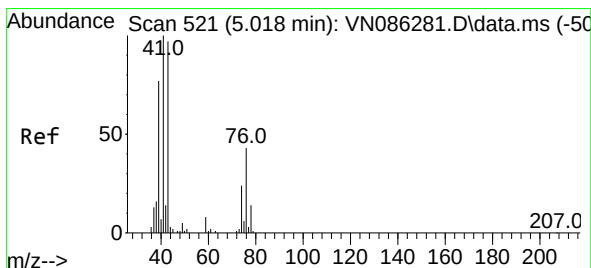
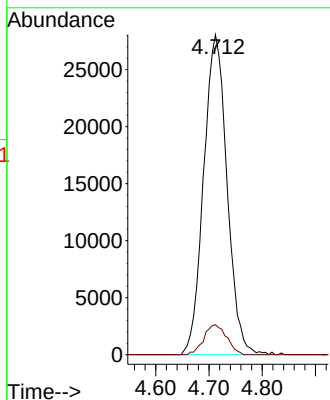
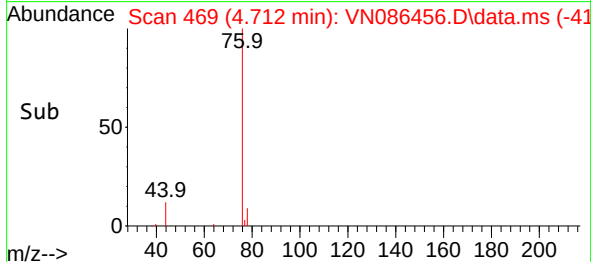
Instrument :
MSVOA_N
ClientSampleId :
VN0502WBSD01



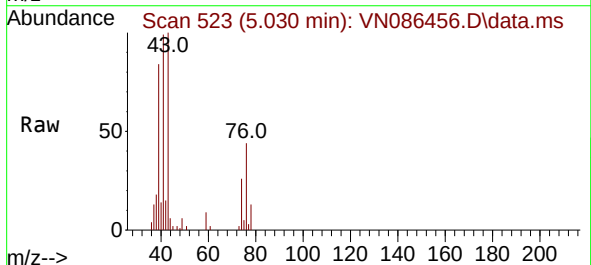
Tgt Ion: 76 Resp: 8578
Ion Ratio Lower Upper
76 100
78 9.4 7.6 11.4

Manual Integrations
APPROVED

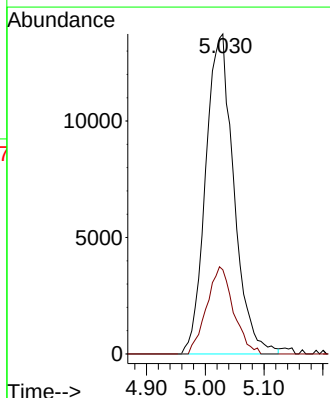
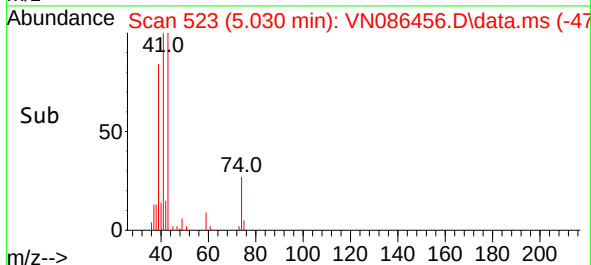
Reviewed By :John Carlone 05/05/2025
Supervised By :Semsettin Yesilyurt 05/05/2025

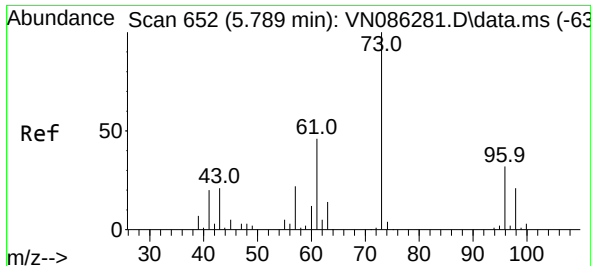


#18
Methyl Acetate
Concen: 18.053 ug/l
RT: 5.030 min Scan# 523
Delta R.T. 0.012 min
Lab File: VN086456.D
Acq: 02 May 2025 12:14



Tgt Ion: 43 Resp: 45750
Ion Ratio Lower Upper
43 100
74 25.8 19.8 29.6





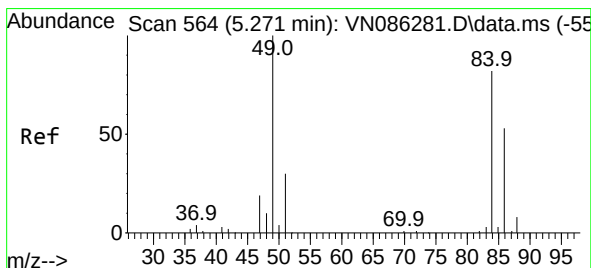
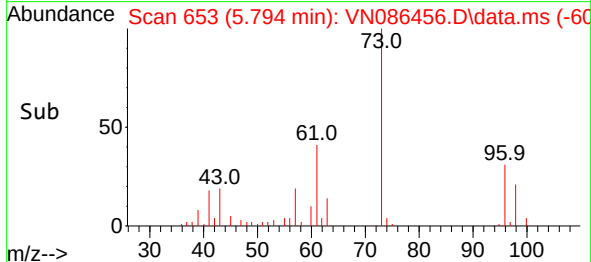
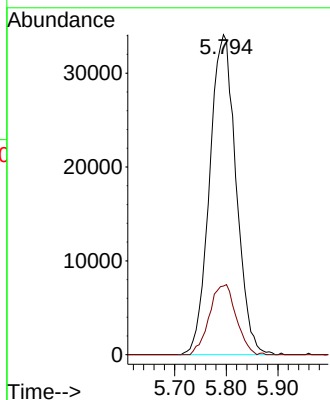
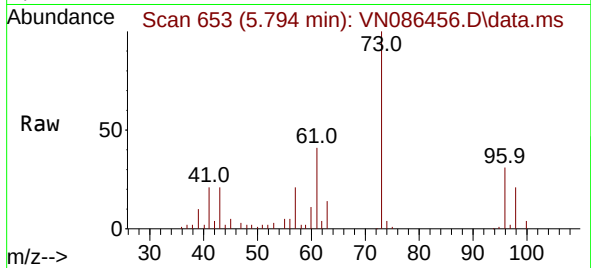
#19
Methyl tert-butyl Ether
Concen: 19.246 ug/l
RT: 5.794 min Scan# 612
Delta R.T. 0.006 min
Lab File: VN086456.D
Acq: 02 May 2025 12:14

Instrument :
MSVOA_N
ClientSampleId :
VN0502WBSD01

Tgt Ion: 73 Resp: 121220
Ion Ratio Lower Upper
73 100
57 21.4 17.6 26.4

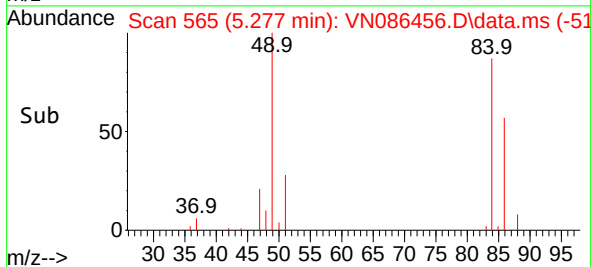
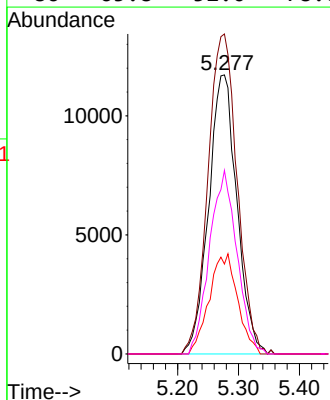
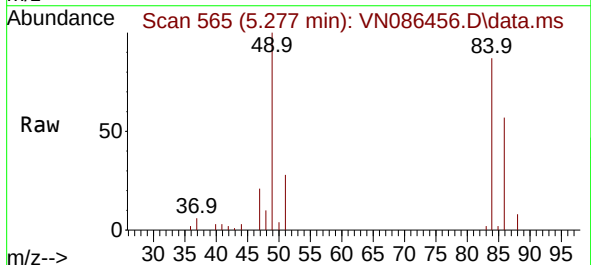
Manual Integrations
APPROVED

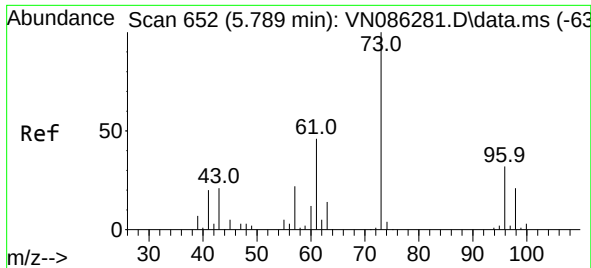
Reviewed By :John Carlone 05/05/2025
Supervised By :Semsettin Yesilyurt 05/05/2025



#20
Methylene Chloride
Concen: 19.351 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.006 min
Lab File: VN086456.D
Acq: 02 May 2025 12:14

Tgt Ion: 84 Resp: 37768
Ion Ratio Lower Upper
84 100
49 114.7 98.2 147.2
51 32.2 29.8 44.6
86 65.8 52.0 78.0





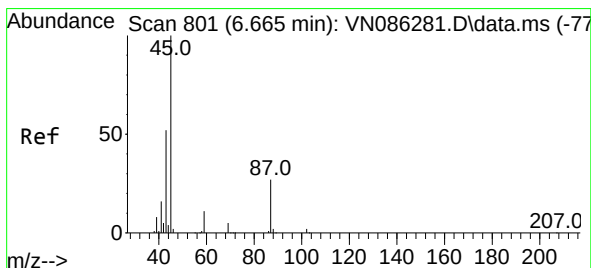
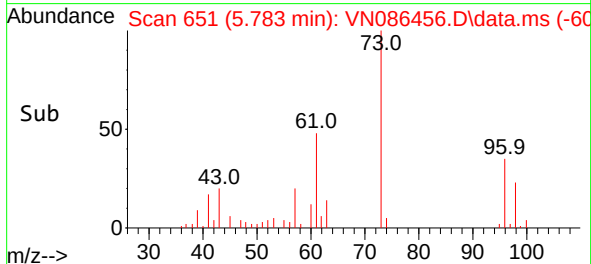
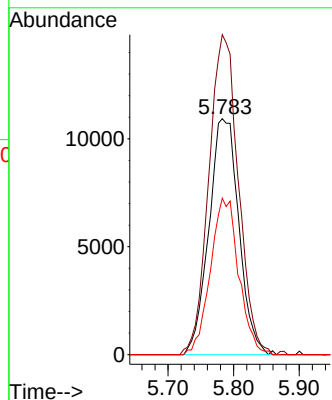
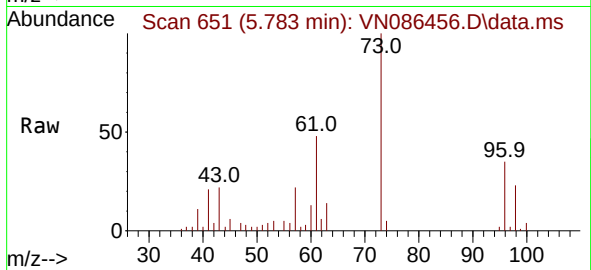
#21
trans-1,2-Dichloroethene
Concen: 19.392 ug/l
RT: 5.783 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN086456.D
Acq: 02 May 2025 12:14

Instrument :
MSVOA_N
ClientSampleId :
VN0502WBSD01

Tgt Ion: 96 Resp: 34740
Ion Ratio Lower Upper
96 100
61 135.6 114.6 171.8
98 66.3 51.2 76.8

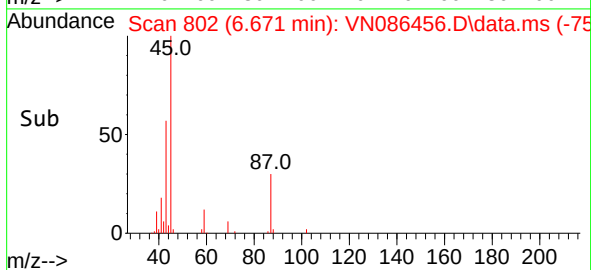
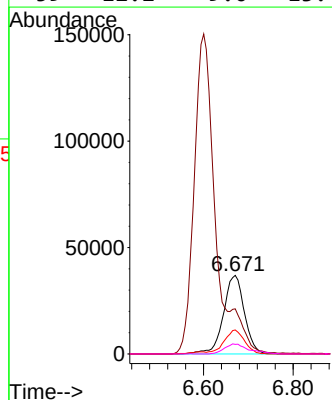
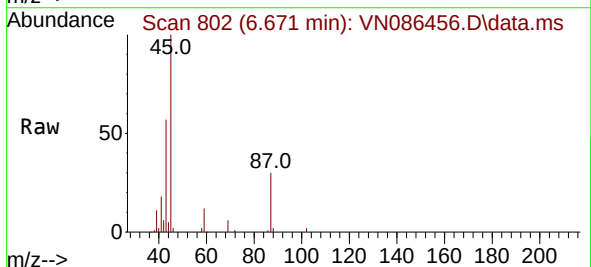
Manual Integrations
APPROVED

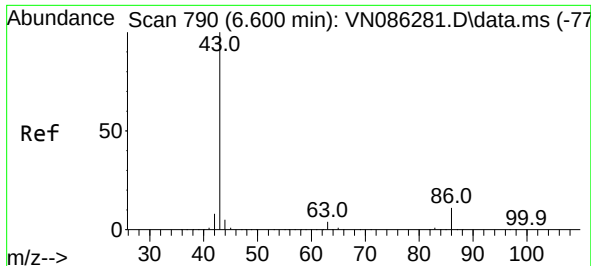
Reviewed By :John Carlone 05/05/2025
Supervised By :Semsettin Yesilyurt 05/05/2025



#22
Diisopropyl ether
Concen: 18.057 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.006 min
Lab File: VN086456.D
Acq: 02 May 2025 12:14

Tgt Ion: 45 Resp: 119656
Ion Ratio Lower Upper
45 100
43 56.4 41.8 62.8
87 30.5 21.6 32.4
59 12.2 9.0 13.4





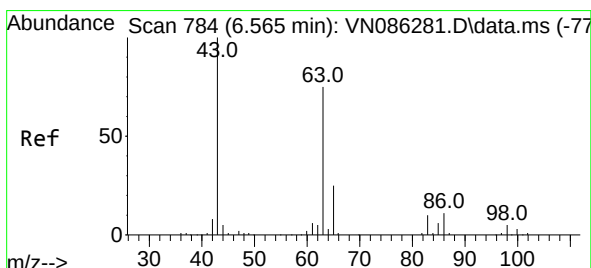
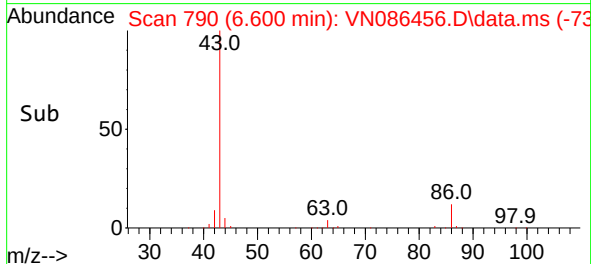
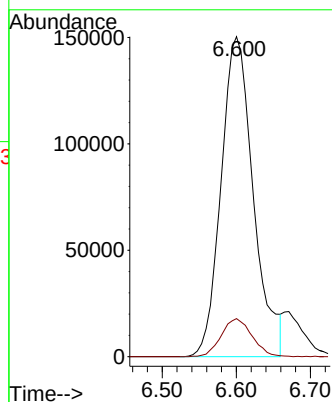
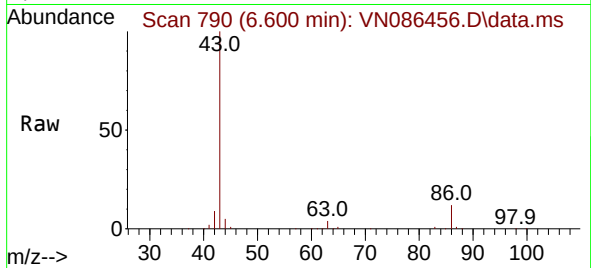
#23
 Vinyl Acetate
 Concen: 98.172 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. 0.000 min
 Lab File: VN086456.D
 Acq: 02 May 2025 12:14

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0502WBSD01

Tgt Ion: 43 Resp: 45475
 Ion Ratio Lower Upper
 43 100
 86 11.9 8.6 13.0

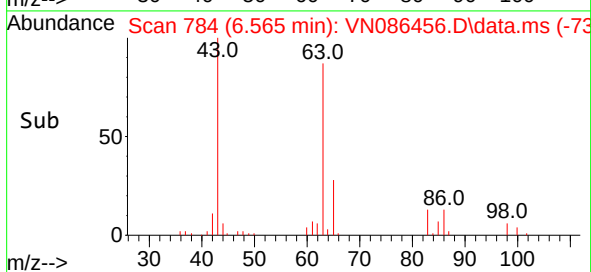
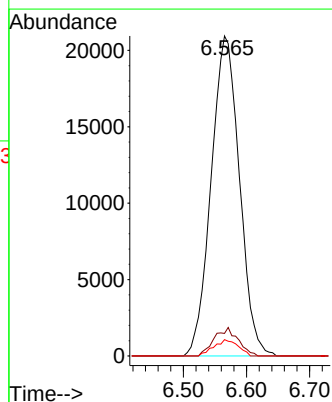
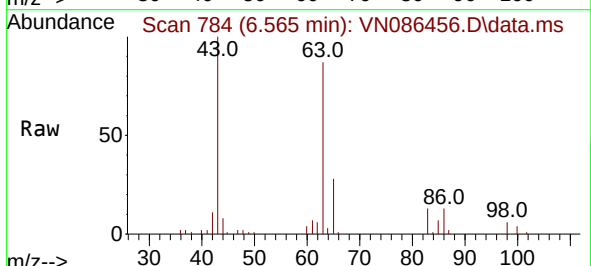
Manual Integrations
 APPROVED

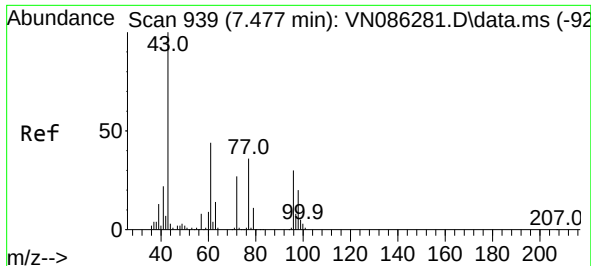
Reviewed By :John Carlone 05/05/2025
 Supervised By :Semsettin Yesilyurt 05/05/2025



#24
 1,1-Dichloroethane
 Concen: 18.654 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. 0.000 min
 Lab File: VN086456.D
 Acq: 02 May 2025 12:14

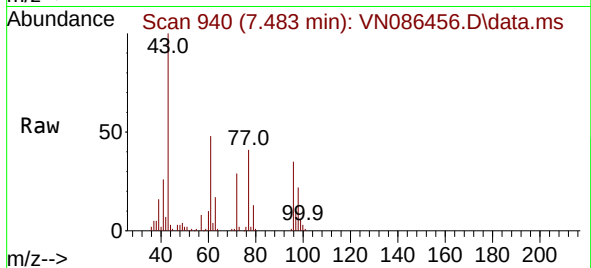
Tgt Ion: 63 Resp: 65222
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.4 10.2
 100 5.1 2.1 6.5





#25
2-Butanone
Concen: 96.145 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.006 min
Lab File: VN086456.D
Acq: 02 May 2025 12:14

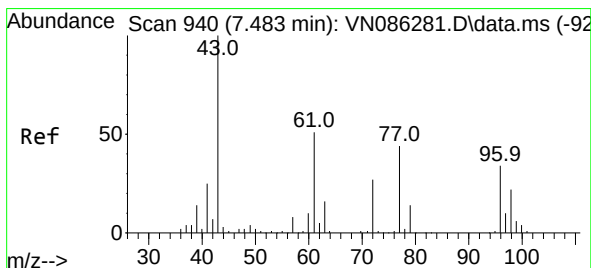
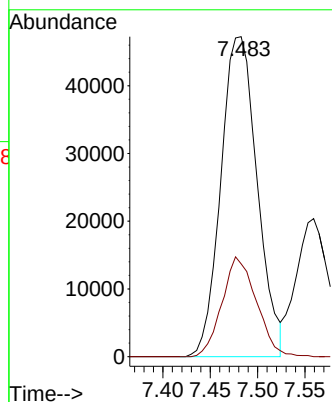
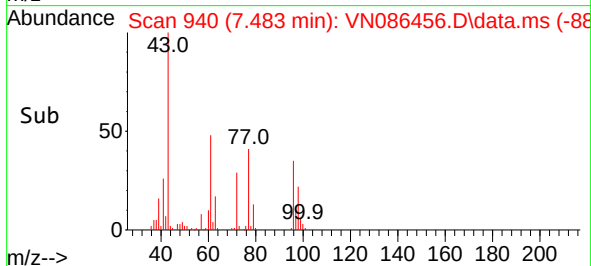
Instrument :
MSVOA_N
ClientSampleId :
VN0502WBSD01



Tgt Ion: 43 Resp: 12634
Ion Ratio Lower Upper
43 100
72 29.0 21.7 32.5

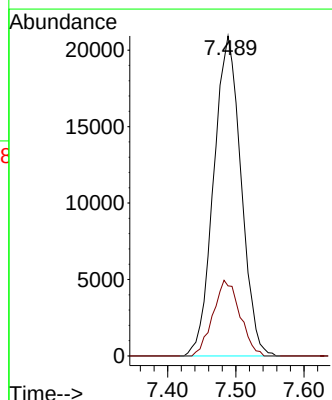
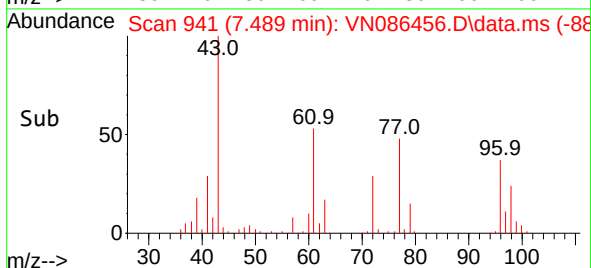
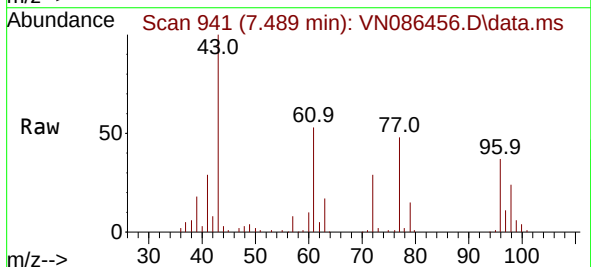
Manual Integrations
APPROVED

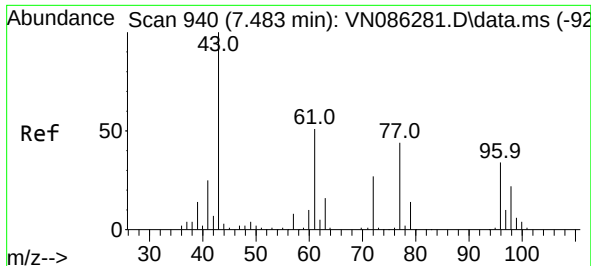
Reviewed By :John Carlone 05/05/2025
Supervised By :Semsettin Yesilyurt 05/05/2025



#26
2,2-Dichloropropane
Concen: 18.682 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN086456.D
Acq: 02 May 2025 12:14

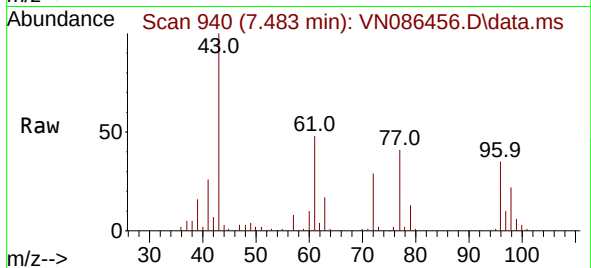
Tgt Ion: 77 Resp: 58483
Ion Ratio Lower Upper
77 100
97 23.3 11.2 33.5





#27
 cis-1,2-Dichloroethene
 Concen: 19.286 ug/l
 RT: 7.483 min Scan# 940
 Delta R.T. 0.000 min
 Lab File: VN086456.D
 Acq: 02 May 2025 12:14

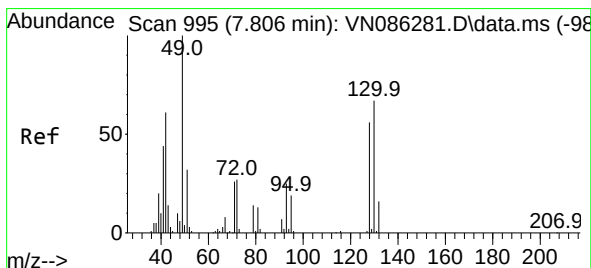
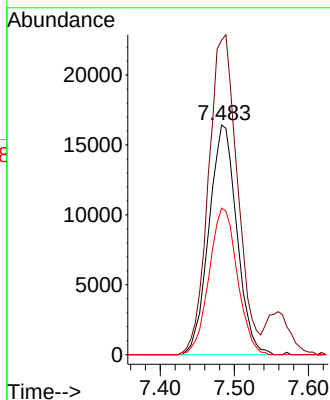
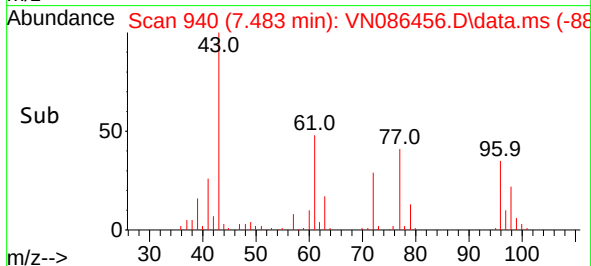
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0502WBSD01



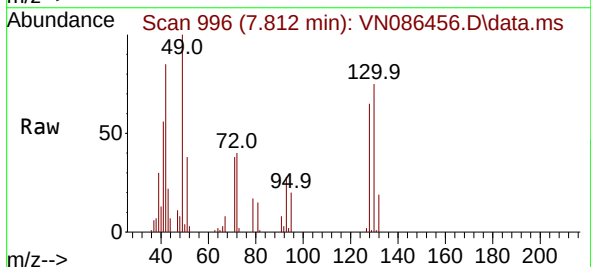
Tgt Ion: 96 Resp: 4288
 Ion Ratio Lower Upper
 96 100
 61 145.0 0.0 299.0
 98 64.6 0.0 129.6

Manual Integrations
 APPROVED

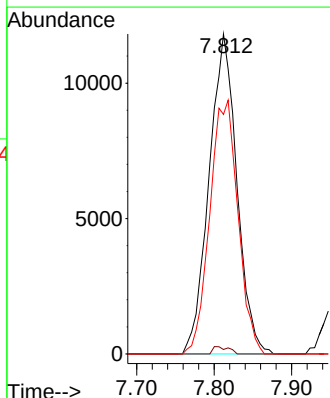
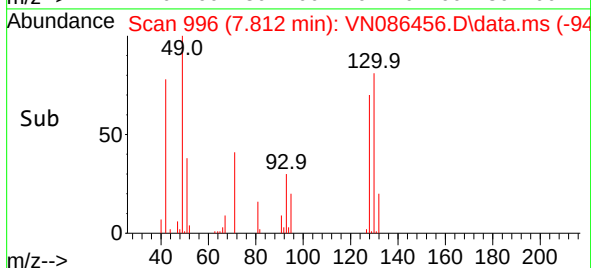
Reviewed By :John Carlone 05/05/2025
 Supervised By :Semsettin Yesilyurt 05/05/2025

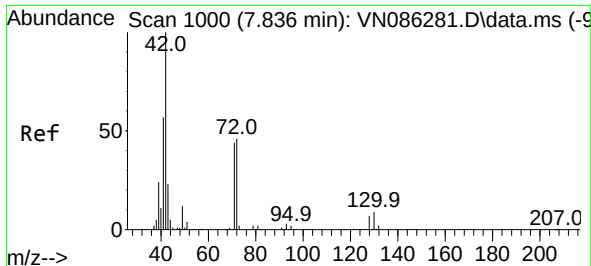


#28
 Bromochloromethane
 Concen: 19.880 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. 0.006 min
 Lab File: VN086456.D
 Acq: 02 May 2025 12:14



Tgt Ion: 49 Resp: 29471
 Ion Ratio Lower Upper
 49 100
 129 1.3 0.0 3.4
 130 80.3 57.1 85.7





#29

Tetrahydrofuran

Concen: 94.079 ug/l

RT: 7.836 min Scan# 1000

Delta R.T. 0.000 min

Lab File: VN086456.D

Acq: 02 May 2025 12:14

Instrument :

MSVOA_N

ClientSampleId :

VN0502WBSD01

Tgt Ion: 42 Resp: 82670

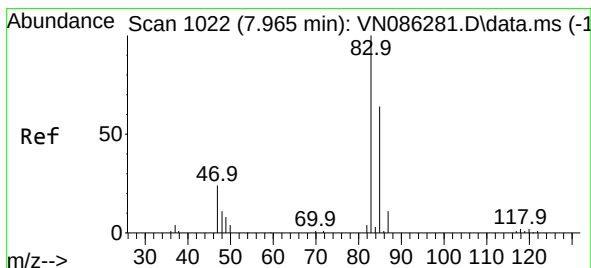
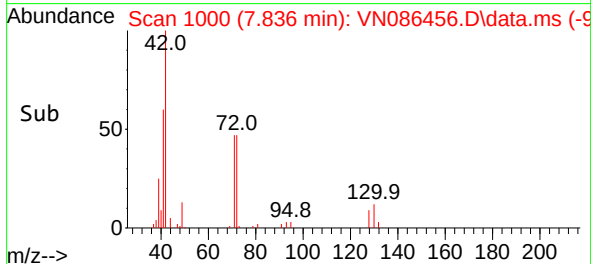
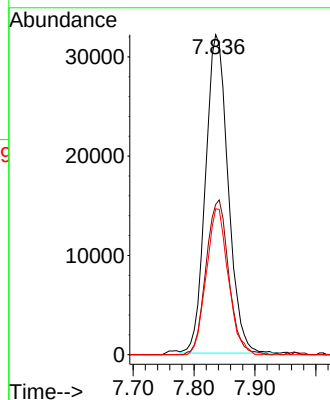
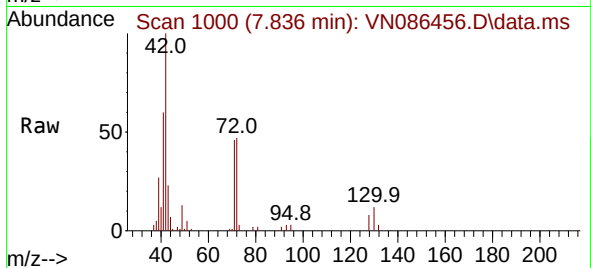
Ion	Ratio	Lower	Upper
42	100		
72	48.7	36.2	54.4
71	44.6	34.0	51.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/05/2025

Supervised By :Semsettin Yesilyurt 05/05/2025



#30

Chloroform

Concen: 19.988 ug/l

RT: 7.965 min Scan# 1022

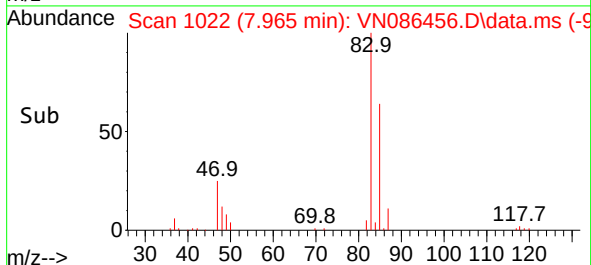
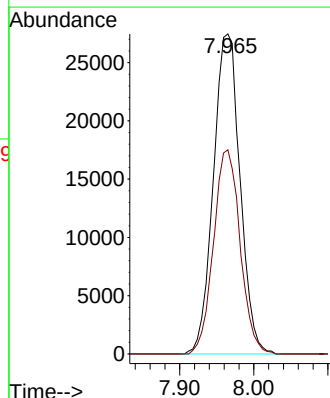
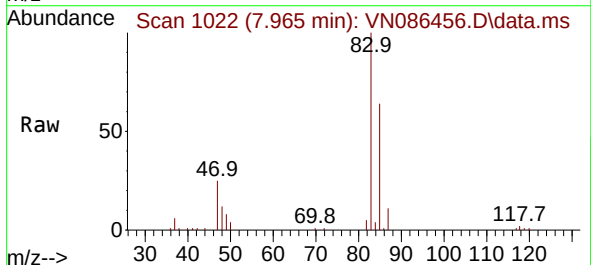
Delta R.T. 0.000 min

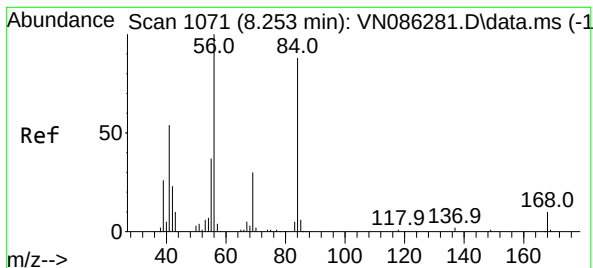
Lab File: VN086456.D

Acq: 02 May 2025 12:14

Tgt Ion: 83 Resp: 68649

Ion	Ratio	Lower	Upper
83	100		
85	63.8	51.5	77.3





#31

Cyclohexane

Concen: 17.741 ug/l

RT: 8.253 min Scan# 1071

Delta R.T. 0.000 min

Lab File: VN086456.D

Acq: 02 May 2025 12:14

Instrument :

MSVOA_N

ClientSampleId :

VN0502WBSD01

Tgt Ion: 56 Resp: 60698

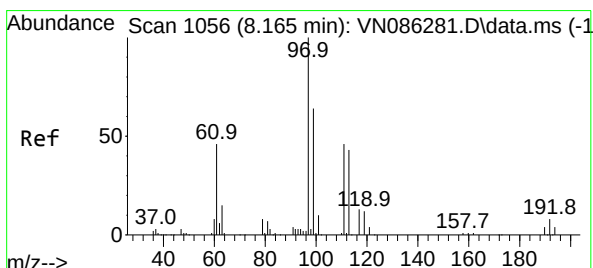
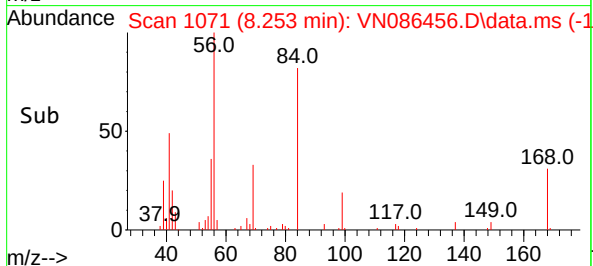
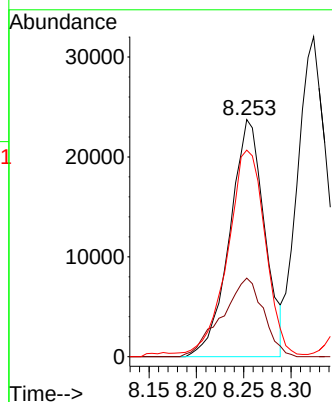
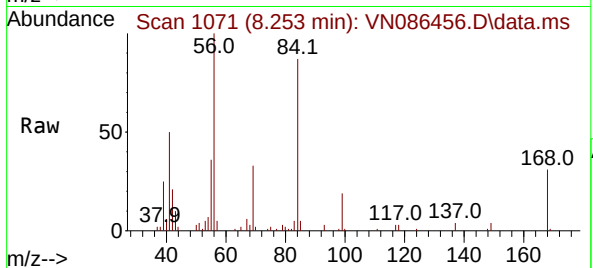
Ion	Ratio	Lower	Upper
56	100		
69	33.2	24.2	36.2
84	85.5	70.3	105.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/05/2025

Supervised By :Semsettin Yesilyurt 05/05/2025



#32

1,1,1-Trichloroethane

Concen: 19.641 ug/l

RT: 8.165 min Scan# 1056

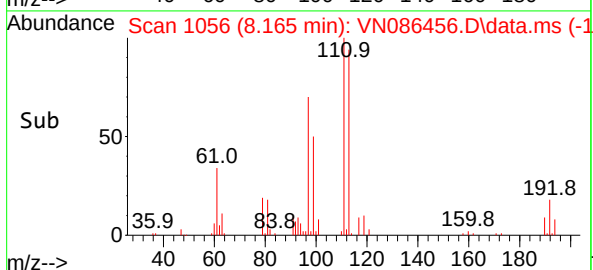
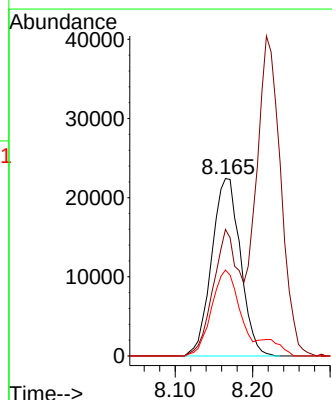
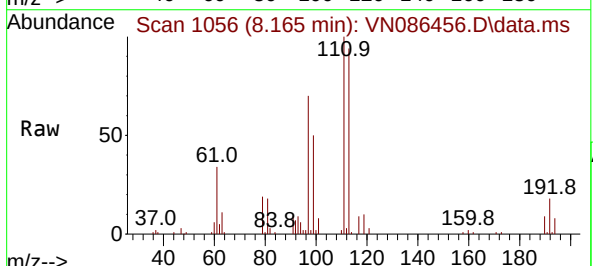
Delta R.T. 0.000 min

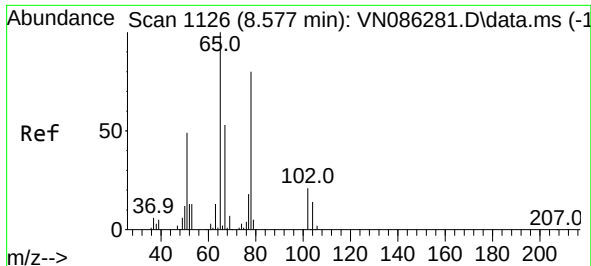
Lab File: VN086456.D

Acq: 02 May 2025 12:14

Tgt Ion: 97 Resp: 57708

Ion	Ratio	Lower	Upper
97	100		
99	63.9	52.7	79.1
61	48.1	39.5	59.3





#33

1,2-Dichloroethane-d4

Concen: 56.367 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN086456.D

Acq: 02 May 2025 12:14

Instrument :

MSVOA_N

ClientSampleId :

VN0502WBSD01

Tgt Ion: 65 Resp: 118998

Ion Ratio Lower Upper

65 100

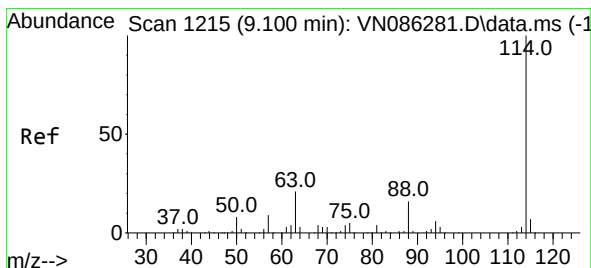
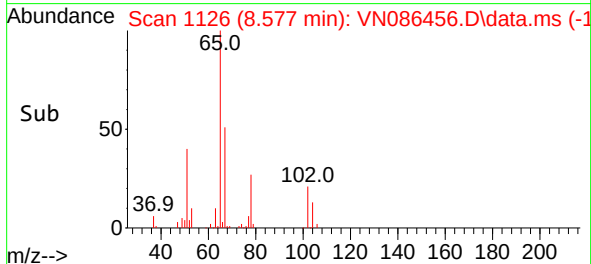
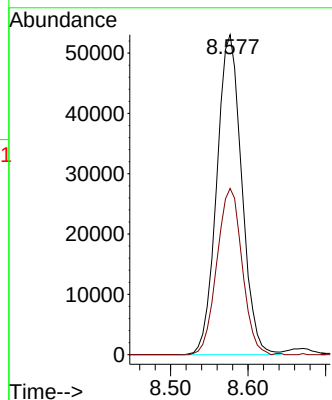
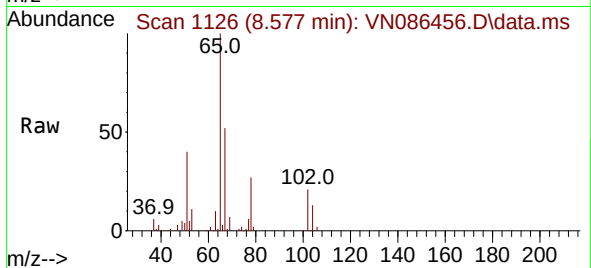
67 52.5 0.0 106.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/05/2025

Supervised By :Semsettin Yesilyurt 05/05/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.000 min

Lab File: VN086456.D

Acq: 02 May 2025 12:14

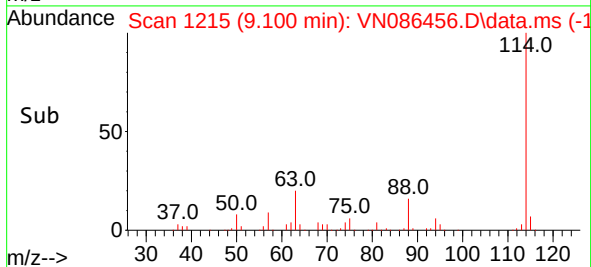
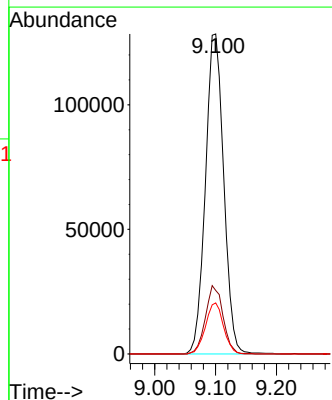
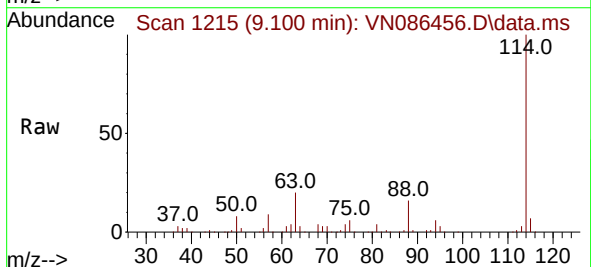
Tgt Ion:114 Resp: 268054

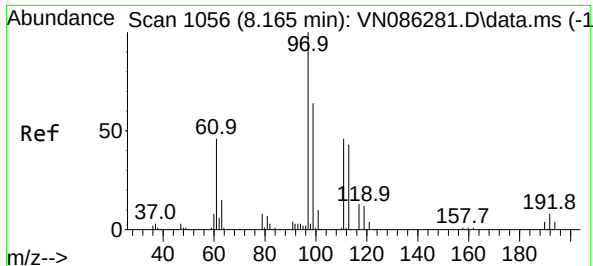
Ion Ratio Lower Upper

114 100

63 19.8 0.0 42.6

88 16.0 0.0 31.8





#35

Dibromofluoromethane

Concen: 60.206 ug/l

RT: 8.159 min Scan# 1055

Delta R.T. -0.006 min

Lab File: VN086456.D

Acq: 02 May 2025 12:14

Instrument :

MSVOA_N

ClientSampleId :

VN0502WBSD01

Tgt Ion: 113 Resp: 7490

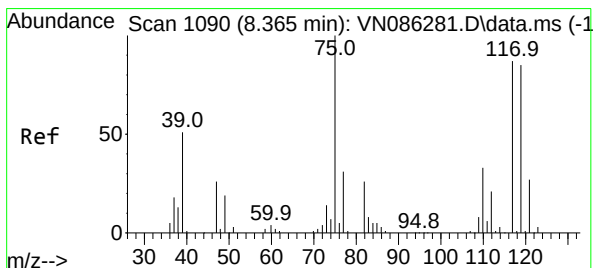
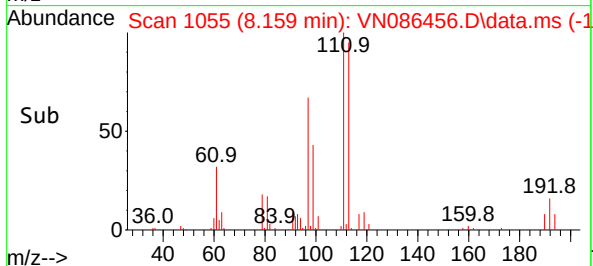
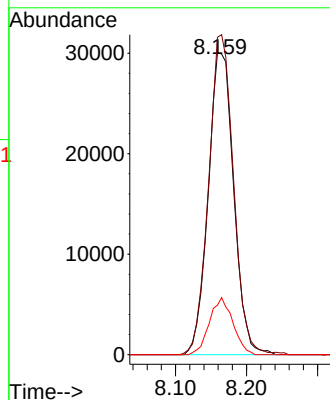
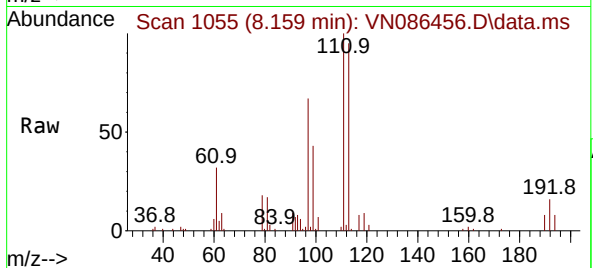
Ion	Ratio	Lower	Upper
113	100		
111	103.6	83.4	125.0
192	17.4	13.7	20.5

Manual Integrations

APPROVED

Reviewed By : John Carlone 05/05/2025

Supervised By : Semsettin Yesilyurt 05/05/2025



#36

1,1-Dichloropropene

Concen: 18.989 ug/l

RT: 8.371 min Scan# 1091

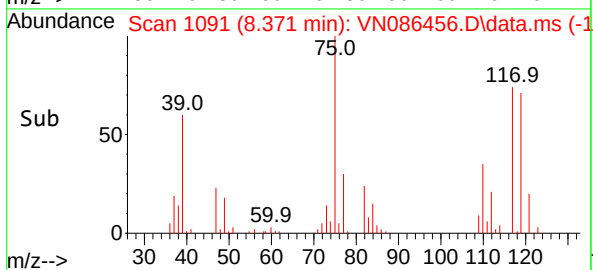
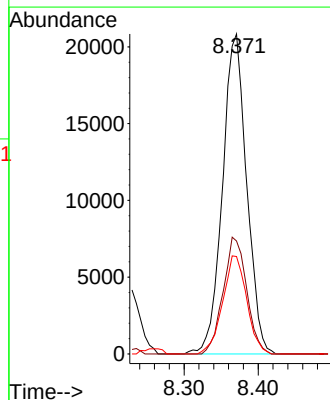
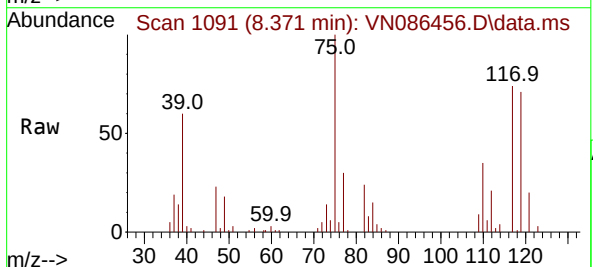
Delta R.T. 0.006 min

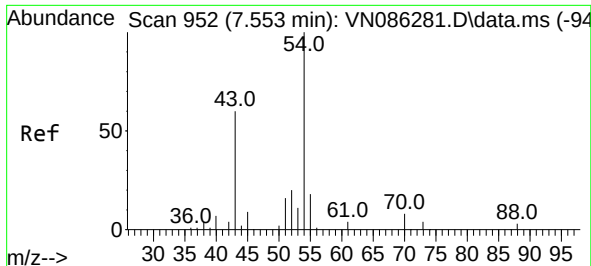
Lab File: VN086456.D

Acq: 02 May 2025 12:14

Tgt Ion: 75 Resp: 47184

Ion	Ratio	Lower	Upper
75	100		
110	35.5	16.8	50.4
77	30.6	24.9	37.3





#37

Ethyl Acetate

Concen: 19.908 ug/l

RT: 7.559 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN086456.D

Acq: 02 May 2025 12:14

Instrument :

MSVOA_N

ClientSampleId :

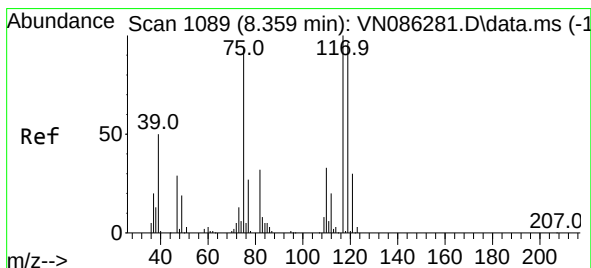
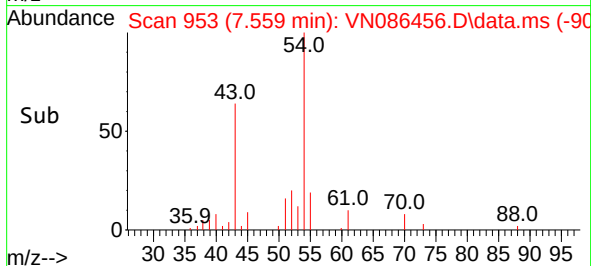
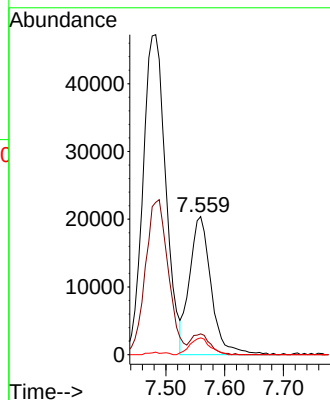
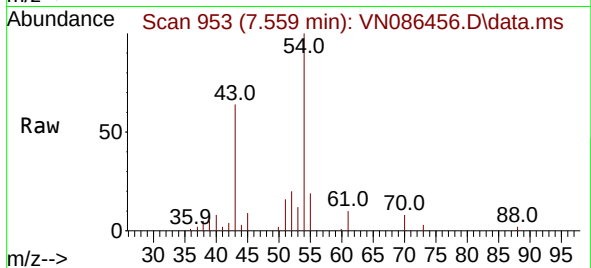
VN0502WBSD01

Tgt Ion: 43 Resp: 5208

Ion	Ratio	Lower	Upper
43	100		
61	13.2	11.1	16.7
70	11.3	9.2	13.8

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/05/2025
Supervised By :Semsettin Yesilyurt 05/05/2025



#38

Carbon Tetrachloride

Concen: 20.326 ug/l

RT: 8.359 min Scan# 1089

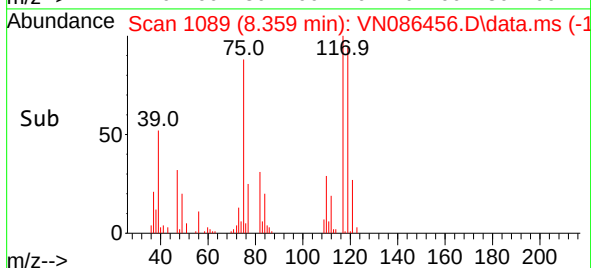
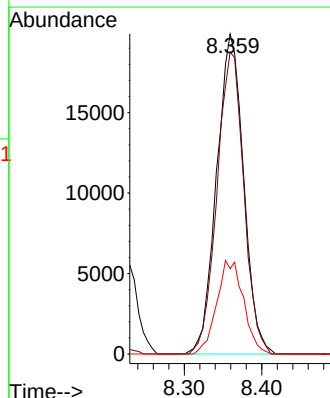
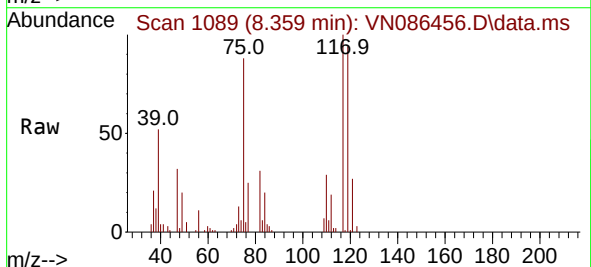
Delta R.T. 0.000 min

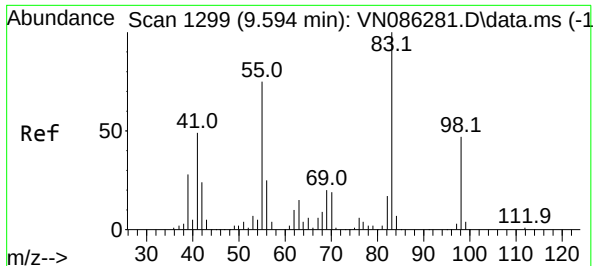
Lab File: VN086456.D

Acq: 02 May 2025 12:14

Tgt Ion:117 Resp: 48099

Ion	Ratio	Lower	Upper
117	100		
119	94.4	76.8	115.2
121	26.7	23.8	35.8





#39

Methylcyclohexane

Concen: 18.094 ug/l

RT: 9.594 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VN086456.D

Acq: 02 May 2025 12:14

Instrument :

MSVOA_N

ClientSampleId :

VN0502WBSD01

Tgt Ion: 83 Resp: 53440

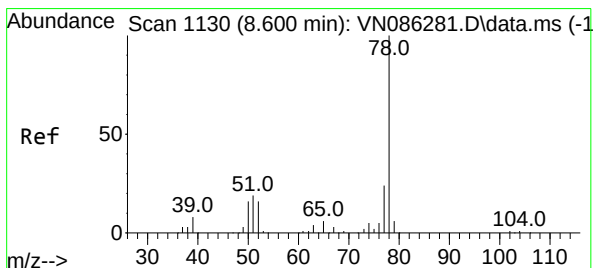
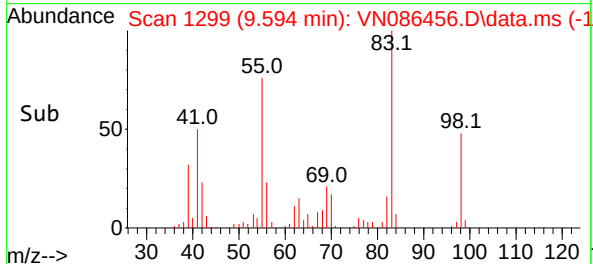
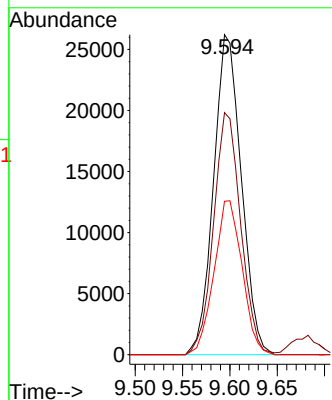
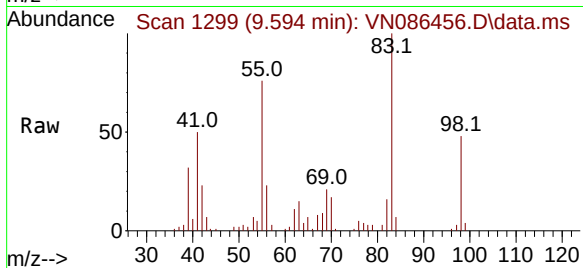
Ion	Ratio	Lower	Upper
83	100		
55	75.7	59.8	89.8
98	48.0	37.9	56.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/05/2025

Supervised By :Semsettin Yesilyurt 05/05/2025



#40

Benzene

Concen: 19.535 ug/l

RT: 8.606 min Scan# 1131

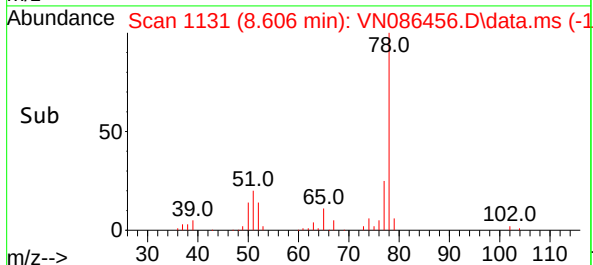
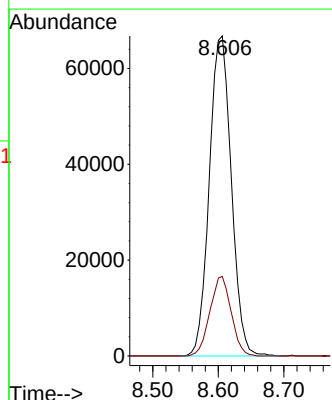
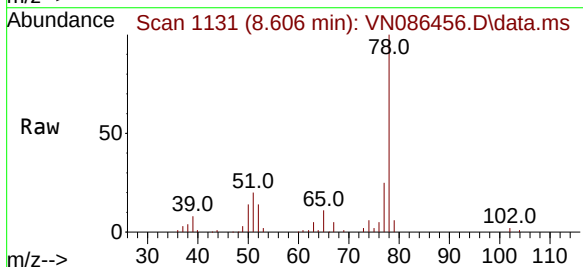
Delta R.T. 0.006 min

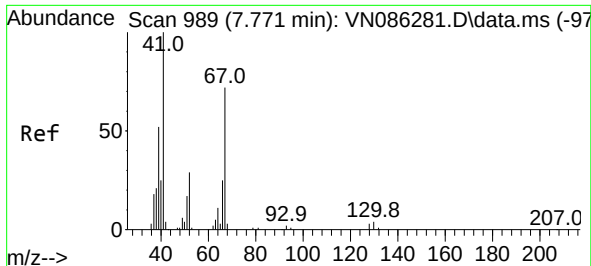
Lab File: VN086456.D

Acq: 02 May 2025 12:14

Tgt Ion: 78 Resp: 155524

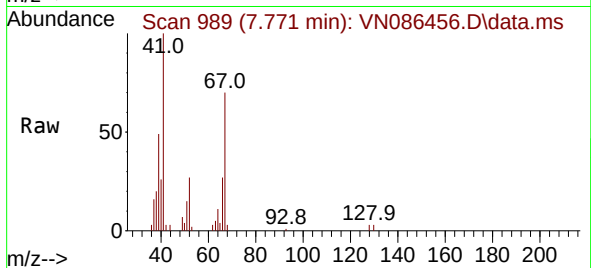
Ion	Ratio	Lower	Upper
78	100		
77	24.9	19.4	29.2





#41
Methacrylonitrile
Concen: 18.008 ug/l
RT: 7.771 min Scan# 911
Delta R.T. 0.000 min
Lab File: VN086456.D
Acq: 02 May 2025 12:14

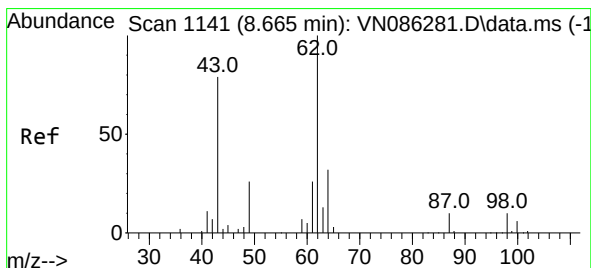
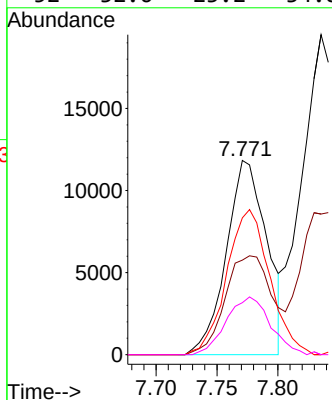
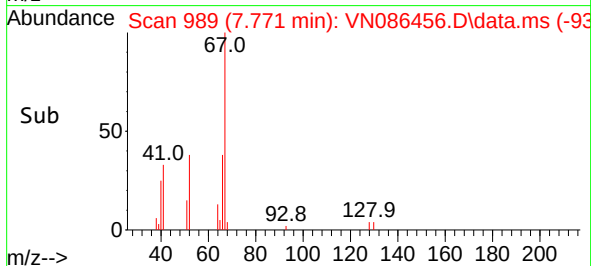
Instrument :
MSVOA_N
ClientSampleId :
VN0502WBSD01



Tgt Ion:	41	Resp:	2730
Ion Ratio	Lower	Upper	
41	100		
39	60.3	43.0	64.4
67	79.5	58.8	88.2
52	32.6	23.2	34.8

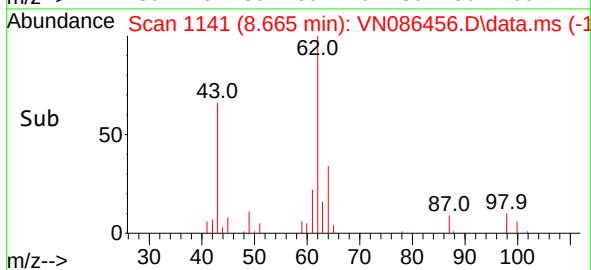
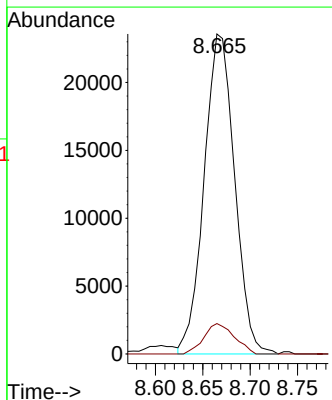
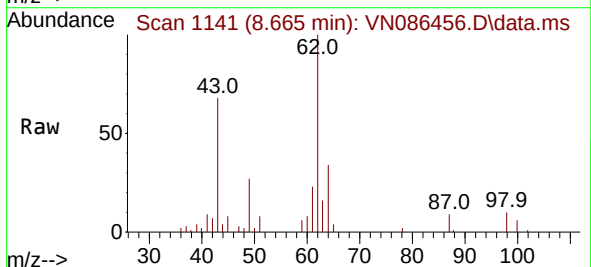
Manual Integrations
APPROVED

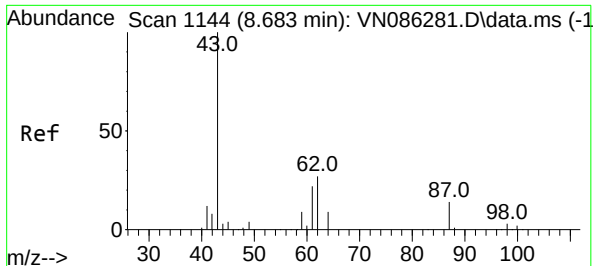
Reviewed By :John Carlone 05/05/2025
Supervised By :Semsettin Yesilyurt 05/05/2025



#42
1,2-Dichloroethane
Concen: 20.816 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. -0.000 min
Lab File: VN086456.D
Acq: 02 May 2025 12:14

Tgt Ion:	62	Resp:	52848
Ion Ratio	Lower	Upper	
62	100		
98	9.5	0.0	19.2





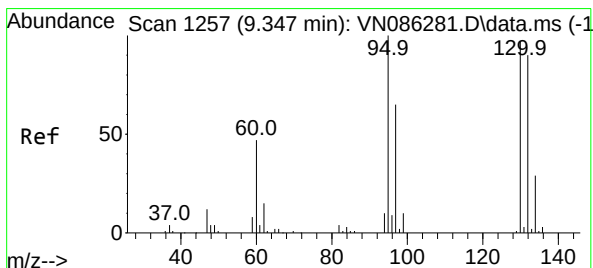
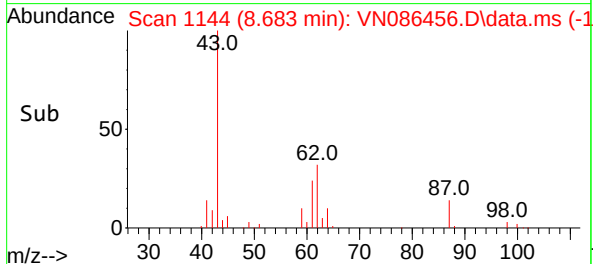
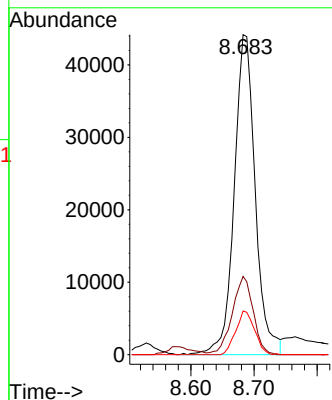
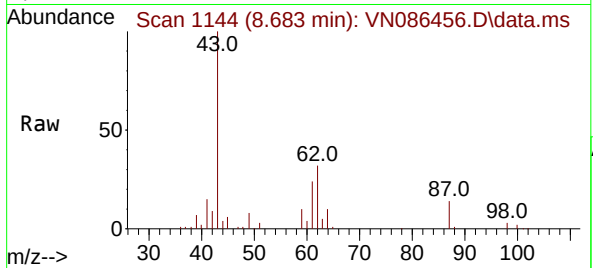
#43
Isopropyl Acetate
Concen: 20.449 ug/l
RT: 8.683 min Scan# 1144
Delta R.T. -0.000 min
Lab File: VN086456.D
Acq: 02 May 2025 12:14

Instrument :
MSVOA_N
ClientSampleId :
VN0502WBSD01

Tgt Ion: 43 Resp: 102439
Ion Ratio Lower Upper
43 100
61 24.4 20.5 30.7
87 12.3 10.5 15.7

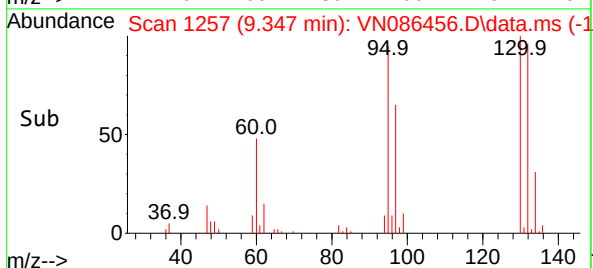
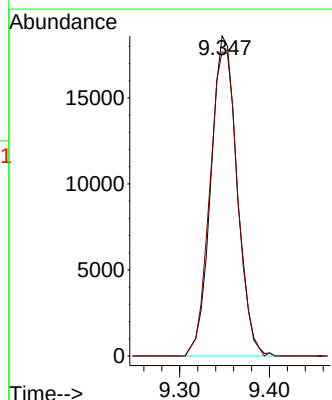
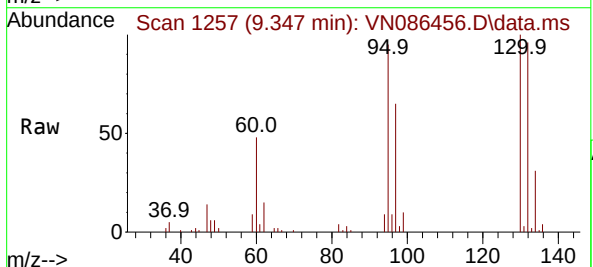
Manual Integrations
APPROVED

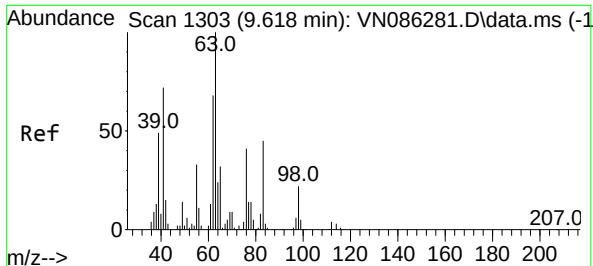
Reviewed By :John Carlone 05/05/2025
Supervised By :Semsettin Yesilyurt 05/05/2025



#44
Trichloroethene
Concen: 19.974 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. 0.000 min
Lab File: VN086456.D
Acq: 02 May 2025 12:14

Tgt Ion:130 Resp: 37690
Ion Ratio Lower Upper
130 100
95 95.1 0.0 207.2





#45

1,2-Dichloropropane

Concen: 19.515 ug/l

RT: 9.618 min Scan# 1303

Delta R.T. 0.000 min

Lab File: VN086456.D

Acq: 02 May 2025 12:14

Instrument :

MSVOA_N

ClientSampleId :

VN0502WBSD01

Tgt Ion: 63 Resp: 3803

Ion Ratio Lower Upper

63 100

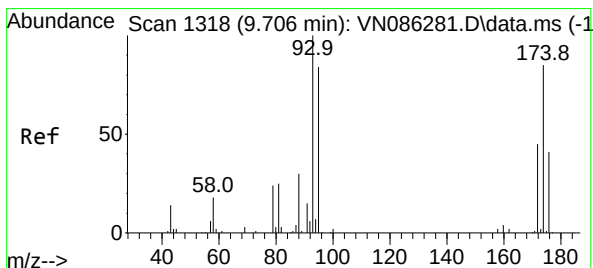
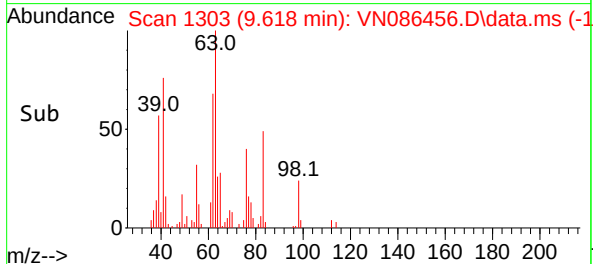
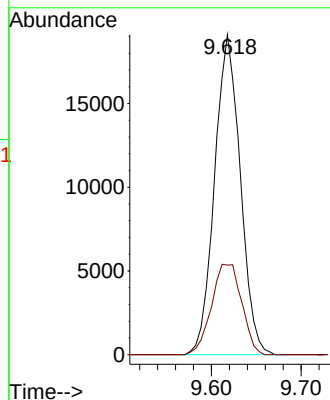
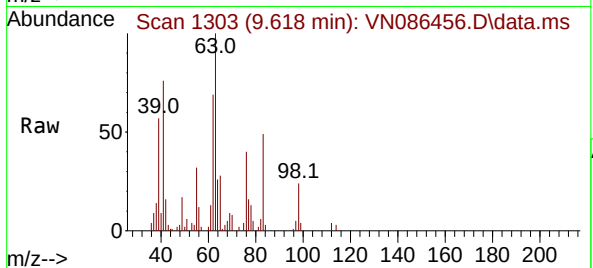
65 28.0 25.4 38.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/05/2025

Supervised By :Semsettin Yesilyurt 05/05/2025



#46

Dibromomethane

Concen: 21.840 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. 0.000 min

Lab File: VN086456.D

Acq: 02 May 2025 12:14

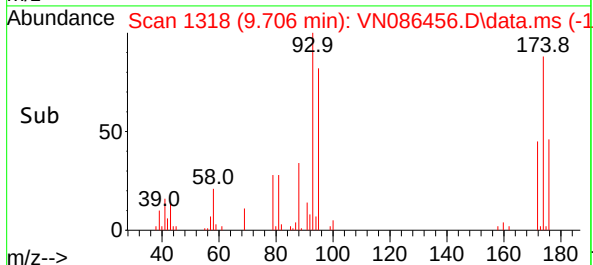
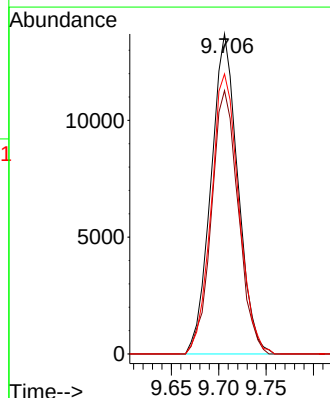
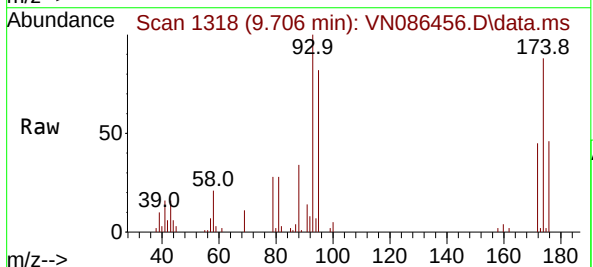
Tgt Ion: 93 Resp: 27118

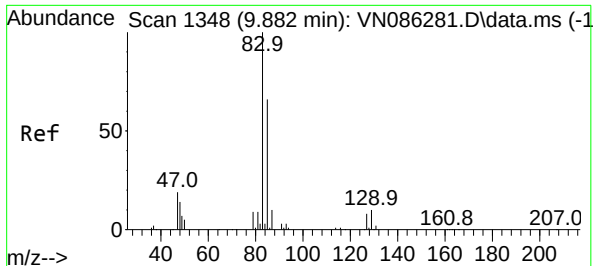
Ion Ratio Lower Upper

93 100

95 81.9 66.2 99.4

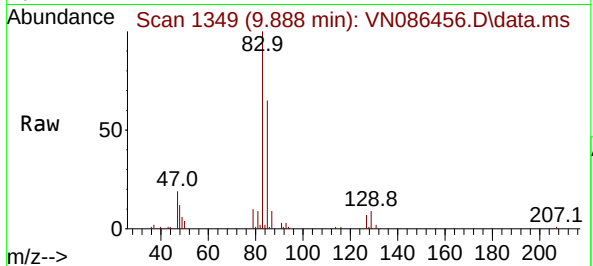
174 89.3 67.8 101.6





#47
Bromodichloromethane
Concen: 20.717 ug/l
RT: 9.888 min Scan# 1348
Delta R.T. 0.006 min
Lab File: VN086456.D
Acq: 02 May 2025 12:14

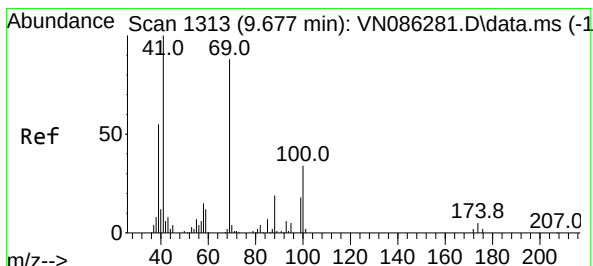
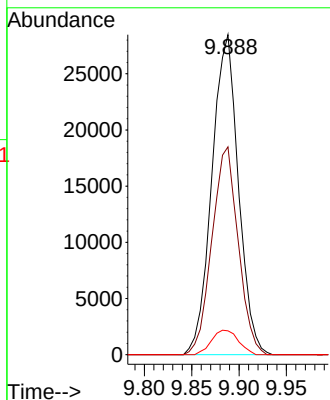
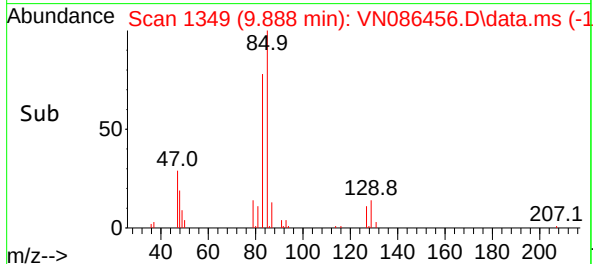
Instrument :
MSVOA_N
ClientSampleId :
VN0502WBSD01



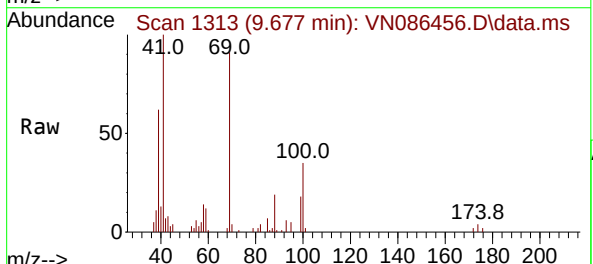
Tgt Ion: 83 Resp: 5558
Ion Ratio Lower Upper
83 100
85 65.0 52.6 78.8
127 7.4 6.1 9.1

Manual Integrations
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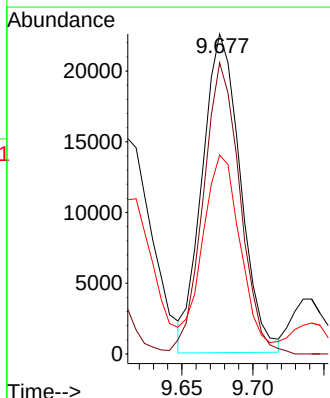
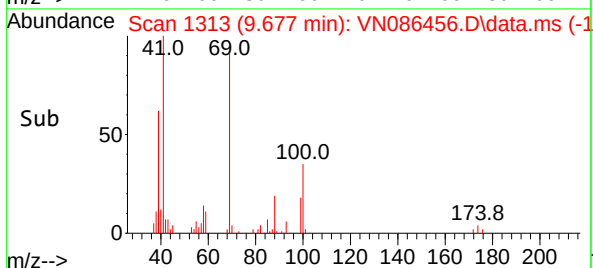
Reviewed By :John Carlone 05/05/2025
Supervised By :Semsettin Yesilyurt 05/05/2025

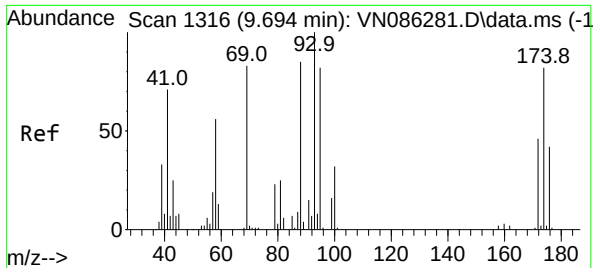


#48
Methyl methacrylate
Concen: 18.361 ug/l
RT: 9.677 min Scan# 1313
Delta R.T. 0.000 min
Lab File: VN086456.D
Acq: 02 May 2025 12:14



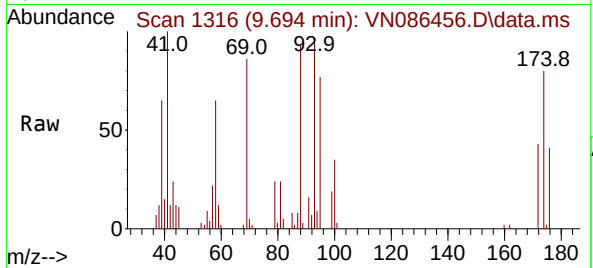
Tgt Ion: 41 Resp: 42182
Ion Ratio Lower Upper
41 100
69 87.8 68.2 102.2
39 62.5 45.2 67.8





#49
1,4-Dioxane
Concen: 446.300 ug/l
RT: 9.694 min Scan# 1316
Delta R.T. 0.000 min
Lab File: VN086456.D
Acq: 02 May 2025 12:14

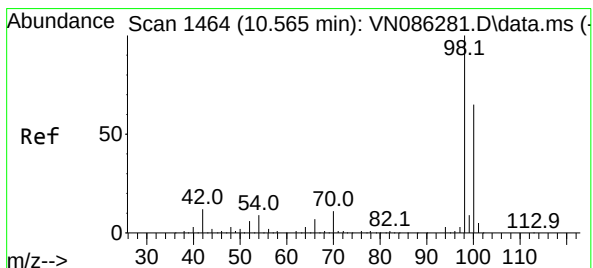
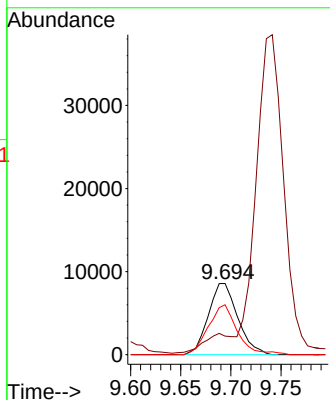
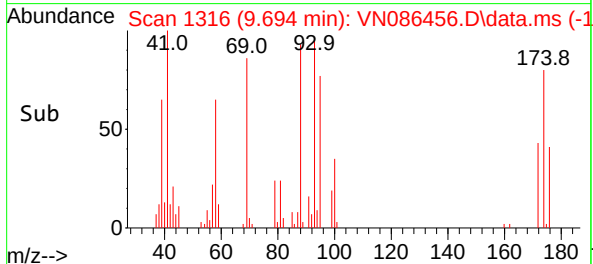
Instrument :
MSVOA_N
ClientSampleId :
VN0502WBSD01



Tgt Ion: 88 Resp: 17440
Ion Ratio Lower Upper
88 100
43 24.9 23.8 35.8
58 69.2 57.4 86.2

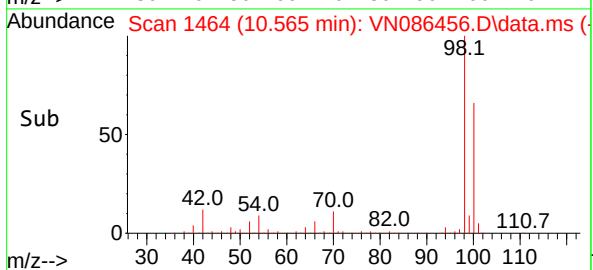
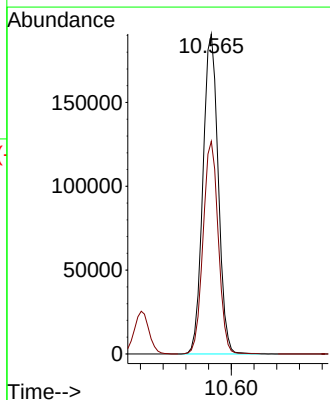
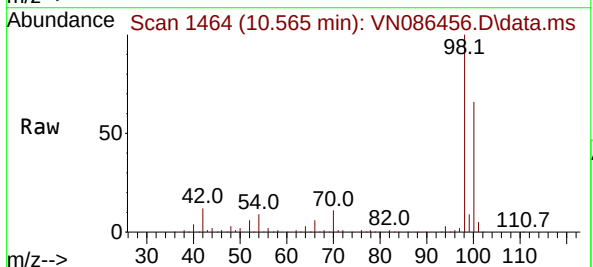
Manual Integrations
APPROVED

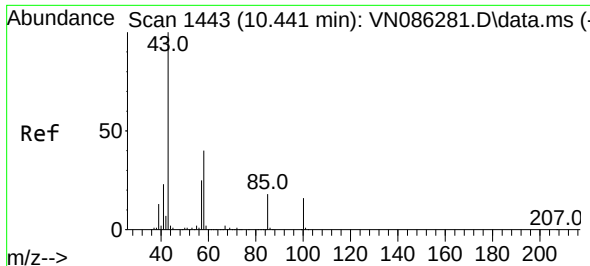
Reviewed By :John Carlone 05/05/2025
Supervised By :Semsettin Yesilyurt 05/05/2025



#50
Toluene-d8
Concen: 53.425 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN086456.D
Acq: 02 May 2025 12:14

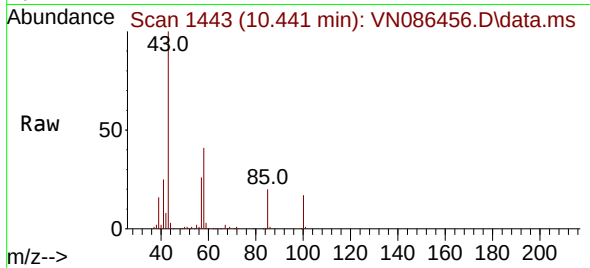
Tgt Ion: 98 Resp: 355221
Ion Ratio Lower Upper
98 100
100 66.0 52.5 78.7





#51
4-Methyl-2-Pentanone
Concen: 100.843 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN086456.D
Acq: 02 May 2025 12:14

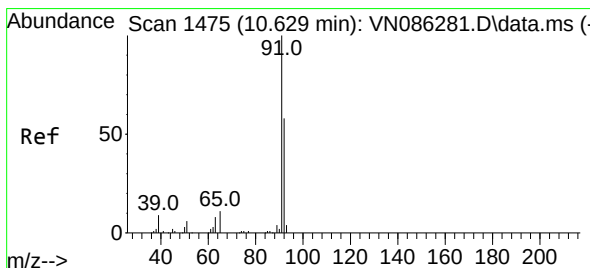
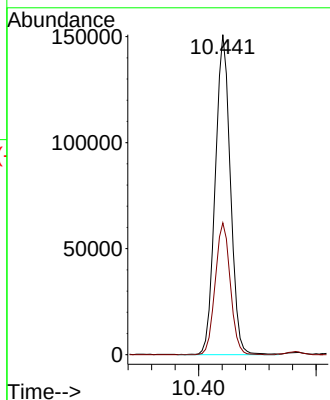
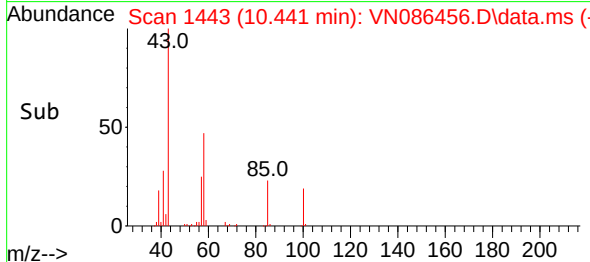
Instrument :
MSVOA_N
ClientSampleId :
VN0502WBSD01



Tgt Ion: 43 Resp: 27014
Ion Ratio Lower Upper
43 100
58 40.9 32.2 48.4

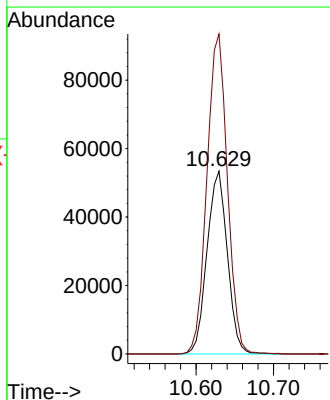
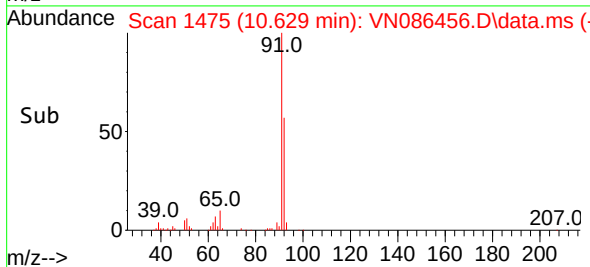
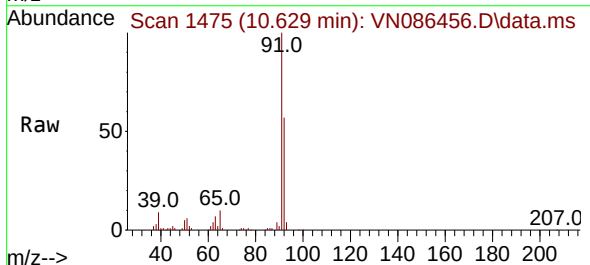
Manual Integrations
APPROVED

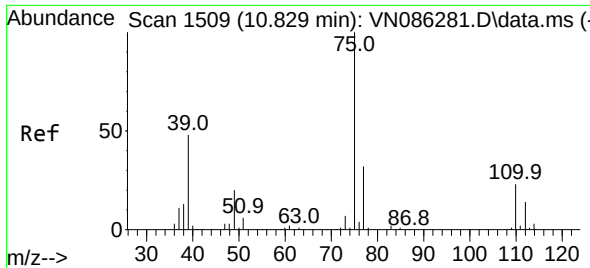
Reviewed By :John Carlone 05/05/2025
Supervised By :Semsettin Yesilyurt 05/05/2025



#52
Toluene
Concen: 19.604 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN086456.D
Acq: 02 May 2025 12:14

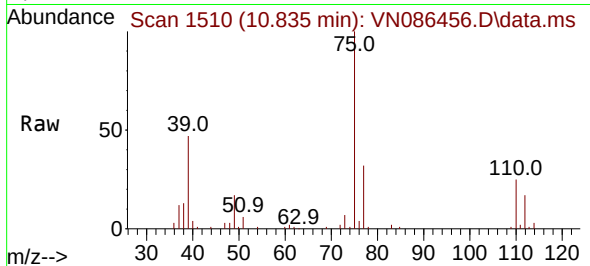
Tgt Ion: 92 Resp: 97386
Ion Ratio Lower Upper
92 100
91 176.1 137.3 205.9





#53
t-1,3-Dichloropropene
Concen: 20.298 ug/l
RT: 10.835 min Scan# 110
Delta R.T. 0.006 min
Lab File: VN086456.D
Acq: 02 May 2025 12:14

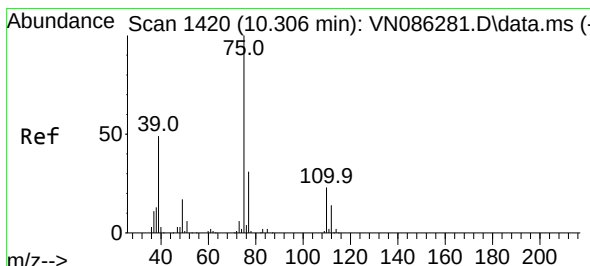
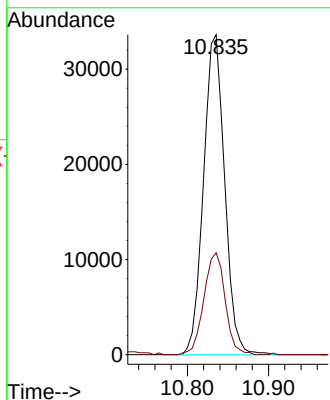
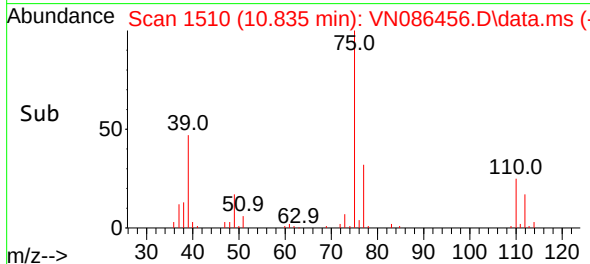
Instrument :
MSVOA_N
ClientSampleId :
VN0502WBSD01



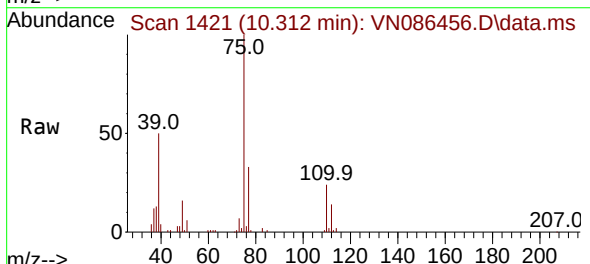
Tgt Ion: 75 Resp: 6076
Ion Ratio Lower Upper
75 100
77 31.9 25.4 38.0

Manual Integrations
APPROVED

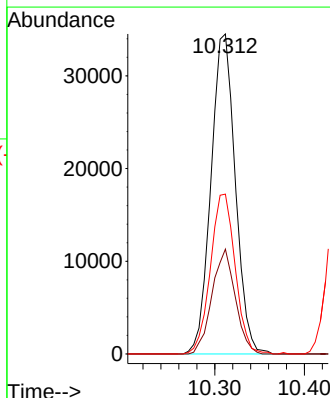
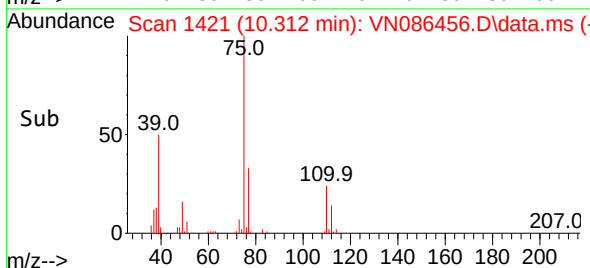
Reviewed By :John Carlone 05/05/2025
Supervised By :Semsettin Yesilyurt 05/05/2025

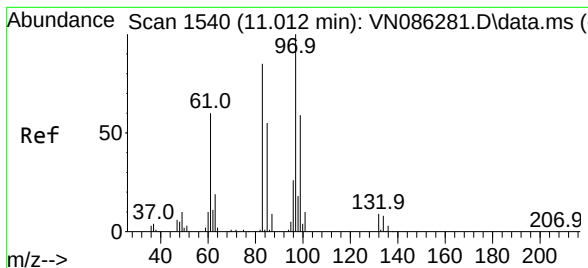


#54
cis-1,3-Dichloropropene
Concen: 19.769 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. 0.006 min
Lab File: VN086456.D
Acq: 02 May 2025 12:14



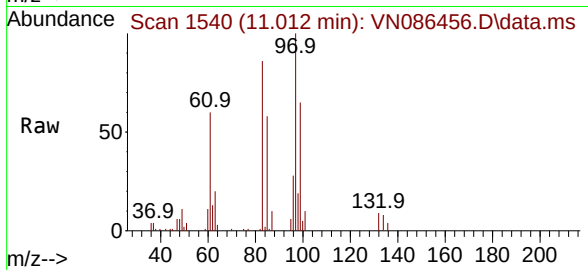
Tgt Ion: 75 Resp: 65001
Ion Ratio Lower Upper
75 100
77 32.7 25.2 37.8
39 50.0 39.3 58.9





#55
1,1,2-Trichloroethane
Concen: 21.315 ug/l
RT: 11.012 min Scan# 1540
Delta R.T. 0.000 min
Lab File: VN086456.D
Acq: 02 May 2025 12:14

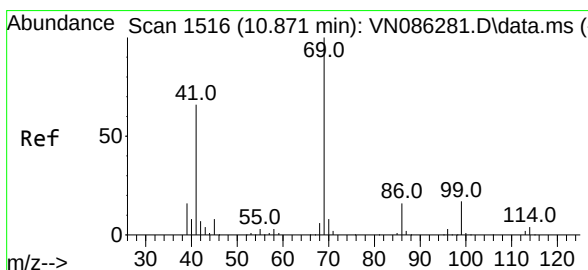
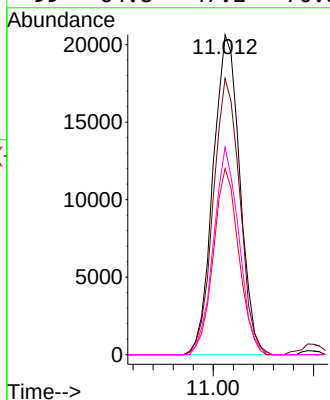
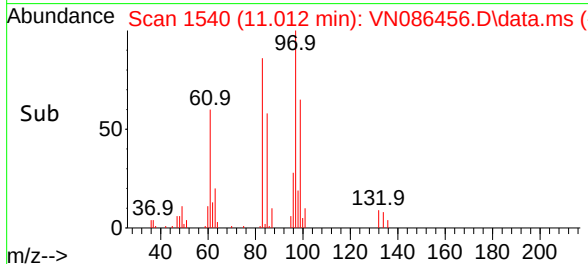
Instrument :
MSVOA_N
ClientSampleId :
VN0502WBSD01



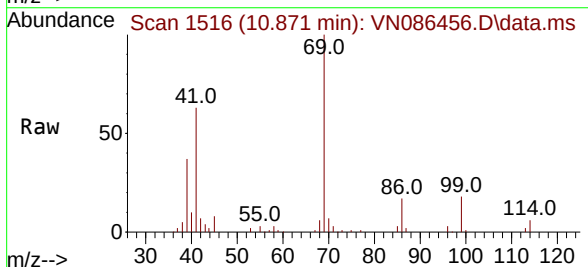
Tgt Ion:	97	Resp:	3809
Ion	Ratio	Lower	Upper
97	100		
83	86.4	68.4	102.6
85	58.1	43.9	65.9
99	64.8	47.2	70.8

Manual Integrations
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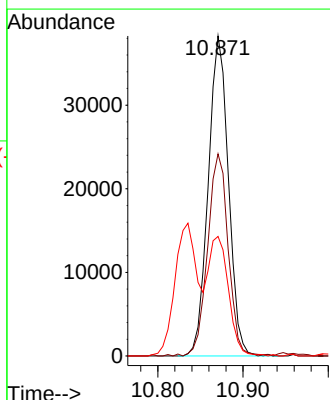
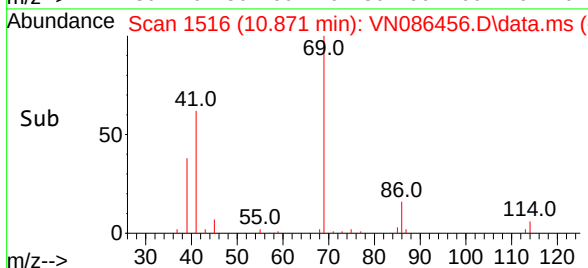
Reviewed By :John Carlone 05/05/2025
Supervised By :Semsettin Yesilyurt 05/05/2025

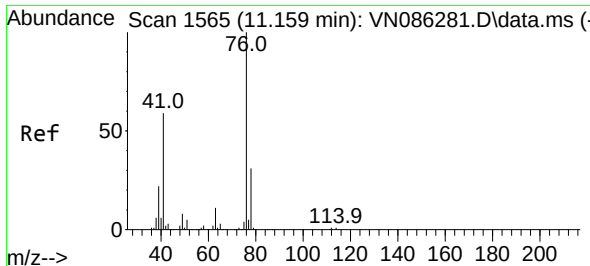


#56
Ethyl methacrylate
Concen: 19.190 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VN086456.D
Acq: 02 May 2025 12:14



Tgt Ion:	69	Resp:	63046
Ion	Ratio	Lower	Upper
69	100		
41	64.1	51.7	77.5
39	37.2	26.3	39.5





#57

1,3-Dichloropropane

Concen: 20.274 ug/l

RT: 11.159 min Scan# 1565

Delta R.T. 0.000 min

Lab File: VN086456.D

Acq: 02 May 2025 12:14

Instrument :

MSVOA_N

ClientSampleId :

VN0502WBSD01

Tgt Ion: 76 Resp: 6429

Ion Ratio Lower Upper

76 100

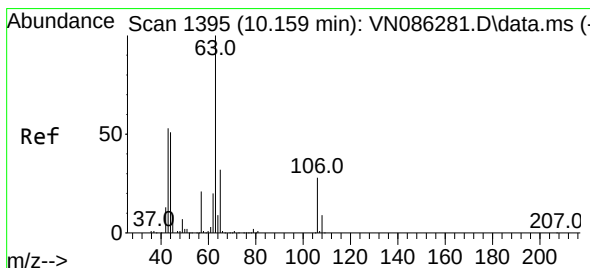
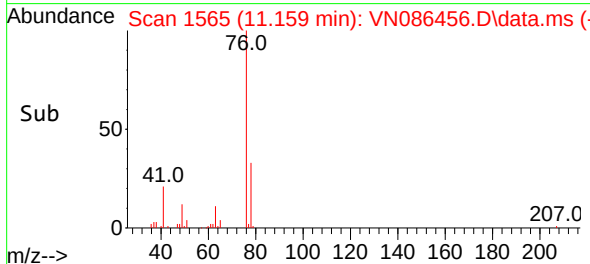
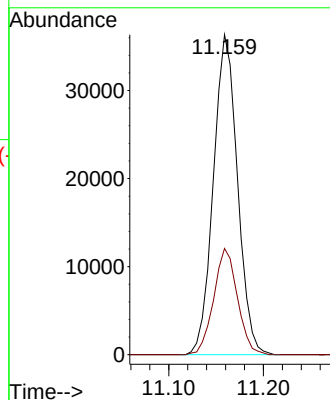
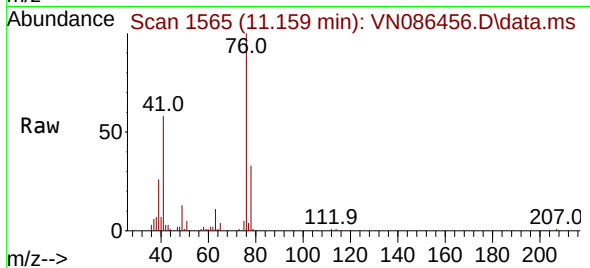
78 32.6 25.6 38.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/05/2025

Supervised By :Semsettin Yesilyurt 05/05/2025



#58

2-Chloroethyl Vinyl ether

Concen: 85.912 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. 0.000 min

Lab File: VN086456.D

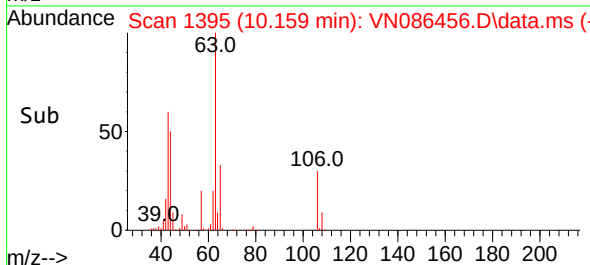
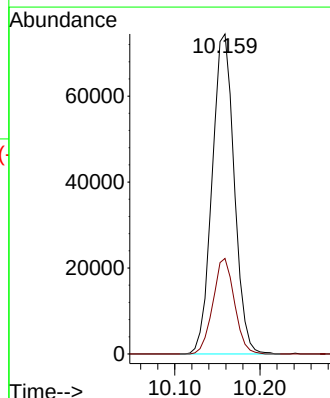
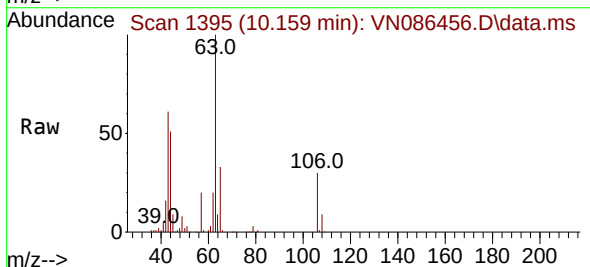
Acq: 02 May 2025 12:14

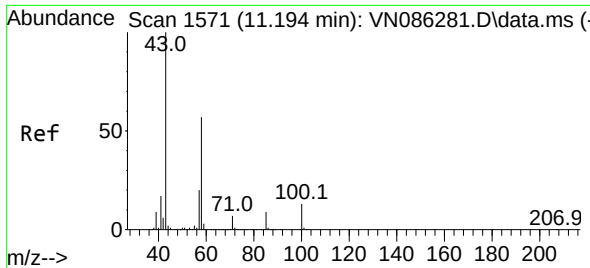
Tgt Ion: 63 Resp: 133965

Ion Ratio Lower Upper

63 100

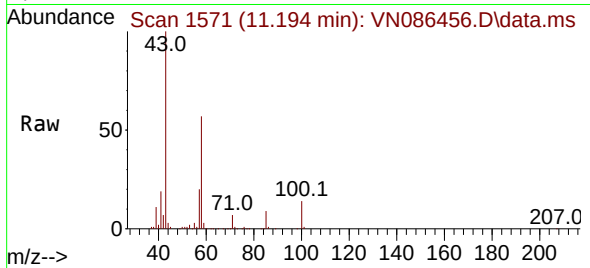
106 29.1 22.2 33.2





#59
2-Hexanone
Concen: 101.273 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VN086456.D
Acq: 02 May 2025 12:14

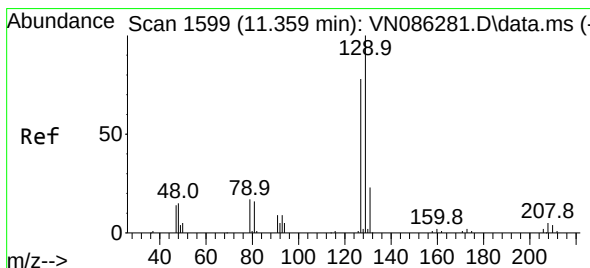
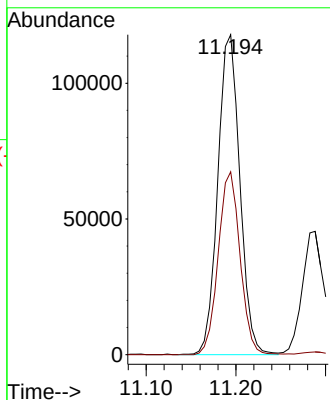
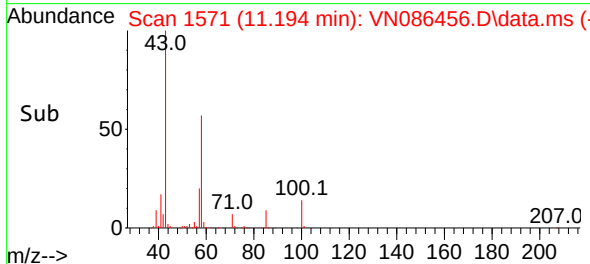
Instrument :
MSVOA_N
ClientSampleId :
VN0502WBSD01



Tgt Ion: 43 Resp: 201227
Ion Ratio Lower Upper
43 100
58 56.5 28.3 85.0

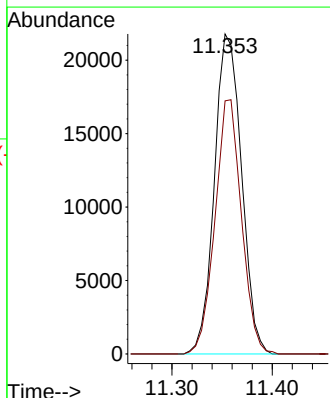
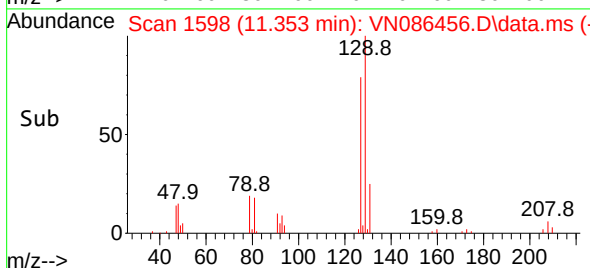
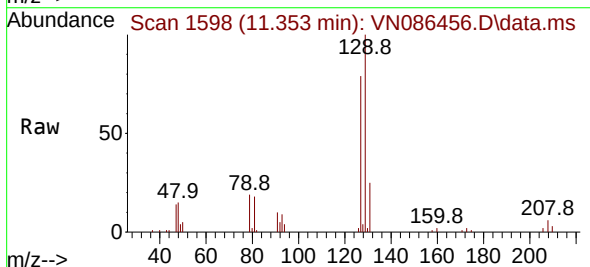
Manual Integrations
APPROVED

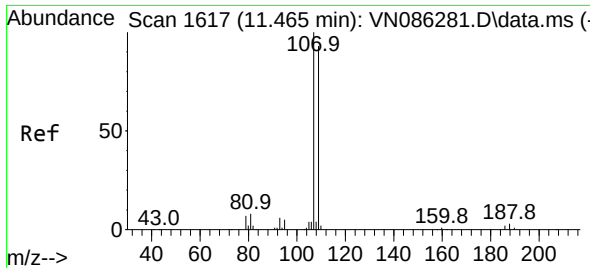
Reviewed By :John Carlone 05/05/2025
Supervised By :Semsettin Yesilyurt 05/05/2025



#60
Dibromochloromethane
Concen: 20.873 ug/l
RT: 11.353 min Scan# 1598
Delta R.T. -0.006 min
Lab File: VN086456.D
Acq: 02 May 2025 12:14

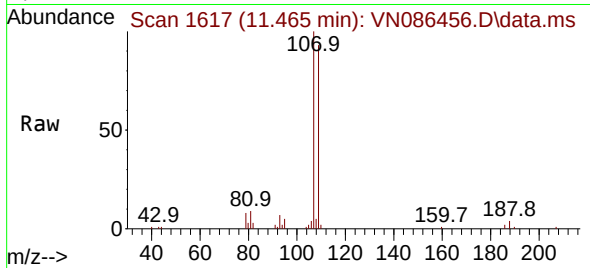
Tgt Ion:129 Resp: 40966
Ion Ratio Lower Upper
129 100
127 77.4 38.7 116.1





#61
1,2-Dibromoethane
Concen: 21.208 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. 0.000 min
Lab File: VN086456.D
Acq: 02 May 2025 12:14

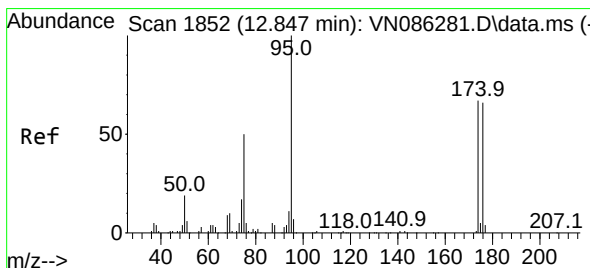
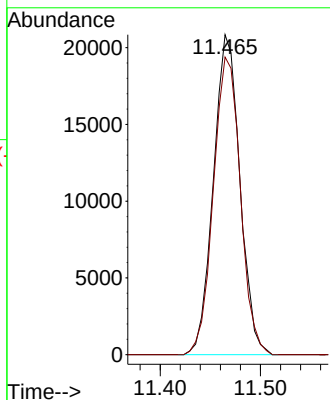
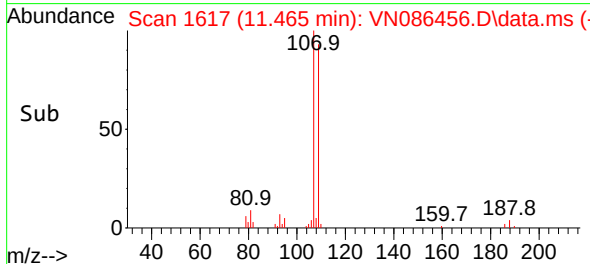
Instrument :
MSVOA_N
ClientSampleId :
VN0502WBSD01



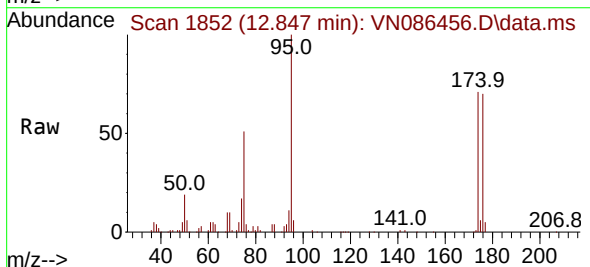
Tgt Ion:107 Resp: 3824
Ion Ratio Lower Upper
107 100
109 94.8 75.4 113.0

Manual Integrations
APPROVED

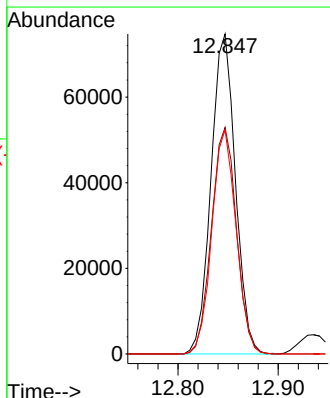
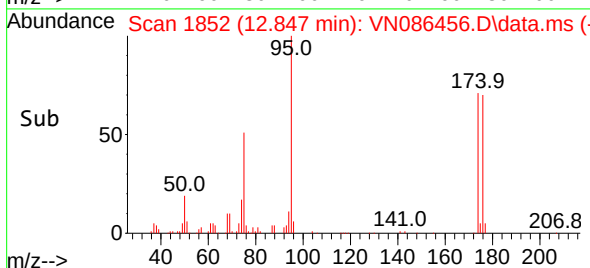
Reviewed By :John Carlone 05/05/2025
Supervised By :Semsettin Yesilyurt 05/05/2025

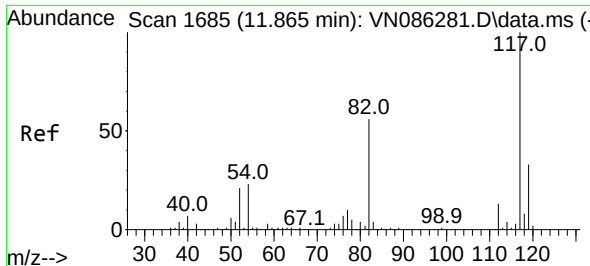


#62
4-Bromofluorobenzene
Concen: 51.990 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN086456.D
Acq: 02 May 2025 12:14



Tgt Ion: 95 Resp: 126083
Ion Ratio Lower Upper
95 100
174 72.4 0.0 133.4
176 69.9 0.0 129.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.859 min Scan# 1

Delta R.T. -0.006 min

Lab File: VN086456.D

Acq: 02 May 2025 12:14

Instrument :

MSVOA_N

ClientSampleId :

VN0502WBSD01

Tgt Ion:117 Resp: 24217

Ion Ratio Lower Upper

117 100

82 54.1 44.7 67.1

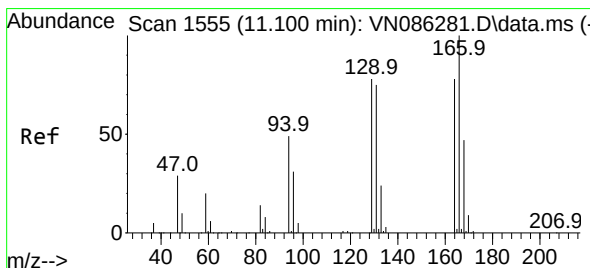
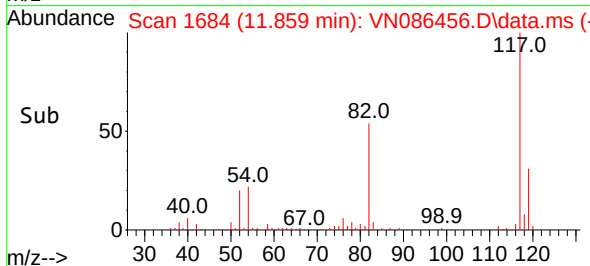
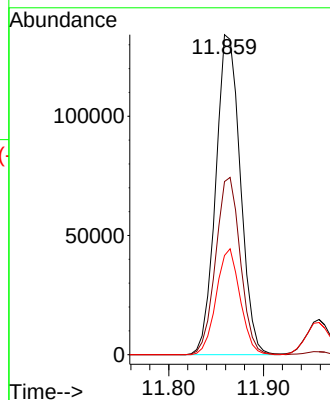
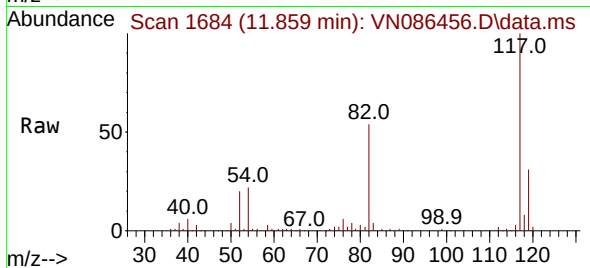
119 31.0 26.4 39.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/05/2025

Supervised By :Semsettin Yesilyurt 05/05/2025



#64

Tetrachloroethene

Concen: 20.186 ug/l

RT: 11.100 min Scan# 1555

Delta R.T. 0.000 min

Lab File: VN086456.D

Acq: 02 May 2025 12:14

Tgt Ion:164 Resp: 37604

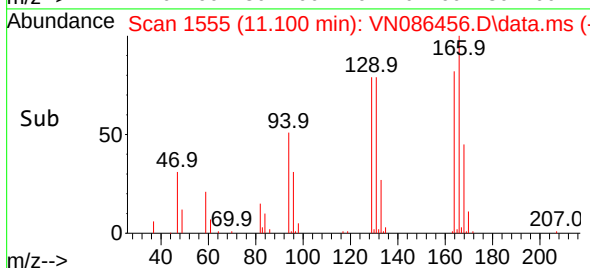
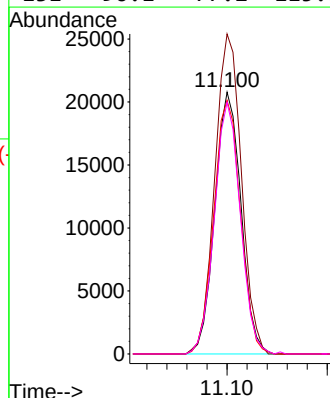
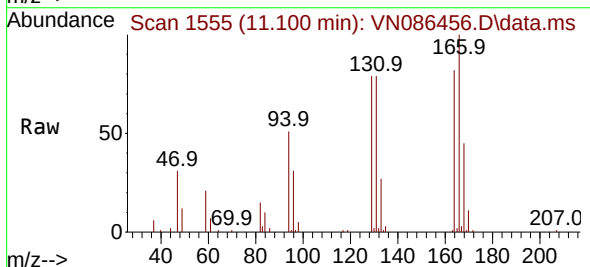
Ion Ratio Lower Upper

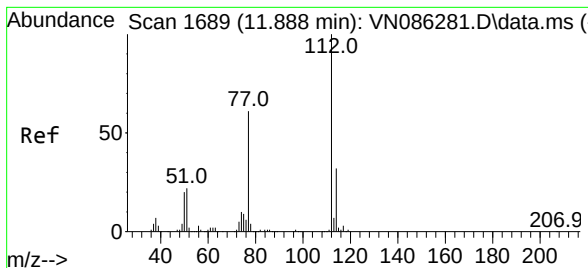
164 100

166 122.3 103.0 154.4

129 96.9 80.1 120.1

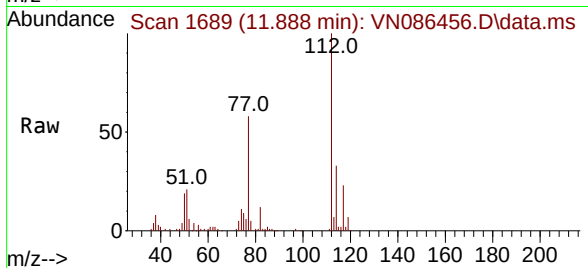
131 96.1 77.2 115.8





#65
Chlorobenzene
Concen: 19.804 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. 0.000 min
Lab File: VN086456.D
Acq: 02 May 2025 12:14

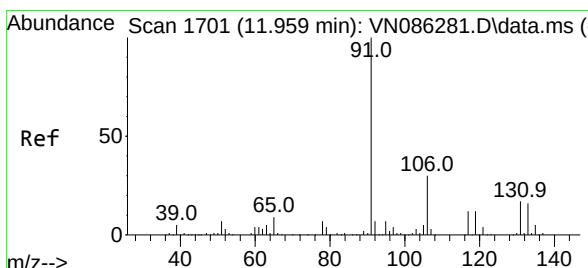
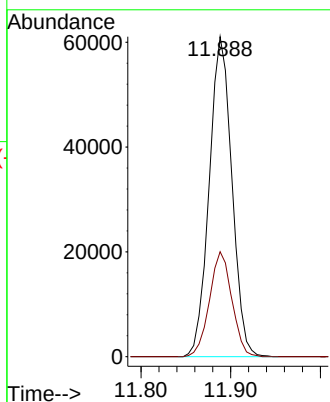
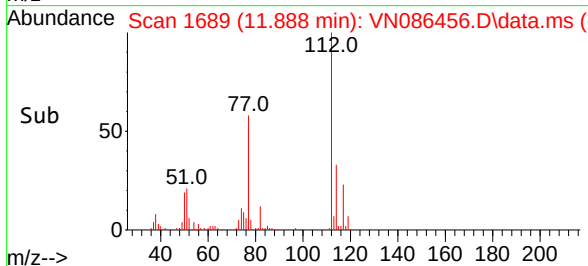
Instrument :
MSVOA_N
ClientSampleId :
VN0502WBSD01



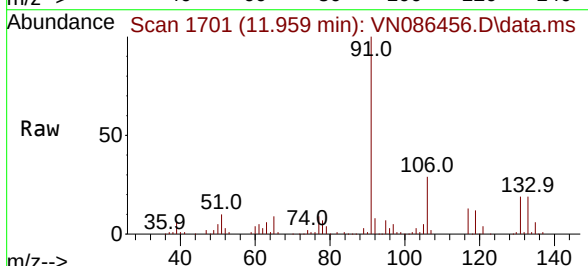
Tgt Ion:112 Resp: 10703
Ion Ratio Lower Upper
112 100
114 32.8 25.4 38.0

Manual Integrations
APPROVED

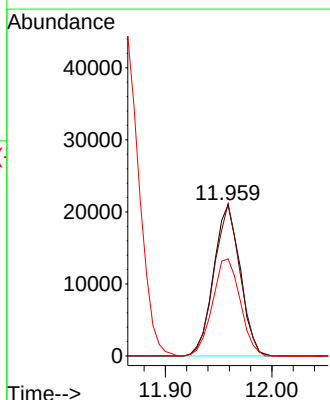
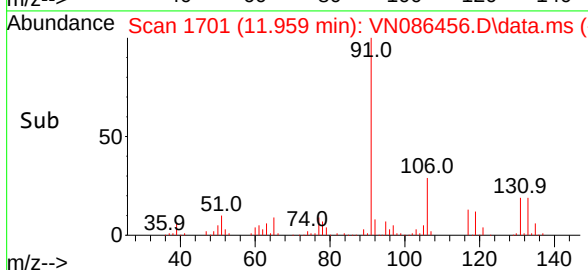
Reviewed By :John Carlone 05/05/2025
Supervised By :Semsettin Yesilyurt 05/05/2025

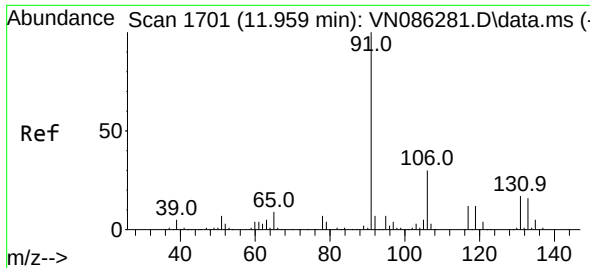


#66
1,1,1,2-Tetrachloroethane
Concen: 20.413 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN086456.D
Acq: 02 May 2025 12:14



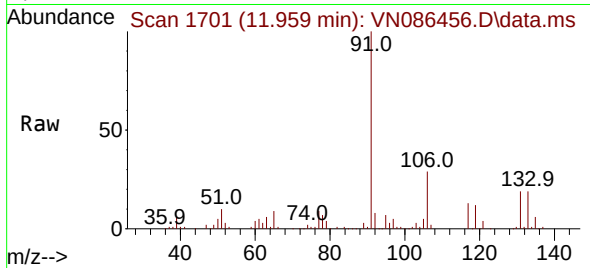
Tgt Ion:131 Resp: 36396
Ion Ratio Lower Upper
131 100
133 97.6 47.1 141.3
119 66.8 33.8 101.4





#67
Ethyl Benzene
Concen: 19.113 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN086456.D
Acq: 02 May 2025 12:14

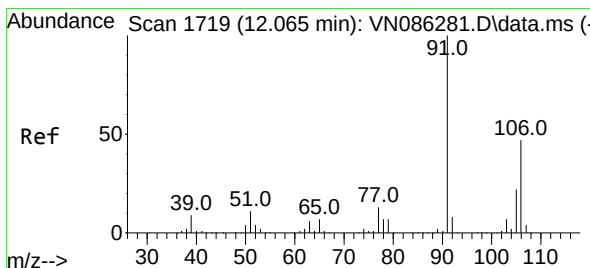
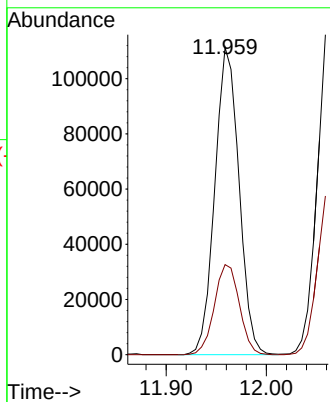
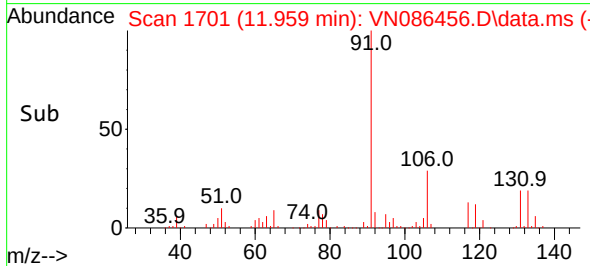
Instrument :
MSVOA_N
ClientSampleId :
VN0502WBSD01



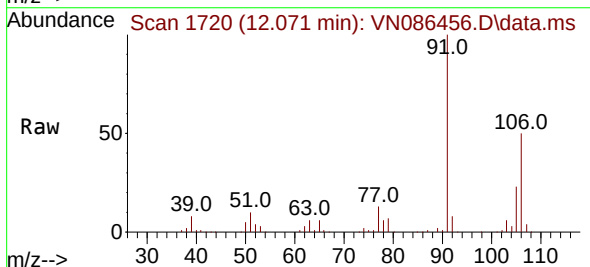
Tgt Ion: 91 Resp: 186400
Ion Ratio Lower Upper
91 100
106 29.3 24.3 36.5

Manual Integrations
APPROVED

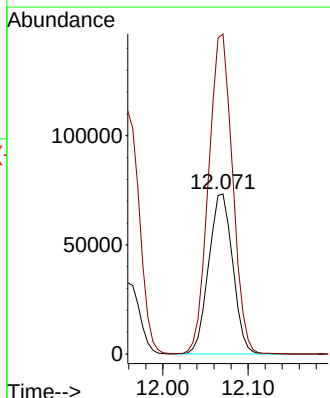
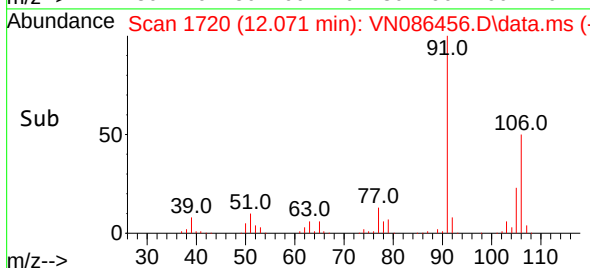
Reviewed By :John Carlone 05/05/2025
Supervised By :Semsettin Yesilyurt 05/05/2025

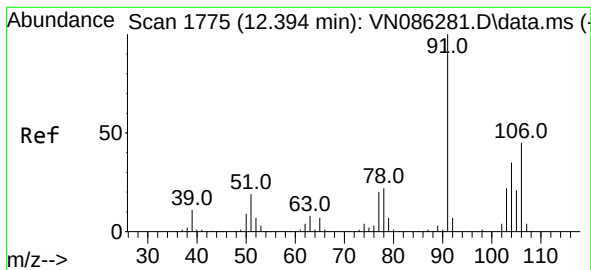


#68
m/p-Xylenes
Concen: 39.341 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.006 min
Lab File: VN086456.D
Acq: 02 May 2025 12:14



Tgt Ion:106 Resp: 143762
Ion Ratio Lower Upper
106 100
91 200.0 166.5 249.7





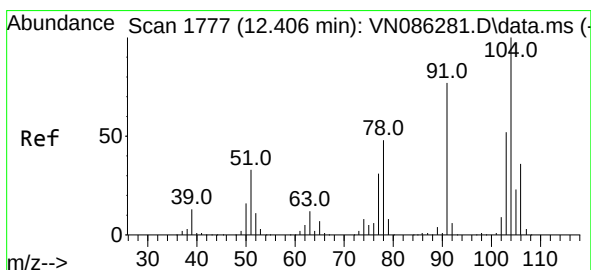
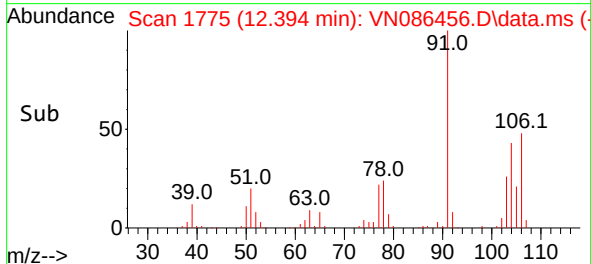
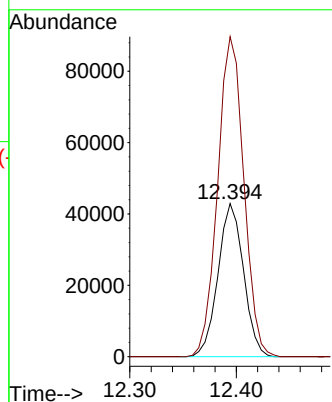
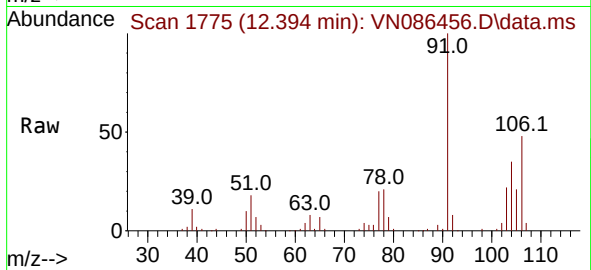
#69
o-Xylene
Concen: 19.745 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN086456.D
Acq: 02 May 2025 12:14

Instrument :
MSVOA_N
ClientSampleId :
VN0502WBSD01

Tgt Ion:106 Resp: 7135
Ion Ratio Lower Upper
106 100
91 214.2 109.7 329.0

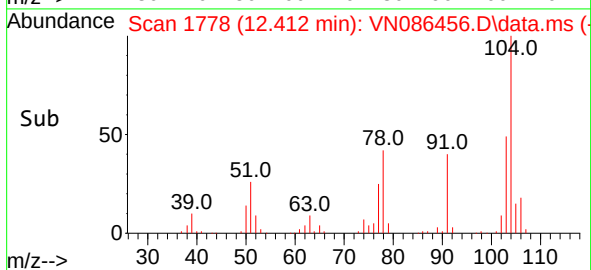
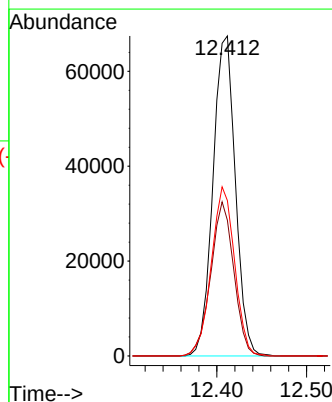
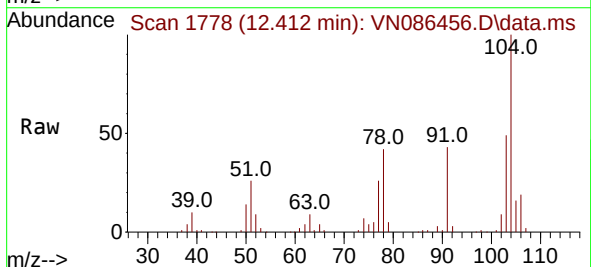
Manual Integrations
APPROVED

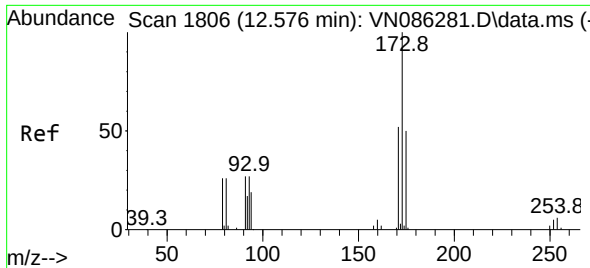
Reviewed By :John Carlone 05/05/2025
Supervised By :Semsettin Yesilyurt 05/05/2025



#70
Styrene
Concen: 19.437 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.006 min
Lab File: VN086456.D
Acq: 02 May 2025 12:14

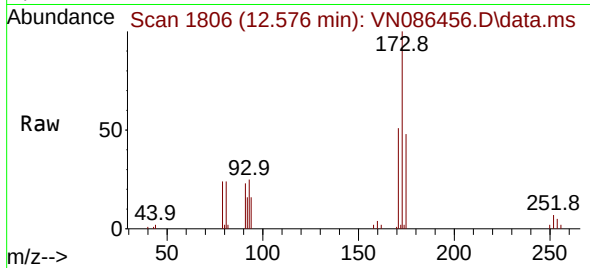
Tgt Ion:104 Resp: 117039
Ion Ratio Lower Upper
104 100
78 49.5 40.6 61.0
103 55.0 43.6 65.4





#71
Bromoform
Concen: 20.513 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VN086456.D
Acq: 02 May 2025 12:14

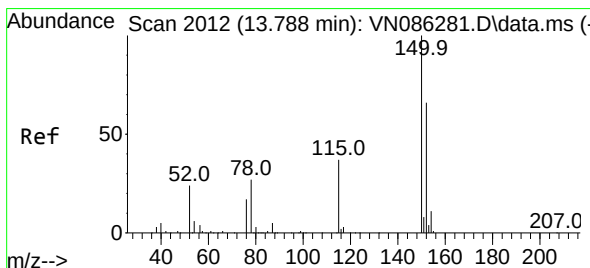
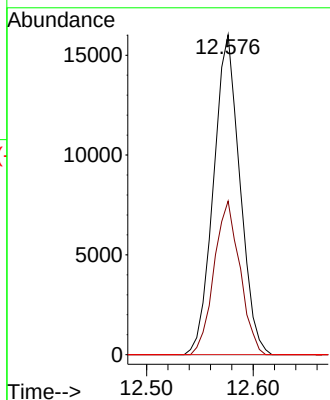
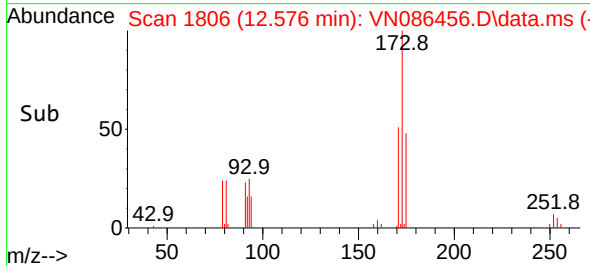
Instrument :
MSVOA_N
ClientSampleId :
VN0502WBSD01



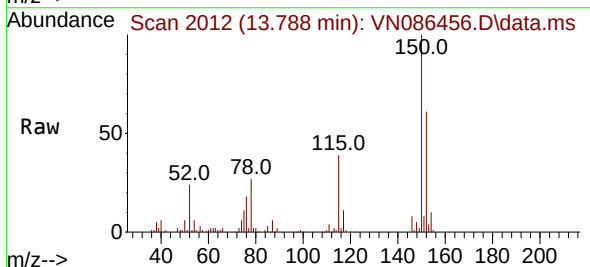
Tgt Ion:173 Resp: 27530
Ion Ratio Lower Upper
173 100
175 47.0 24.6 73.6
254 0.0 0.0 0.0

Manual Integrations
APPROVED

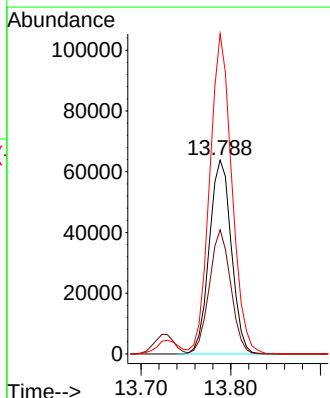
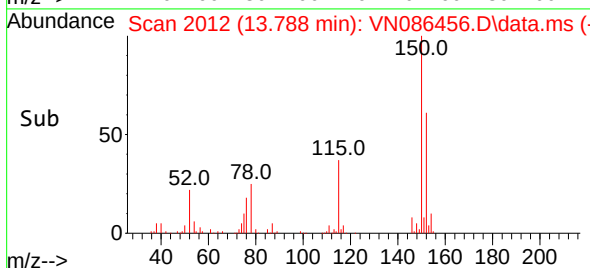
Reviewed By :John Carlone 05/05/2025
Supervised By :Semsettin Yesilyurt 05/05/2025

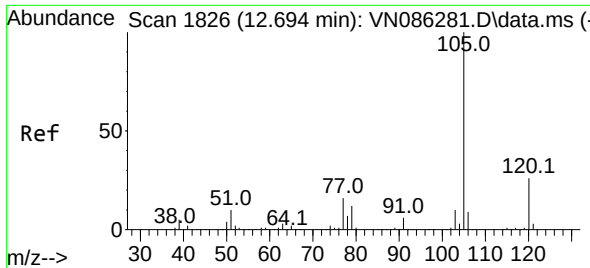


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. 0.000 min
Lab File: VN086456.D
Acq: 02 May 2025 12:14



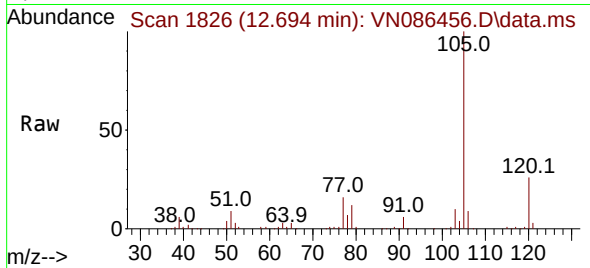
Tgt Ion:152 Resp: 108773
Ion Ratio Lower Upper
152 100
115 62.1 31.9 95.9
150 166.0 0.0 352.0





#73
Isopropylbenzene
Concen: 19.179 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN086456.D
Acq: 02 May 2025 12:14

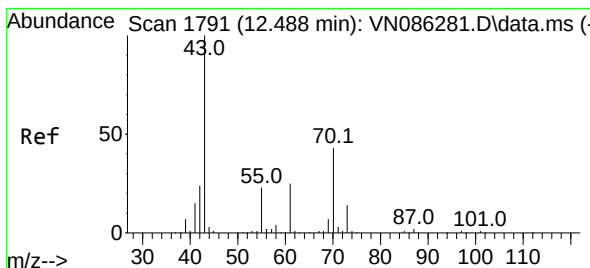
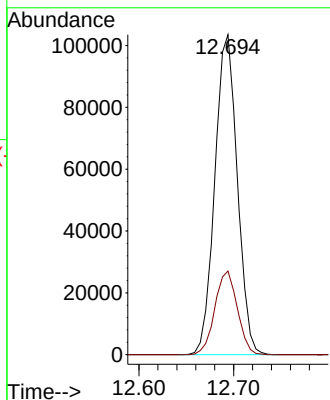
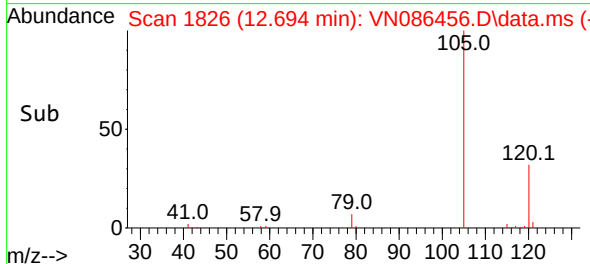
Instrument :
MSVOA_N
ClientSampleId :
VN0502WBSD01



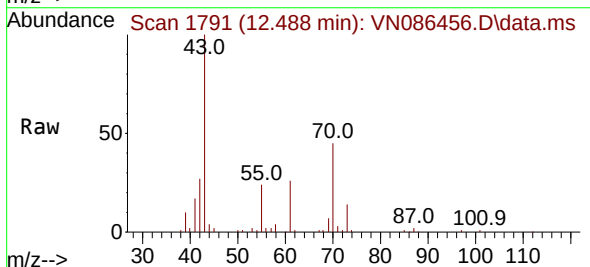
Tgt Ion:105 Resp: 170650
Ion Ratio Lower Upper
105 100
120 26.1 13.1 39.3

Manual Integrations
APPROVED

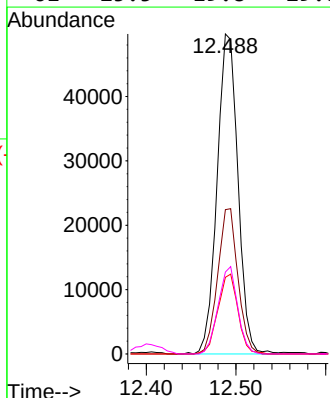
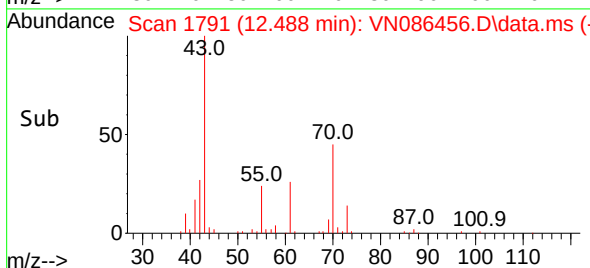
Reviewed By :John Carlone 05/05/2025
Supervised By :Semsettin Yesilyurt 05/05/2025

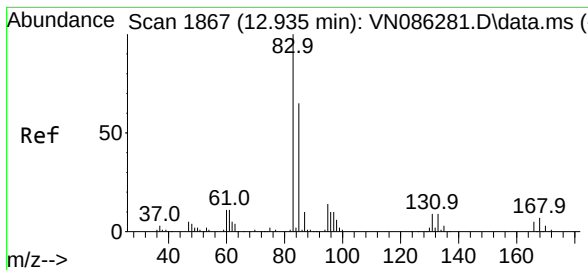


#74
N-ethyl acetate
Concen: 18.113 ug/l
RT: 12.488 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VN086456.D
Acq: 02 May 2025 12:14



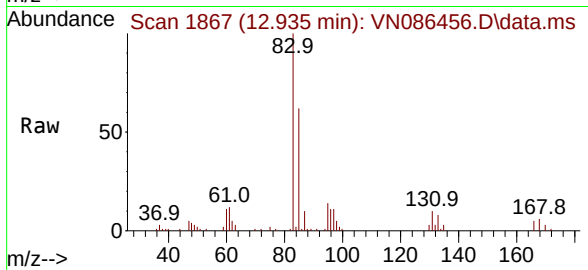
Tgt Ion: 43 Resp: 80233
Ion Ratio Lower Upper
43 100
70 44.0 35.0 52.4
55 24.0 19.0 28.4
61 25.5 19.8 29.8





#75
1,1,2,2-Tetrachloroethane
Concen: 21.023 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VN086456.D
Acq: 02 May 2025 12:14

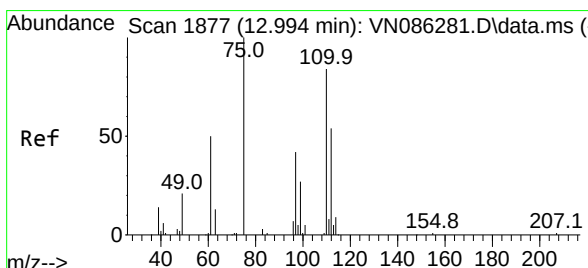
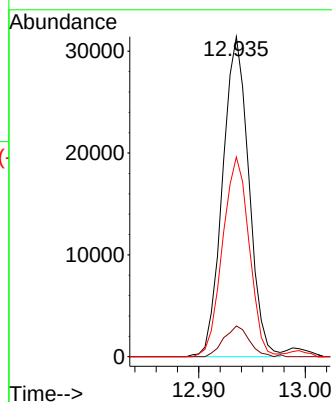
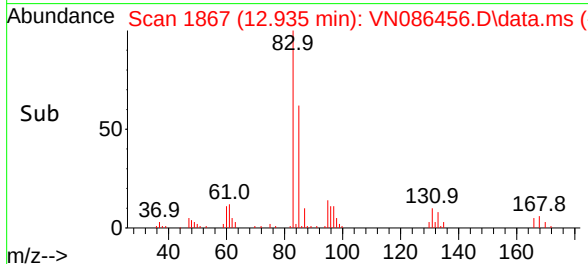
Instrument :
MSVOA_N
ClientSampleId :
VN0502WBSD01



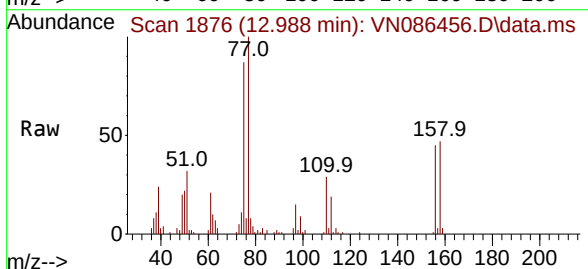
Tgt Ion: 83 Resp: 53780
Ion Ratio Lower Upper
83 100
131 9.4 4.7 14.1
85 63.2 32.7 98.1

Manual Integrations
APPROVED

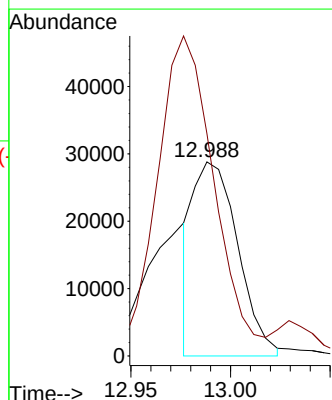
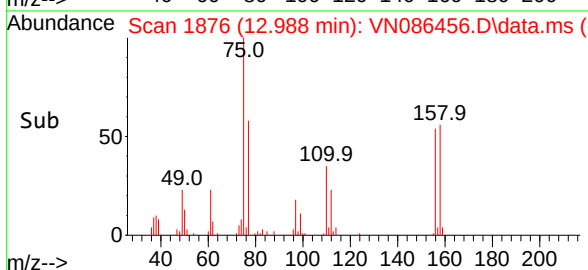
Reviewed By :John Carlone 05/05/2025
Supervised By :Semsettin Yesilyurt 05/05/2025

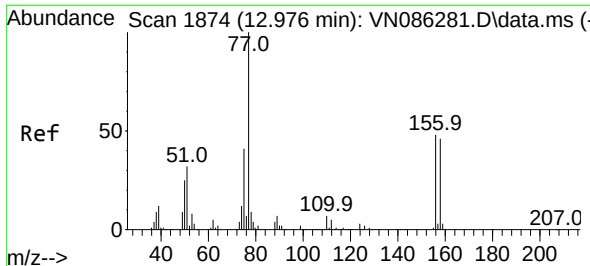


#76
1,2,3-Trichloropropane
Concen: 17.481 ug/l m
RT: 12.988 min Scan# 1876
Delta R.T. -0.006 min
Lab File: VN086456.D
Acq: 02 May 2025 12:14



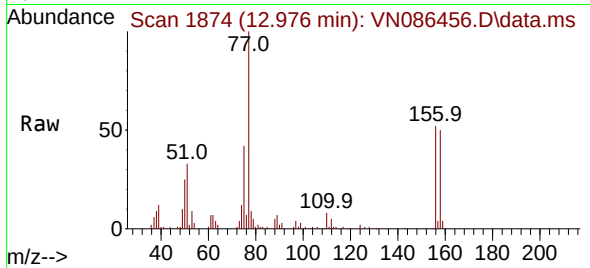
Tgt Ion: 75 Resp: 44872
Ion Ratio Lower Upper
75 100
77 211.9 98.8 296.4





#77
Bromobenzene
Concen: 21.380 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. 0.000 min
Lab File: VN086456.D
Acq: 02 May 2025 12:14

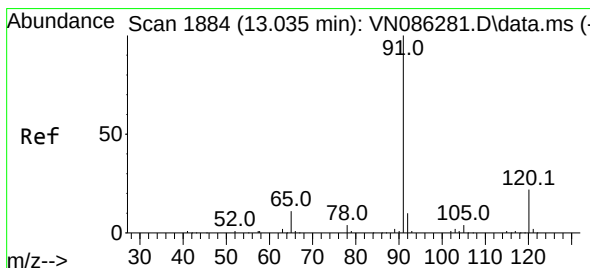
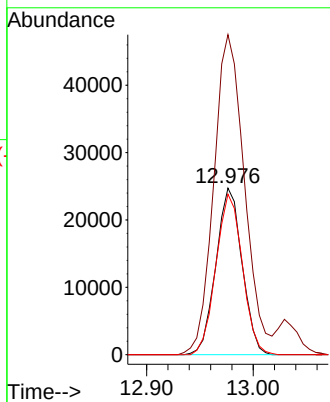
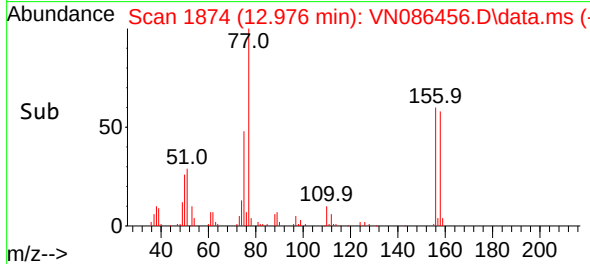
Instrument :
MSVOA_N
ClientSampleId :
VN0502WBSD01



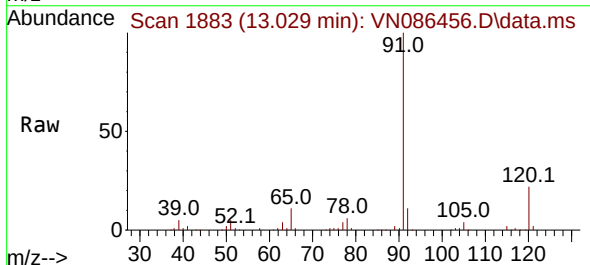
Tgt Ion:156 Resp: 4215
Ion Ratio Lower Upper
156 100
77 225.5 121.1 363.1
158 97.4 47.9 143.6

Manual Integrations
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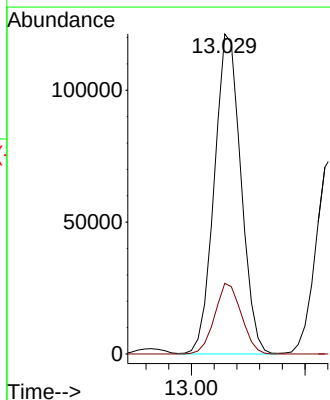
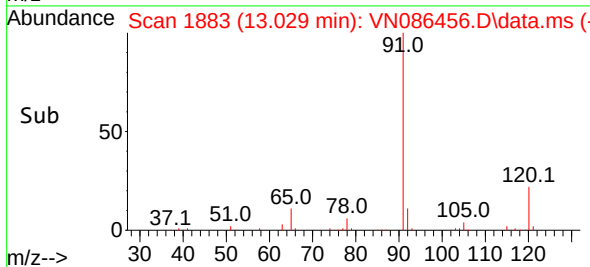
Reviewed By :John Carlone 05/05/2025
Supervised By :Semsettin Yesilyurt 05/05/2025

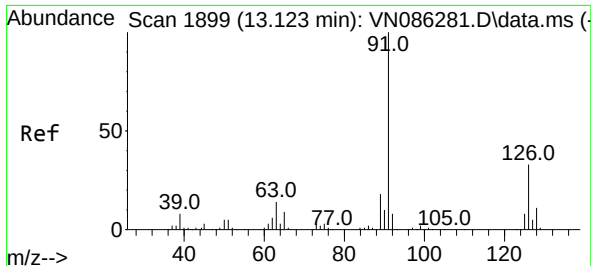


#78
n-propylbenzene
Concen: 18.859 ug/l
RT: 13.029 min Scan# 1883
Delta R.T. -0.006 min
Lab File: VN086456.D
Acq: 02 May 2025 12:14



Tgt Ion: 91 Resp: 197732
Ion Ratio Lower Upper
91 100
120 22.0 11.1 33.3





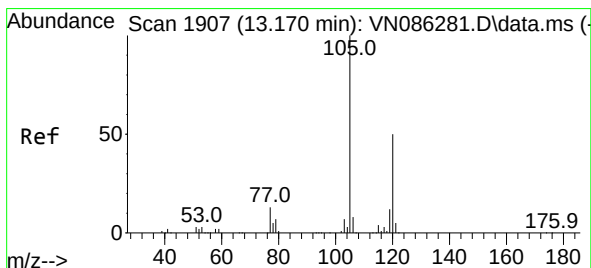
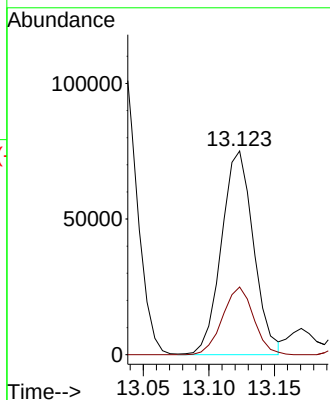
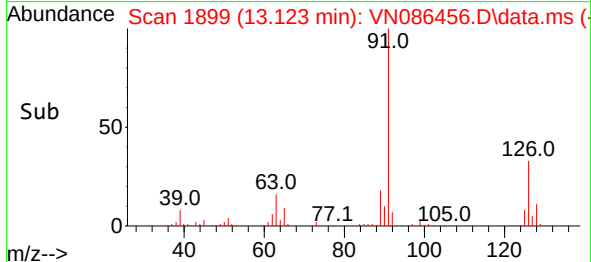
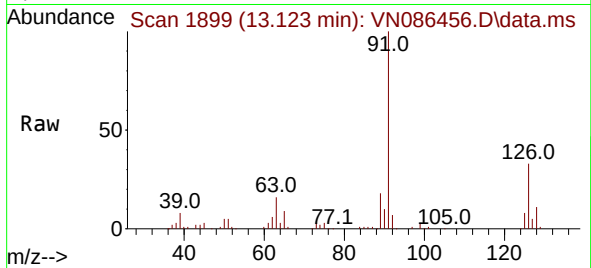
#79
2-Chlorotoluene
Concen: 19.515 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VN086456.D
Acq: 02 May 2025 12:14

Instrument :
MSVOA_N
ClientSampleId :
VN0502WBSD01

Tgt Ion: 91 Resp: 128038
Ion Ratio Lower Upper
91 100
126 32.1 16.1 48.2

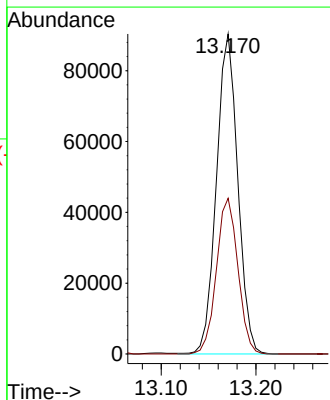
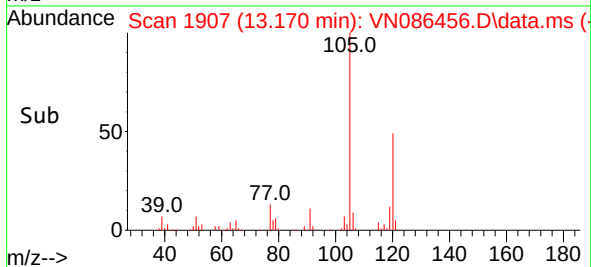
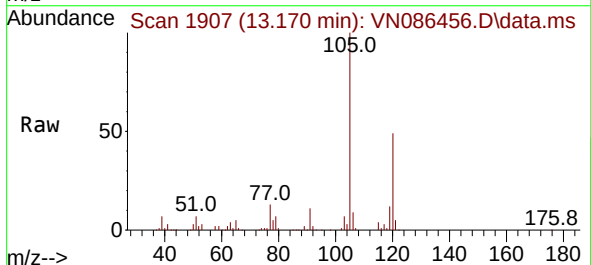
Manual Integrations
APPROVED

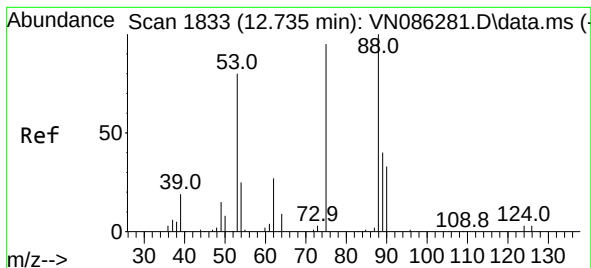
Reviewed By :John Carbone 05/05/2025
Supervised By :Semsettin Yesilyurt 05/05/2025



#80
1,3,5-Trimethylbenzene
Concen: 19.454 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VN086456.D
Acq: 02 May 2025 12:14

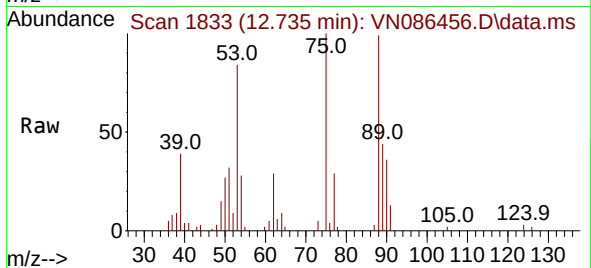
Tgt Ion:105 Resp: 141678
Ion Ratio Lower Upper
105 100
120 48.9 24.5 73.5





#81
trans-1,4-Dichloro-2-butene
Concen: 19.920 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN086456.D
Acq: 02 May 2025 12:14

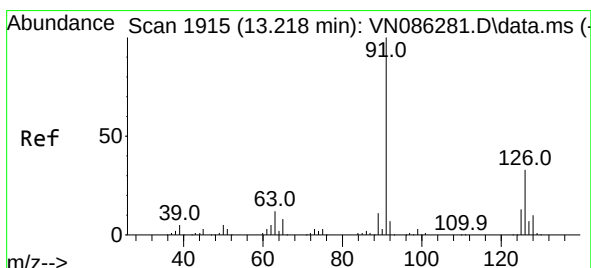
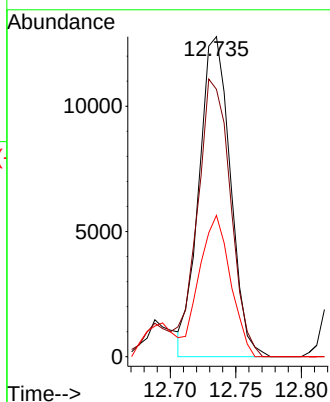
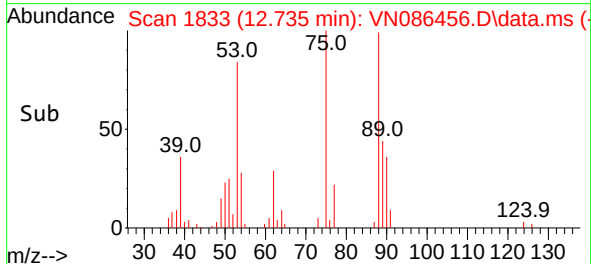
Instrument :
MSVOA_N
ClientSampleId :
VN0502WBSD01



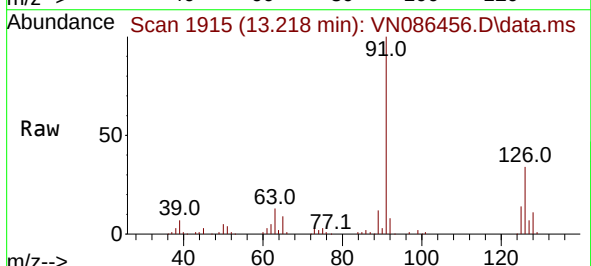
Tgt Ion: 75 Resp: 2129
Ion Ratio Lower Upper
75 100
53 91.9 79.2 118.8
89 44.3 35.7 53.5

Manual Integrations
APPROVED

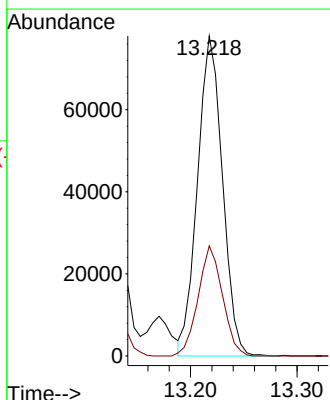
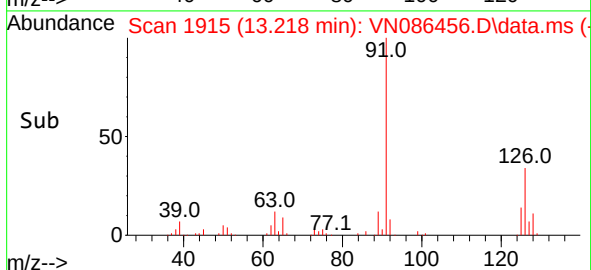
Reviewed By :John Carlone 05/05/2025
Supervised By :Semsettin Yesilyurt 05/05/2025

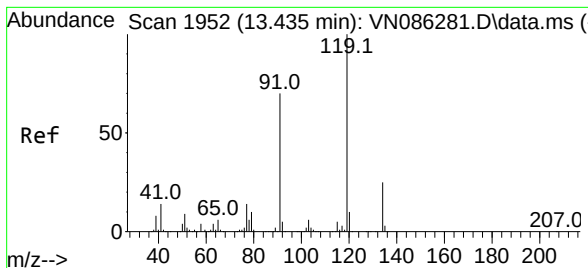


#82
4-Chlorotoluene
Concen: 19.469 ug/l
RT: 13.218 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VN086456.D
Acq: 02 May 2025 12:14



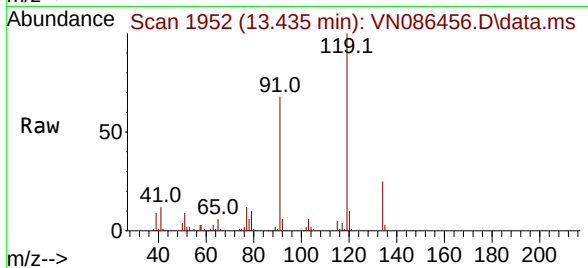
Tgt Ion: 91 Resp: 126883
Ion Ratio Lower Upper
91 100
126 33.6 16.2 48.6





#83
tert-Butylbenzene
Concen: 18.836 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. 0.000 min
Lab File: VN086456.D
Acq: 02 May 2025 12:14

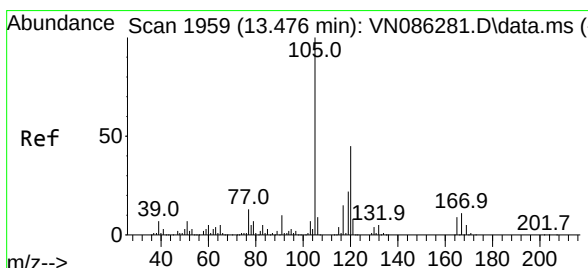
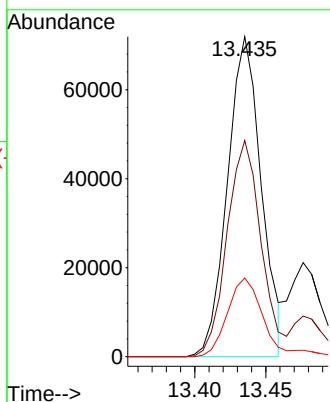
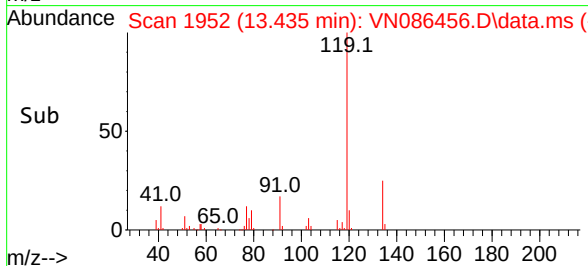
Instrument :
MSVOA_N
ClientSampleId :
VN0502WBSD01



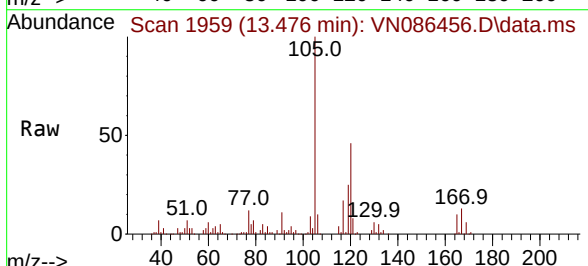
Tgt Ion:119 Resp: 11885
Ion Ratio Lower Upper
119 100
91 68.5 34.4 103.3
134 26.4 13.0 39.0

Manual Integrations
APPROVED

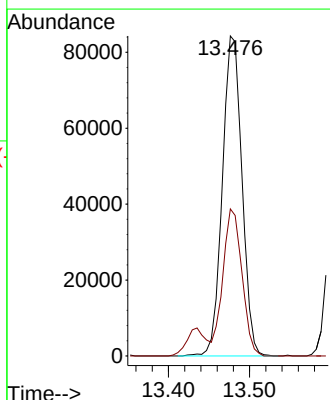
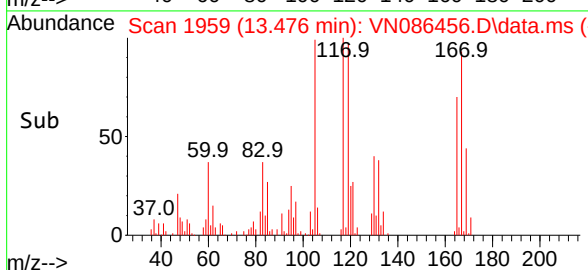
Reviewed By :John Carlone 05/05/2025
Supervised By :Semsettin Yesilyurt 05/05/2025

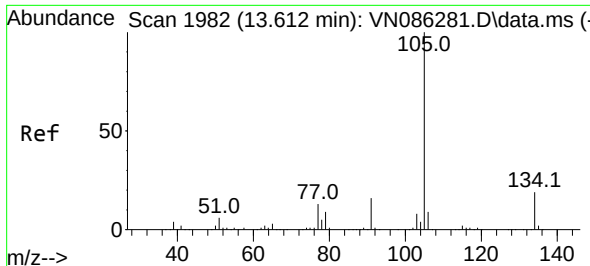


#84
1,2,4-Trimethylbenzene
Concen: 19.109 ug/l
RT: 13.476 min Scan# 1959
Delta R.T. 0.000 min
Lab File: VN086456.D
Acq: 02 May 2025 12:14



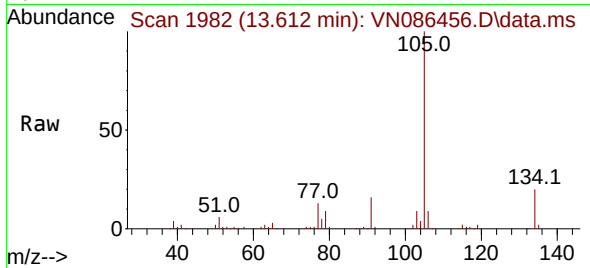
Tgt Ion:105 Resp: 141655
Ion Ratio Lower Upper
105 100
120 44.6 22.4 67.3





#85
 sec-Butylbenzene
 Concen: 18.822 ug/l
 RT: 13.612 min Scan# 1982
 Delta R.T. 0.000 min
 Lab File: VN086456.D
 Acq: 02 May 2025 12:14

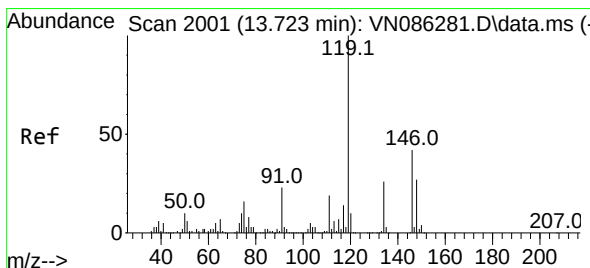
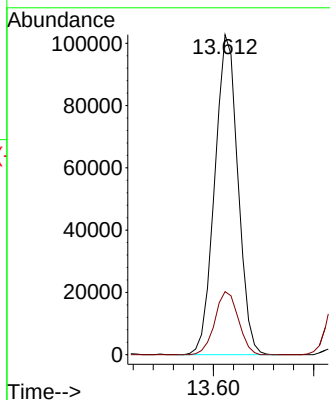
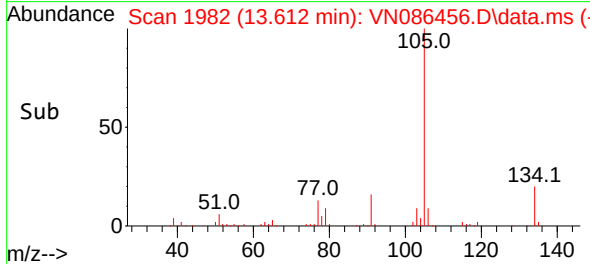
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0502WBSD01



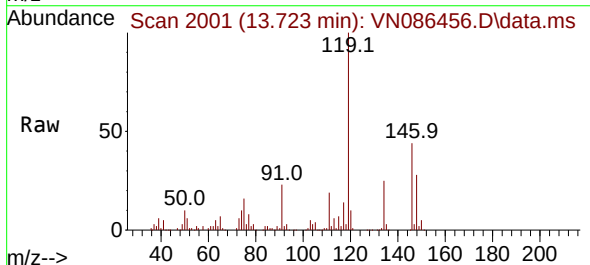
Tgt Ion:105 Resp: 164745
 Ion Ratio Lower Upper
 105 100
 134 19.9 9.7 29.1

Manual Integrations
 APPROVED

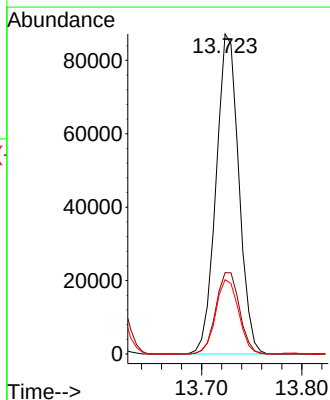
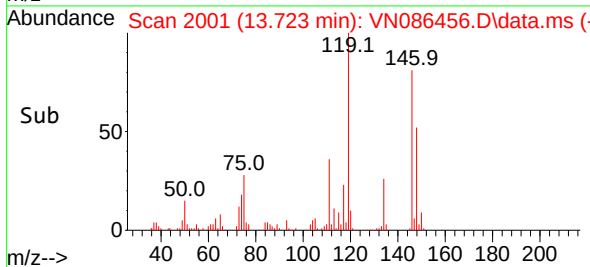
Reviewed By :John Carlone 05/05/2025
 Supervised By :Semsettin Yesilyurt 05/05/2025

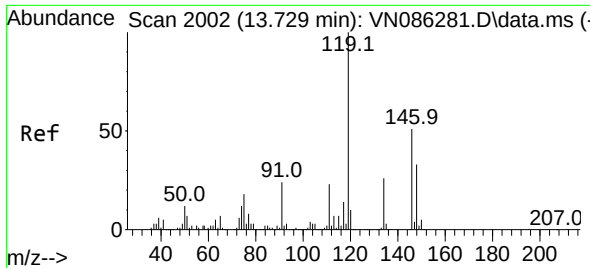


#86
 p-Isopropyltoluene
 Concen: 18.979 ug/l
 RT: 13.723 min Scan# 2001
 Delta R.T. 0.000 min
 Lab File: VN086456.D
 Acq: 02 May 2025 12:14



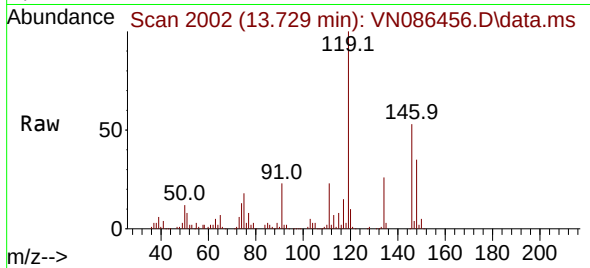
Tgt Ion:119 Resp: 136925
 Ion Ratio Lower Upper
 119 100
 134 26.5 13.1 39.1
 91 23.4 11.9 35.9





#87
1,3-Dichlorobenzene
Concen: 20.284 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. 0.000 min
Lab File: VN086456.D
Acq: 02 May 2025 12:14

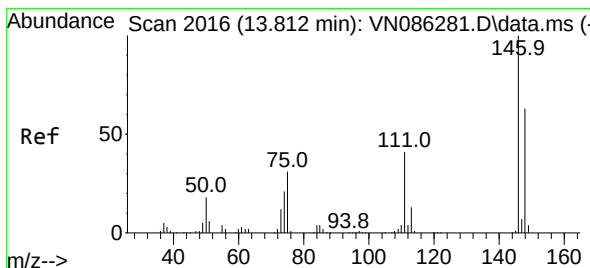
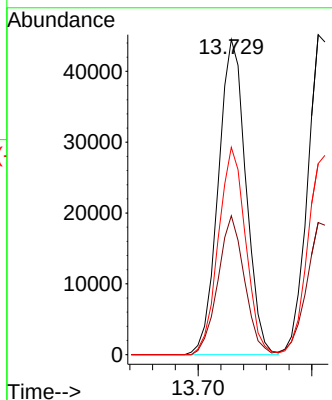
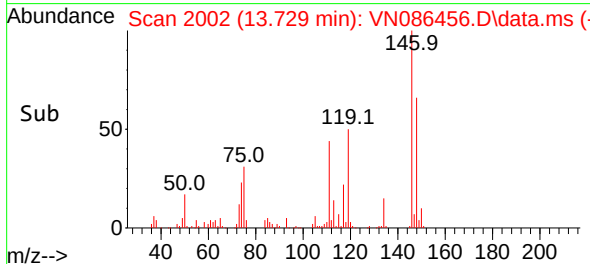
Instrument :
MSVOA_N
ClientSampleId :
VN0502WBSD01



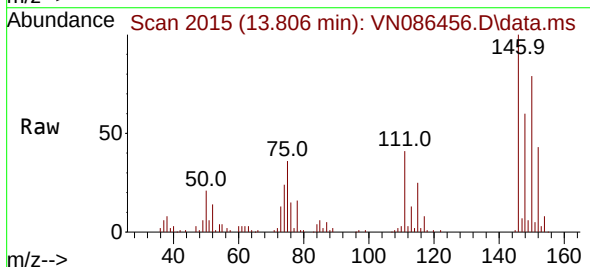
Tgt Ion:146 Resp: 75170
Ion Ratio Lower Upper
146 100
111 42.2 21.9 65.7
148 64.7 31.9 95.5

Manual Integrations
APPROVED

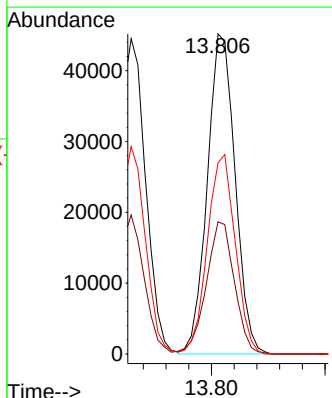
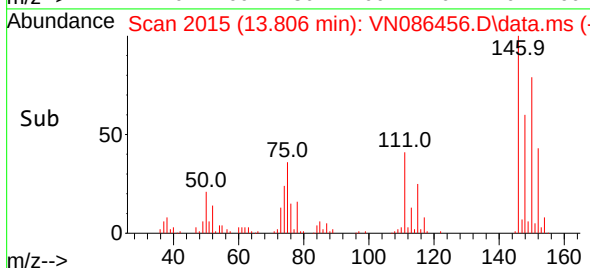
Reviewed By :John Carlone 05/05/2025
Supervised By :Semsettin Yesilyurt 05/05/2025

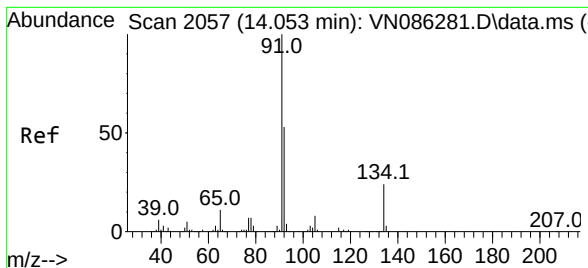


#88
1,4-Dichlorobenzene
Concen: 20.617 ug/l
RT: 13.806 min Scan# 2015
Delta R.T. -0.006 min
Lab File: VN086456.D
Acq: 02 May 2025 12:14



Tgt Ion:146 Resp: 76961
Ion Ratio Lower Upper
146 100
111 41.8 21.3 63.9
148 62.5 31.9 95.9





#89

n-Butylbenzene

Concen: 18.131 ug/l

RT: 14.053 min Scan# 2057

Delta R.T. 0.000 min

Lab File: VN086456.D

Acq: 02 May 2025 12:14

Instrument :

MSVOA_N

ClientSampleId :

VN0502WBSD01

Tgt Ion: 91 Resp: 11594

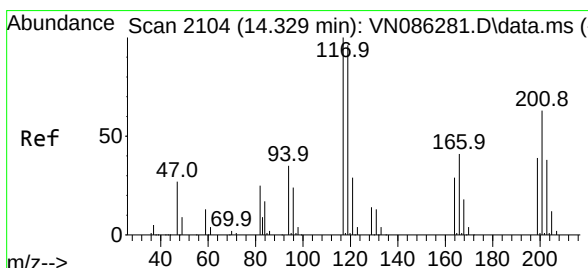
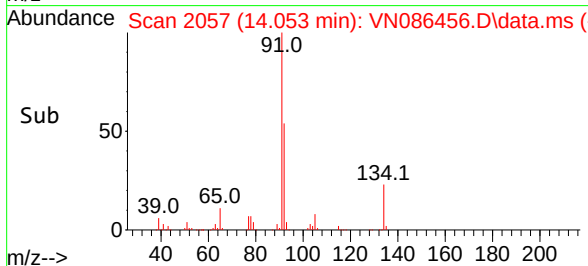
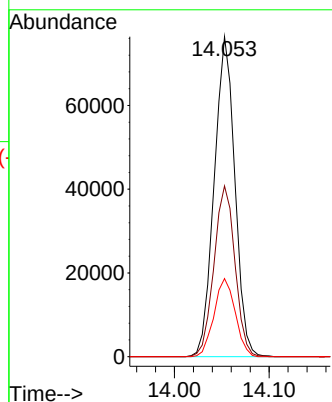
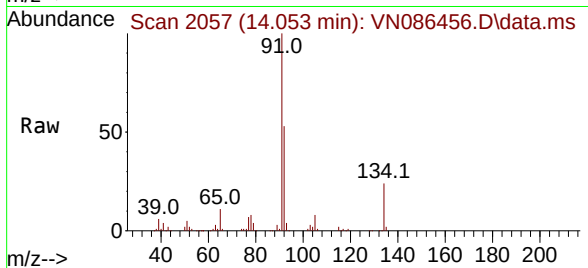
Ion	Ratio	Lower	Upper
91	100		
92	54.2	26.8	80.4
134	25.1	12.2	36.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/05/2025

Supervised By :Semsettin Yesilyurt 05/05/2025



#90

Hexachloroethane

Concen: 18.512 ug/l

RT: 14.329 min Scan# 2104

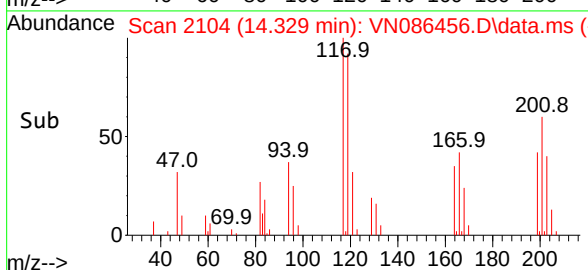
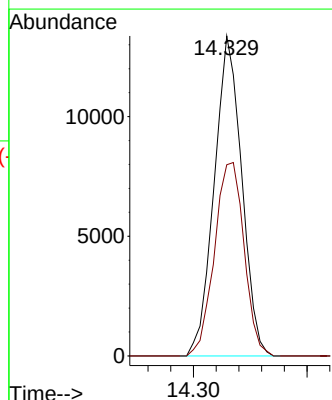
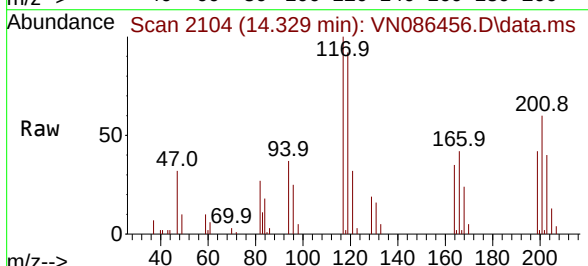
Delta R.T. 0.000 min

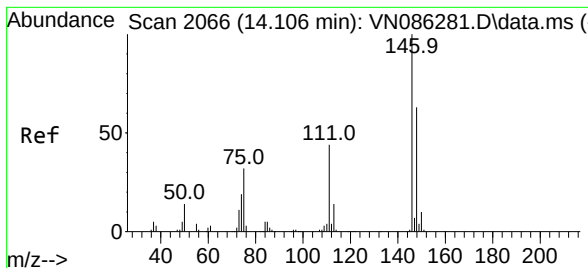
Lab File: VN086456.D

Acq: 02 May 2025 12:14

Tgt Ion: 117 Resp: 22465

Ion	Ratio	Lower	Upper
117	100		
201	65.1	31.4	94.2





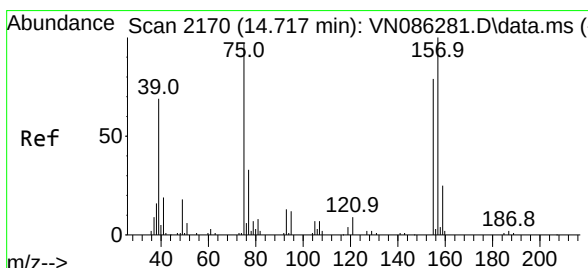
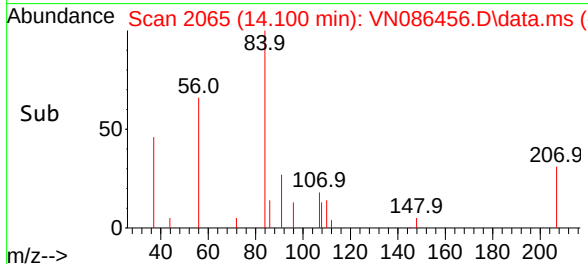
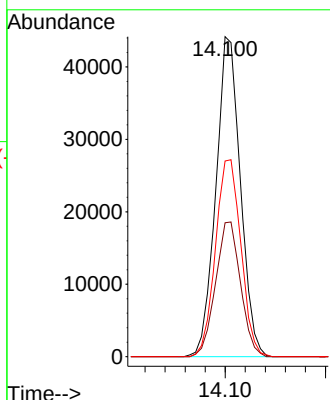
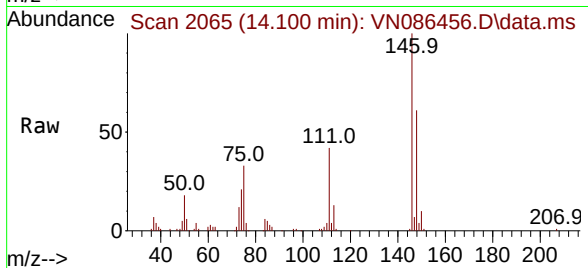
#91
1,2-Dichlorobenzene
Concen: 20.859 ug/l
RT: 14.100 min Scan# 2066
Delta R.T. -0.006 min
Lab File: VN086456.D
Acq: 02 May 2025 12:14

Instrument :
MSVOA_N
ClientSampleId :
VN0502WBSD01

Tgt Ion:146 Resp: 7495
Ion Ratio Lower Upper
146 100
111 42.8 22.4 67.0
148 63.9 31.8 95.4

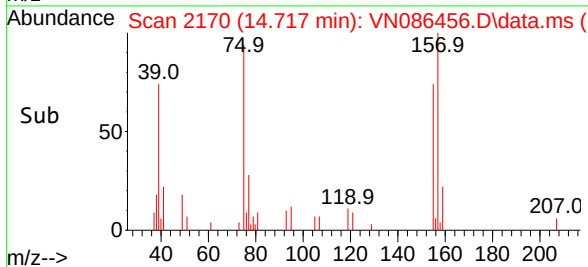
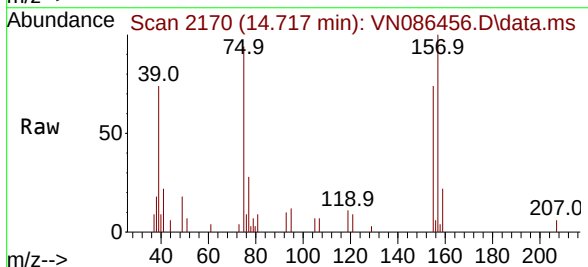
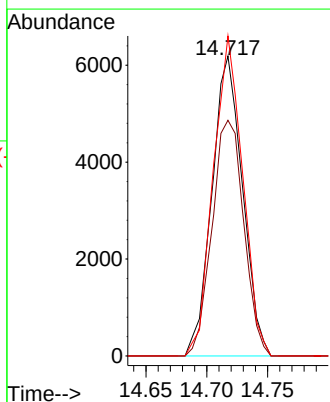
Manual Integrations
APPROVED

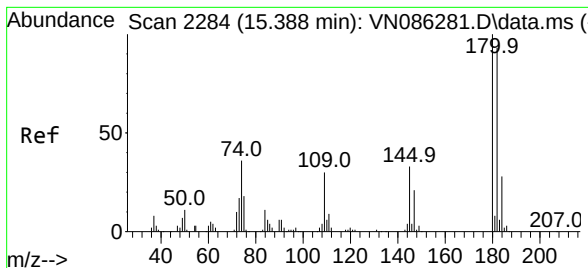
Reviewed By :John Carlone 05/05/2025
Supervised By :Semsettin Yesilyurt 05/05/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 20.981 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. 0.000 min
Lab File: VN086456.D
Acq: 02 May 2025 12:14

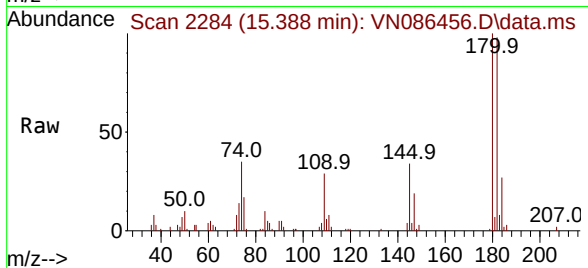
Tgt Ion: 75 Resp: 10823
Ion Ratio Lower Upper
75 100
155 81.3 40.3 120.9
157 102.4 49.0 147.2





#93
1,2,4-Trichlorobenzene
Concen: 20.041 ug/l
RT: 15.388 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN086456.D
Acq: 02 May 2025 12:14

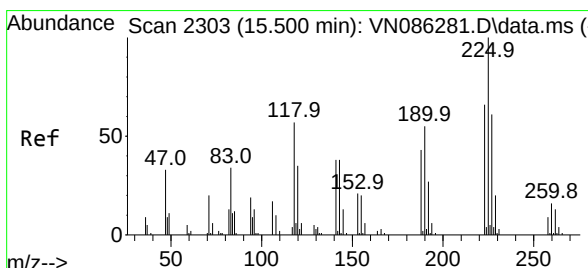
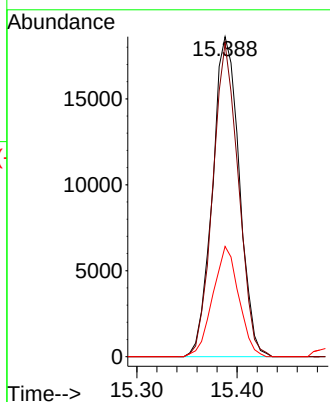
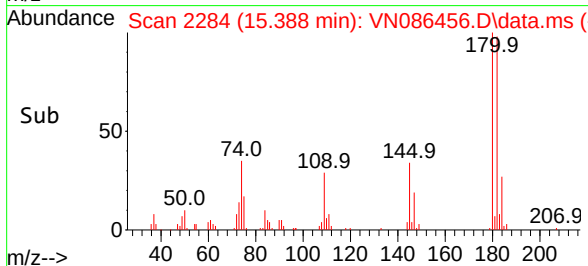
Instrument :
MSVOA_N
ClientSampleId :
VN0502WBSD01



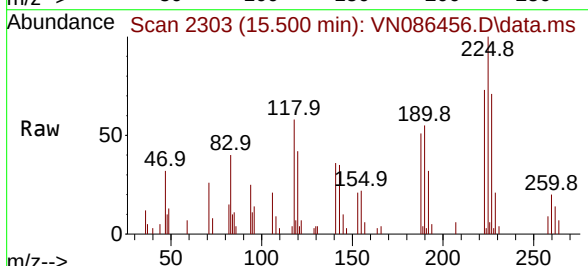
Tgt Ion:180 Resp: 3448
Ion Ratio Lower Upper
180 100
182 93.6 47.0 141.0
145 33.4 16.4 49.1

Manual Integrations
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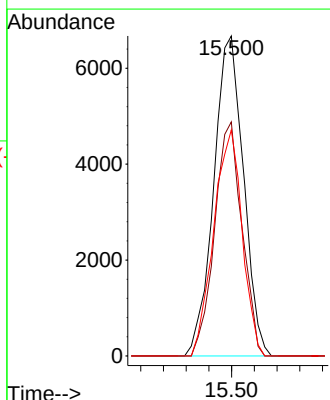
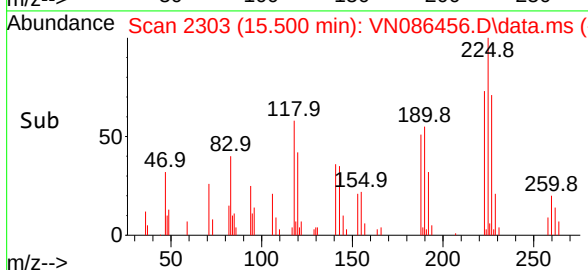
Reviewed By :John Carlone 05/05/2025
Supervised By :Semsettin Yesilyurt 05/05/2025

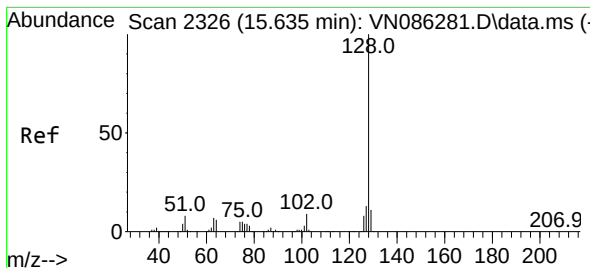


#94
Hexachlorobutadiene
Concen: 18.688 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. 0.000 min
Lab File: VN086456.D
Acq: 02 May 2025 12:14



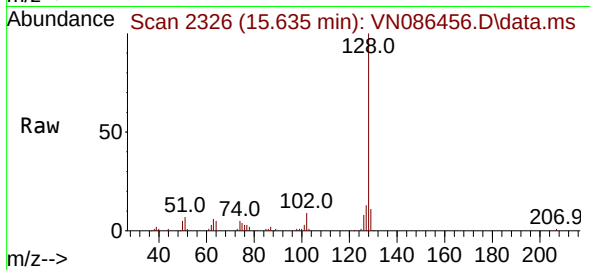
Tgt Ion:225 Resp: 12138
Ion Ratio Lower Upper
225 100
223 67.4 32.8 98.3
227 67.3 31.4 94.0





#95
Naphthalene
Concen: 19.721 ug/l
RT: 15.635 min Scan# 2326
Delta R.T. 0.000 min
Lab File: VN086456.D
Acq: 02 May 2025 12:14

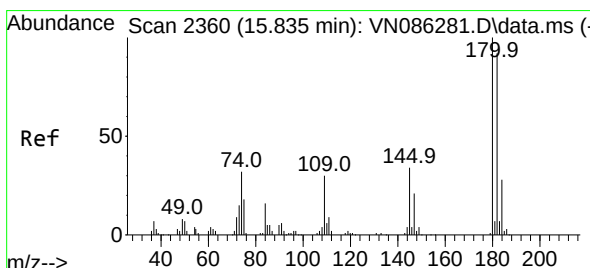
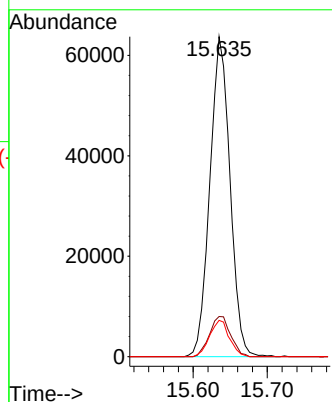
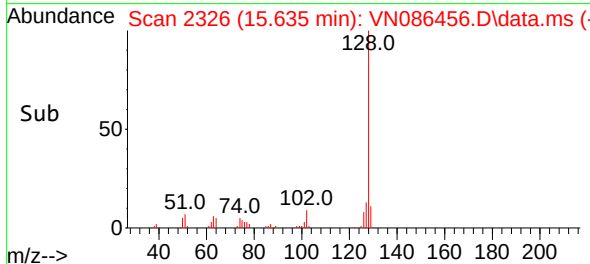
Instrument :
MSVOA_N
ClientSampleId :
VN0502WBSD01



Tgt Ion:128 Resp: 12028
Ion Ratio Lower Upper
128 100
127 13.2 10.2 15.4
129 11.1 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/05/2025
Supervised By :Semsettin Yesilyurt 05/05/2025



#96
1,2,3-Trichlorobenzene
Concen: 20.275 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. 0.000 min
Lab File: VN086456.D
Acq: 02 May 2025 12:14

Tgt Ion:180 Resp: 33027
Ion Ratio Lower Upper
180 100
182 92.0 47.3 142.0
145 32.8 17.2 51.5

