

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061625\
 Data File : VN087020.D
 Acq On : 16 Jun 2025 11:04
 Operator : JC\MD
 Sample : VN0616WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0616WBS01

Quant Time: Jun 17 07:18:49 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 07 02:12:50 2025
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/17/2025
 Supervised By : Semsettin Yesilyurt 06/17/2025

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

Internal Standards						
1) Pentafluorobenzene	8.229	168	198479	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	351201	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	304875	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	154394	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	114172	42.964	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	85.920%		
35) Dibromofluoromethane	8.177	113	99113	47.621	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.240%		
50) Toluene-d8	10.565	98	374388	45.439	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	90.880%		
62) 4-Bromofluorobenzene	12.847	95	141176	46.119	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	92.240%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.153	85	37533	18.966	ug/l	98
3) Chloromethane	2.400	50	39606	15.499	ug/l	98
4) Vinyl Chloride	2.553	62	52585	19.948	ug/l	97
5) Bromomethane	3.000	94	20257	13.732	ug/l	100
6) Chloroethane	3.159	64	32603	19.147	ug/l	94
7) Trichlorofluoromethane	3.530	101	65961	19.152	ug/l	96
8) Diethyl Ether	3.989	74	28248	18.824	ug/l	93
9) 1,1,2-Trichlorotrifluo...	4.406	101	40915	18.908	ug/l	98
10) Methyl Iodide	4.618	142	17914	6.386	ug/l	94
11) Tert butyl alcohol	5.536	59	55506	76.978	ug/l	100
12) 1,1-Dichloroethene	4.371	96	42250	19.125	ug/l	97
13) Acrolein	4.200	56	26461	115.934	ug/l	98
14) Allyl chloride	5.047	41	61587m	16.810	ug/l	
15) Acrylonitrile	5.730	53	143891	85.376	ug/l	99
16) Acetone	4.447	43	109568	77.749	ug/l	98
17) Carbon Disulfide	4.741	76	127198	20.816	ug/l	99
18) Methyl Acetate	5.047	43	58410	14.223	ug/l	98
19) Methyl tert-butyl Ether	5.812	73	142042	17.758	ug/l	99
20) Methylene Chloride	5.300	84	47051	17.833	ug/l	96
21) trans-1,2-Dichloroethene	5.812	96	46452	18.900	ug/l	94
22) Diisopropyl ether	6.688	45	134171	17.373	ug/l	97
23) Vinyl Acetate	6.618	43	588534	90.198	ug/l	99
24) 1,1-Dichloroethane	6.588	63	81795	18.404	ug/l	98
25) 2-Butanone	7.494	43	183450	80.085	ug/l	95
26) 2,2-Dichloropropane	7.500	77	70660	20.439	ug/l	100
27) cis-1,2-Dichloroethene	7.494	96	54811	18.647	ug/l	99
28) Bromochloromethane	7.824	49	37366	17.100	ug/l	94
29) Tetrahydrofuran	7.847	42	122051	81.792	ug/l	96
30) Chloroform	7.977	83	81394	18.339	ug/l	97
31) Cyclohexane	8.265	56	75253	17.460	ug/l	95
32) 1,1,1-Trichloroethane	8.177	97	68126	18.047	ug/l	95
36) 1,1-Dichloropropene	8.377	75	60230	19.421	ug/l	99
37) Ethyl Acetate	7.571	43	67617	17.127	ug/l	98
38) Carbon Tetrachloride	8.371	117	56888	18.684	ug/l	98
39) Methylcyclohexane	9.606	83	71937	16.930	ug/l	94
40) Benzene	8.612	78	194623	19.191	ug/l	99

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.782	41	36338	16.389	ug/l	95
42) 1,2-Dichloroethane	8.676	62	56441	18.349	ug/l	98
43) Isopropyl Acetate	8.694	43	107401	16.949	ug/l	98
44) Trichloroethene	9.359	130	46641	19.396	ug/l	97
45) 1,2-Dichloropropane	9.623	63	45840	18.579	ug/l	99
46) Dibromomethane	9.712	93	32178	19.635	ug/l	97
47) Bromodichloromethane	9.894	83	63377	18.796	ug/l	98
48) Methyl methacrylate	9.682	41	47325	16.227	ug/l	94
49) 1,4-Dioxane	9.700	88	18992	357.950	ug/l #	99
51) 4-Methyl-2-Pentanone	10.447	43	327481	85.848	ug/l	99
52) Toluene	10.629	92	118515	19.122	ug/l	99
53) t-1,3-Dichloropropene	10.841	75	70878	18.799	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	75519	18.720	ug/l	98
55) 1,1,2-Trichloroethane	11.018	97	44875	18.817	ug/l	98
56) Ethyl methacrylate	10.882	69	70762	18.629	ug/l #	91
57) 1,3-Dichloropropane	11.165	76	77534	18.742	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	194458	85.833	ug/l	100
59) 2-Hexanone	11.206	43	191051	77.753	ug/l	93
60) Dibromochloromethane	11.359	129	48043	19.336	ug/l	99
61) 1,2-Dibromoethane	11.470	107	45566	18.641	ug/l	99
64) Tetrachloroethene	11.106	164	37131	19.244	ug/l	93
65) Chlorobenzene	11.894	112	130351	19.386	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.959	131	41248	19.083	ug/l	99
67) Ethyl Benzene	11.964	91	215330	18.591	ug/l	100
68) m/p-Xylenes	12.070	106	171972	38.788	ug/l	97
69) o-Xylene	12.394	106	82615	19.456	ug/l	95
70) Styrene	12.412	104	138368	19.043	ug/l	99
71) Bromoform	12.576	173	31904	19.921	ug/l #	99
73) Isopropylbenzene	12.694	105	198621	17.659	ug/l	99
74) N-amyl acetate	12.529	43	73537m	18.710	ug/l	
75) 1,1,2,2-Tetrachloroethane	12.935	83	71468	18.756	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	60407m	16.460	ug/l	
77) Bromobenzene	12.976	156	49732	19.280	ug/l	95
78) n-propylbenzene	13.035	91	239720	17.538	ug/l	99
79) 2-Chlorotoluene	13.123	91	145077	17.698	ug/l	97
80) 1,3,5-Trimethylbenzene	13.170	105	164102	17.671	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	23631	14.822	ug/l	99
82) 4-Chlorotoluene	13.217	91	150701	18.169	ug/l	98
83) tert-Butylbenzene	13.435	119	140370	16.513	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	165460	17.768	ug/l	99
85) sec-Butylbenzene	13.611	105	205538	16.650	ug/l	99
86) p-Isopropyltoluene	13.729	119	174962	17.146	ug/l	98
87) 1,3-Dichlorobenzene	13.729	146	92897	18.304	ug/l	100
88) 1,4-Dichlorobenzene	13.811	146	97432	18.830	ug/l	99
89) n-Butylbenzene	14.053	91	156993	15.883	ug/l	99
90) Hexachloroethane	14.329	117	28816	16.660	ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	90825	18.627	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.717	75	15534	17.046	ug/l	97
93) 1,2,4-Trichlorobenzene	15.388	180	52567	16.883	ug/l	100
94) Hexachlorobutadiene	15.494	225	16942	14.605	ug/l	96
95) Naphthalene	15.635	128	197587	17.049	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	49566	16.023	ug/l	98

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ClientSampleId :
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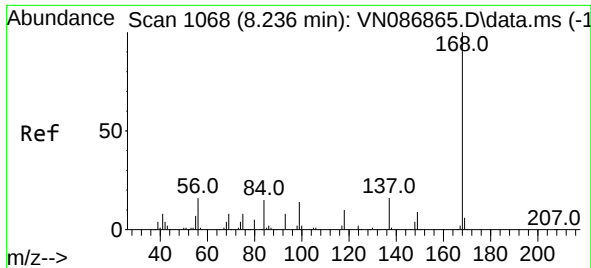
Manual Integrations
APPROVED

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 07 02:12:50 2025
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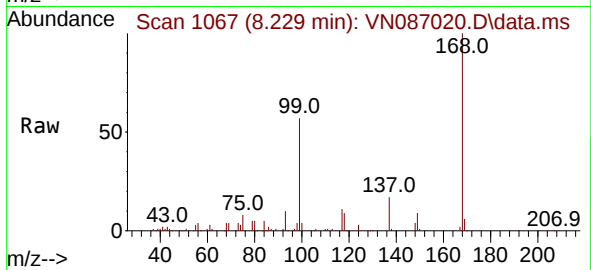
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1068
Delta R.T. -0.007 min
Lab File: VN087020.D
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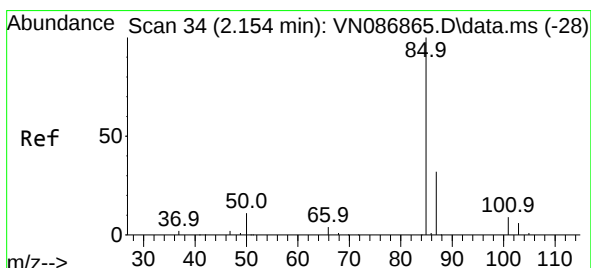
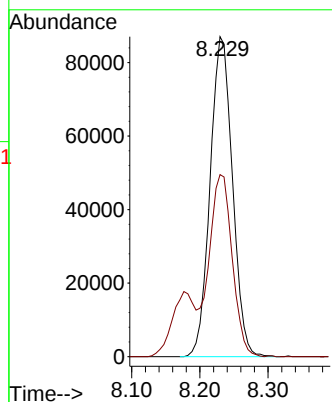
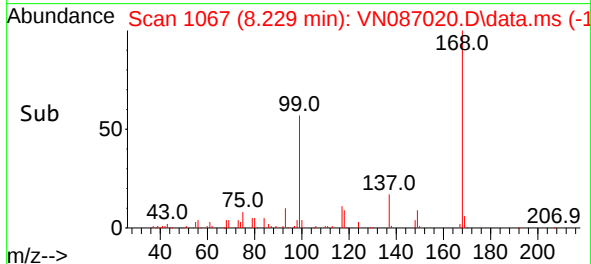
Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion:168 Resp: 198479
Ion Ratio Lower Upper
168 100
99 56.9 49.1 73.7

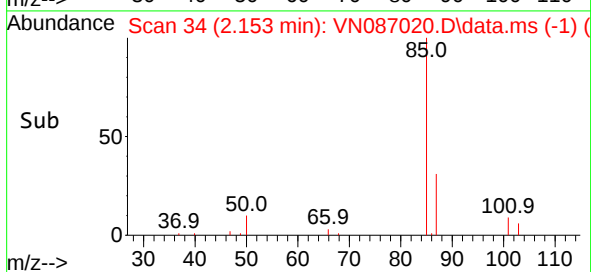
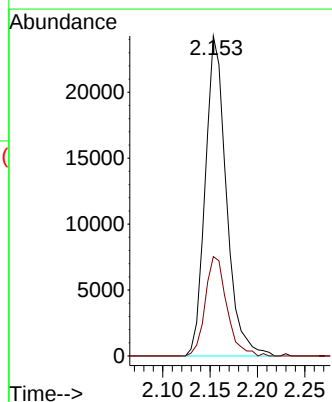
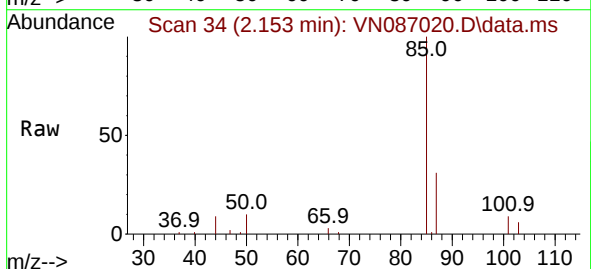
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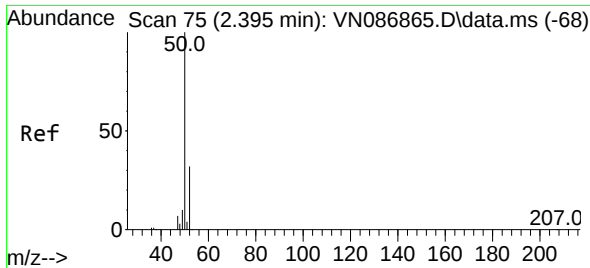
Reviewed By :John Carlone 06/17/2025
Supervised By :Semsettin Yesilyurt 06/17/2025



#2
Dichlorodifluoromethane
Concen: 18.966 ug/l
RT: 2.153 min Scan# 34
Delta R.T. -0.000 min
Lab File: VN087020.D
Acq: 16 Jun 2025 11:04

Tgt Ion: 85 Resp: 37533
Ion Ratio Lower Upper
85 100
87 31.1 16.2 48.6





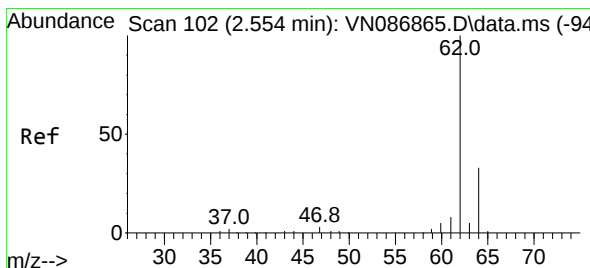
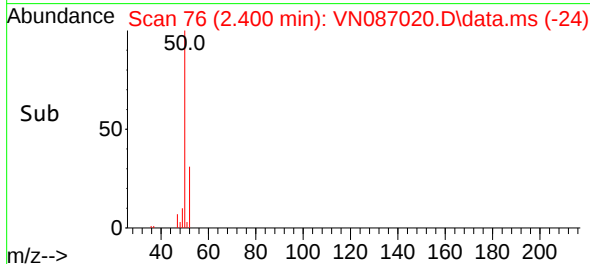
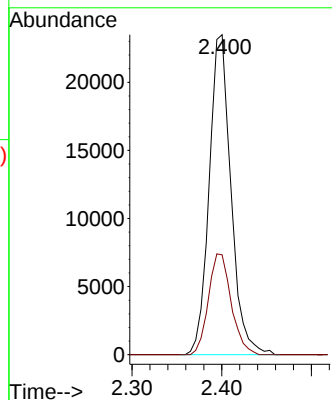
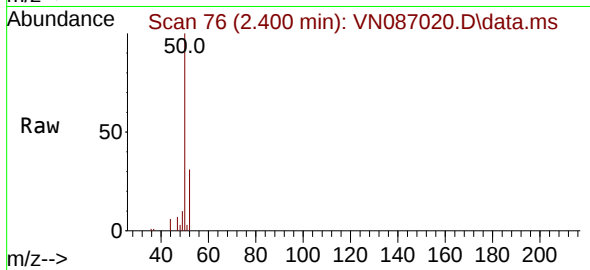
#3
Chloromethane
Concen: 15.499 ug/l
RT: 2.400 min Scan# 75
Delta R.T. 0.006 min
Lab File: VN087020.D
Acq: 16 Jun 2025 11:04

Instrument :
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ClientSampleId :
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Tgt Ion: 50 Resp: 39600
Ion Ratio Lower Upper
50 100
52 31.2 25.7 38.5

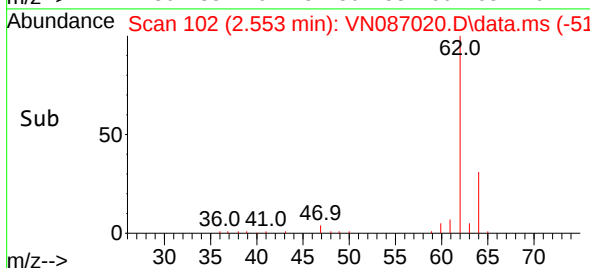
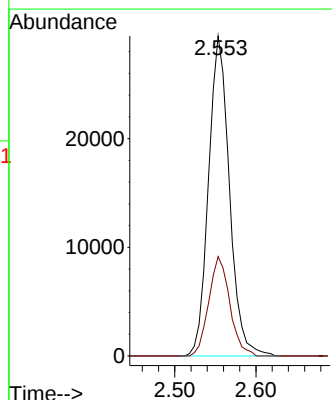
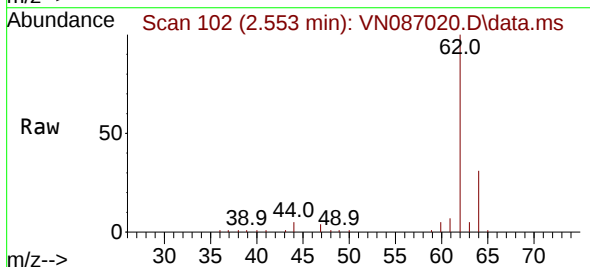
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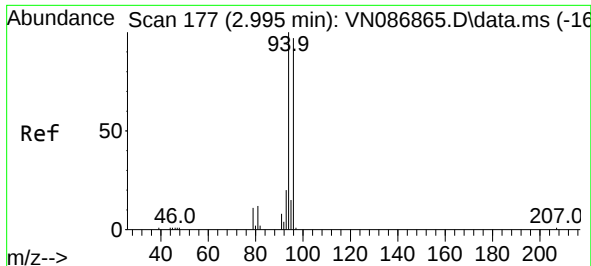
Reviewed By :John Carlone 06/17/2025
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#4
Vinyl Chloride
Concen: 19.948 ug/l
RT: 2.553 min Scan# 102
Delta R.T. -0.000 min
Lab File: VN087020.D
Acq: 16 Jun 2025 11:04

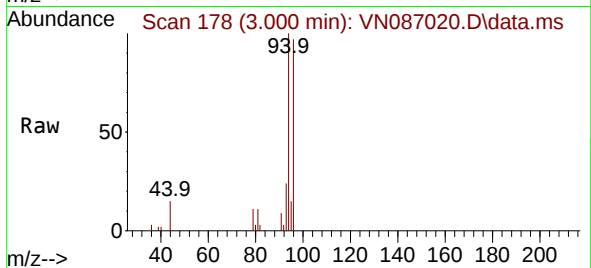
Tgt Ion: 62 Resp: 52585
Ion Ratio Lower Upper
62 100
64 31.1 26.0 39.0





#5
Bromomethane
Concen: 13.732 ug/l
RT: 3.000 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN087020.D
Acq: 16 Jun 2025 11:04

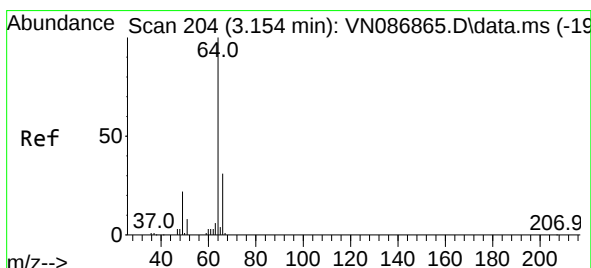
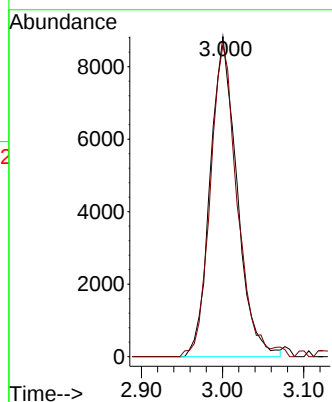
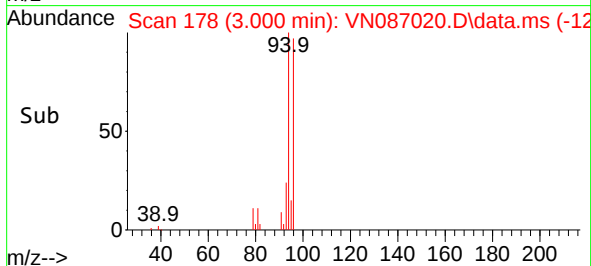
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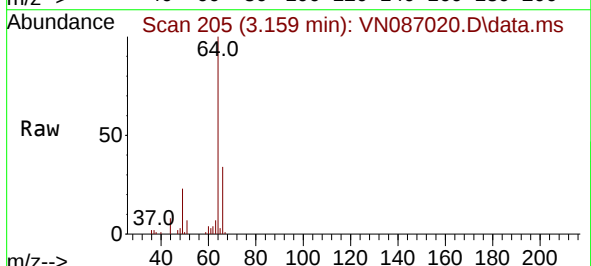
Tgt Ion: 94 Resp: 2025
Ion Ratio Lower Upper
94 100
96 97.4 77.9 116.9

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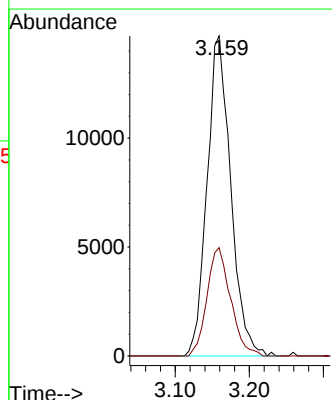
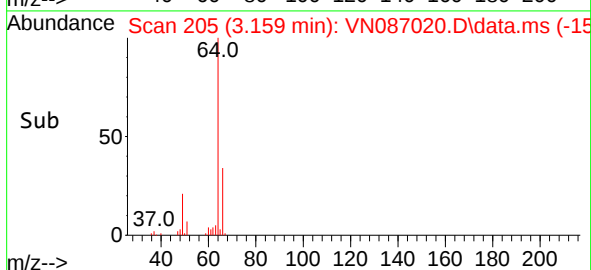
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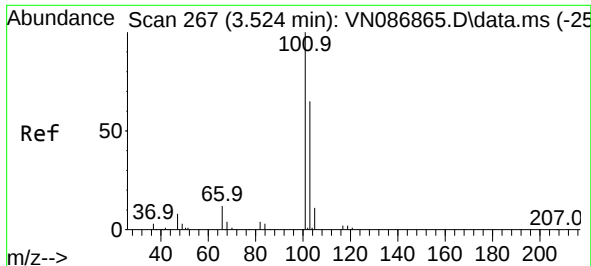


#6
Chloroethane
Concen: 19.147 ug/l
RT: 3.159 min Scan# 205
Delta R.T. 0.006 min
Lab File: VN087020.D
Acq: 16 Jun 2025 11:04



Tgt Ion: 64 Resp: 32603
Ion Ratio Lower Upper
64 100
66 33.8 24.6 36.8





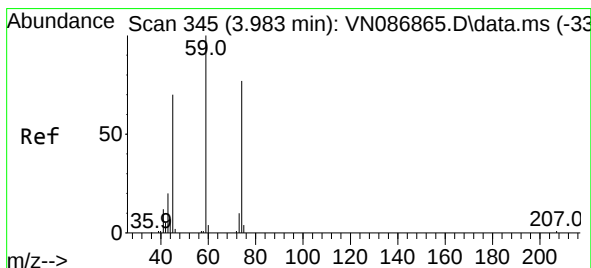
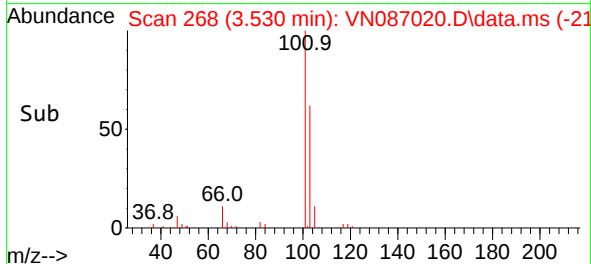
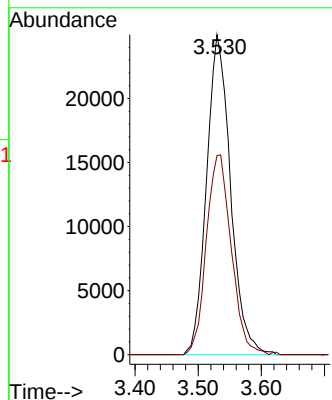
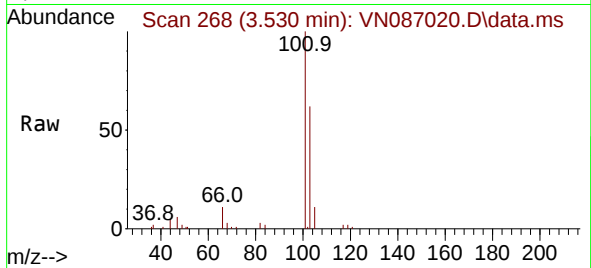
#7
Trichlorofluoromethane
Concen: 19.152 ug/l
RT: 3.530 min Scan# 267
Delta R.T. 0.006 min
Lab File: VN087020.D
Acq: 16 Jun 2025 11:04

Instrument :
MSVOA_N
ClientSampleId :
VN0616WBS01

Tgt Ion:101 Resp: 6596
Ion Ratio Lower Upper
101 100
103 62.2 52.2 78.2

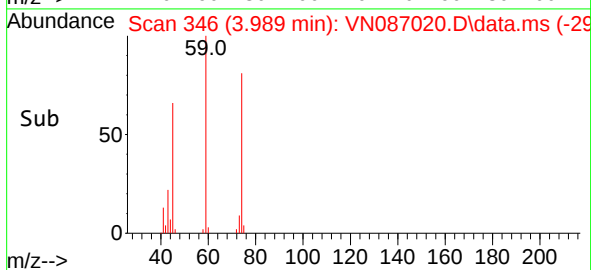
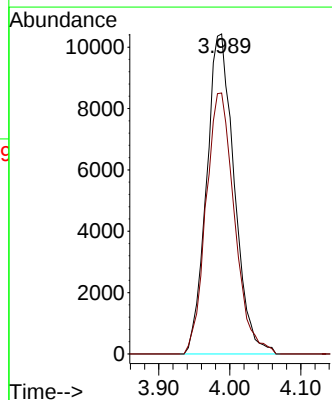
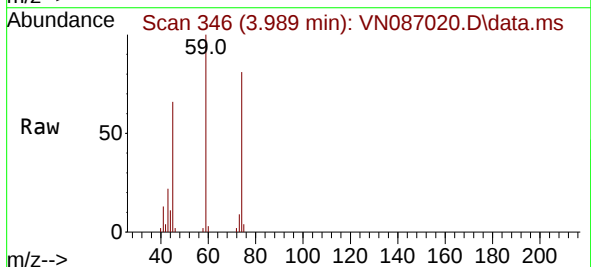
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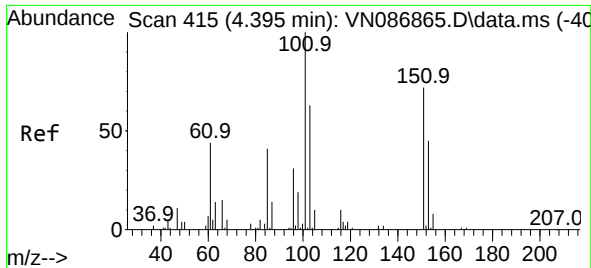
Reviewed By :John Carlone 06/17/2025
Supervised By :Semsettin Yesilyurt 06/17/2025



#8
Diethyl Ether
Concen: 18.824 ug/l
RT: 3.989 min Scan# 346
Delta R.T. 0.006 min
Lab File: VN087020.D
Acq: 16 Jun 2025 11:04

Tgt Ion: 74 Resp: 28248
Ion Ratio Lower Upper
74 100
45 84.0 45.5 136.5





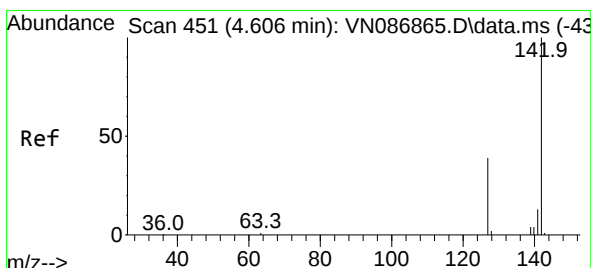
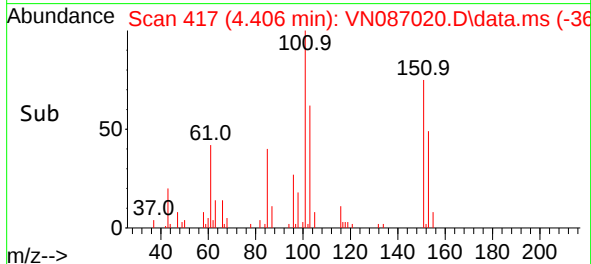
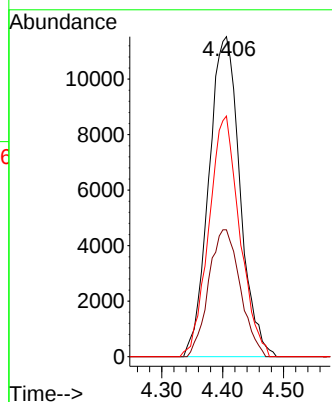
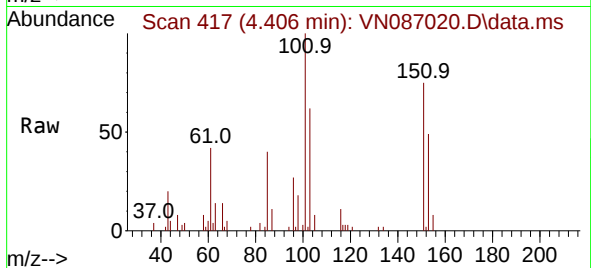
#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.908 ug/l
RT: 4.406 min Scan# 415
Delta R.T. 0.011 min
Lab File: VN087020.D
Acq: 16 Jun 2025 11:04

Instrument :
MSVOA_N
ClientSampleId :
VN0616WBS01

Tgt Ion:101 Resp: 4091
Ion Ratio Lower Upper
101 100
85 40.2 33.8 50.8
151 74.3 58.7 88.1

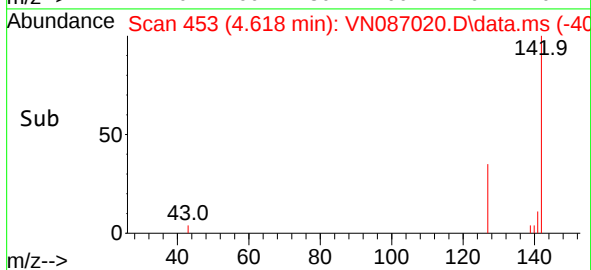
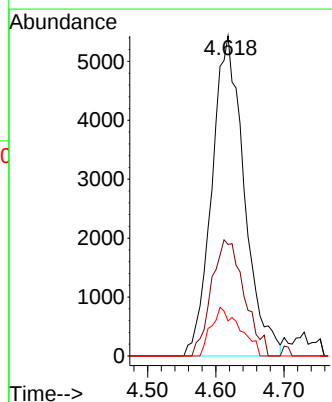
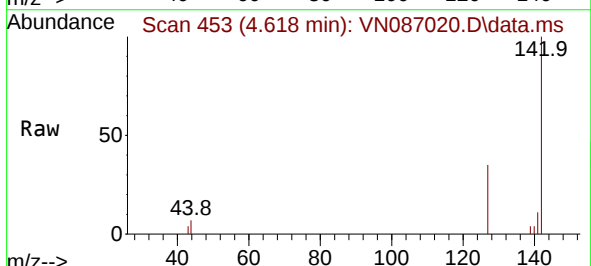
Manual Integrations
APPROVED

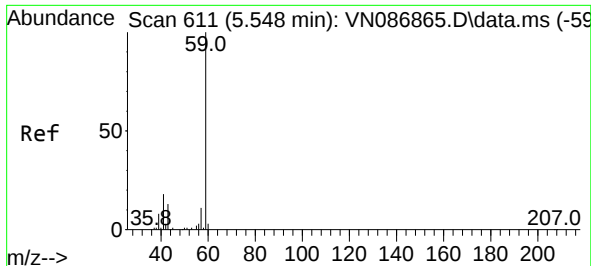
Reviewed By :John Carlone 06/17/2025
Supervised By :Semsettin Yesilyurt 06/17/2025



#10
Methyl Iodide
Concen: 6.386 ug/l
RT: 4.618 min Scan# 453
Delta R.T. 0.011 min
Lab File: VN087020.D
Acq: 16 Jun 2025 11:04

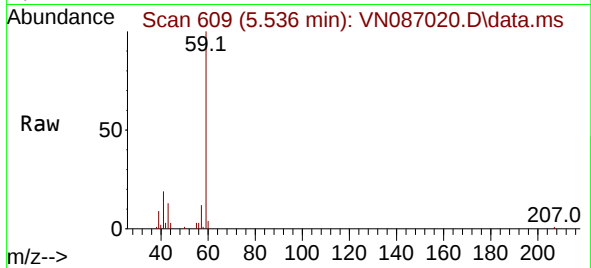
Tgt Ion:142 Resp: 17914
Ion Ratio Lower Upper
142 100
127 34.8 30.9 46.3
141 10.9 10.4 15.6





#11
Tert butyl alcohol
Concen: 76.978 ug/l
RT: 5.536 min Scan# 609
Delta R.T. -0.012 min
Lab File: VN087020.D
Acq: 16 Jun 2025 11:04

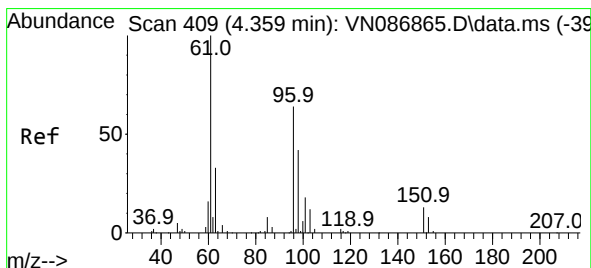
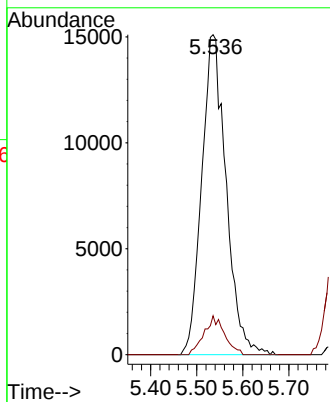
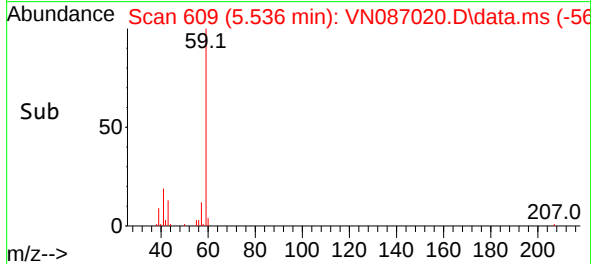
Instrument :
MSVOA_N
ClientSampleId :
VN0616WBS01



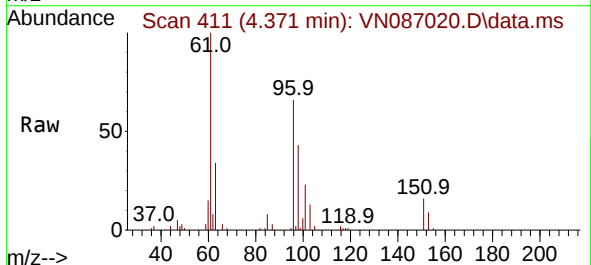
Tgt Ion: 59 Resp: 55500
Ion Ratio Lower Upper
59 100
57 10.1 8.1 12.1

Manual Integrations
APPROVED

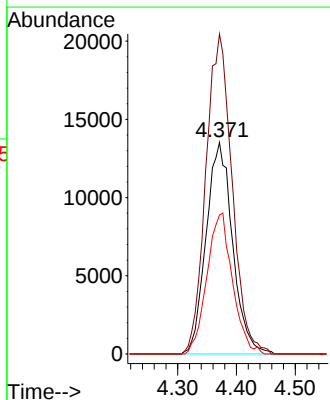
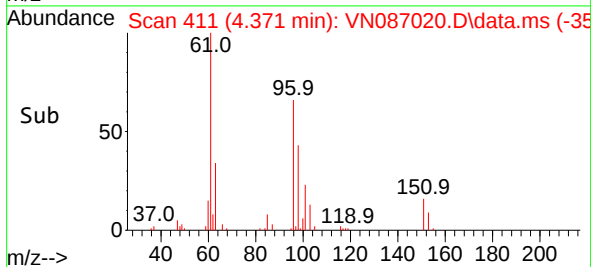
Reviewed By :John Carlone 06/17/2025
Supervised By :Semsettin Yesilyurt 06/17/2025

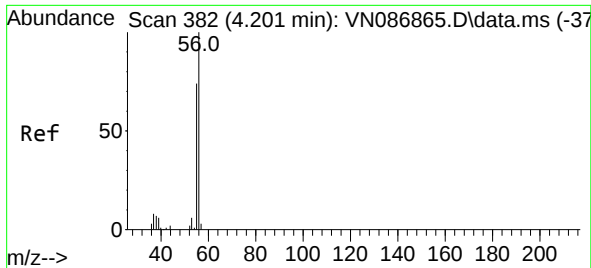


#12
1,1-Dichloroethene
Concen: 19.125 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.012 min
Lab File: VN087020.D
Acq: 16 Jun 2025 11:04



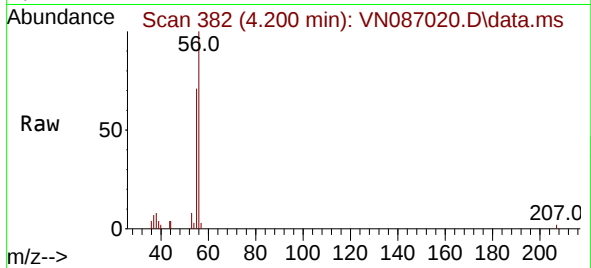
Tgt Ion: 96 Resp: 42250
Ion Ratio Lower Upper
96 100
61 151.2 125.8 188.6
98 65.6 52.5 78.7





#13
Acrolein
Concen: 115.934 ug/l
RT: 4.200 min Scan# 382
Delta R.T. -0.000 min
Lab File: VN087020.D
Acq: 16 Jun 2025 11:04

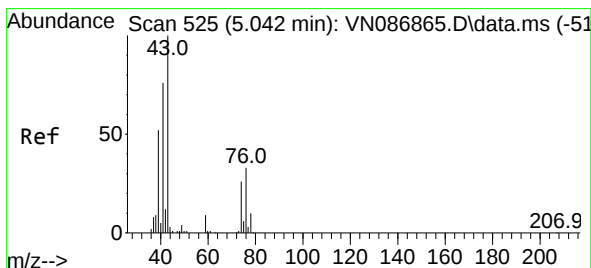
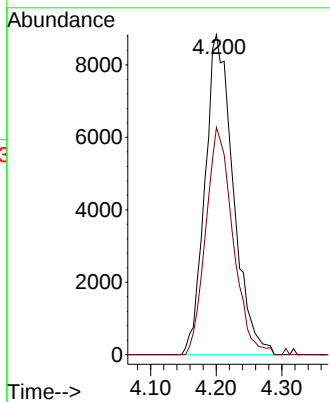
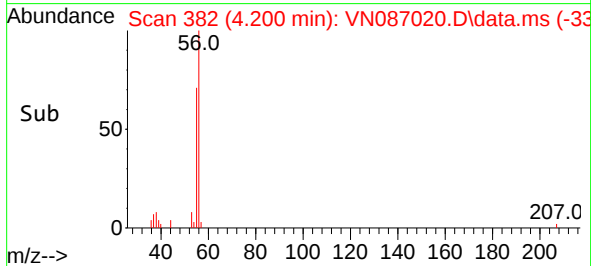
Instrument :
MSVOA_N
ClientSampleId :
VN0616WBS01



Tgt Ion: 56 Resp: 2646
Ion Ratio Lower Upper
56 100
55 68.2 55.6 83.4

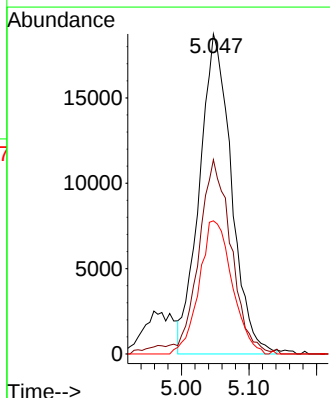
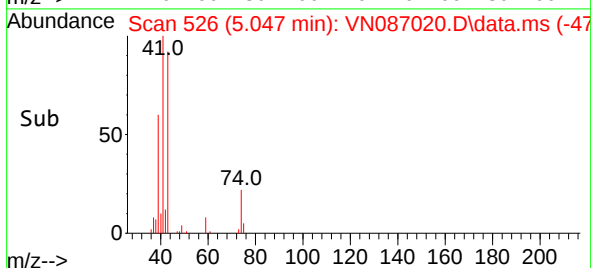
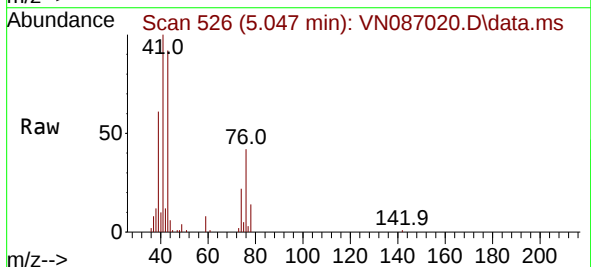
Manual Integrations
APPROVED

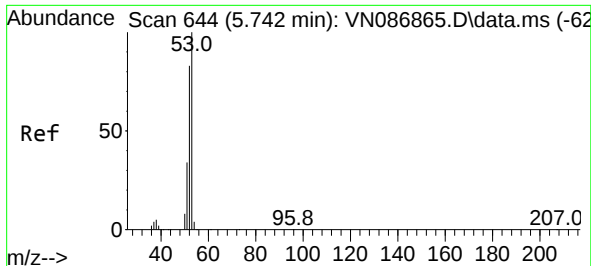
Reviewed By :John Carlone 06/17/2025
Supervised By :Semsettin Yesilyurt 06/17/2025



#14
Allyl chloride
Concen: 16.810 ug/l m
RT: 5.047 min Scan# 526
Delta R.T. 0.006 min
Lab File: VN087020.D
Acq: 16 Jun 2025 11:04

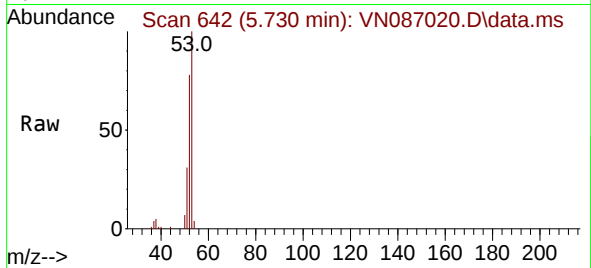
Tgt Ion: 41 Resp: 61587
Ion Ratio Lower Upper
41 100
39 63.6 51.3 76.9
76 42.9 31.4 47.0





#15
Acrylonitrile
Concen: 85.376 ug/l
RT: 5.730 min Scan# 644
Delta R.T. -0.012 min
Lab File: VN087020.D
Acq: 16 Jun 2025 11:04

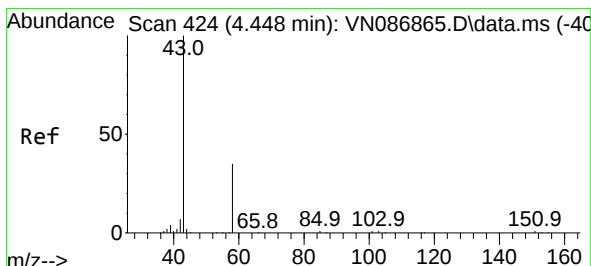
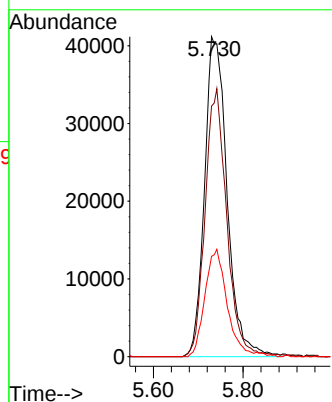
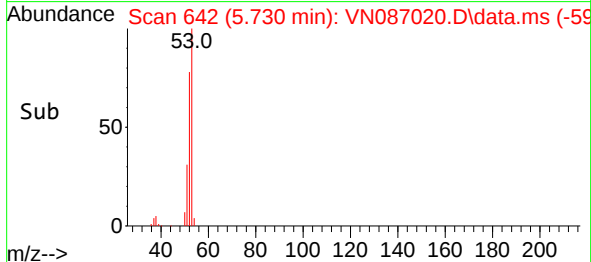
Instrument :
MSVOA_N
ClientSampleId :
VN0616WBS01



Tgt Ion: 53 Resp: 14389
Ion Ratio Lower Upper
53 100
52 80.3 65.0 97.6
51 33.4 27.2 40.8

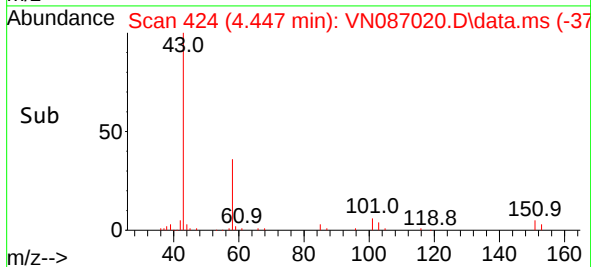
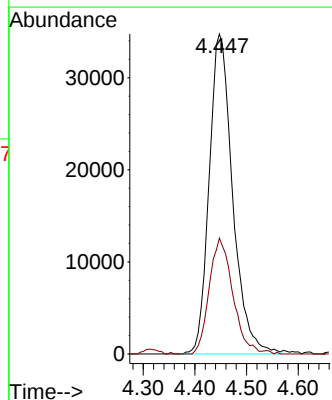
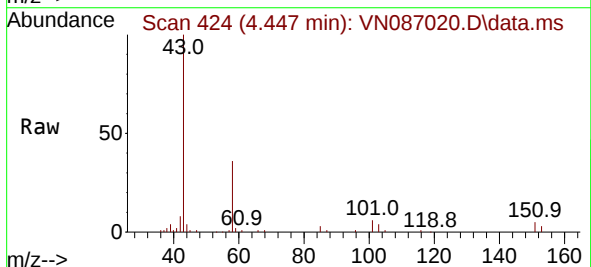
Manual Integrations
APPROVED

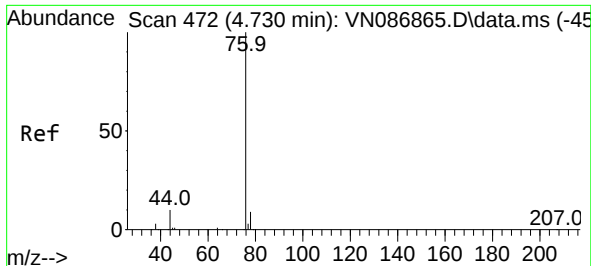
Reviewed By :John Carlone 06/17/2025
Supervised By :Semsettin Yesilyurt 06/17/2025



#16
Acetone
Concen: 77.749 ug/l
RT: 4.447 min Scan# 424
Delta R.T. -0.000 min
Lab File: VN087020.D
Acq: 16 Jun 2025 11:04

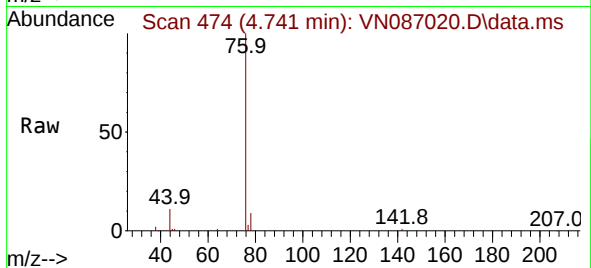
Tgt Ion: 43 Resp: 109568
Ion Ratio Lower Upper
43 100
58 36.2 28.0 42.0





#17
Carbon Disulfide
Concen: 20.816 ug/l
RT: 4.741 min Scan# 473
Delta R.T. 0.012 min
Lab File: VN087020.D
Acq: 16 Jun 2025 11:04

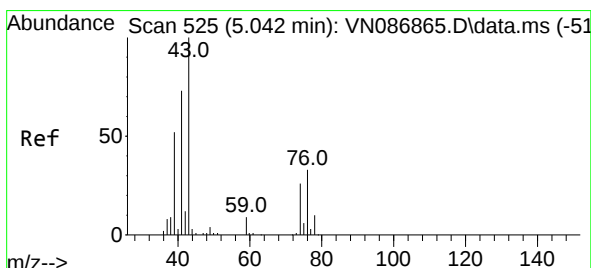
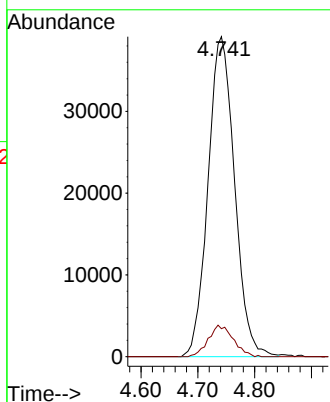
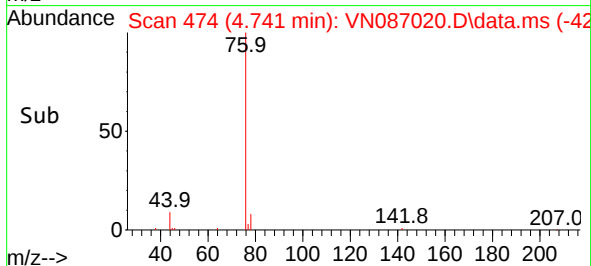
Instrument :
MSVOA_N
ClientSampleId :
VN0616WBS01



Tgt Ion: 76 Resp: 127198
Ion Ratio Lower Upper
76 100
78 8.7 7.3 10.9

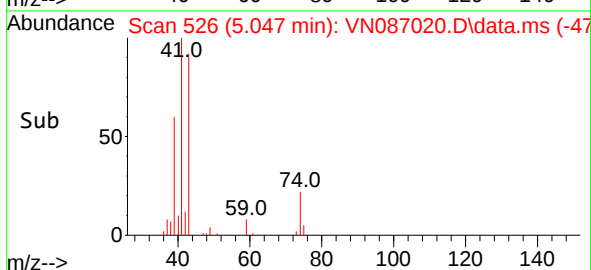
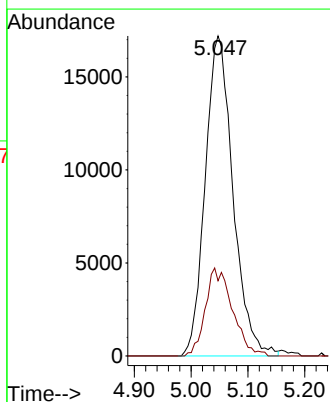
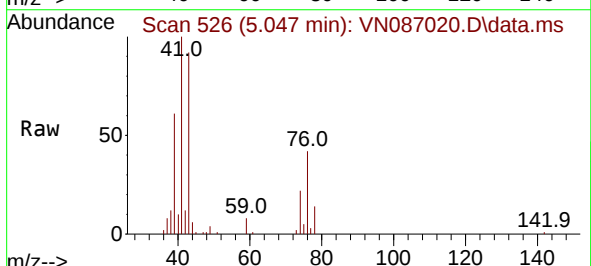
Manual Integrations
APPROVED

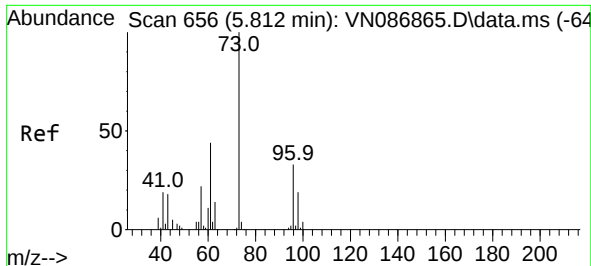
Reviewed By :John Carlone 06/17/2025
Supervised By :Semsettin Yesilyurt 06/17/2025



#18
Methyl Acetate
Concen: 14.223 ug/l
RT: 5.047 min Scan# 526
Delta R.T. 0.006 min
Lab File: VN087020.D
Acq: 16 Jun 2025 11:04

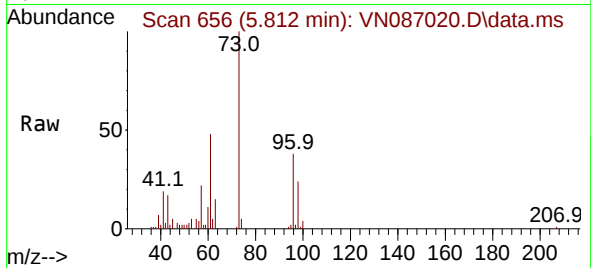
Tgt Ion: 43 Resp: 58410
Ion Ratio Lower Upper
43 100
74 26.8 20.7 31.1





#19
Methyl tert-butyl Ether
Concen: 17.758 ug/l
RT: 5.812 min Scan# 612
Delta R.T. -0.000 min
Lab File: VN087020.D
Acq: 16 Jun 2025 11:04

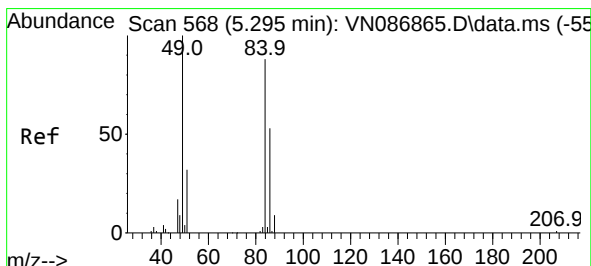
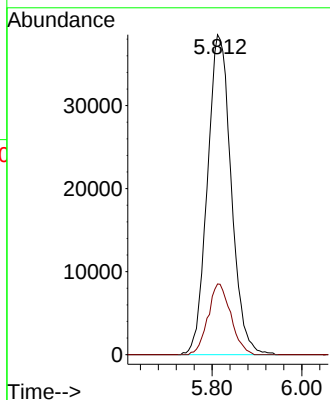
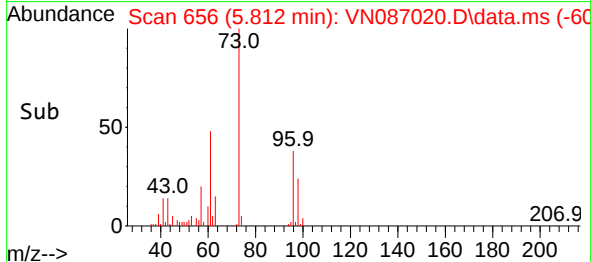
Instrument :
MSVOA_N
ClientSampleId :
VN0616WBS01



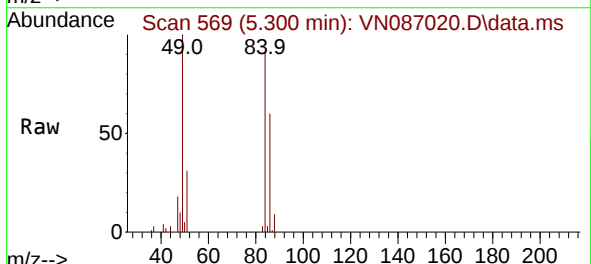
Tgt Ion: 73 Resp: 14204
Ion Ratio Lower Upper
73 100
57 22.1 17.4 26.2

Manual Integrations
APPROVED

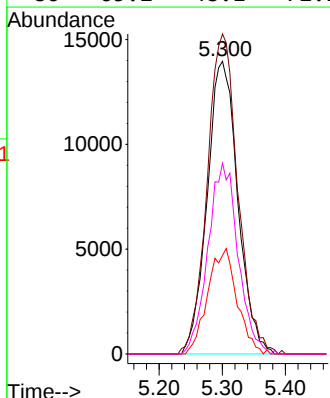
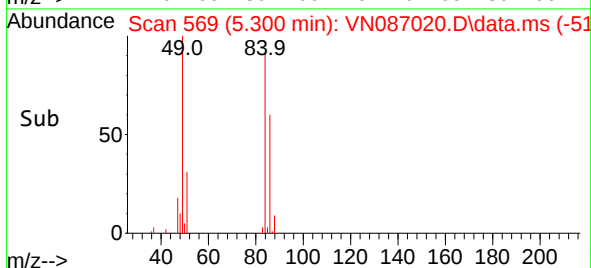
Reviewed By :John Carlone 06/17/2025
Supervised By :Semsettin Yesilyurt 06/17/2025

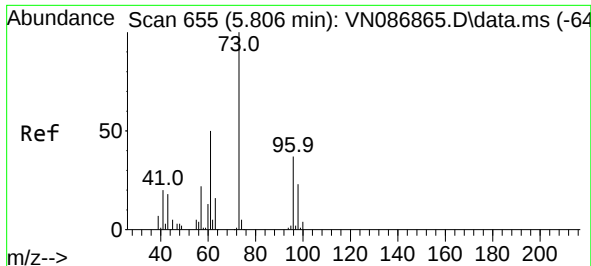


#20
Methylene Chloride
Concen: 17.833 ug/l
RT: 5.300 min Scan# 569
Delta R.T. 0.006 min
Lab File: VN087020.D
Acq: 16 Jun 2025 11:04



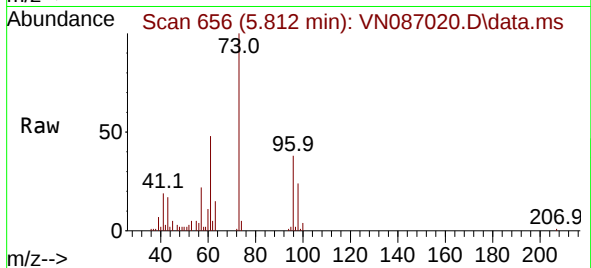
Tgt Ion: 84 Resp: 47051
Ion Ratio Lower Upper
84 100
49 109.3 90.5 135.7
51 33.7 28.5 42.7
86 65.2 48.1 72.1





#21
trans-1,2-Dichloroethene
Concen: 18.900 ug/l
RT: 5.812 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN087020.D
Acq: 16 Jun 2025 11:04

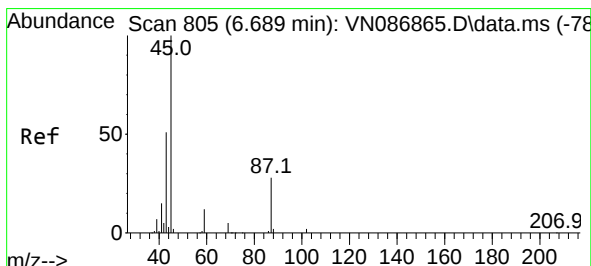
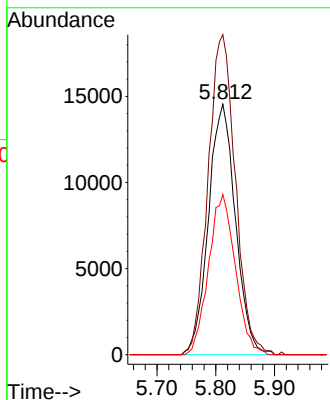
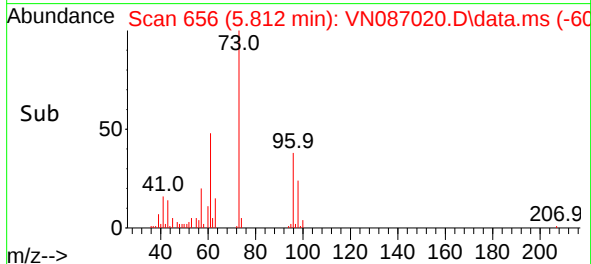
Instrument :
MSVOA_N
ClientSampleId :
VN0616WBS01



Tgt Ion: 96 Resp: 46452
Ion Ratio Lower Upper
96 100
61 127.7 109.2 163.8
98 63.9 49.8 74.8

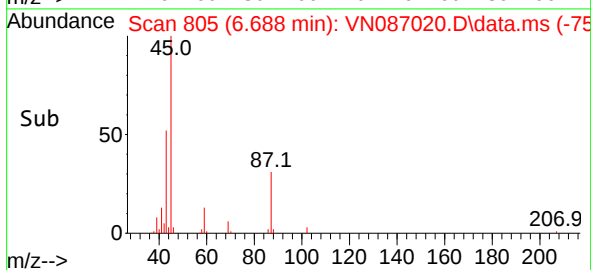
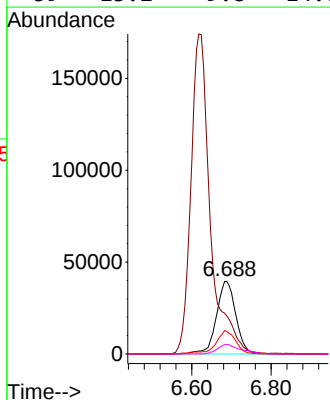
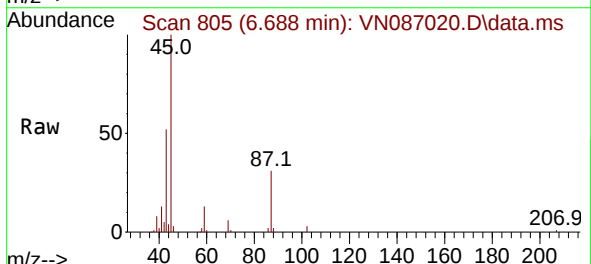
Manual Integrations
APPROVED

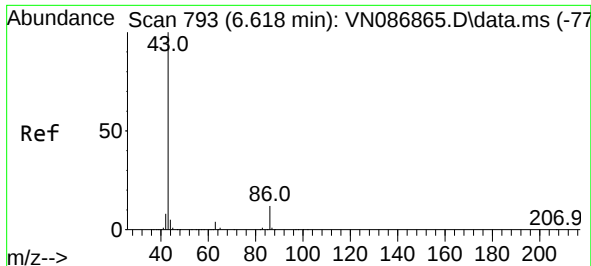
Reviewed By :John Carlone 06/17/2025
Supervised By :Semsettin Yesilyurt 06/17/2025



#22
Diisopropyl ether
Concen: 17.373 ug/l
RT: 6.688 min Scan# 805
Delta R.T. -0.000 min
Lab File: VN087020.D
Acq: 16 Jun 2025 11:04

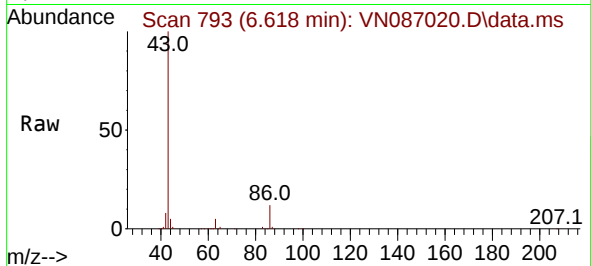
Tgt Ion: 45 Resp: 134171
Ion Ratio Lower Upper
45 100
43 51.6 41.9 62.9
87 30.8 22.4 33.6
59 13.2 9.8 14.6





#23
 Vinyl Acetate
 Concen: 90.198 ug/l
 RT: 6.618 min Scan# 793
 Delta R.T. -0.000 min
 Lab File: VN087020.D
 Acq: 16 Jun 2025 11:04

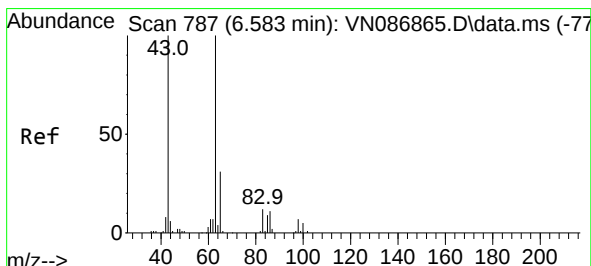
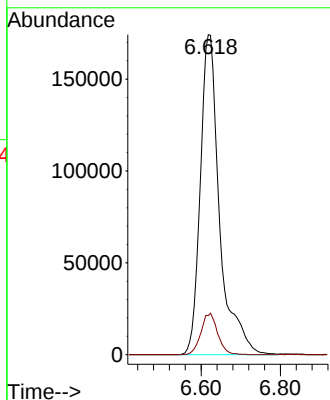
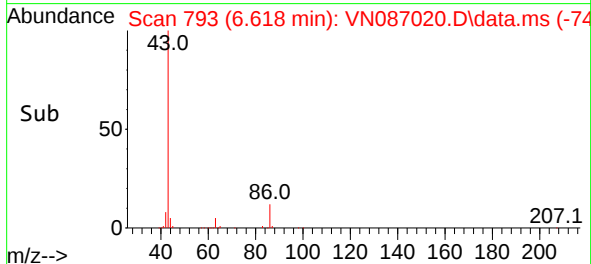
Instrument :
 MSVOA_N
 Client Sample Id :
 VN0616WBS01



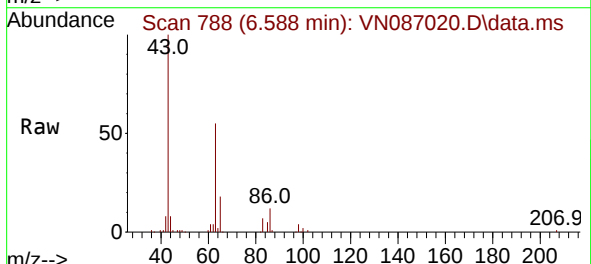
Tgt Ion: 43 Resp: 588534
 Ion Ratio Lower Upper
 43 100
 86 12.2 9.5 14.3

Manual Integrations
 APPROVED

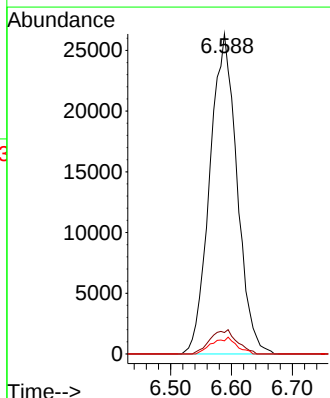
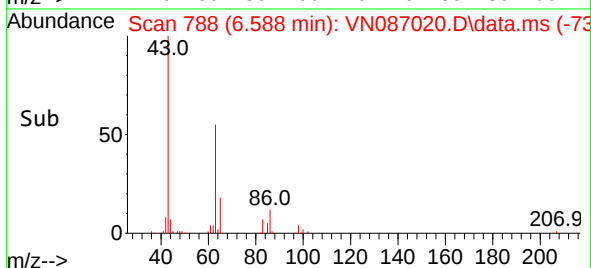
Reviewed By :John Carlone 06/17/2025
 Supervised By :Semsettin Yesilyurt 06/17/2025

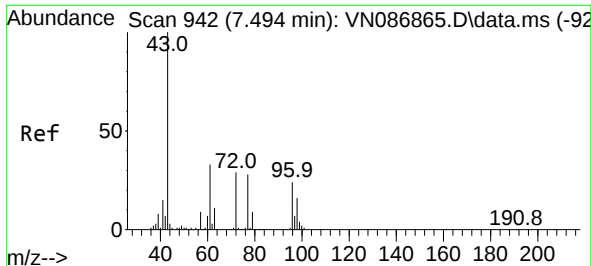


#24
 1,1-Dichloroethane
 Concen: 18.404 ug/l
 RT: 6.588 min Scan# 788
 Delta R.T. 0.006 min
 Lab File: VN087020.D
 Acq: 16 Jun 2025 11:04



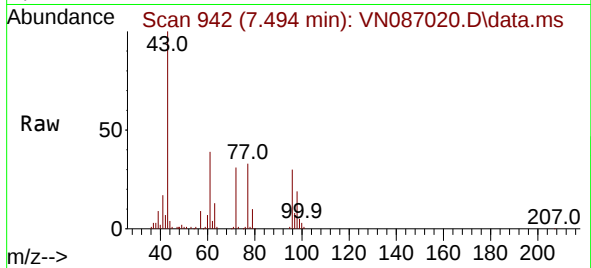
Tgt Ion: 63 Resp: 81795
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.6 10.8
 100 4.1 2.6 7.8





#25
2-Butanone
Concen: 80.085 ug/l
RT: 7.494 min Scan# 942
Delta R.T. -0.000 min
Lab File: VN087020.D
Acq: 16 Jun 2025 11:04

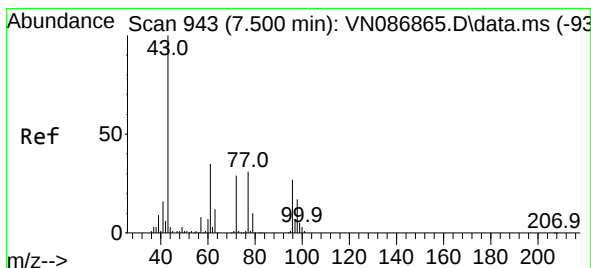
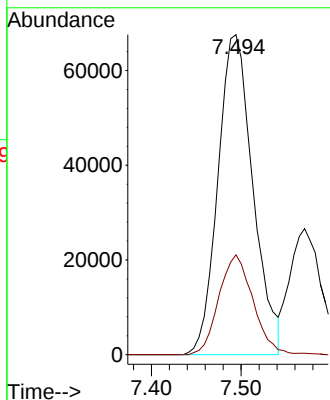
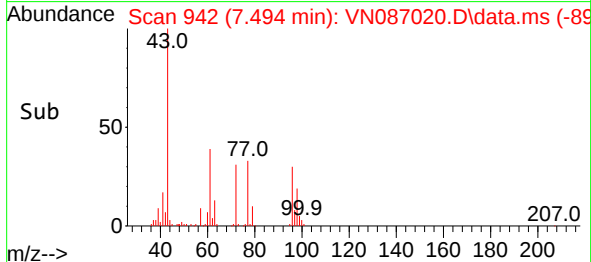
Instrument :
MSVOA_N
Client Sample Id :
VN0616WBS01



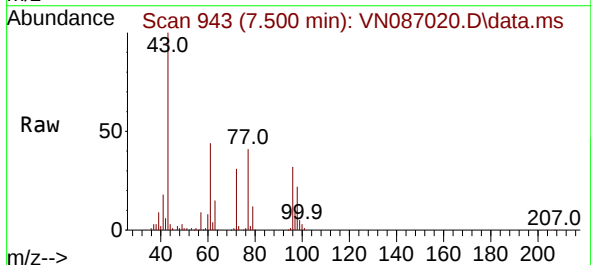
Tgt Ion: 43 Resp: 183450
Ion Ratio Lower Upper
43 100
72 31.2 23.0 34.6

Manual Integrations
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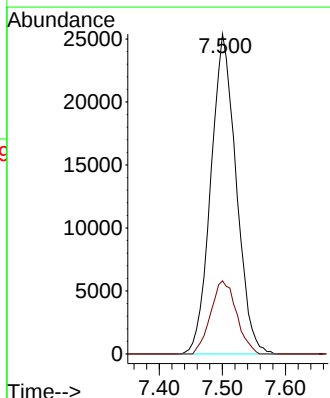
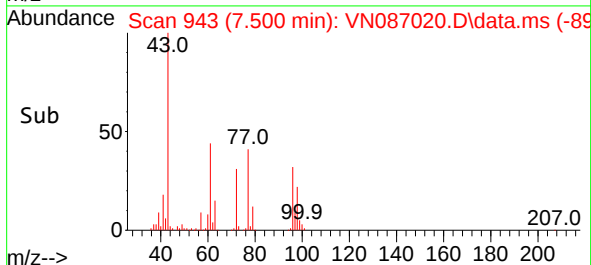
Reviewed By :John Carlone 06/17/2025
Supervised By :Semsettin Yesilyurt 06/17/2025

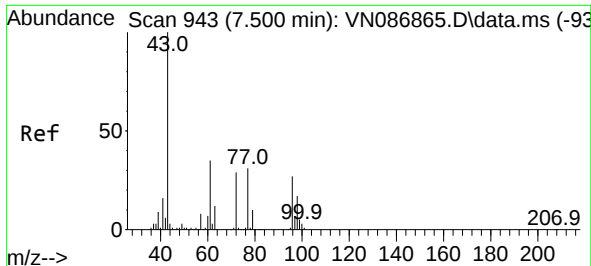


#26
2,2-Dichloropropane
Concen: 20.439 ug/l
RT: 7.500 min Scan# 943
Delta R.T. -0.000 min
Lab File: VN087020.D
Acq: 16 Jun 2025 11:04



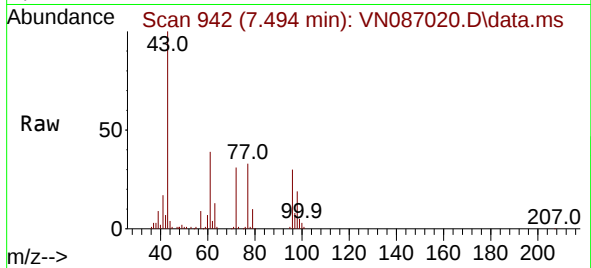
Tgt Ion: 77 Resp: 70660
Ion Ratio Lower Upper
77 100
97 23.3 11.6 34.7





#27
 cis-1,2-Dichloroethene
 Concen: 18.647 ug/l
 RT: 7.494 min Scan# 943
 Delta R.T. -0.006 min
 Lab File: VN087020.D
 Acq: 16 Jun 2025 11:04

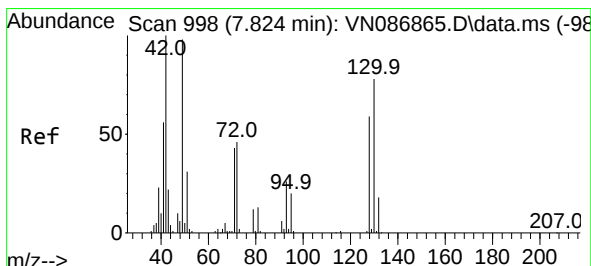
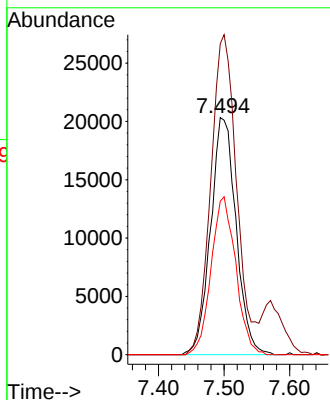
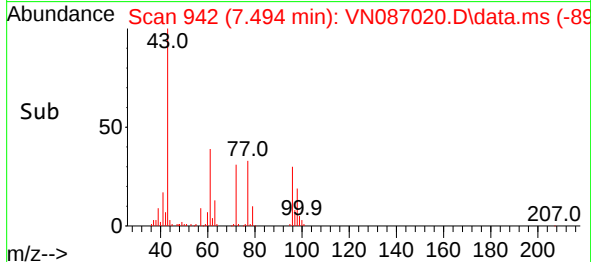
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0616WBS01



Tgt Ion: 96 Resp: 5481
 Ion Ratio Lower Upper
 96 100
 61 137.5 0.0 278.0
 98 64.5 0.0 128.2

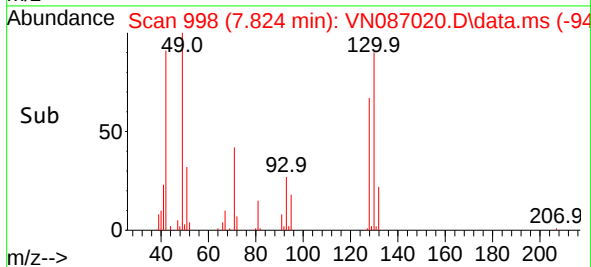
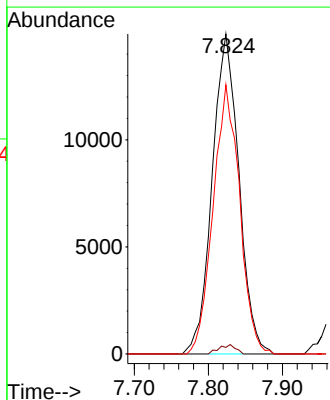
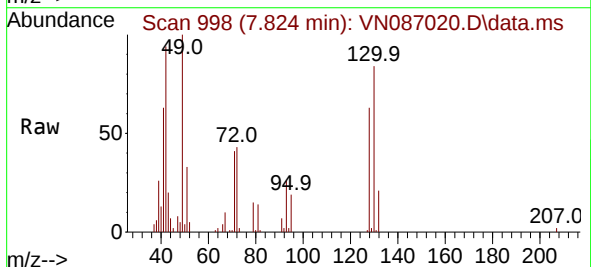
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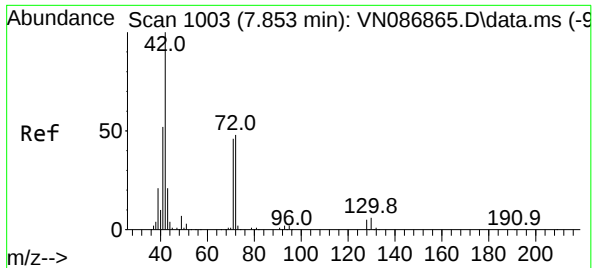
Reviewed By :John Carlone 06/17/2025
 Supervised By :Semsettin Yesilyurt 06/17/2025



#28
 Bromochloromethane
 Concen: 17.100 ug/l
 RT: 7.824 min Scan# 998
 Delta R.T. -0.000 min
 Lab File: VN087020.D
 Acq: 16 Jun 2025 11:04

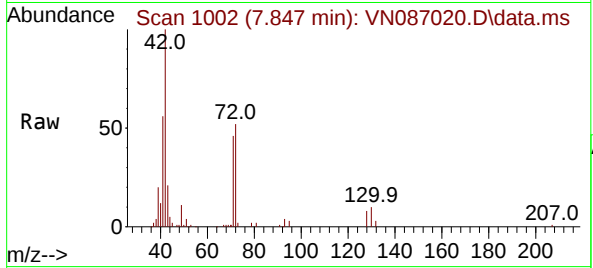
Tgt Ion: 49 Resp: 37366
 Ion Ratio Lower Upper
 49 100
 129 1.8 0.0 3.8
 130 83.4 62.2 93.2





#29
Tetrahydrofuran
Concen: 81.792 ug/l
RT: 7.847 min Scan# 1002
Delta R.T. -0.006 min
Lab File: VN087020.D
Acq: 16 Jun 2025 11:04

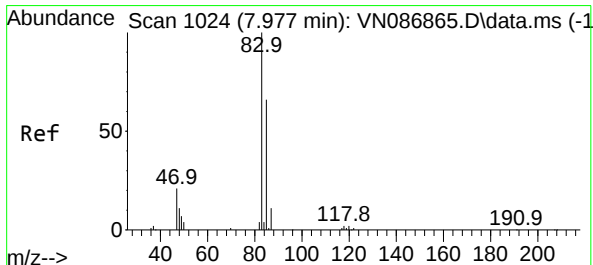
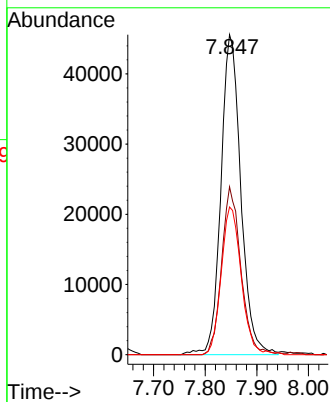
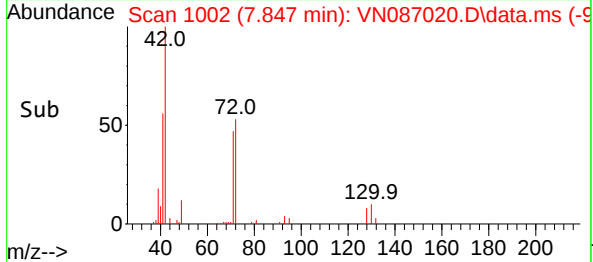
Instrument :
MSVOA_N
ClientSampleId :
VN0616WBS01



Tgt Ion: 42 Resp: 12205
Ion Ratio Lower Upper
42 100
72 50.7 37.8 56.6
71 46.5 35.6 53.4

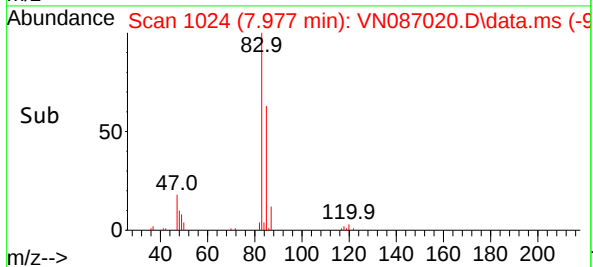
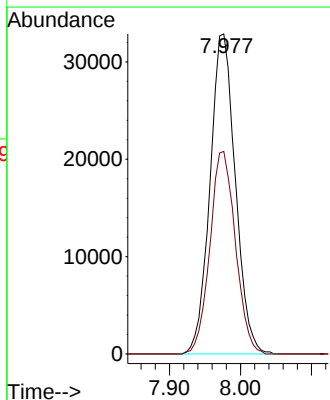
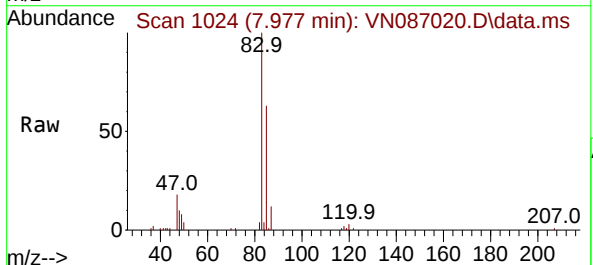
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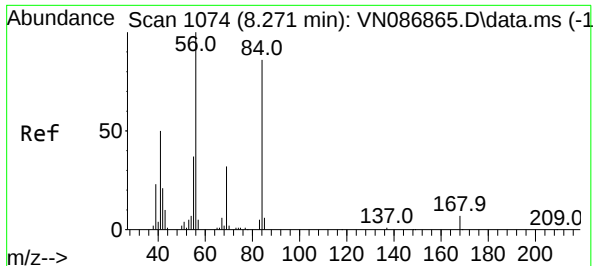
Reviewed By :John Carlone 06/17/2025
Supervised By :Semsettin Yesilyurt 06/17/2025



#30
Chloroform
Concen: 18.339 ug/l
RT: 7.977 min Scan# 1024
Delta R.T. -0.000 min
Lab File: VN087020.D
Acq: 16 Jun 2025 11:04

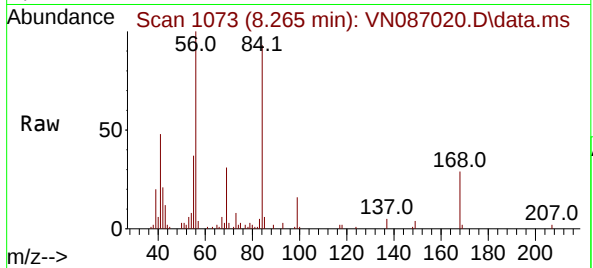
Tgt Ion: 83 Resp: 81394
Ion Ratio Lower Upper
83 100
85 63.3 52.9 79.3





#31
Cyclohexane
Concen: 17.460 ug/l
RT: 8.265 min Scan# 1073
Delta R.T. -0.006 min
Lab File: VN087020.D
Acq: 16 Jun 2025 11:04

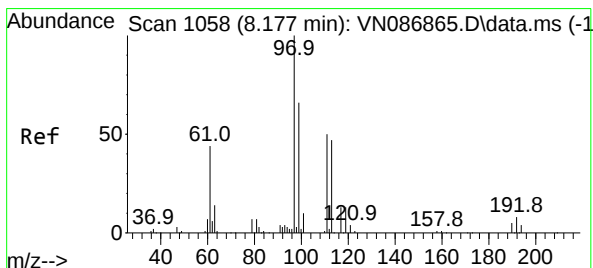
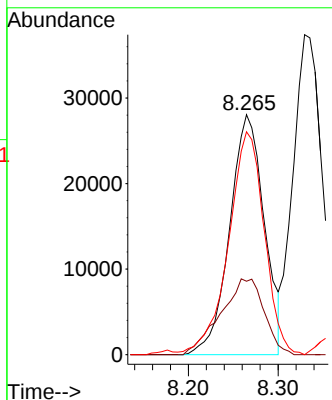
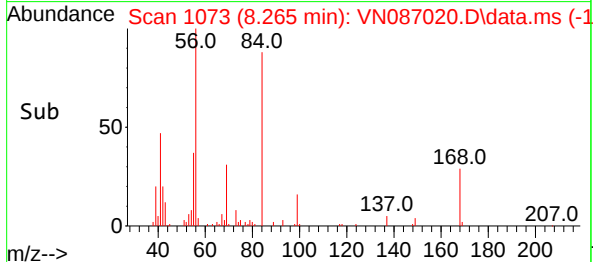
Instrument :
MSVOA_N
ClientSampleId :
VN0616WBS01



Tgt Ion: 56 Resp: 7525
Ion Ratio Lower Upper
56 100
69 30.6 25.4 38.0
84 91.8 68.8 103.2

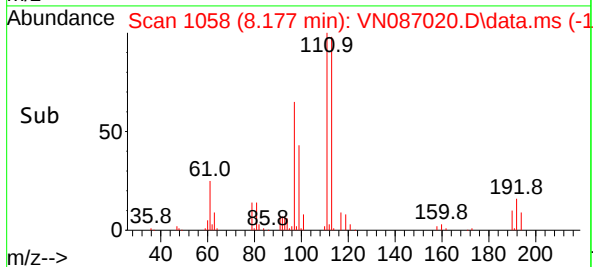
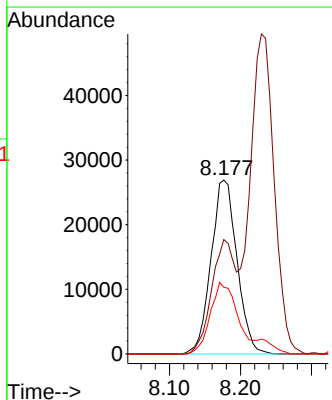
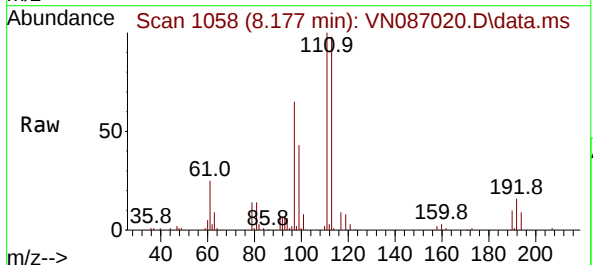
Manual Integrations
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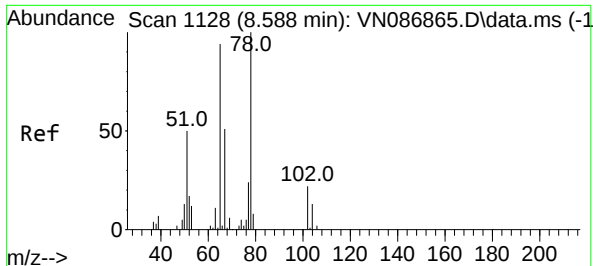
Reviewed By :John Carlone 06/17/2025
Supervised By :Semsettin Yesilyurt 06/17/2025



#32
1,1,1-Trichloroethane
Concen: 18.047 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VN087020.D
Acq: 16 Jun 2025 11:04

Tgt Ion: 97 Resp: 68126
Ion Ratio Lower Upper
97 100
99 58.7 52.0 78.0
61 44.1 35.9 53.9





#33

1,2-Dichloroethane-d4

Concen: 42.964 ug/l

RT: 8.582 min Scan# 1128

Delta R.T. -0.006 min

Lab File: VN087020.D

Acq: 16 Jun 2025 11:04

Instrument :

MSVOA_N

ClientSampleId :

VN0616WBS01

Tgt Ion: 65 Resp: 11417

Ion Ratio Lower Upper

65 100

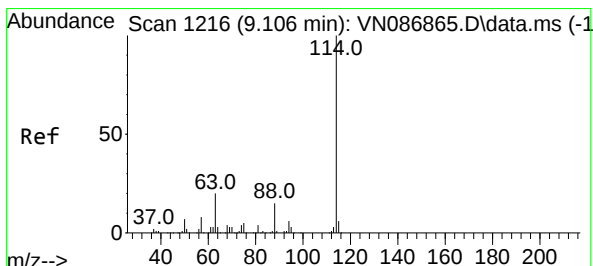
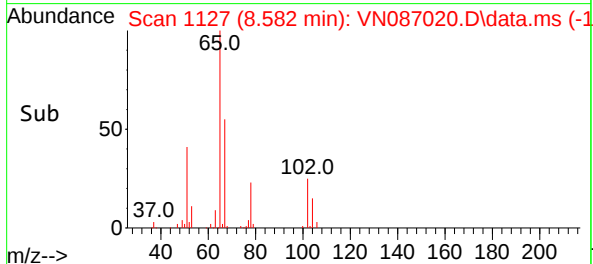
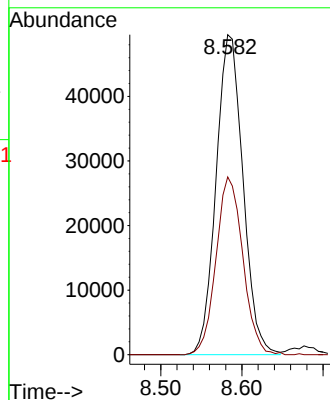
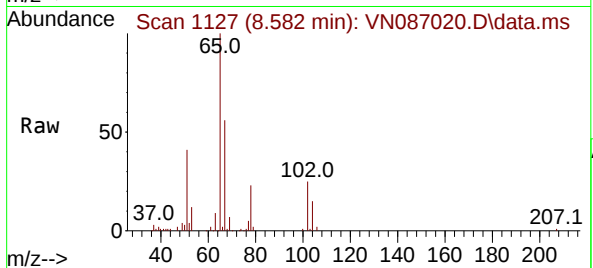
67 55.3 0.0 105.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/17/2025

Supervised By :Semsettin Yesilyurt 06/17/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. -0.000 min

Lab File: VN087020.D

Acq: 16 Jun 2025 11:04

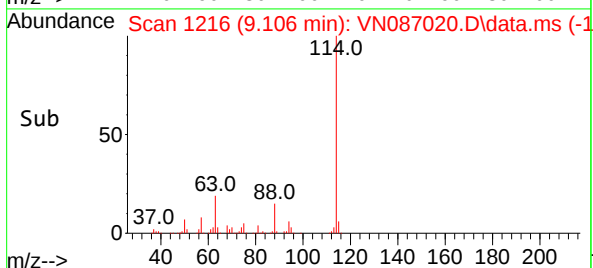
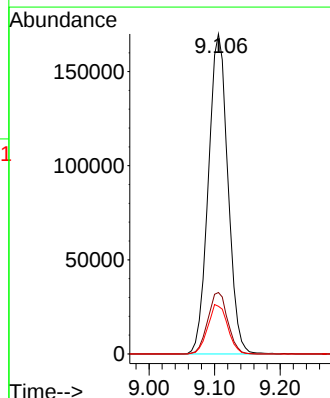
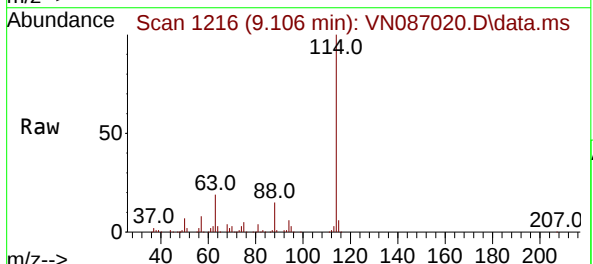
Tgt Ion:114 Resp: 351201

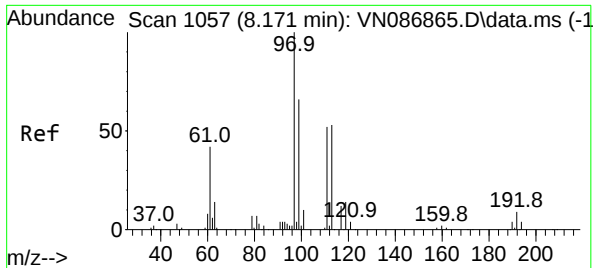
Ion Ratio Lower Upper

114 100

63 19.2 0.0 39.6

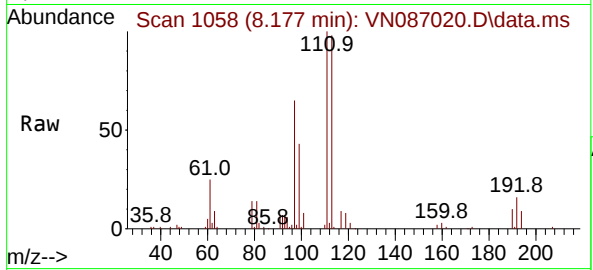
88 14.9 0.0 30.2





#35
 Dibromofluoromethane
 Concen: 47.621 ug/l
 RT: 8.177 min Scan# 1057
 Delta R.T. 0.006 min
 Lab File: VN087020.D
 Acq: 16 Jun 2025 11:04

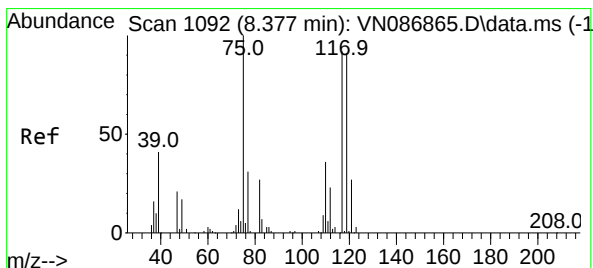
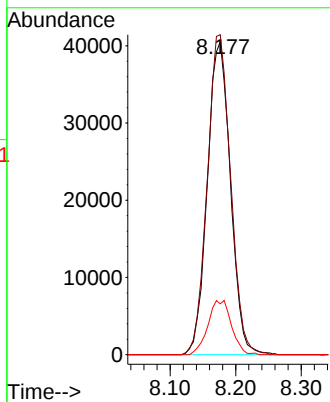
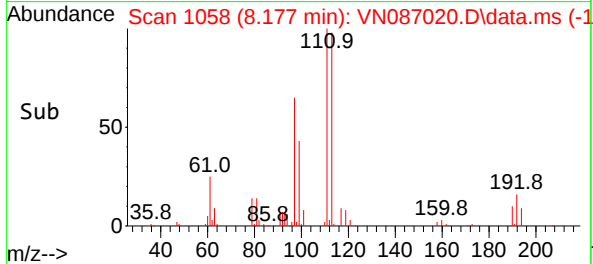
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0616WBS01



Tgt Ion: 113 Resp: 9911
 Ion Ratio Lower Upper
 113 100
 111 103.5 84.2 126.2
 192 17.7 14.2 21.4

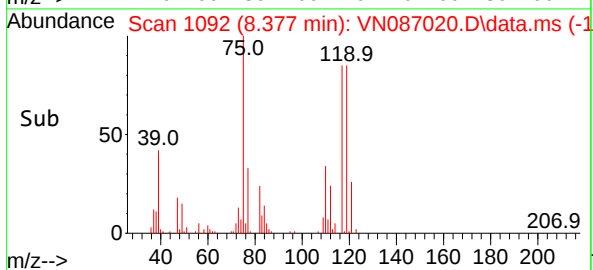
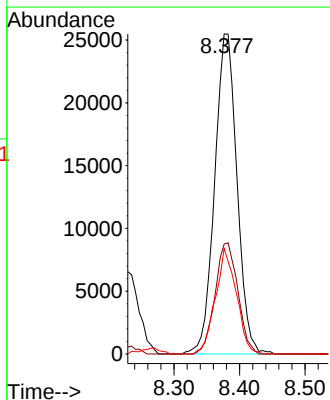
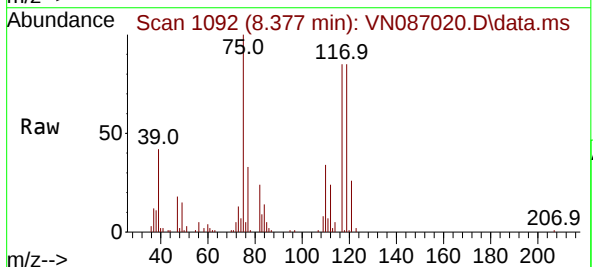
Manual Integrations
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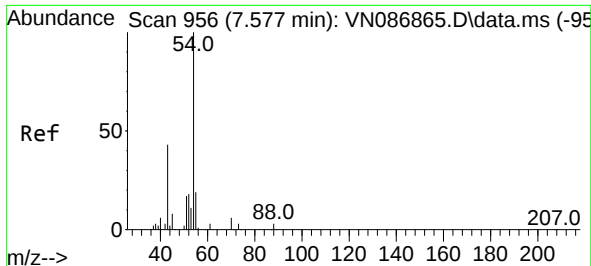
Reviewed By :John Carlone 06/17/2025
 Supervised By :Semsettin Yesilyurt 06/17/2025



#36
 1,1-Dichloropropene
 Concen: 19.421 ug/l
 RT: 8.377 min Scan# 1092
 Delta R.T. -0.000 min
 Lab File: VN087020.D
 Acq: 16 Jun 2025 11:04

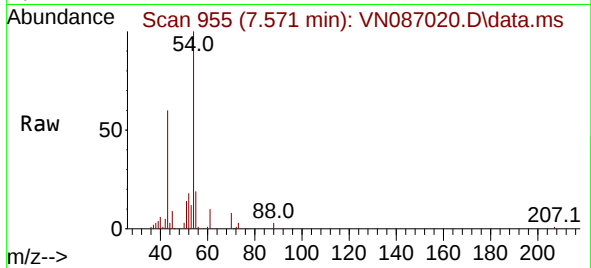
Tgt Ion: 75 Resp: 60230
 Ion Ratio Lower Upper
 75 100
 110 35.3 17.6 52.9
 77 30.9 25.3 37.9





#37
Ethyl Acetate
Concen: 17.127 ug/l
RT: 7.571 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN087020.D
Acq: 16 Jun 2025 11:04

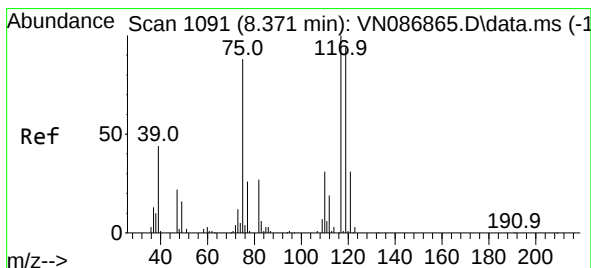
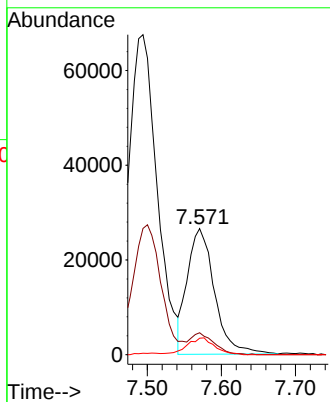
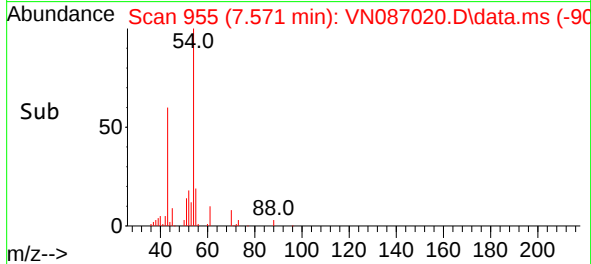
Instrument :
MSVOA_N
ClientSampleId :
VN0616WBS01



Tgt Ion: 43 Resp: 6761
Ion Ratio Lower Upper
43 100
61 14.6 12.1 18.1
70 13.6 9.8 14.6

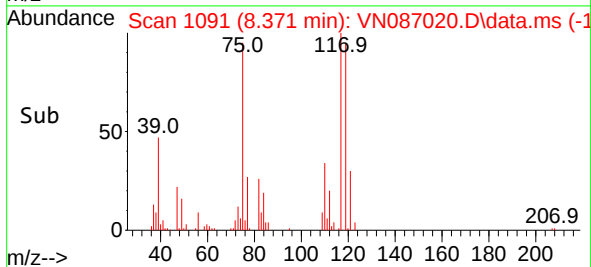
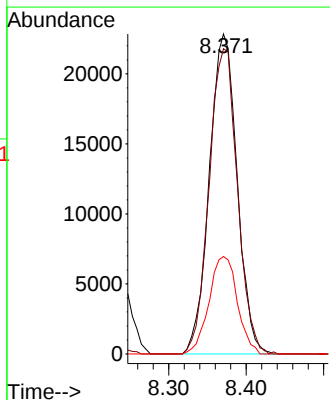
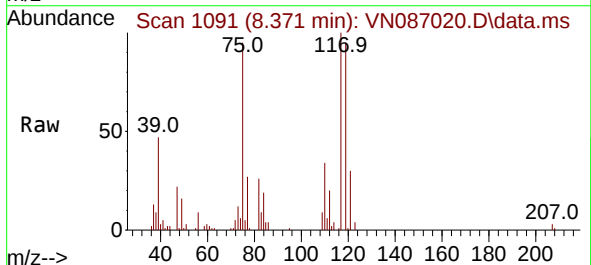
Manual Integrations
APPROVED

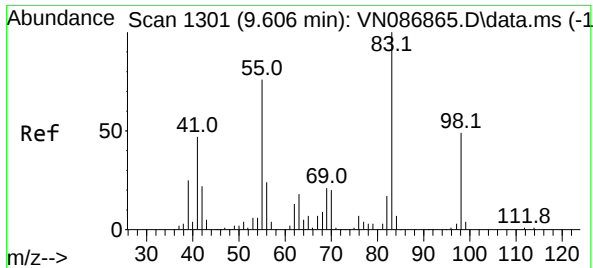
Reviewed By :John Carlone 06/17/2025
Supervised By :Semsettin Yesilyurt 06/17/2025



#38
Carbon Tetrachloride
Concen: 18.684 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.000 min
Lab File: VN087020.D
Acq: 16 Jun 2025 11:04

Tgt Ion:117 Resp: 56888
Ion Ratio Lower Upper
117 100
119 95.4 75.0 112.6
121 30.5 24.9 37.3





#39

Methylcyclohexane

Concen: 16.930 ug/l

RT: 9.606 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN087020.D

Acq: 16 Jun 2025 11:04

Instrument :

MSVOA_N

ClientSampleId :

VN0616WBS01

Tgt Ion: 83 Resp: 7193

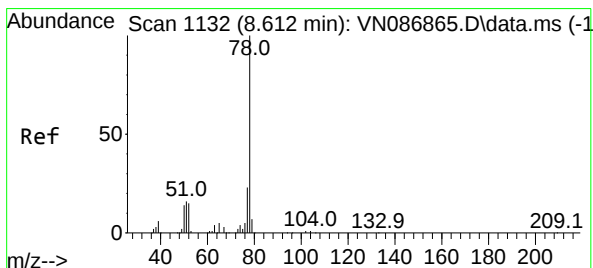
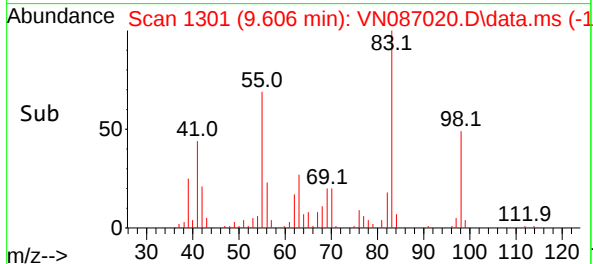
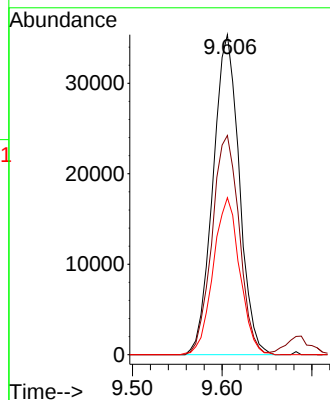
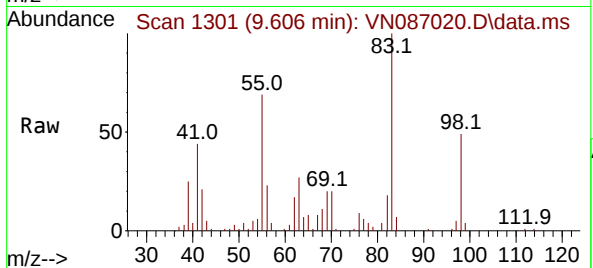
Ion	Ratio	Lower	Upper
83	100		
55	68.5	61.0	91.6
98	49.1	38.9	58.3

Manual Integrations

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Reviewed By :John Carlone 06/17/2025

Supervised By :Semsettin Yesilyurt 06/17/2025



#40

Benzene

Concen: 19.191 ug/l

RT: 8.612 min Scan# 1132

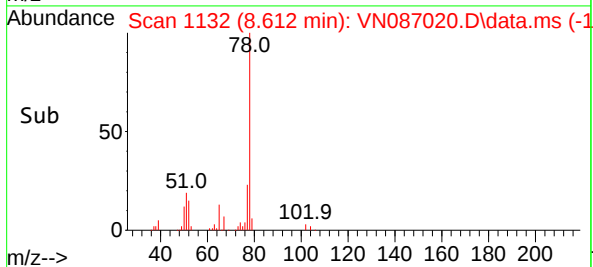
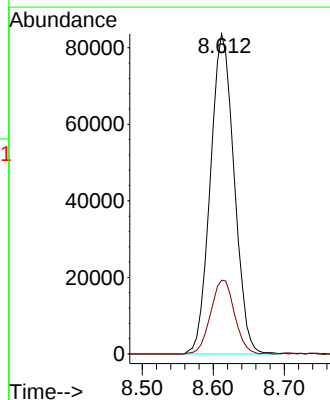
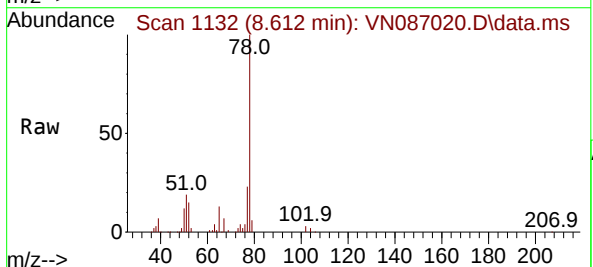
Delta R.T. -0.000 min

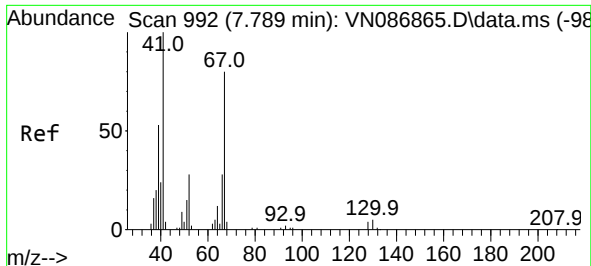
Lab File: VN087020.D

Acq: 16 Jun 2025 11:04

Tgt Ion: 78 Resp: 194623

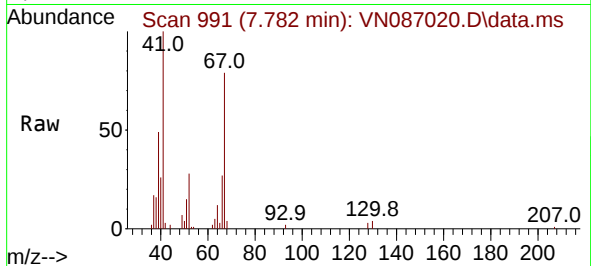
Ion	Ratio	Lower	Upper
78	100		
77	23.0	18.7	28.1





#41
Methacrylonitrile
Concen: 16.389 ug/l
RT: 7.782 min Scan# 991
Delta R.T. -0.006 min
Lab File: VN087020.D
Acq: 16 Jun 2025 11:04

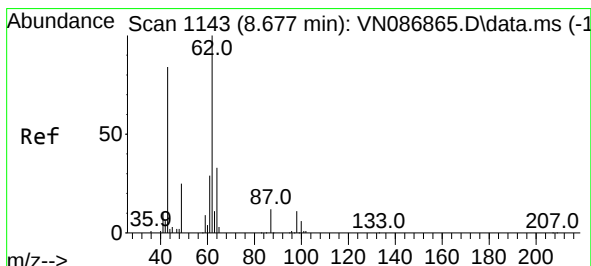
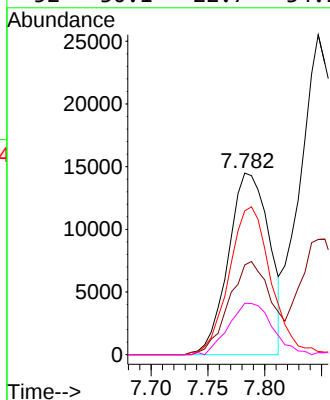
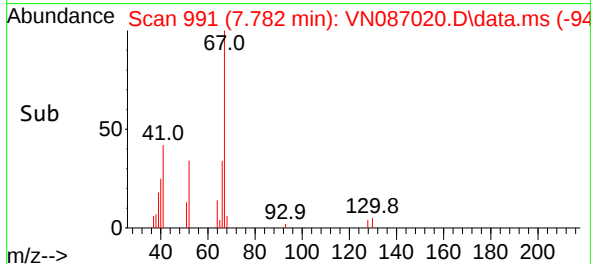
Instrument :
MSVOA_N
ClientSampleId :
VN0616WBS01



Tgt Ion: 41	Resp: 36338
Ion Ratio	Lower Upper
41 100	
39 53.5	41.2 61.8
67 83.5	61.4 92.2
52 30.1	22.7 34.1

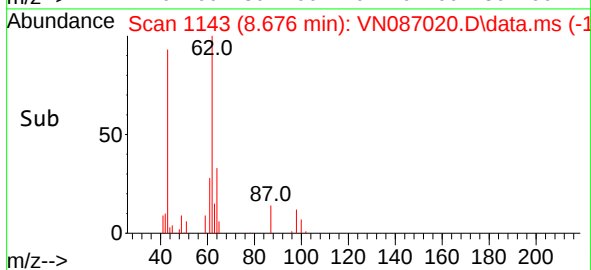
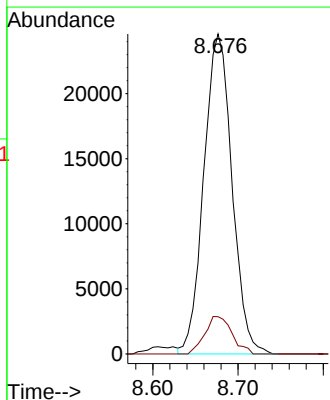
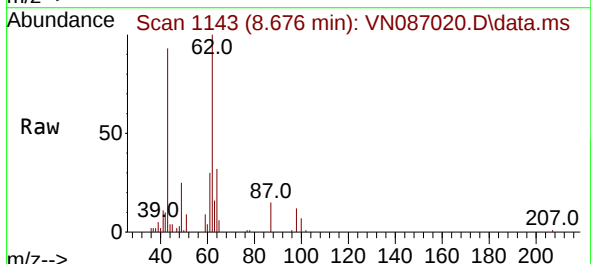
Manual Integrations
APPROVED

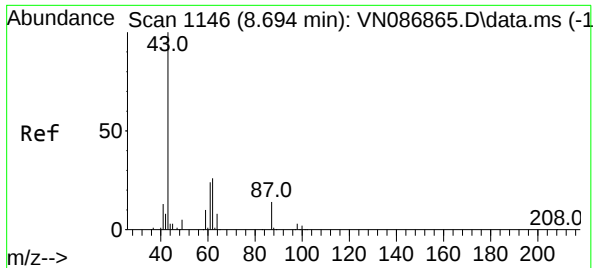
Reviewed By :John Carlone 06/17/2025
Supervised By :Semsettin Yesilyurt 06/17/2025



#42
1,2-Dichloroethane
Concen: 18.349 ug/l
RT: 8.676 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN087020.D
Acq: 16 Jun 2025 11:04

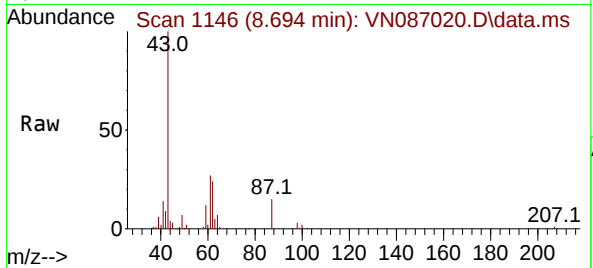
Tgt Ion: 62	Resp: 56441
Ion Ratio	Lower Upper
62 100	
98 11.3	0.0 21.2





#43
Isopropyl Acetate
Concen: 16.949 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VN087020.D
Acq: 16 Jun 2025 11:04

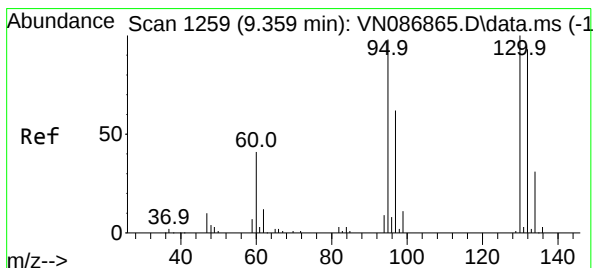
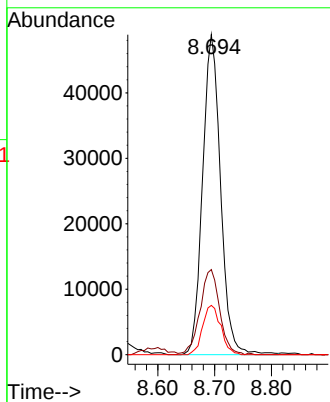
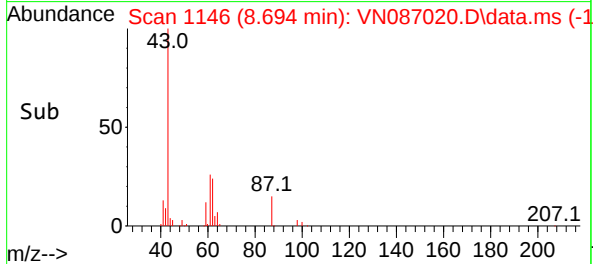
Instrument :
MSVOA_N
ClientSampleId :
VN0616WBS01



Tgt Ion: 43 Resp: 10740
Ion Ratio Lower Upper
43 100
61 29.0 22.1 33.1
87 15.5 11.8 17.6

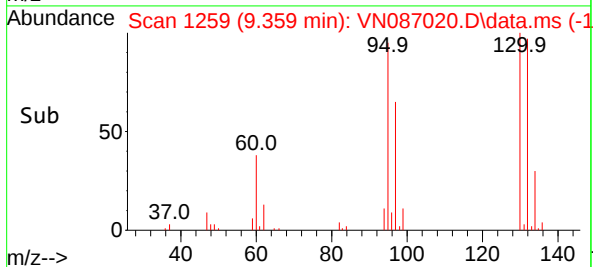
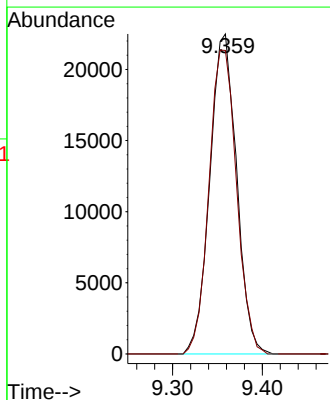
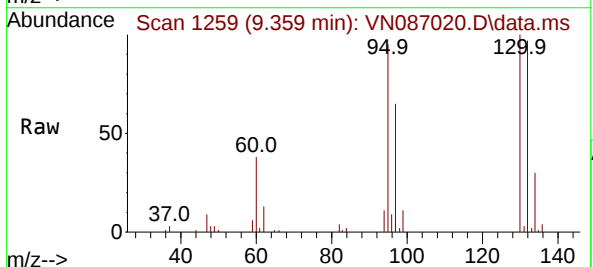
Manual Integrations
APPROVED

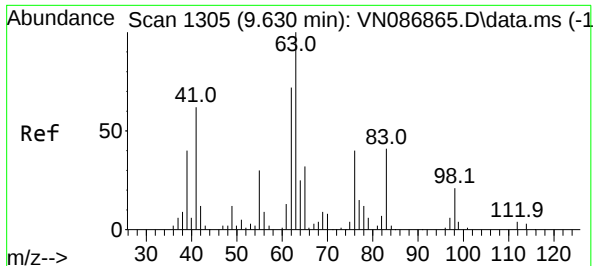
Reviewed By :John Carlone 06/17/2025
Supervised By :Semsettin Yesilyurt 06/17/2025



#44
Trichloroethene
Concen: 19.396 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VN087020.D
Acq: 16 Jun 2025 11:04

Tgt Ion:130 Resp: 46641
Ion Ratio Lower Upper
130 100
95 94.8 0.0 196.2





#45

1,2-Dichloropropane

Concen: 18.579 ug/l

RT: 9.623 min Scan# 1304

Delta R.T. -0.006 min

Lab File: VN087020.D

Acq: 16 Jun 2025 11:04

Instrument :

MSVOA_N

ClientSampleId :

VN0616WBS01

Tgt Ion: 63 Resp: 45840

Ion Ratio Lower Upper

63 100

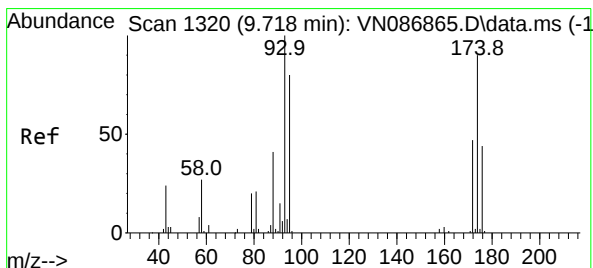
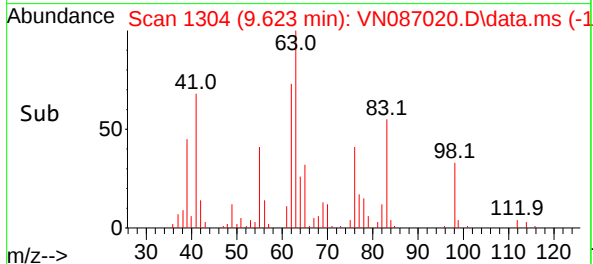
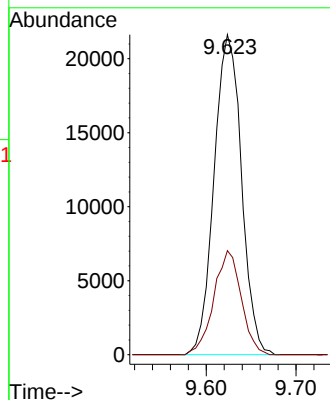
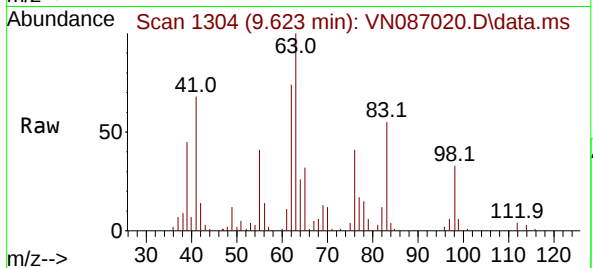
65 32.5 25.5 38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/17/2025

Supervised By :Semsettin Yesilyurt 06/17/2025



#46

Dibromomethane

Concen: 19.635 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.006 min

Lab File: VN087020.D

Acq: 16 Jun 2025 11:04

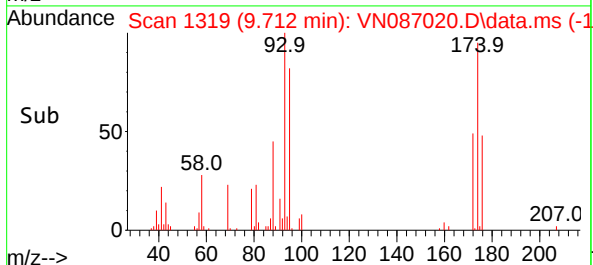
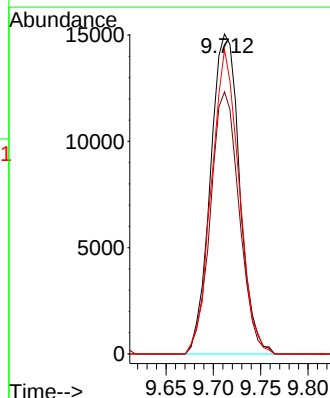
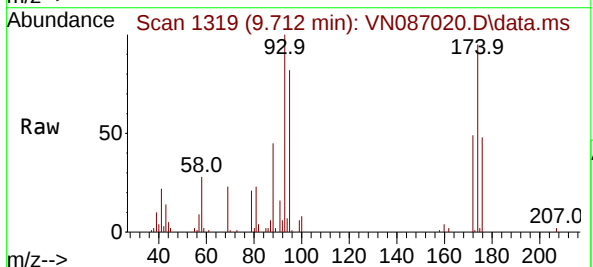
Tgt Ion: 93 Resp: 32178

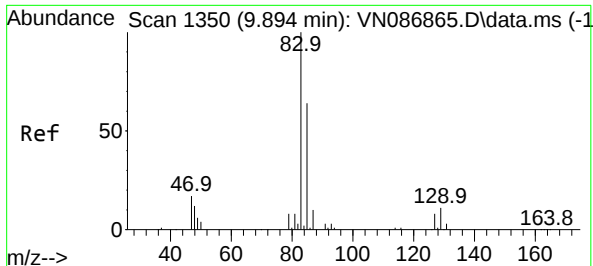
Ion Ratio Lower Upper

93 100

95 81.0 67.1 100.7

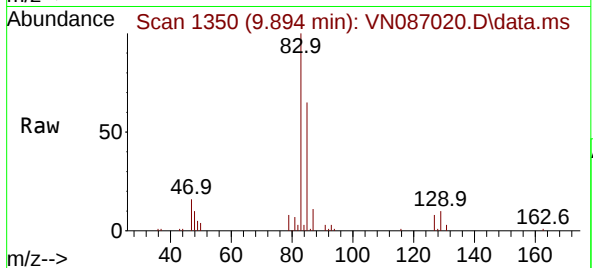
174 90.5 74.2 111.4





#47
Bromodichloromethane
Concen: 18.796 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. -0.000 min
Lab File: VN087020.D
Acq: 16 Jun 2025 11:04

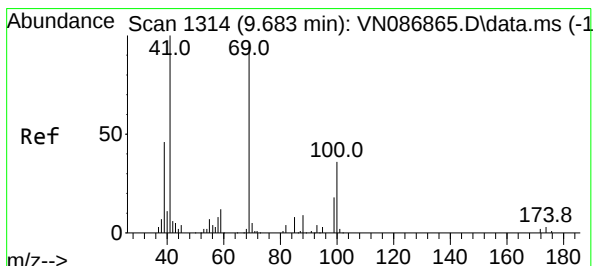
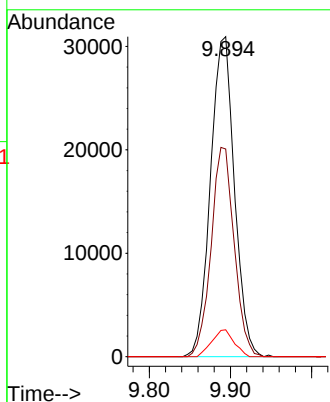
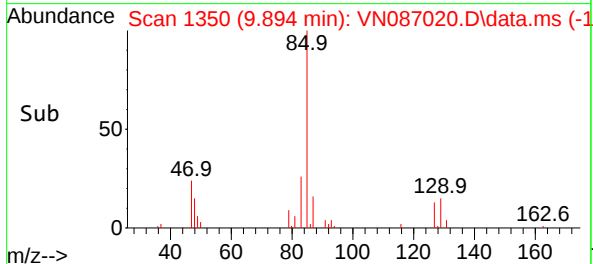
Instrument :
MSVOA_N
ClientSampleId :
VN0616WBS01



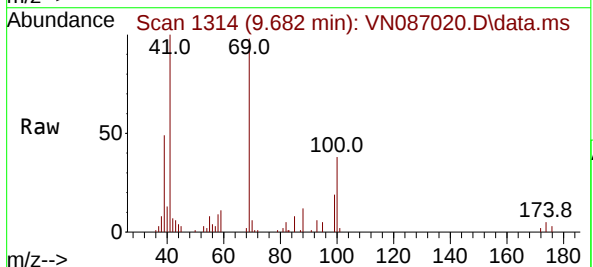
Tgt Ion: 83 Resp: 6337
Ion Ratio Lower Upper
83 100
85 64.9 50.9 76.3
127 8.4 6.6 10.0

Manual Integrations
APPROVED

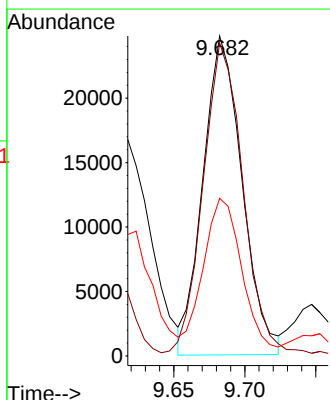
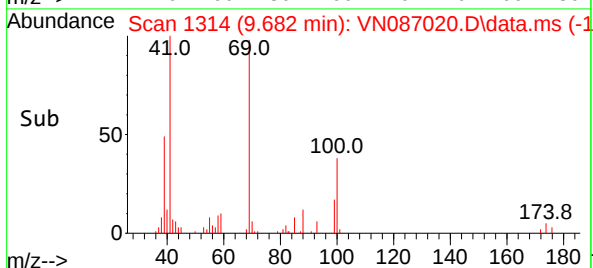
Reviewed By :John Carlone 06/17/2025
Supervised By :Semsettin Yesilyurt 06/17/2025

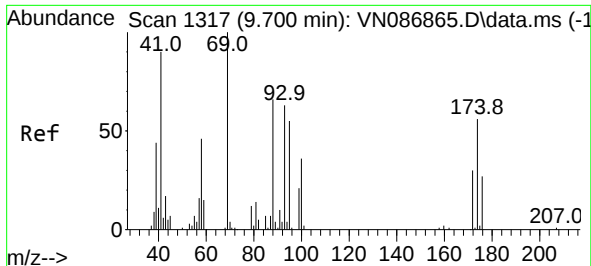


#48
Methyl methacrylate
Concen: 16.227 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VN087020.D
Acq: 16 Jun 2025 11:04



Tgt Ion: 41 Resp: 47325
Ion Ratio Lower Upper
41 100
69 101.8 74.6 112.0
39 50.3 40.2 60.4





#49

1,4-Dioxane

Concen: 357.950 ug/l

RT: 9.700 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN087020.D

Acq: 16 Jun 2025 11:04

Instrument :

MSVOA_N

ClientSampleId :

VN0616WBS01

Tgt Ion: 88 Resp: 18992

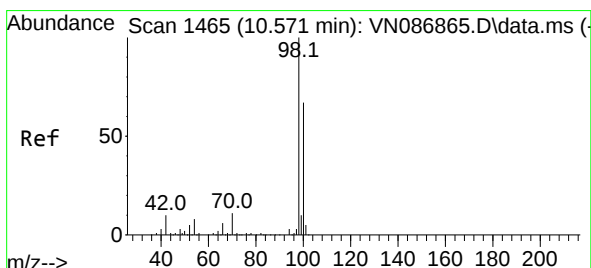
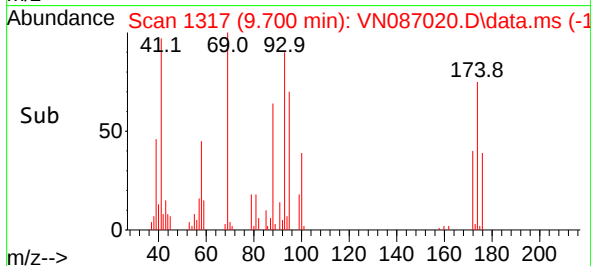
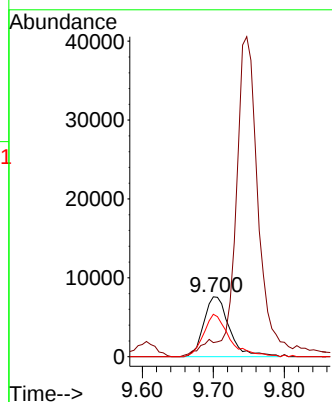
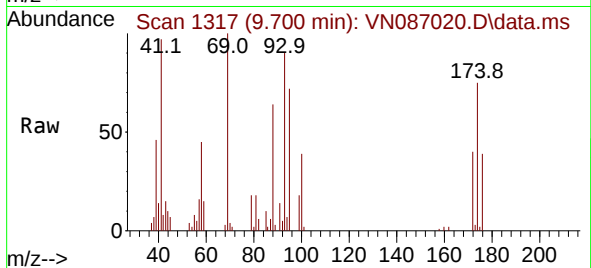
Ion	Ratio	Lower	Upper
88	100		
43	16.7	0.0	0.0
58	71.5	57.7	86.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/17/2025

Supervised By :Semsettin Yesilyurt 06/17/2025



#50

Toluene-d8

Concen: 45.439 ug/l

RT: 10.565 min Scan# 1464

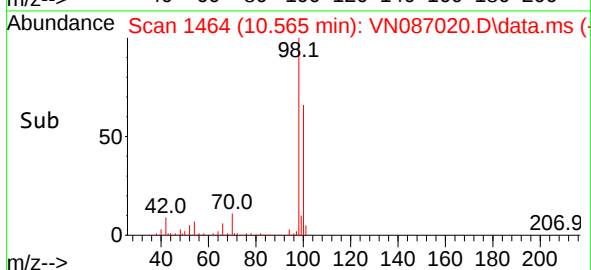
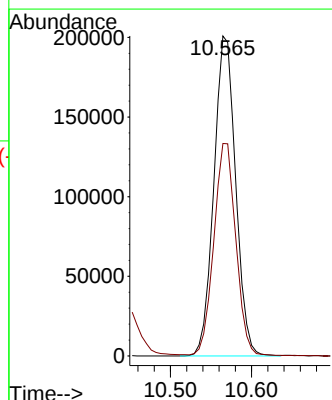
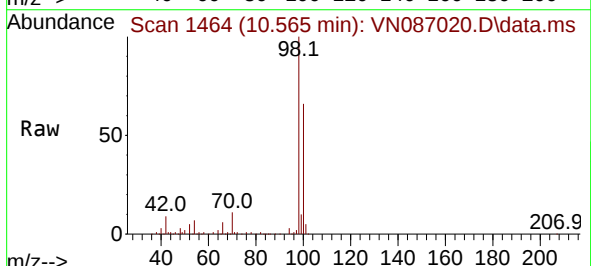
Delta R.T. -0.006 min

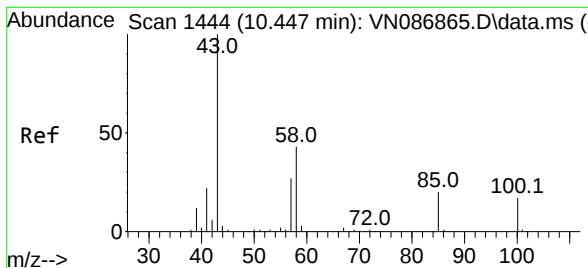
Lab File: VN087020.D

Acq: 16 Jun 2025 11:04

Tgt Ion: 98 Resp: 374388

Ion	Ratio	Lower	Upper
98	100		
100	67.5	53.4	80.0





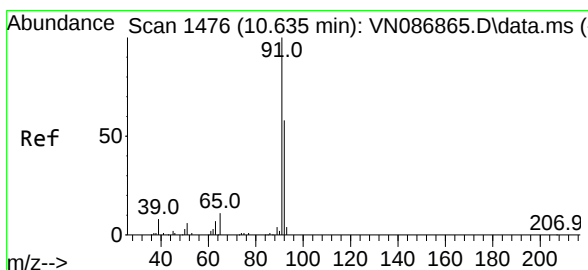
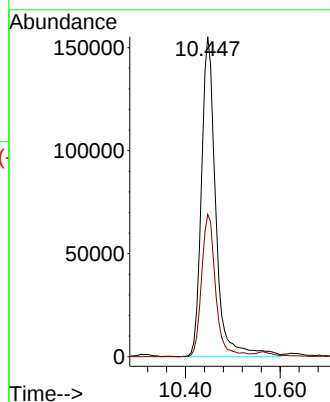
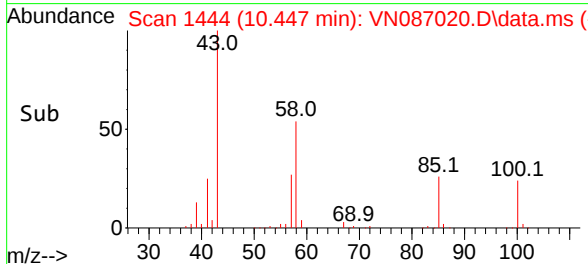
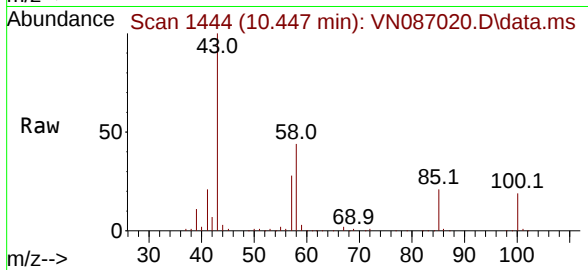
#51
4-Methyl-2-Pentanone
Concen: 85.848 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN087020.D
Acq: 16 Jun 2025 11:04

Instrument :
MSVOA_N
ClientSampleId :
VN0616WBS01

Tgt Ion: 43 Resp: 32748
Ion Ratio Lower Upper
43 100
58 43.7 34.2 51.4

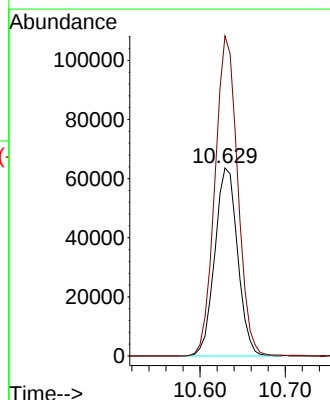
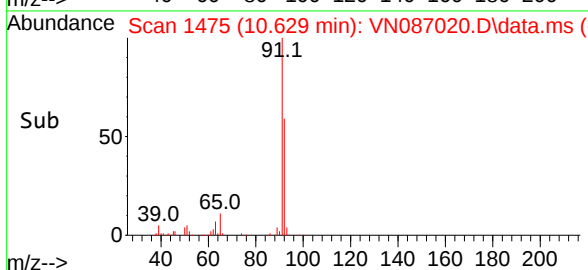
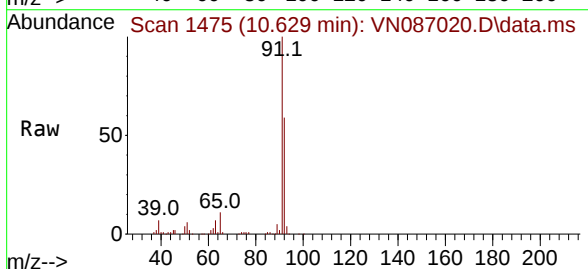
Manual Integrations
APPROVED

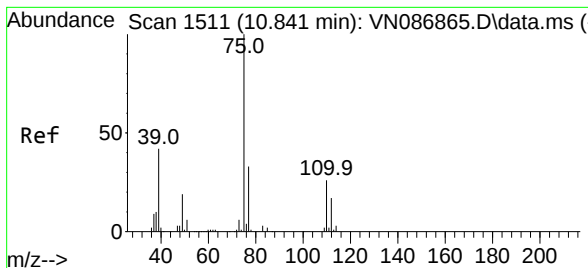
Reviewed By :John Carlone 06/17/2025
Supervised By :Semsettin Yesilyurt 06/17/2025



#52
Toluene
Concen: 19.122 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VN087020.D
Acq: 16 Jun 2025 11:04

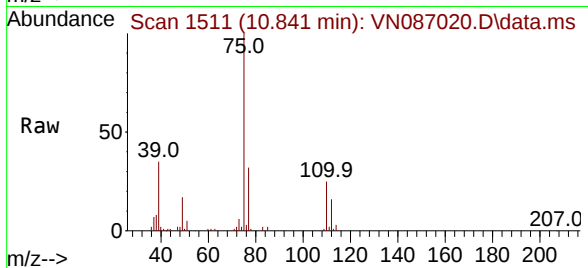
Tgt Ion: 92 Resp: 118515
Ion Ratio Lower Upper
92 100
91 169.8 136.5 204.7





#53
t-1,3-Dichloropropene
Concen: 18.799 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VN087020.D
Acq: 16 Jun 2025 11:04

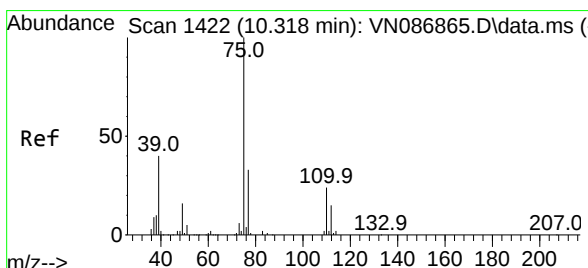
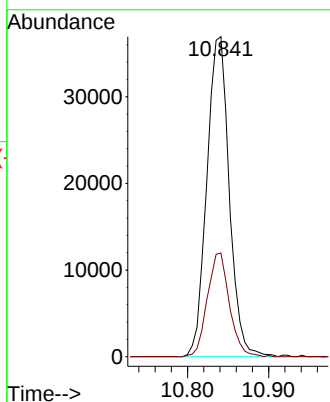
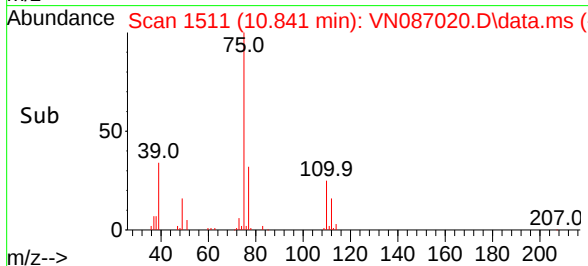
Instrument :
MSVOA_N
ClientSampleId :
VN0616WBS01



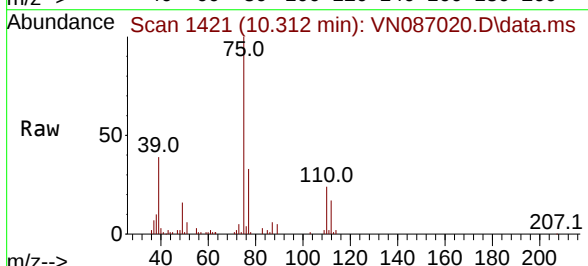
Tgt Ion: 75 Resp: 70878
Ion Ratio Lower Upper
75 100
77 32.4 26.4 39.6

Manual Integrations
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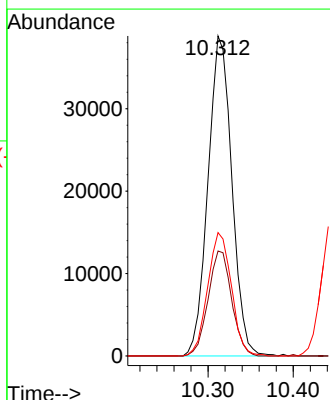
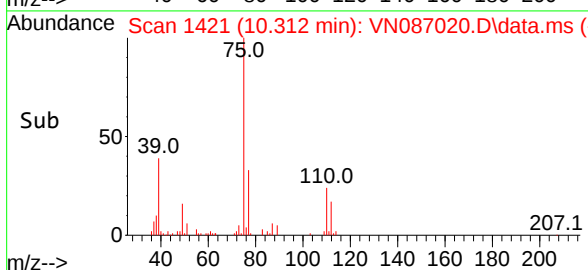
Reviewed By :John Carlone 06/17/2025
Supervised By :Semsettin Yesilyurt 06/17/2025

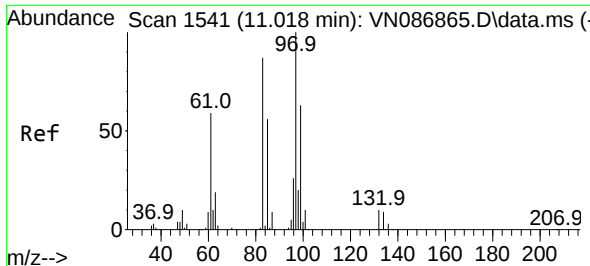


#54
cis-1,3-Dichloropropene
Concen: 18.720 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. -0.006 min
Lab File: VN087020.D
Acq: 16 Jun 2025 11:04



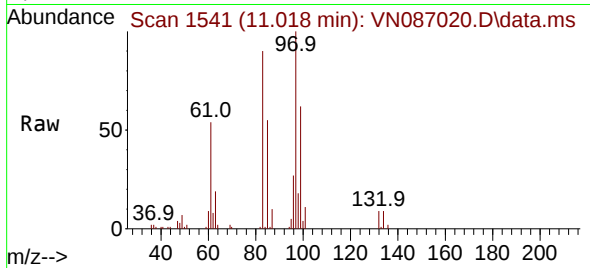
Tgt Ion: 75 Resp: 75519
Ion Ratio Lower Upper
75 100
77 32.8 26.2 39.4
39 38.6 32.3 48.5





#55
1,1,2-Trichloroethane
Concen: 18.817 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. -0.000 min
Lab File: VN087020.D
Acq: 16 Jun 2025 11:04

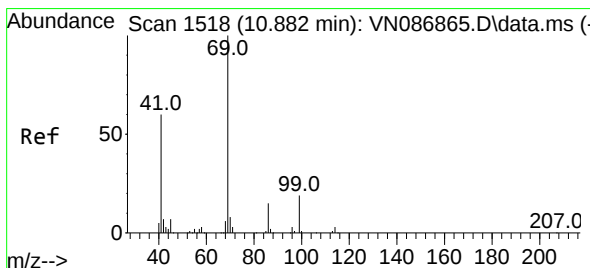
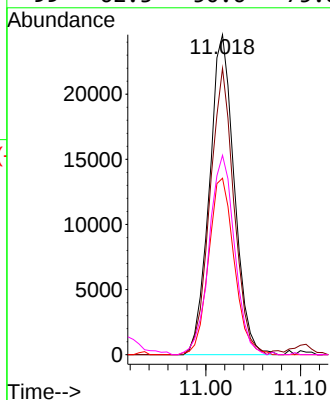
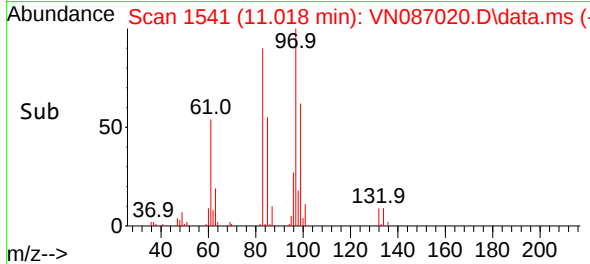
Instrument :
MSVOA_N
ClientSampleId :
VN0616WBS01



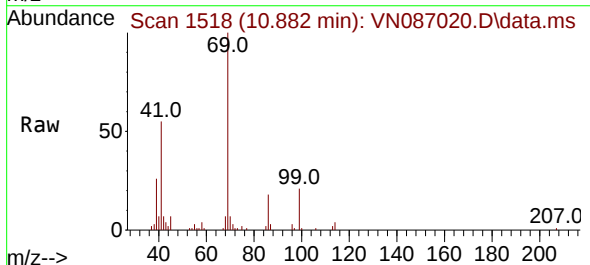
Tgt Ion:	97	Resp:	4487
Ion	Ratio	Lower	Upper
97	100		
83	89.5	69.7	104.5
85	55.1	45.1	67.7
99	62.3	50.6	75.8

Manual Integrations
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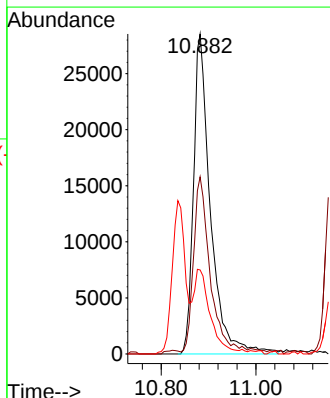
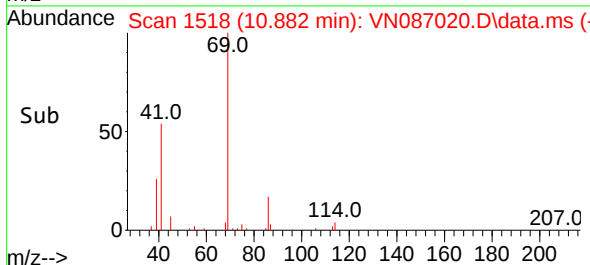
Reviewed By :John Carlone 06/17/2025
Supervised By :Semsettin Yesilyurt 06/17/2025

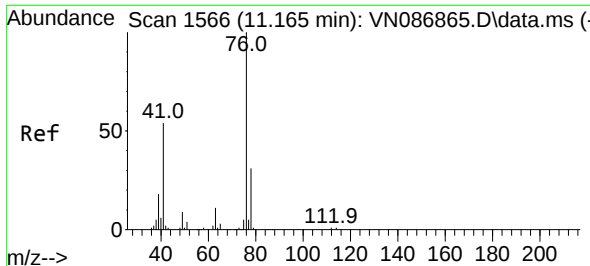


#56
Ethyl methacrylate
Concen: 18.629 ug/l
RT: 10.882 min Scan# 1518
Delta R.T. -0.000 min
Lab File: VN087020.D
Acq: 16 Jun 2025 11:04



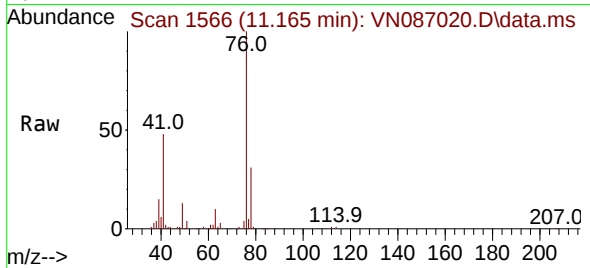
Tgt Ion:	69	Resp:	70762
Ion	Ratio	Lower	Upper
69	100		
41	53.0	47.2	70.8
39	22.6	23.0	34.6





#57
1,3-Dichloropropane
Concen: 18.742 ug/l
RT: 11.165 min Scan# 111
Delta R.T. -0.000 min
Lab File: VN087020.D
Acq: 16 Jun 2025 11:04

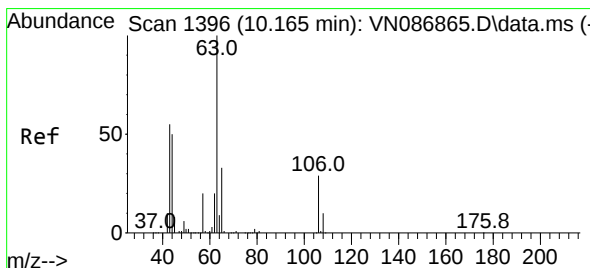
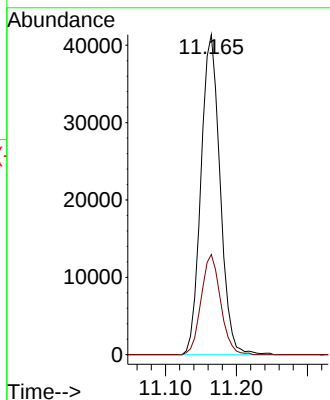
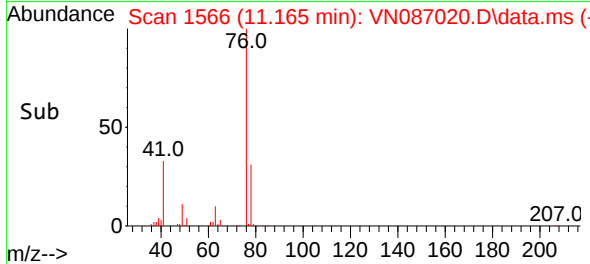
Instrument :
MSVOA_N
ClientSampleId :
VN0616WBS01



Tgt Ion: 76 Resp: 77534
Ion Ratio Lower Upper
76 100
78 31.8 25.3 37.9

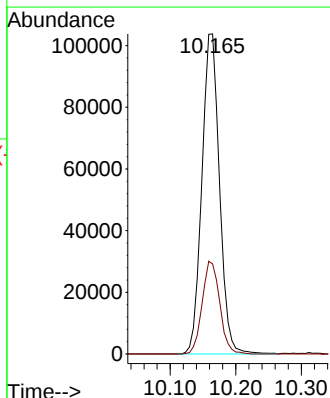
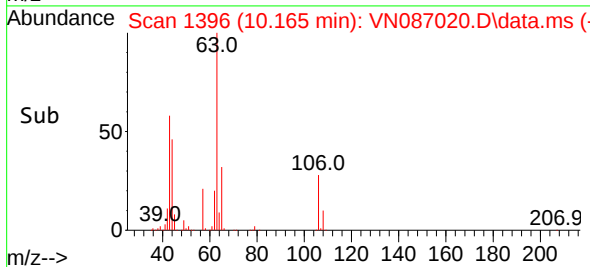
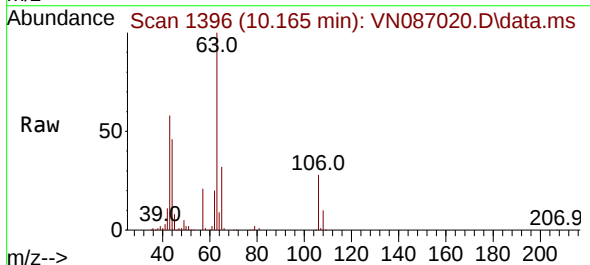
Manual Integrations
APPROVED

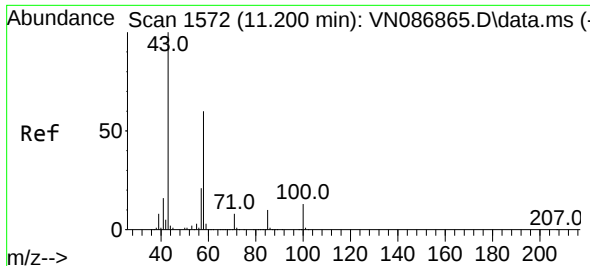
Reviewed By :John Carlone 06/17/2025
Supervised By :Semsettin Yesilyurt 06/17/2025



#58
2-Chloroethyl Vinyl ether
Concen: 85.833 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. -0.000 min
Lab File: VN087020.D
Acq: 16 Jun 2025 11:04

Tgt Ion: 63 Resp: 194458
Ion Ratio Lower Upper
63 100
106 28.8 23.0 34.6





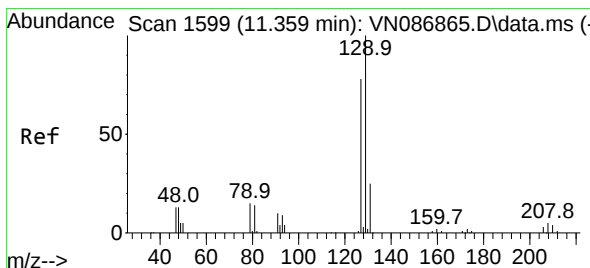
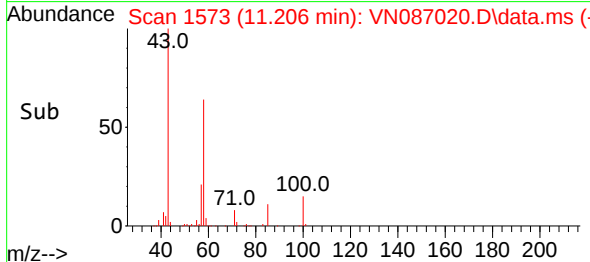
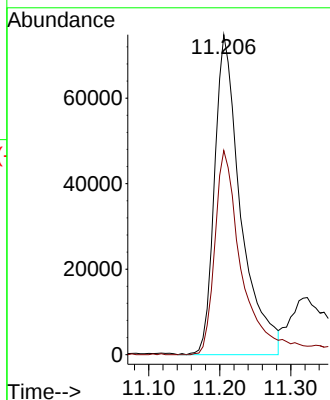
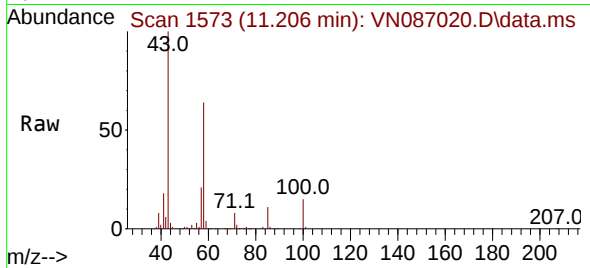
#59
2-Hexanone
Concen: 77.753 ug/l
RT: 11.206 min Scan# 1572
Delta R.T. 0.006 min
Lab File: VN087020.D
Acq: 16 Jun 2025 11:04

Instrument :
MSVOA_N
ClientSampleId :
VN0616WBS01

Tgt Ion: 43 Resp: 19105
Ion Ratio Lower Upper
43 100
58 66.2 30.4 91.3

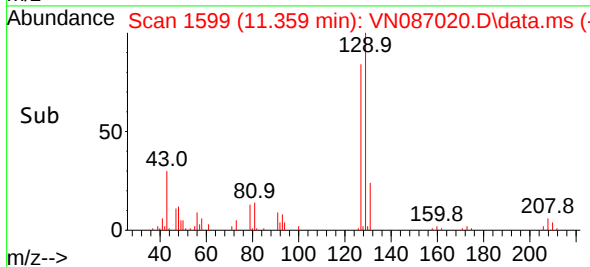
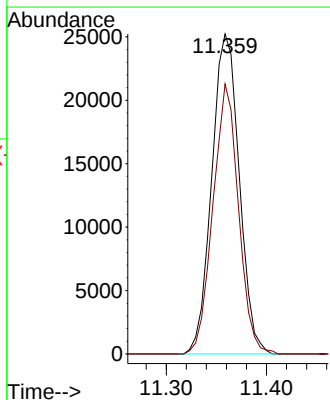
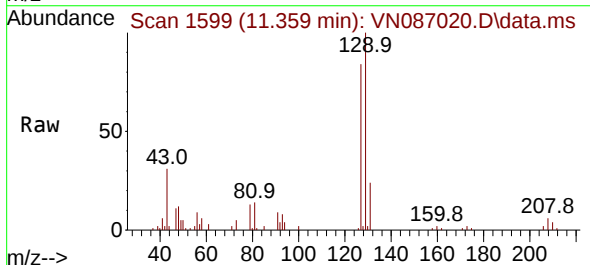
Manual Integrations
APPROVED

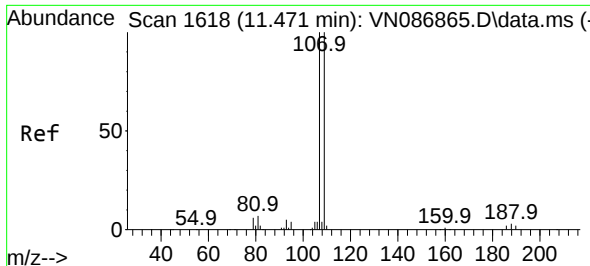
Reviewed By :John Carlone 06/17/2025
Supervised By :Semsettin Yesilyurt 06/17/2025



#60
Dibromochloromethane
Concen: 19.336 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN087020.D
Acq: 16 Jun 2025 11:04

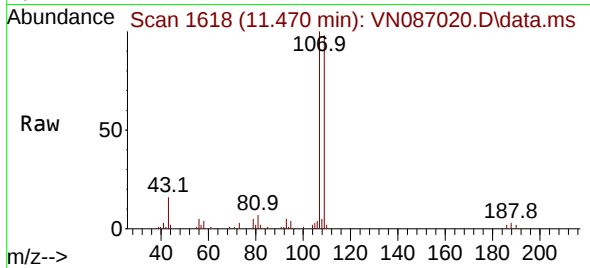
Tgt Ion:129 Resp: 48043
Ion Ratio Lower Upper
129 100
127 78.2 38.6 115.8





#61
1,2-Dibromoethane
Concen: 18.641 ug/l
RT: 11.470 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VN087020.D
Acq: 16 Jun 2025 11:04

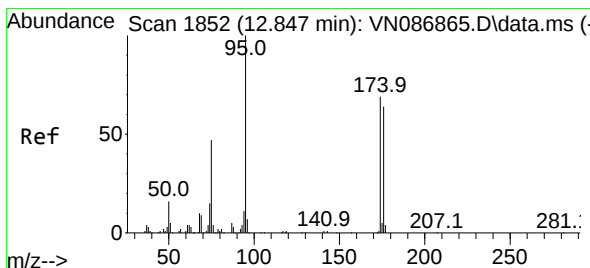
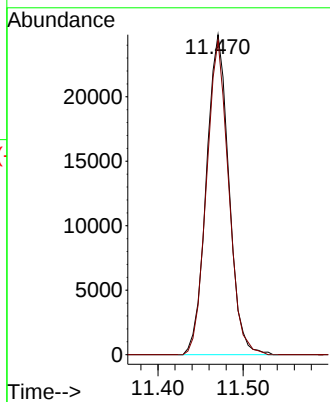
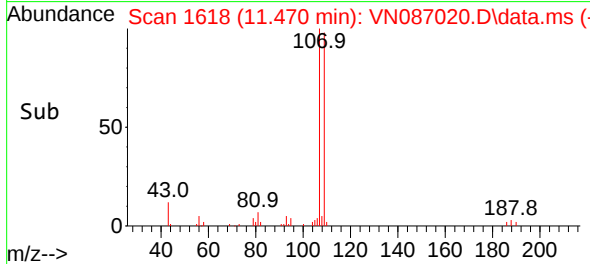
Instrument :
MSVOA_N
ClientSampleId :
VN0616WBS01



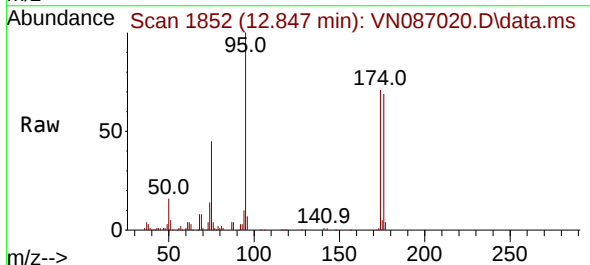
Tgt Ion:107 Resp: 45560
Ion Ratio Lower Upper
107 100
109 96.3 76.3 114.5

Manual Integrations
APPROVED

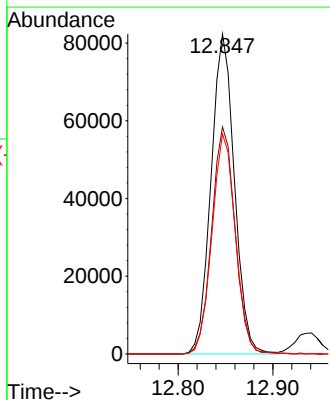
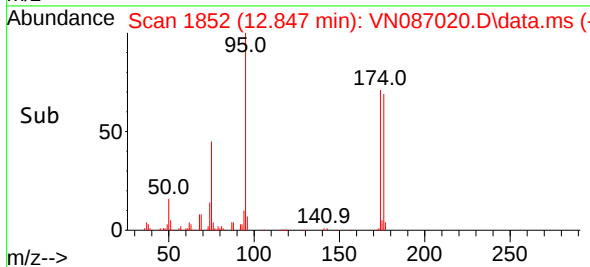
Reviewed By :John Carlone 06/17/2025
Supervised By :Semsettin Yesilyurt 06/17/2025

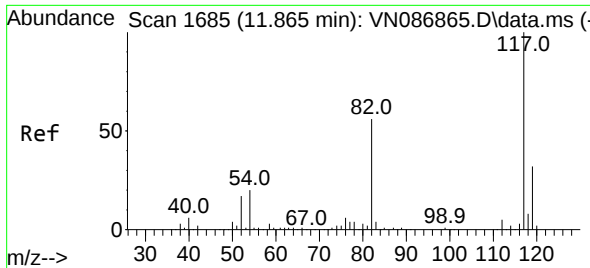


#62
4-Bromofluorobenzene
Concen: 46.119 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN087020.D
Acq: 16 Jun 2025 11:04



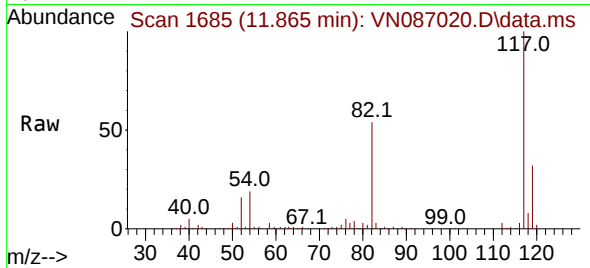
Tgt Ion: 95 Resp: 141176
Ion Ratio Lower Upper
95 100
174 71.2 0.0 141.8
176 68.6 0.0 132.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN087020.D
Acq: 16 Jun 2025 11:04

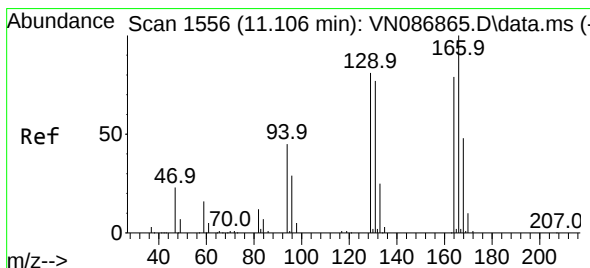
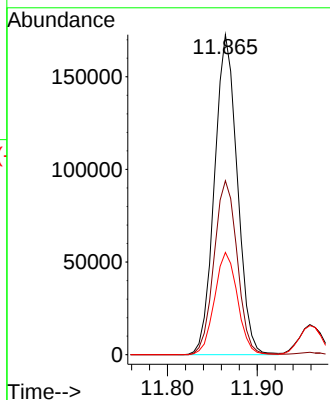
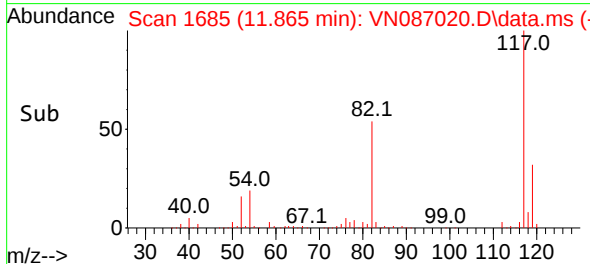
Instrument :
MSVOA_N
ClientSampleId :
VN0616WBS01



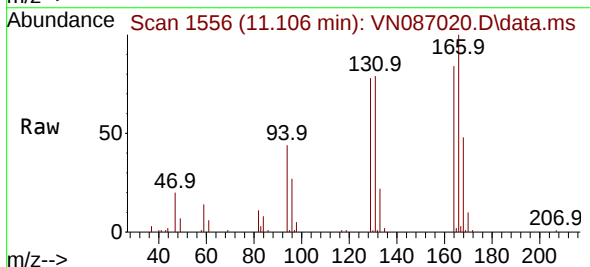
Tgt Ion:117 Resp: 30487
Ion Ratio Lower Upper
117 100
82 54.4 44.6 67.0
119 32.0 25.5 38.3

Manual Integrations
APPROVED

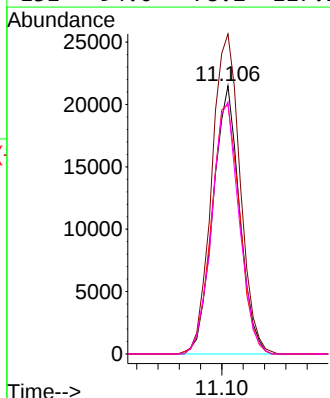
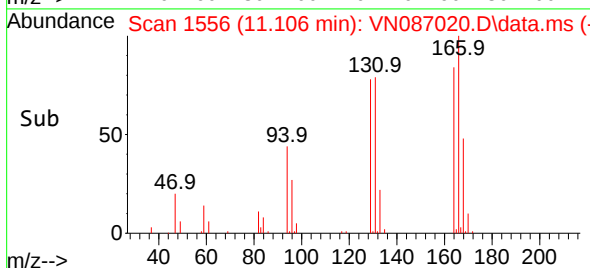
Reviewed By :John Carlone 06/17/2025
Supervised By :Semsettin Yesilyurt 06/17/2025

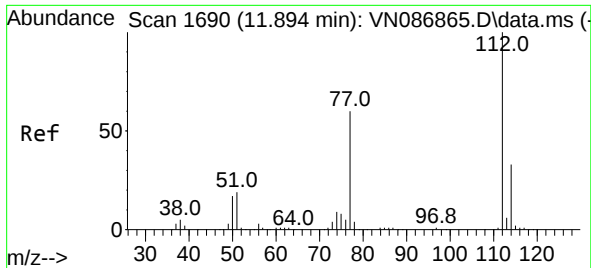


#64
Tetrachloroethene
Concen: 19.244 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VN087020.D
Acq: 16 Jun 2025 11:04



Tgt Ion:164 Resp: 37131
Ion Ratio Lower Upper
164 100
166 119.4 101.8 152.8
129 93.0 83.0 124.4
131 94.0 78.2 117.2





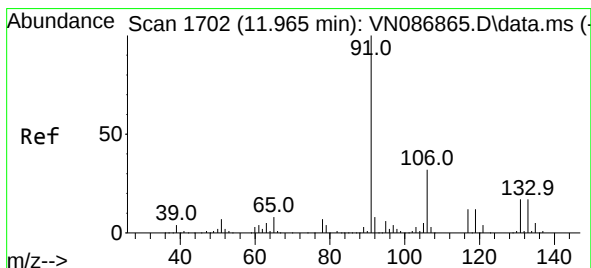
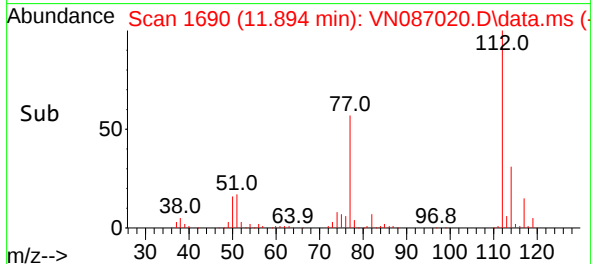
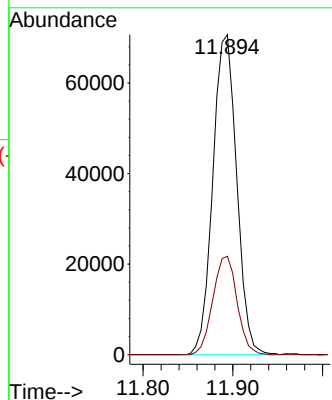
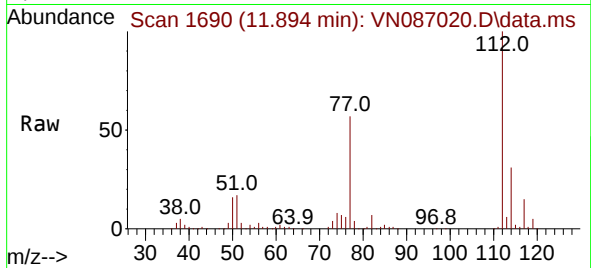
#65
Chlorobenzene
Concen: 19.386 ug/l
RT: 11.894 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VN087020.D
Acq: 16 Jun 2025 11:04

Instrument :
MSVOA_N
ClientSampleId :
VN0616WBS01

Tgt Ion:112 Resp: 13035
Ion Ratio Lower Upper
112 100
114 30.7 26.2 39.2

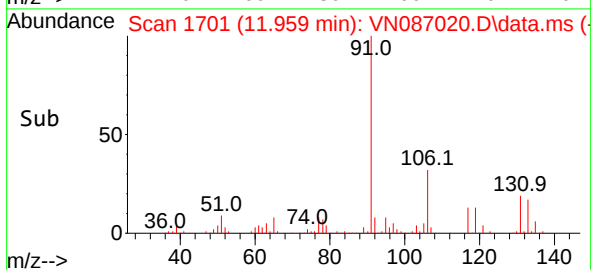
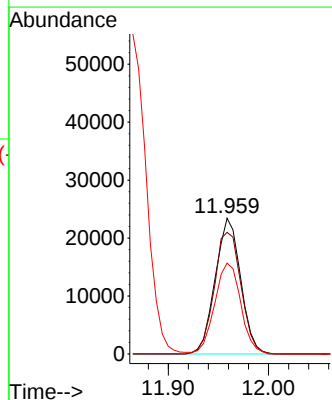
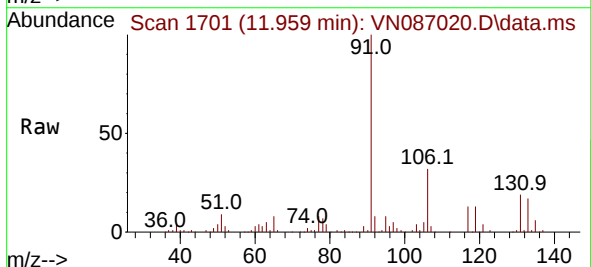
Manual Integrations
APPROVED

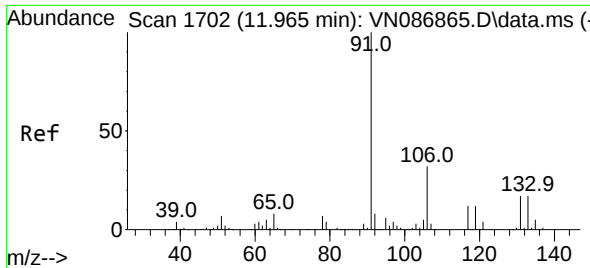
Reviewed By :John Carlone 06/17/2025
Supervised By :Semsettin Yesilyurt 06/17/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 19.083 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.006 min
Lab File: VN087020.D
Acq: 16 Jun 2025 11:04

Tgt Ion:131 Resp: 41248
Ion Ratio Lower Upper
131 100
133 94.8 48.3 144.8
119 68.4 34.0 101.8





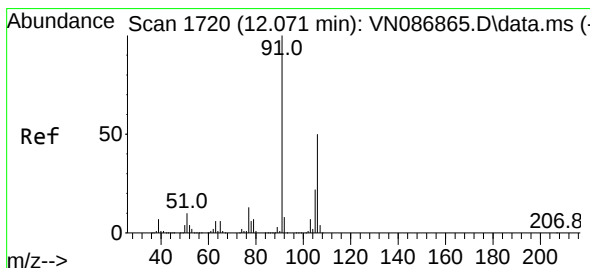
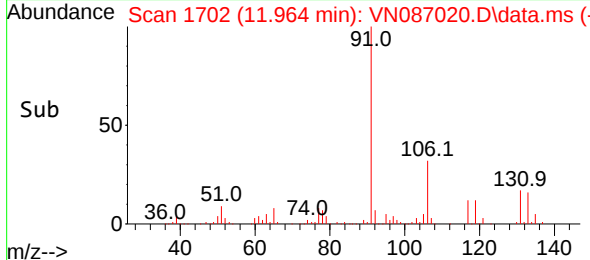
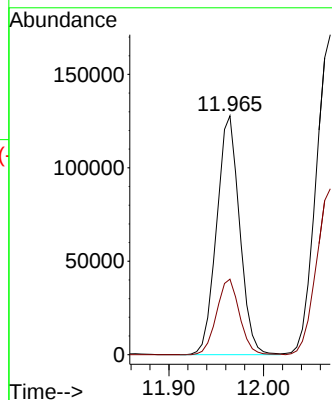
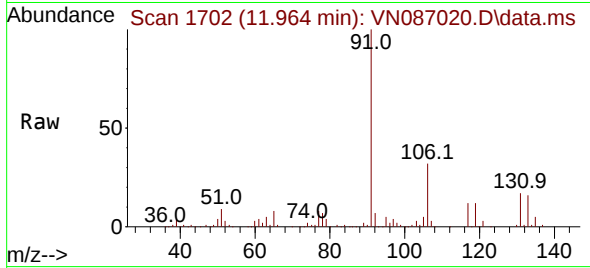
#67
Ethyl Benzene
Concen: 18.591 ug/l
RT: 11.964 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN087020.D
Acq: 16 Jun 2025 11:04

Instrument :
MSVOA_N
ClientSampleId :
VN0616WBS01

Tgt Ion: 91 Resp: 215330
Ion Ratio Lower Upper
91 100
106 31.6 25.4 38.2

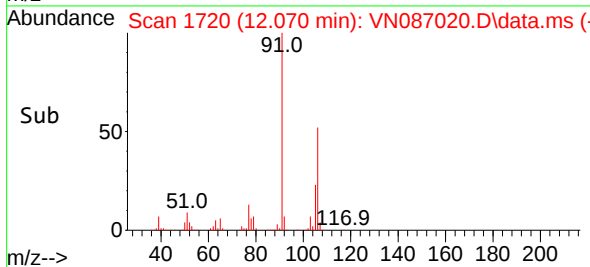
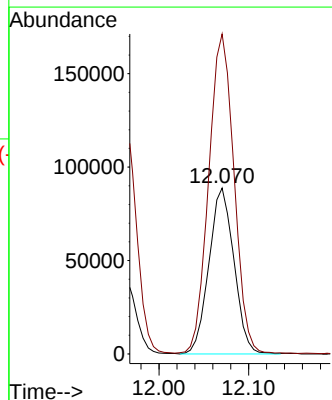
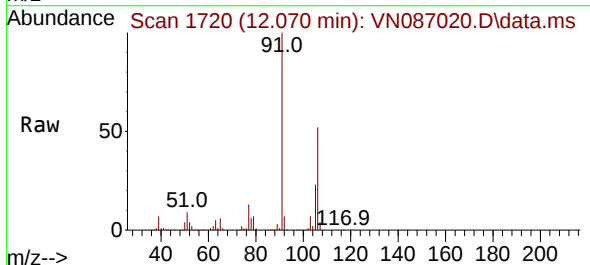
Manual Integrations
APPROVED

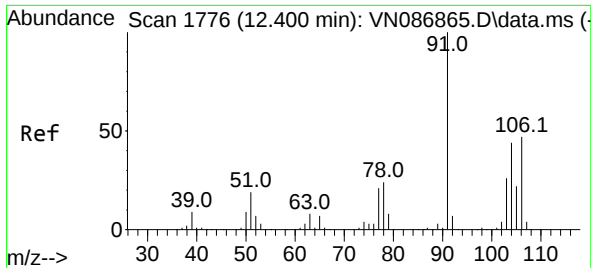
Reviewed By :John Carlone 06/17/2025
Supervised By :Semsettin Yesilyurt 06/17/2025



#68
m/p-Xylenes
Concen: 38.788 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN087020.D
Acq: 16 Jun 2025 11:04

Tgt Ion:106 Resp: 171972
Ion Ratio Lower Upper
106 100
91 194.9 159.4 239.0





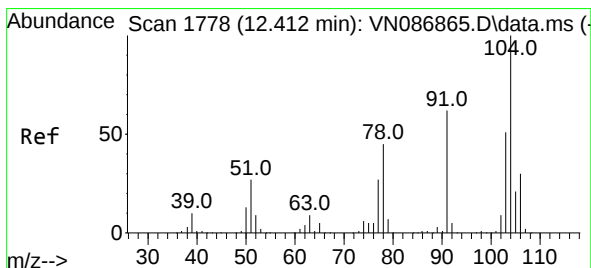
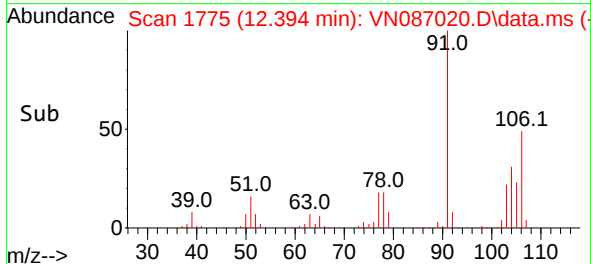
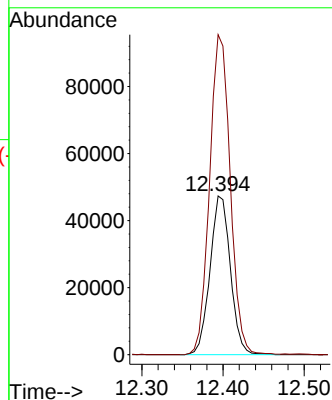
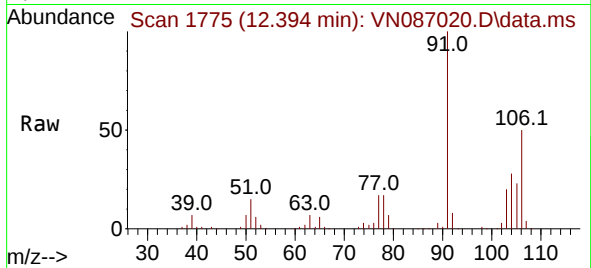
#69
o-Xylene
Concen: 19.456 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.006 min
Lab File: VN087020.D
Acq: 16 Jun 2025 11:04

Instrument :
MSVOA_N
ClientSampleId :
VN0616WBS01

Tgt Ion:106 Resp: 8261
Ion Ratio Lower Upper
106 100
91 204.1 106.1 318.1

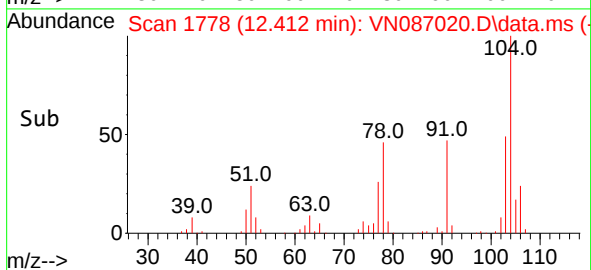
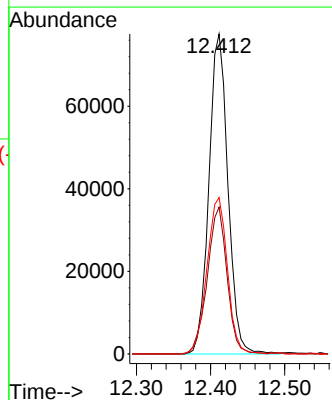
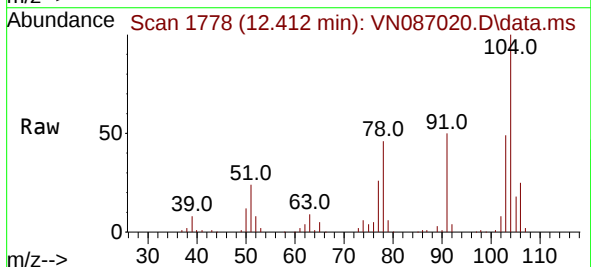
Manual Integrations
APPROVED

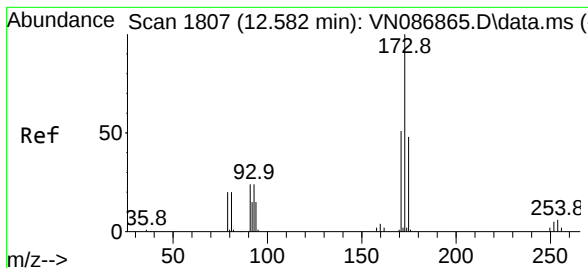
Reviewed By :John Carlone 06/17/2025
Supervised By :Semsettin Yesilyurt 06/17/2025



#70
Styrene
Concen: 19.043 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN087020.D
Acq: 16 Jun 2025 11:04

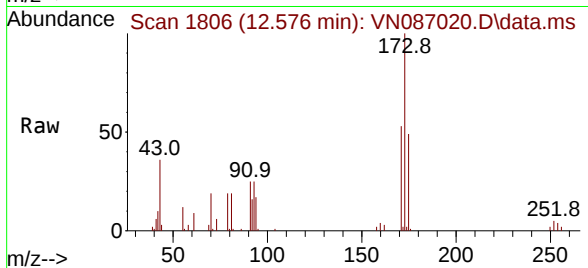
Tgt Ion:104 Resp: 138368
Ion Ratio Lower Upper
104 100
78 47.5 38.5 57.7
103 52.5 43.1 64.7





#71
Bromoform
Concen: 19.921 ug/l
RT: 12.576 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN087020.D
Acq: 16 Jun 2025 11:04

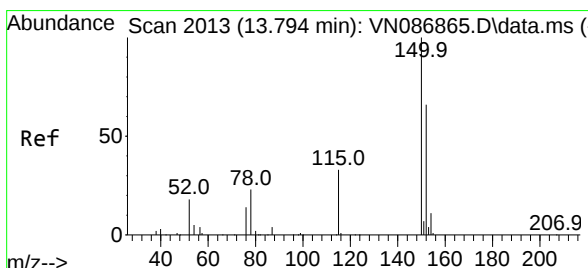
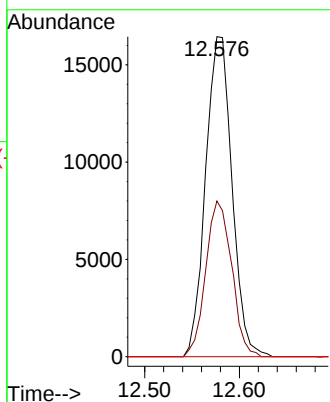
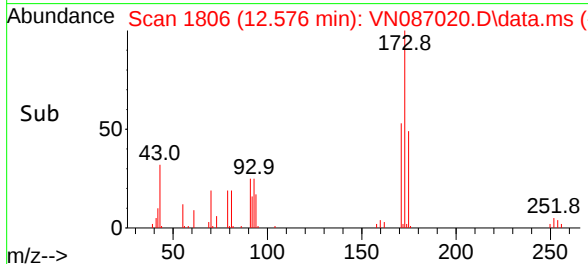
Instrument :
MSVOA_N
ClientSampleId :
VN0616WBS01



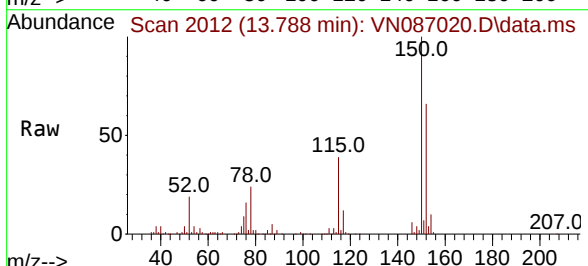
Tgt Ion:173 Resp: 31904
Ion Ratio Lower Upper
173 100
175 47.7 24.1 72.4
254 0.0 0.0 0.0

Manual Integrations
APPROVED

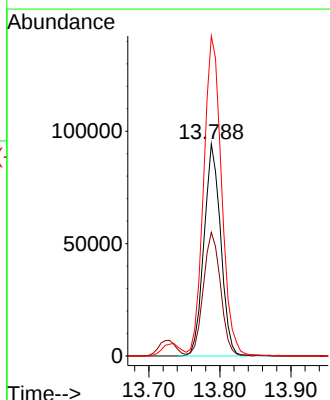
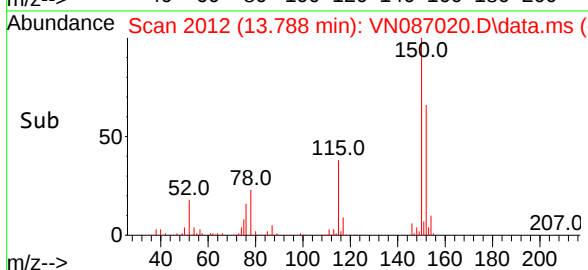
Reviewed By :John Carlone 06/17/2025
Supervised By :Semsettin Yesilyurt 06/17/2025

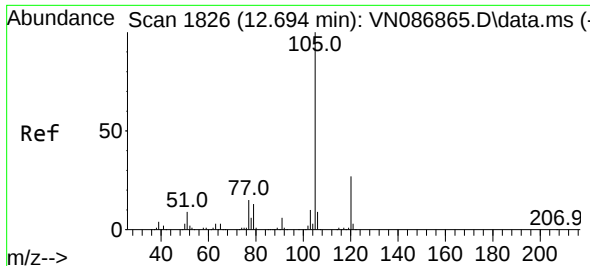


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.006 min
Lab File: VN087020.D
Acq: 16 Jun 2025 11:04



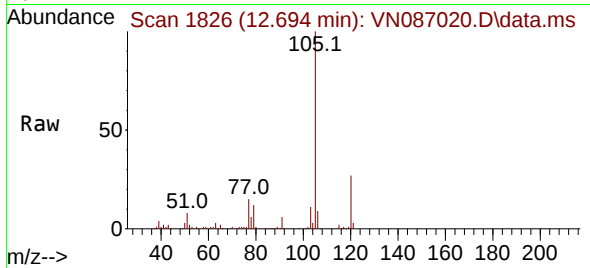
Tgt Ion:152 Resp: 154394
Ion Ratio Lower Upper
152 100
115 60.1 30.1 90.5
150 162.1 0.0 345.0





#73
Isopropylbenzene
Concen: 17.659 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN087020.D
Acq: 16 Jun 2025 11:04

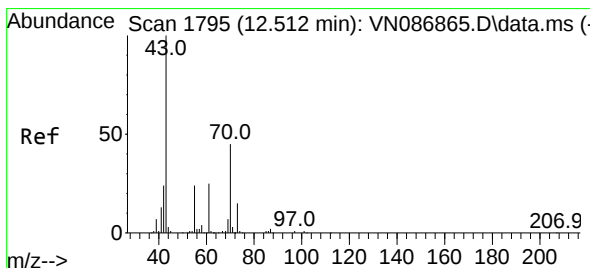
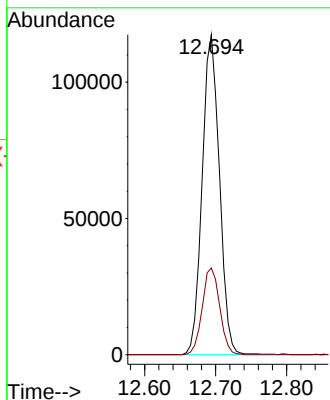
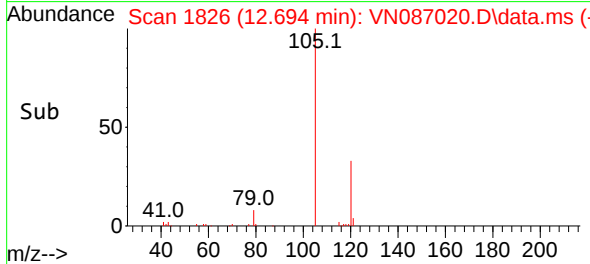
Instrument :
MSVOA_N
ClientSampleId :
VN0616WBS01



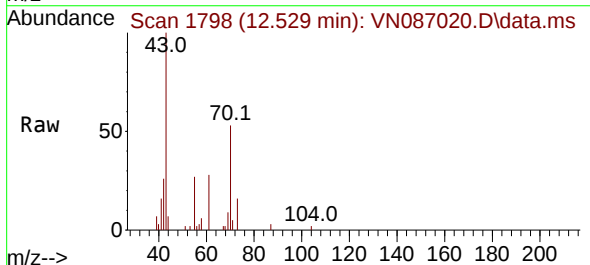
Tgt Ion: 105 Resp: 19862
Ion Ratio Lower Upper
105 100
120 27.3 13.5 40.4

Manual Integrations
APPROVED

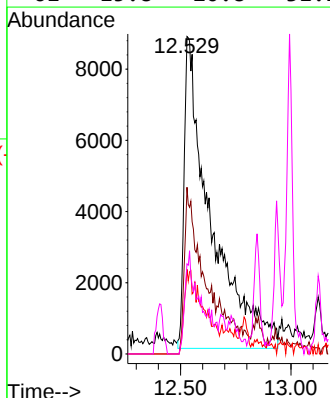
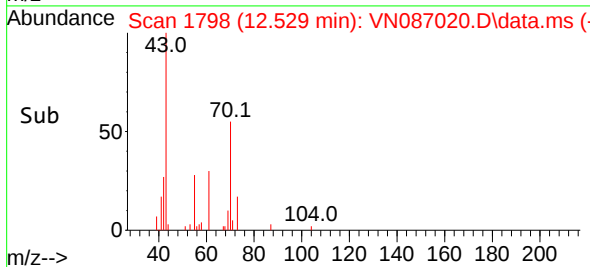
Reviewed By :John Carlone 06/17/2025
Supervised By :Semsettin Yesilyurt 06/17/2025

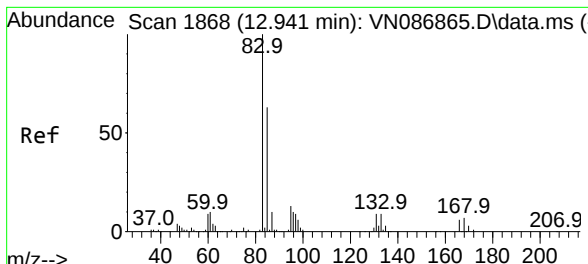


#74
N-ethyl acetate
Concen: 18.710 ug/l m
RT: 12.529 min Scan# 1798
Delta R.T. 0.017 min
Lab File: VN087020.D
Acq: 16 Jun 2025 11:04



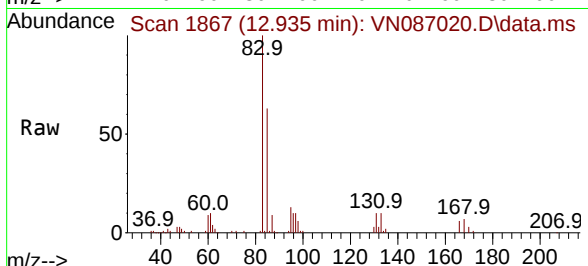
Tgt Ion: 43 Resp: 73537
Ion Ratio Lower Upper
43 100
70 34.6 37.6 56.4#
55 8.3 19.0 28.6#
61 15.8 20.8 31.2#





#75
1,1,2,2-Tetrachloroethane
Concen: 18.756 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VN087020.D
Acq: 16 Jun 2025 11:04

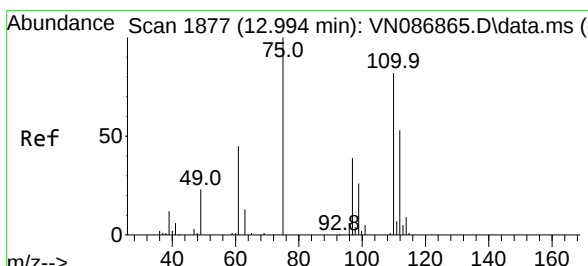
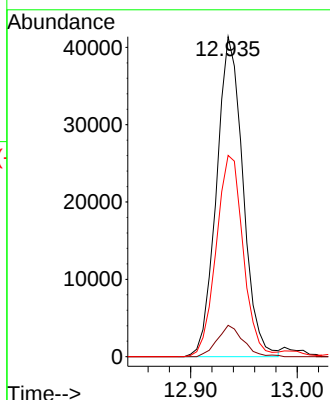
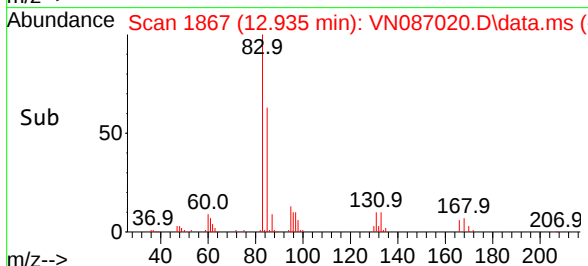
Instrument :
MSVOA_N
ClientSampleId :
VN0616WBS01



Tgt Ion: 83 Resp: 71468
Ion Ratio Lower Upper
83 100
131 9.6 4.9 14.7
85 64.0 32.0 96.0

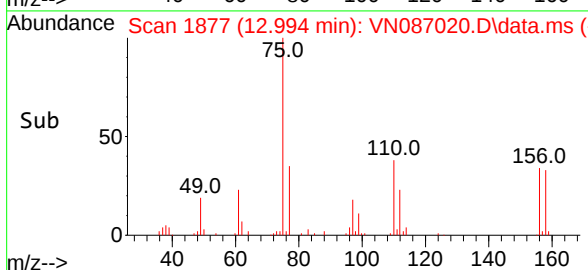
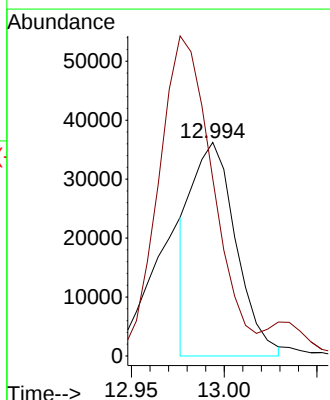
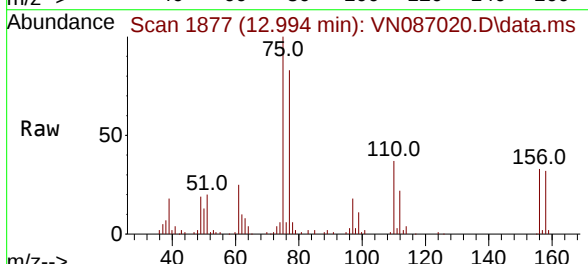
Manual Integrations
APPROVED

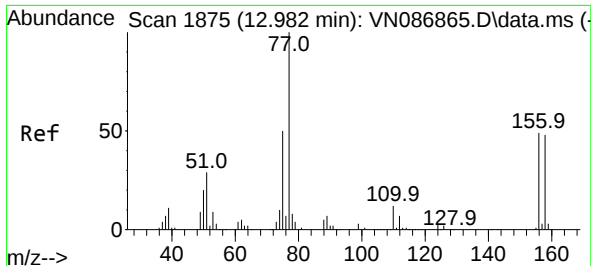
Reviewed By :John Carlone 06/17/2025
Supervised By :Semsettin Yesilyurt 06/17/2025



#76
1,2,3-Trichloropropane
Concen: 16.460 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. -0.000 min
Lab File: VN087020.D
Acq: 16 Jun 2025 11:04

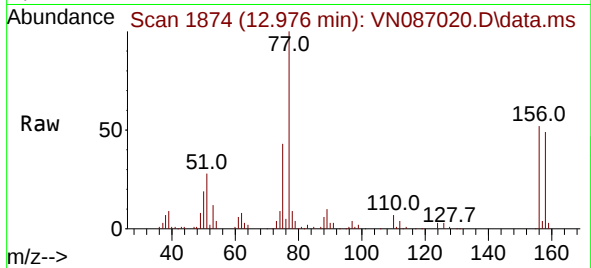
Tgt Ion: 75 Resp: 60407
Ion Ratio Lower Upper
75 100
77 183.7 79.3 237.9





#77
Bromobenzene
Concen: 19.280 ug/l
RT: 12.976 min Scan# 1875
Delta R.T. -0.006 min
Lab File: VN087020.D
Acq: 16 Jun 2025 11:04

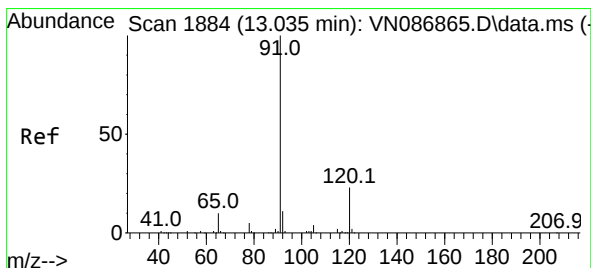
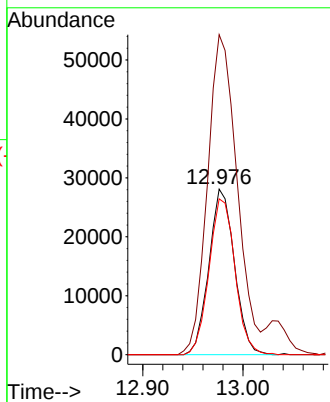
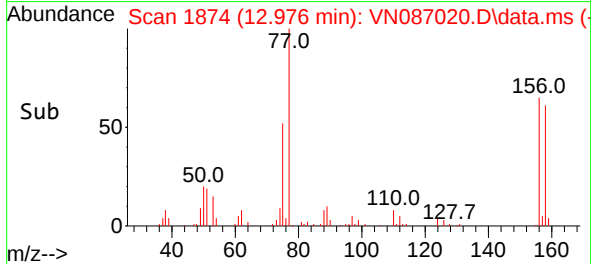
Instrument :
MSVOA_N
ClientSampleId :
VN0616WBS01



Tgt Ion:156 Resp: 49732
Ion Ratio Lower Upper
156 100
77 223.1 117.7 353.1
158 95.7 48.1 144.4

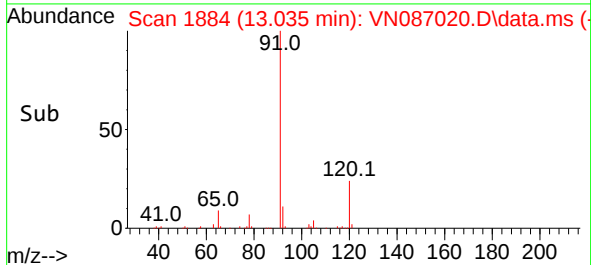
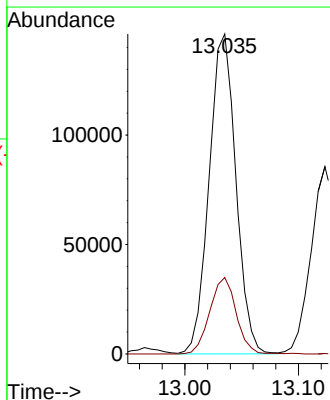
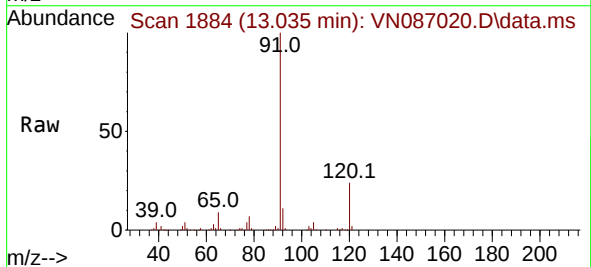
Manual Integrations
APPROVED

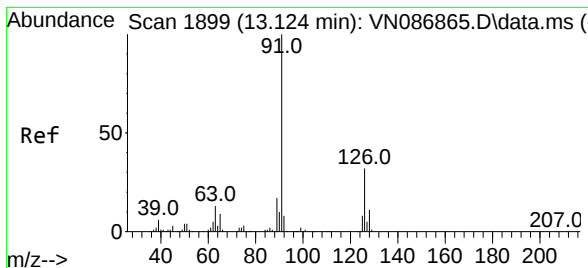
Reviewed By :John Carlone 06/17/2025
Supervised By :Semsettin Yesilyurt 06/17/2025



#78
n-propylbenzene
Concen: 17.538 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VN087020.D
Acq: 16 Jun 2025 11:04

Tgt Ion: 91 Resp: 239720
Ion Ratio Lower Upper
91 100
120 23.5 11.4 34.2





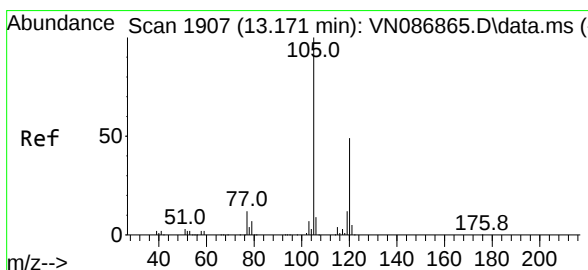
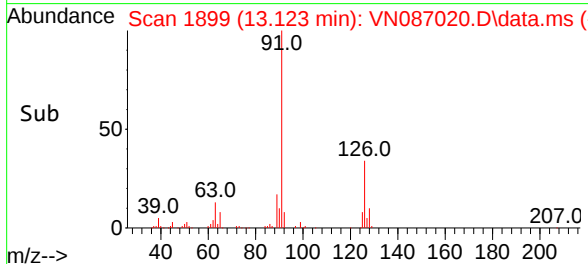
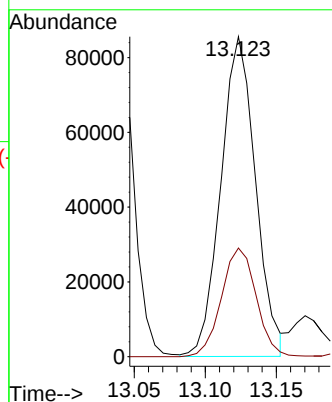
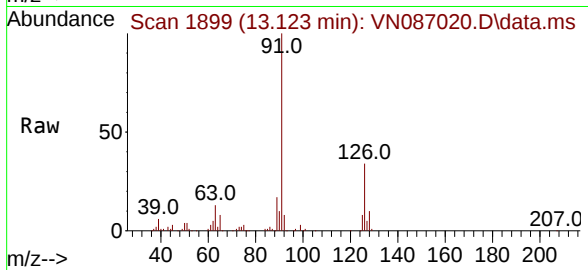
#79
2-Chlorotoluene
Concen: 17.698 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN087020.D
Acq: 16 Jun 2025 11:04

Instrument :
MSVOA_N
ClientSampleId :
VN0616WBS01

Tgt Ion: 91 Resp: 14507
Ion Ratio Lower Upper
91 100
126 34.1 16.2 48.5

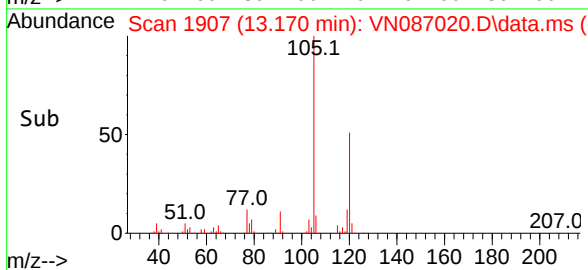
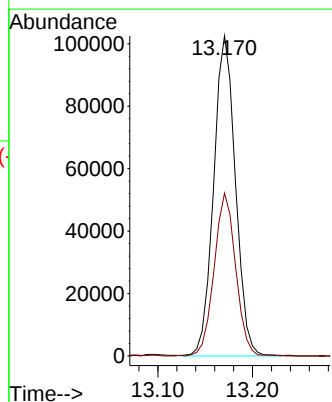
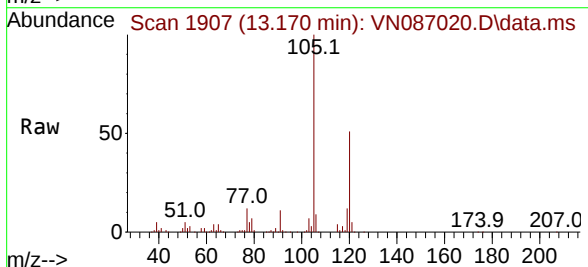
Manual Integrations
APPROVED

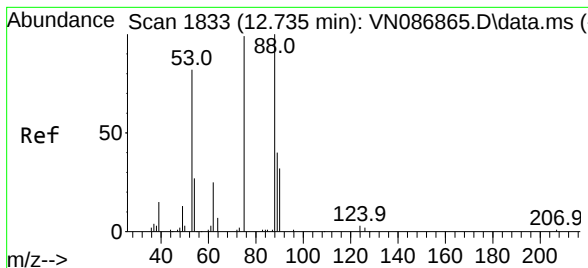
Reviewed By :John Carlone 06/17/2025
Supervised By :Semsettin Yesilyurt 06/17/2025



#80
1,3,5-Trimethylbenzene
Concen: 17.671 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN087020.D
Acq: 16 Jun 2025 11:04

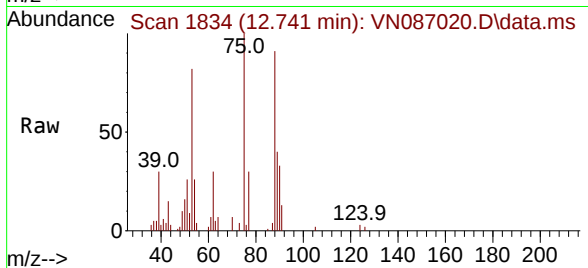
Tgt Ion:105 Resp: 164102
Ion Ratio Lower Upper
105 100
120 50.3 24.9 74.6





#81
trans-1,4-Dichloro-2-butene
Concen: 14.822 ug/l
RT: 12.741 min Scan# 1833
Delta R.T. 0.006 min
Lab File: VN087020.D
Acq: 16 Jun 2025 11:04

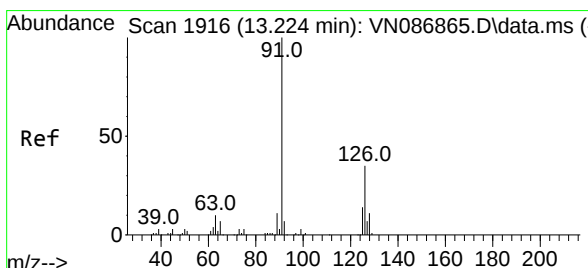
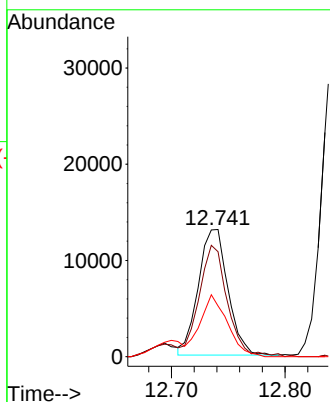
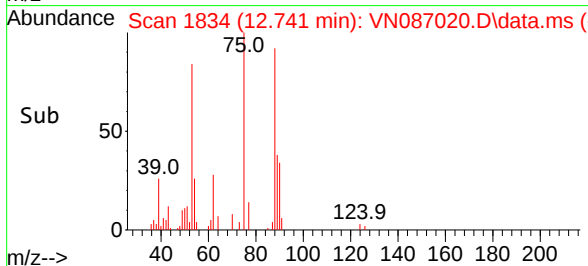
Instrument :
MSVOA_N
ClientSampleId :
VN0616WBS01



Tgt Ion: 75 Resp: 2363
Ion Ratio Lower Upper
75 100
53 85.0 66.6 99.8
89 45.6 36.7 55.1

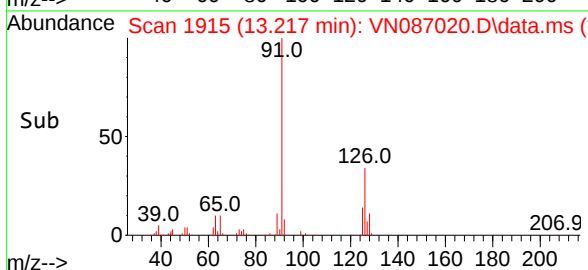
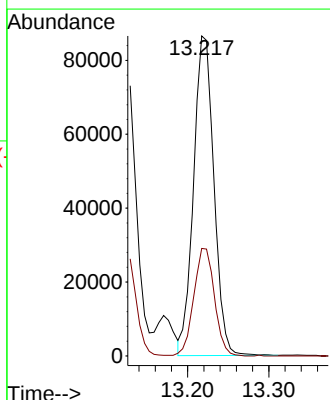
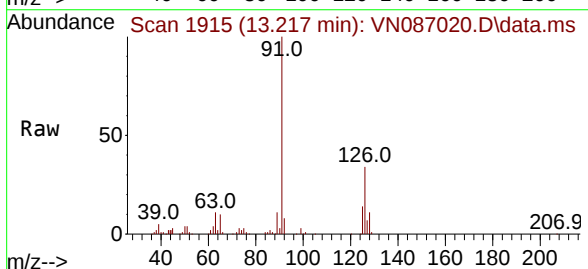
Manual Integrations
APPROVED

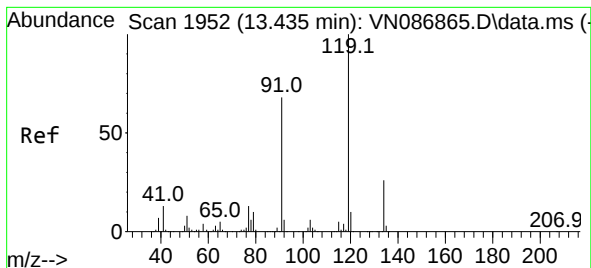
Reviewed By :John Carlone 06/17/2025
Supervised By :Semsettin Yesilyurt 06/17/2025



#82
4-Chlorotoluene
Concen: 18.169 ug/l
RT: 13.217 min Scan# 1915
Delta R.T. -0.006 min
Lab File: VN087020.D
Acq: 16 Jun 2025 11:04

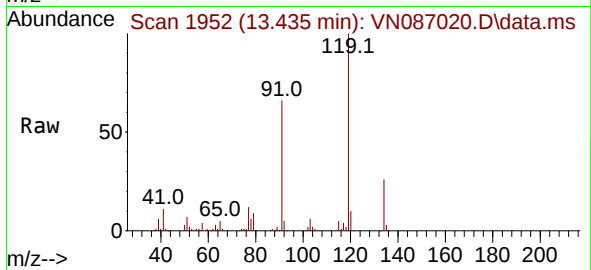
Tgt Ion: 91 Resp: 150701
Ion Ratio Lower Upper
91 100
126 34.3 16.7 50.1





#83
tert-Butylbenzene
Concen: 16.513 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VN087020.D
Acq: 16 Jun 2025 11:04

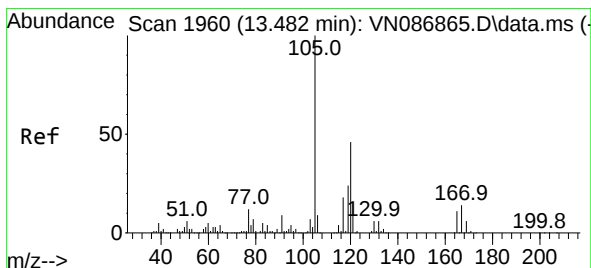
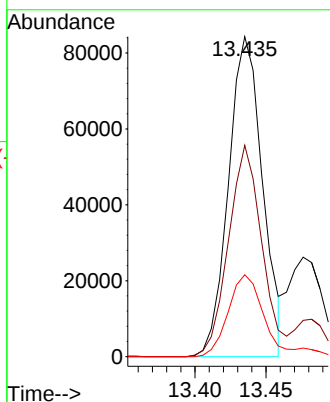
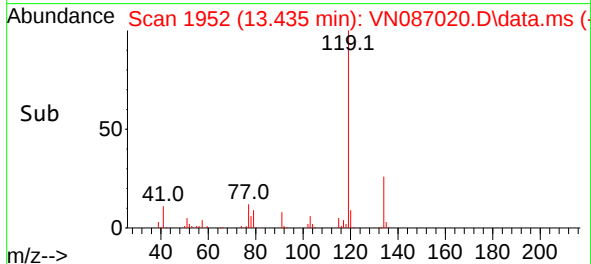
Instrument :
MSVOA_N
ClientSampleId :
VN0616WBS01



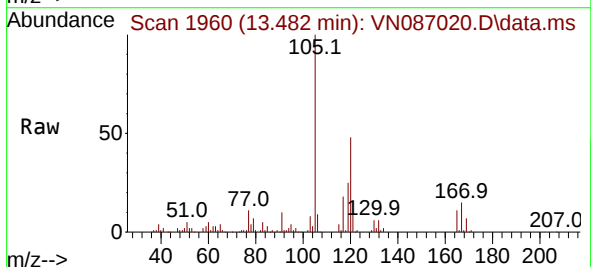
Tgt Ion:119 Resp: 140370
Ion Ratio Lower Upper
119 100
91 65.1 32.1 96.5
134 27.9 13.4 40.1

Manual Integrations
APPROVED

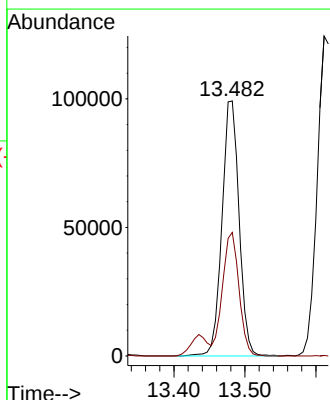
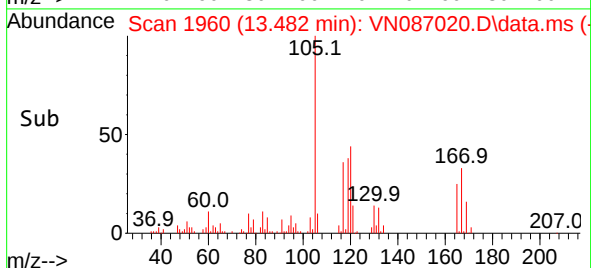
Reviewed By :John Carlone 06/17/2025
Supervised By :Semsettin Yesilyurt 06/17/2025

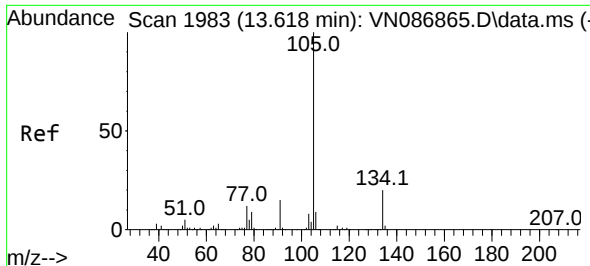


#84
1,2,4-Trimethylbenzene
Concen: 17.768 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.000 min
Lab File: VN087020.D
Acq: 16 Jun 2025 11:04



Tgt Ion:105 Resp: 165460
Ion Ratio Lower Upper
105 100
120 46.8 23.2 69.6





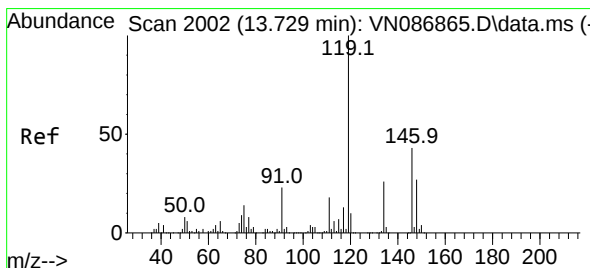
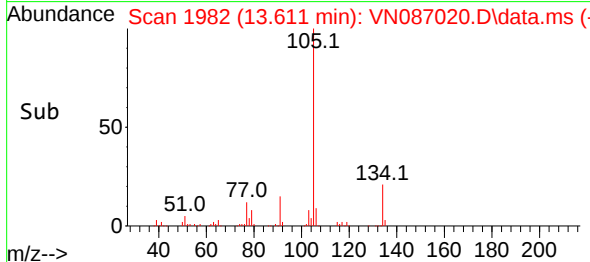
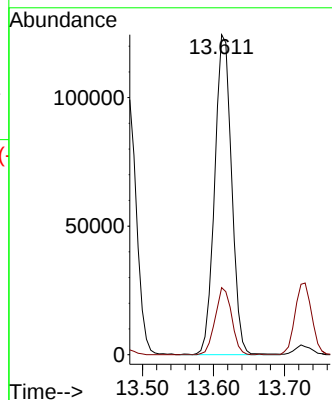
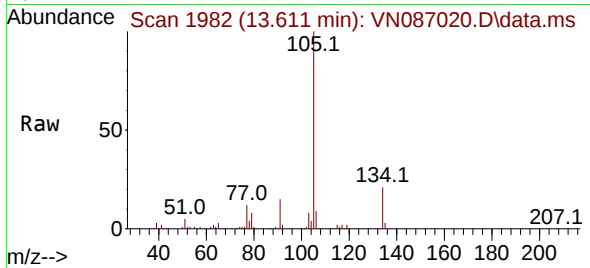
#85
 sec-Butylbenzene
 Concen: 16.650 ug/l
 RT: 13.611 min Scan# 1983
 Delta R.T. -0.006 min
 Lab File: VN087020.D
 Acq: 16 Jun 2025 11:04

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0616WBS01

Tgt Ion:105 Resp: 205538
 Ion Ratio Lower Upper
 105 100
 134 20.4 10.0 30.0

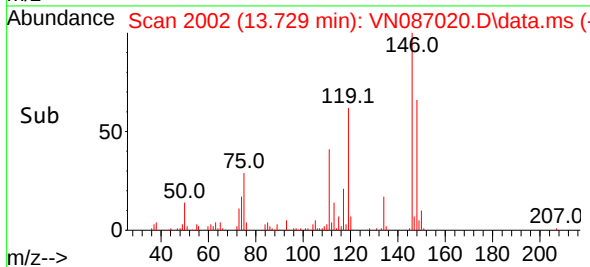
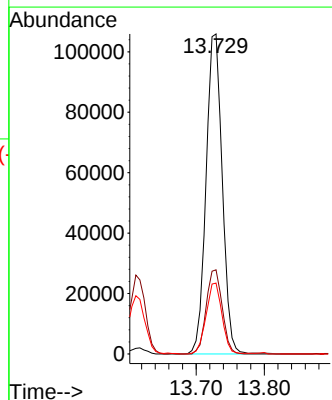
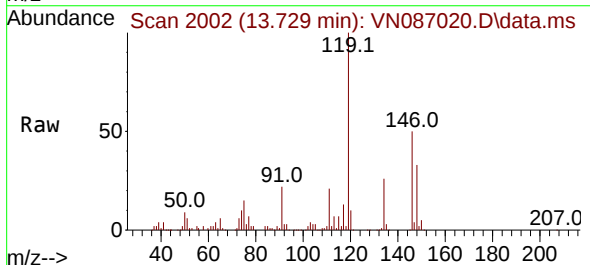
Manual Integrations
 APPROVED

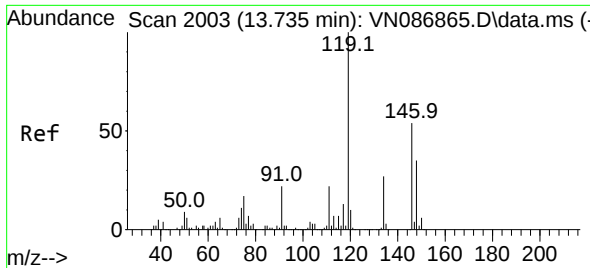
Reviewed By :John Carlone 06/17/2025
 Supervised By :Semsettin Yesilyurt 06/17/2025



#86
 p-Isopropyltoluene
 Concen: 17.146 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.000 min
 Lab File: VN087020.D
 Acq: 16 Jun 2025 11:04

Tgt Ion:119 Resp: 174962
 Ion Ratio Lower Upper
 119 100
 134 25.9 13.5 40.4
 91 21.8 11.5 34.4





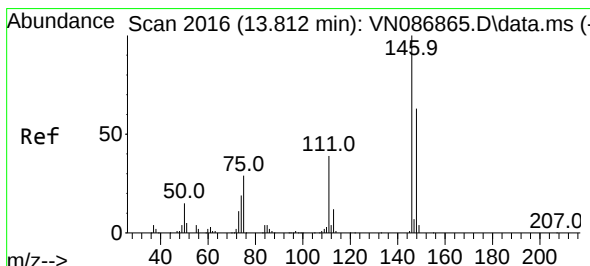
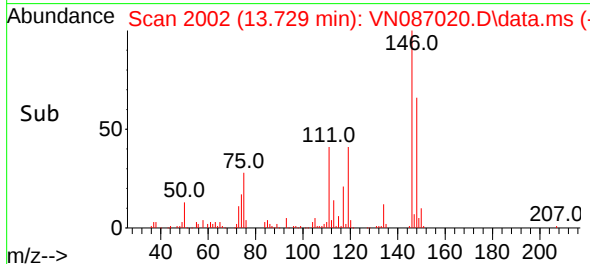
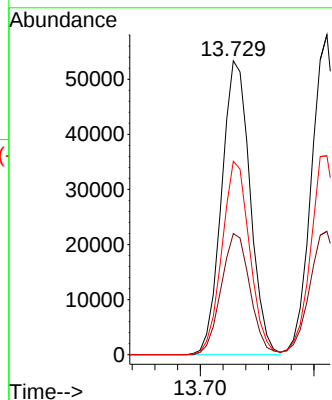
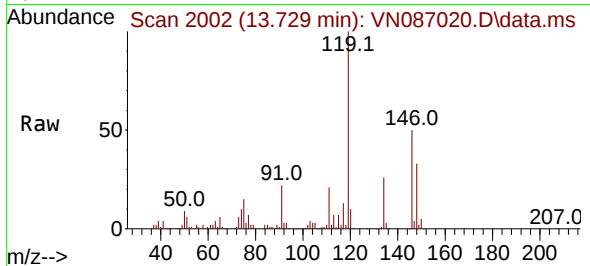
#87
1,3-Dichlorobenzene
Concen: 18.304 ug/l
RT: 13.729 min Scan# 2003
Delta R.T. -0.006 min
Lab File: VN087020.D
Acq: 16 Jun 2025 11:04

Instrument :
MSVOA_N
ClientSampleId :
VN0616WBS01

Tgt Ion:146 Resp: 9289
Ion Ratio Lower Upper
146 100
111 41.7 20.9 62.8
148 64.2 32.0 96.2

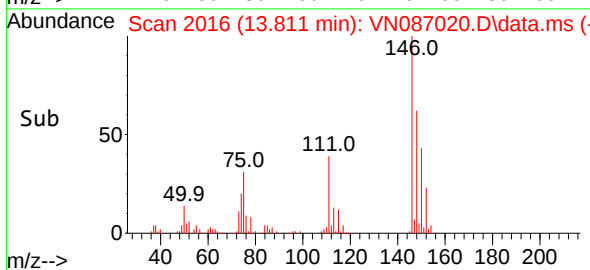
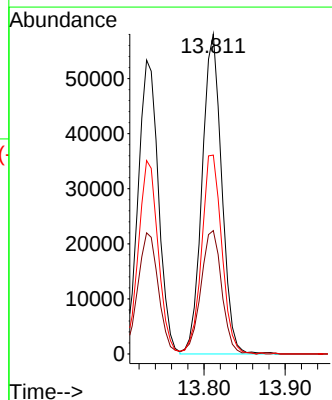
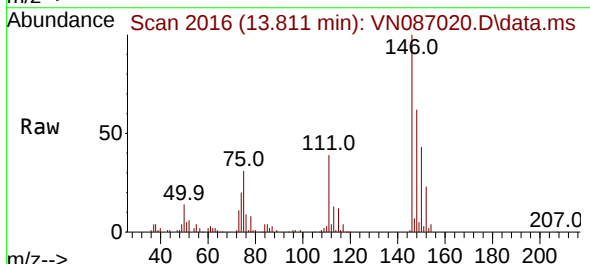
Manual Integrations
APPROVED

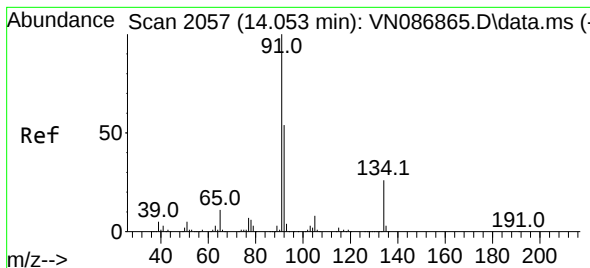
Reviewed By :John Carlone 06/17/2025
Supervised By :Semsettin Yesilyurt 06/17/2025



#88
1,4-Dichlorobenzene
Concen: 18.830 ug/l
RT: 13.811 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN087020.D
Acq: 16 Jun 2025 11:04

Tgt Ion:146 Resp: 97432
Ion Ratio Lower Upper
146 100
111 41.0 19.9 59.7
148 64.0 31.8 95.4





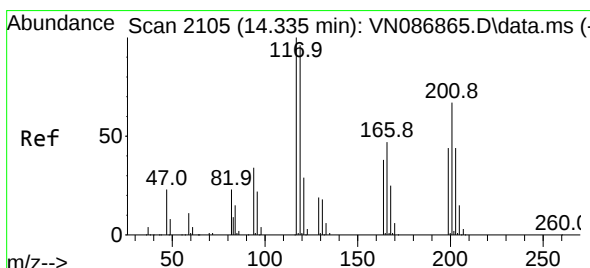
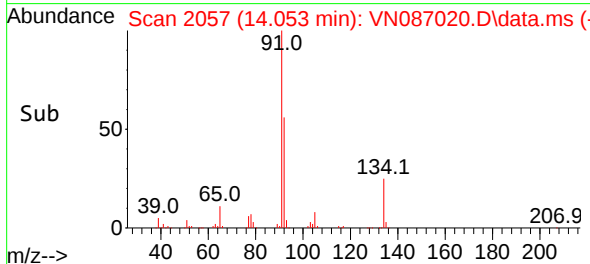
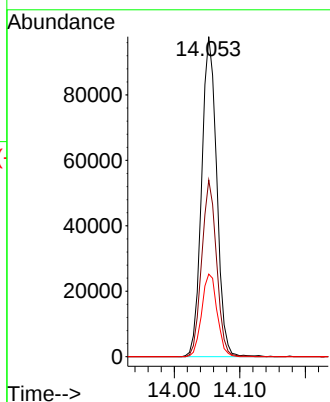
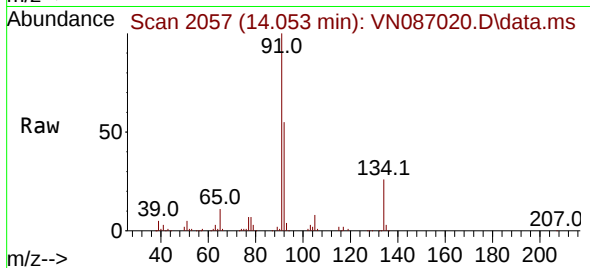
#89
n-Butylbenzene
Concen: 15.883 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN087020.D
Acq: 16 Jun 2025 11:04

Instrument :
MSVOA_N
ClientSampleId :
VN0616WBS01

Tgt Ion: 91 Resp: 15699
Ion Ratio Lower Upper
91 100
92 54.1 27.5 82.4
134 26.3 13.0 39.0

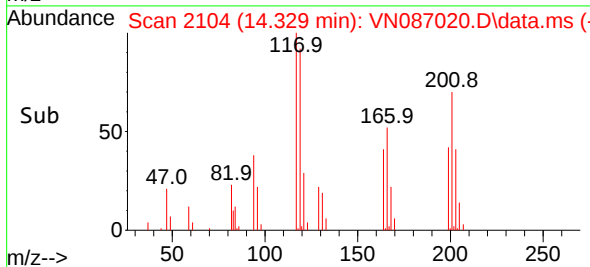
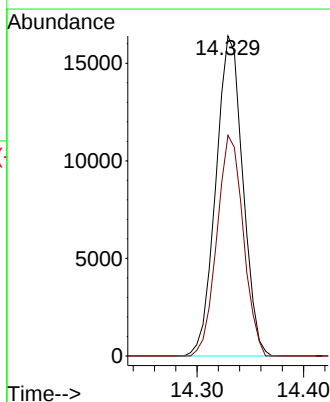
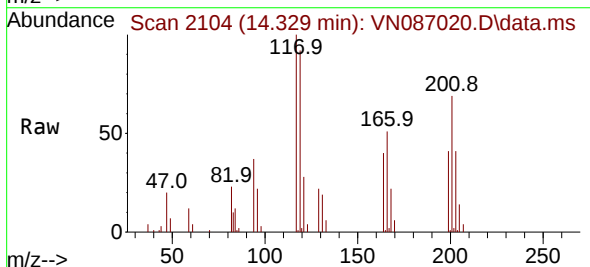
Manual Integrations
APPROVED

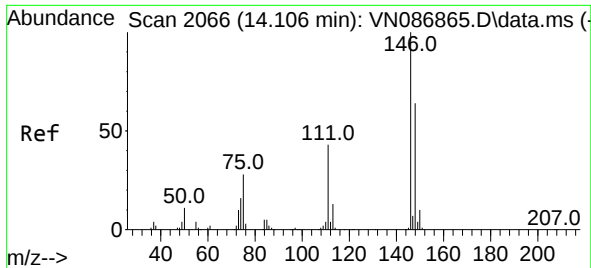
Reviewed By :John Carlone 06/17/2025
Supervised By :Semsettin Yesilyurt 06/17/2025



#90
Hexachloroethane
Concen: 16.660 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. -0.006 min
Lab File: VN087020.D
Acq: 16 Jun 2025 11:04

Tgt Ion:117 Resp: 28816
Ion Ratio Lower Upper
117 100
201 67.4 33.2 99.6





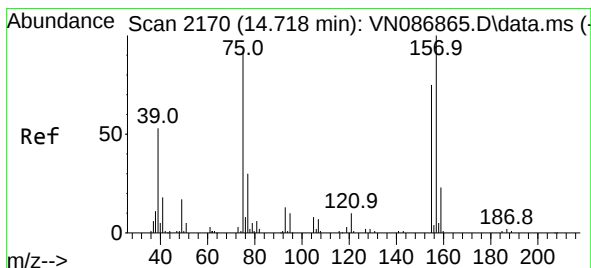
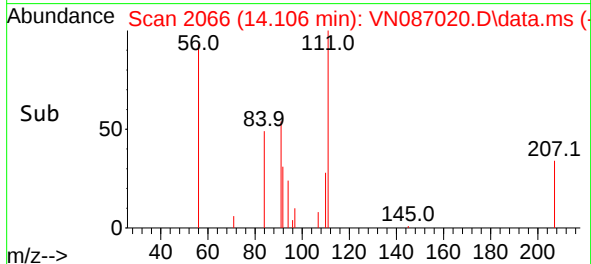
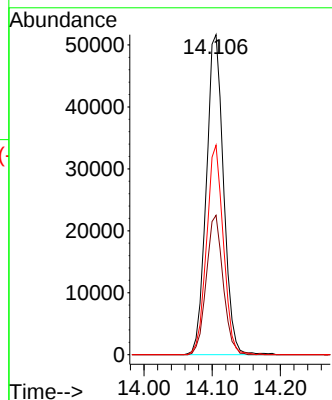
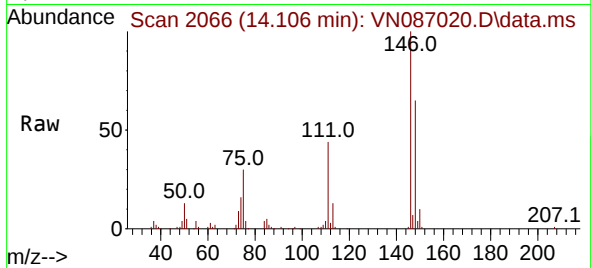
#91
1,2-Dichlorobenzene
Concen: 18.627 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN087020.D
Acq: 16 Jun 2025 11:04

Instrument :
MSVOA_N
ClientSampleId :
VN0616WBS01

Tgt Ion:146 Resp: 90825
Ion Ratio Lower Upper
146 100
111 42.6 21.6 64.6
148 63.6 31.7 95.1

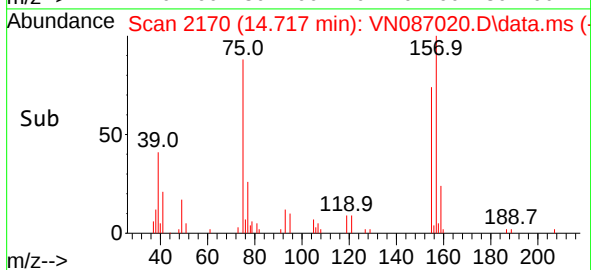
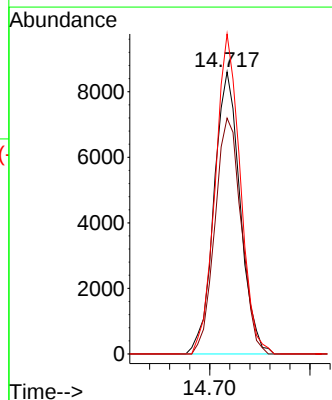
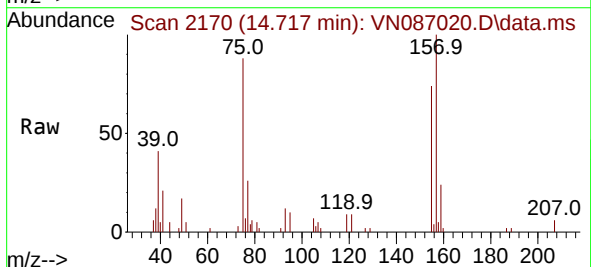
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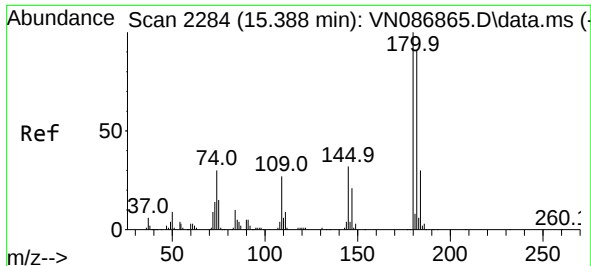
Reviewed By :John Carlone 06/17/2025
Supervised By :Semsettin Yesilyurt 06/17/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 17.046 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.000 min
Lab File: VN087020.D
Acq: 16 Jun 2025 11:04

Tgt Ion: 75 Resp: 15534
Ion Ratio Lower Upper
75 100
155 84.4 41.1 123.4
157 108.6 52.7 158.1





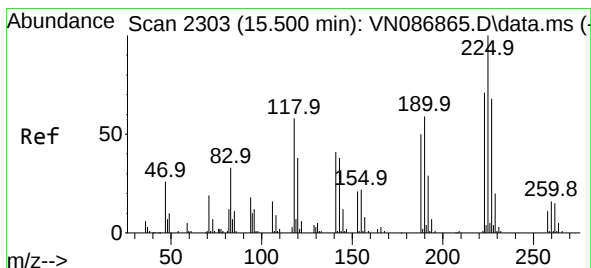
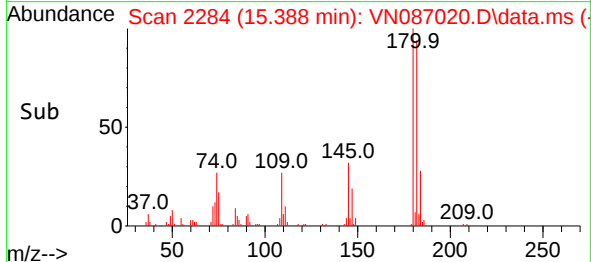
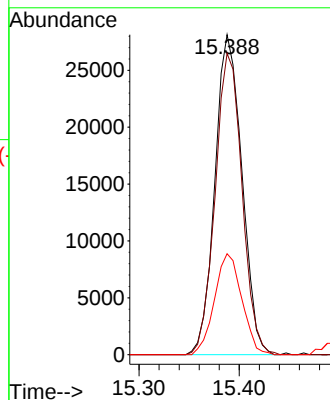
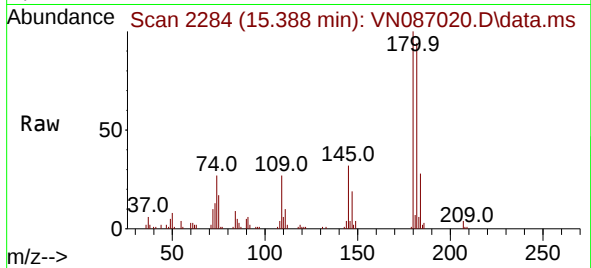
#93
1,2,4-Trichlorobenzene
Concen: 16.883 ug/l
RT: 15.388 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN087020.D
Acq: 16 Jun 2025 11:04

Instrument :
MSVOA_N
ClientSampleId :
VN0616WBS01

Tgt Ion:180 Resp: 5256
Ion Ratio Lower Upper
180 100
182 93.7 46.9 140.7
145 32.0 16.0 47.9

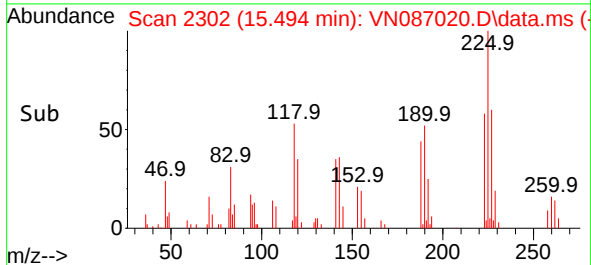
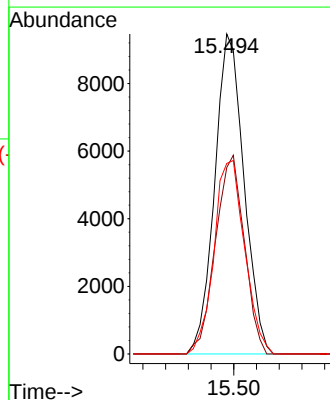
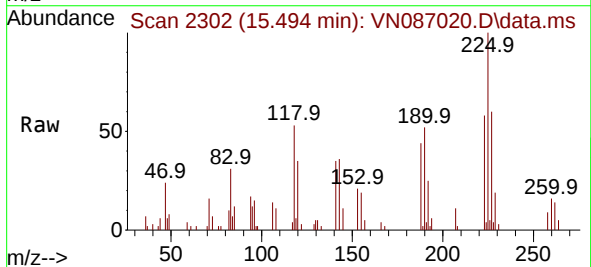
Manual Integrations
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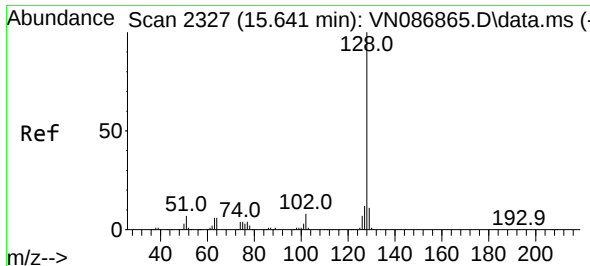
Reviewed By :John Carlone 06/17/2025
Supervised By :Semsettin Yesilyurt 06/17/2025



#94
Hexachlorobutadiene
Concen: 14.605 ug/l
RT: 15.494 min Scan# 2302
Delta R.T. -0.006 min
Lab File: VN087020.D
Acq: 16 Jun 2025 11:04

Tgt Ion:225 Resp: 16942
Ion Ratio Lower Upper
225 100
223 61.2 33.5 100.4
227 63.3 31.1 93.5





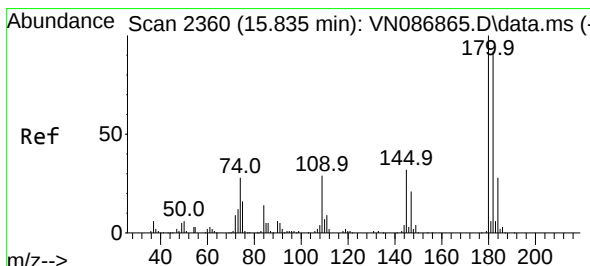
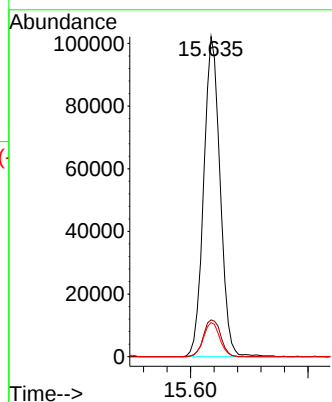
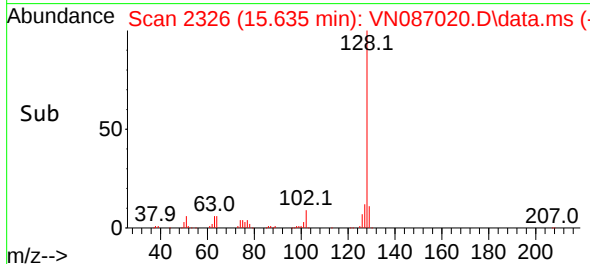
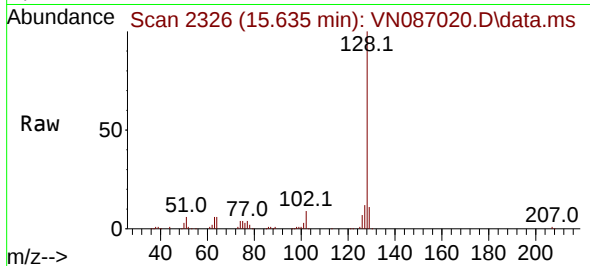
#95
Naphthalene
Concen: 17.049 ug/l
RT: 15.635 min Scan# 2327
Delta R.T. -0.006 min
Lab File: VN087020.D
Acq: 16 Jun 2025 11:04

Instrument :
MSVOA_N
ClientSampleId :
VN0616WBS01

Tgt Ion:128 Resp: 19758
Ion Ratio Lower Upper
128 100
127 12.1 10.2 15.2
129 10.6 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 06/17/2025
Supervised By :Semsettin Yesilyurt 06/17/2025



#96
1,2,3-Trichlorobenzene
Concen: 16.023 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. -0.000 min
Lab File: VN087020.D
Acq: 16 Jun 2025 11:04

Tgt Ion:180 Resp: 49566
Ion Ratio Lower Upper
180 100
182 96.3 47.0 141.0
145 33.3 16.6 49.8

