

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041525\
 Data File : VN086278.D
 Acq On : 15 Apr 2025 12:21
 Operator : JC\MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC005

Quant Time: Apr 16 03:55:12 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 16 03:42:50 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

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

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	234470	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	436245	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	375851	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	167796	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	17487	5.143	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	10.280%#		
35) Dibromofluoromethane	8.171	113	11660	5.759	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	11.520%#		
50) Toluene-d8	10.565	98	54403	5.028	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	10.060%#		
62) 4-Bromofluorobenzene	12.847	95	20034	5.076	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	10.160%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	13162	4.735	ug/l	95
3) Chloromethane	2.359	50	21191	5.246	ug/l	96
4) Vinyl Chloride	2.512	62	19342	5.018	ug/l	99
5) Bromomethane	2.948	94	8981	5.180	ug/l	91
6) Chloroethane	3.112	64	13592	5.268	ug/l	98
7) Trichlorofluoromethane	3.495	101	22304	5.223	ug/l	92
8) Diethyl Ether	3.959	74	9862	5.291	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.377	101	13633	5.278	ug/l	99
10) Methyl Iodide	4.589	142	14033	4.941	ug/l	94
11) Tert butyl alcohol	5.518	59	16966	27.348	ug/l #	88
12) 1,1-Dichloroethene	4.342	96	14583	5.284	ug/l	94
13) Acrolein	4.177	56	14133	35.938	ug/l	91
14) Allyl chloride	5.018	41	25369	5.174	ug/l	98
15) Acrylonitrile	5.712	53	40960	26.709	ug/l	99
16) Acetone	4.430	43	33298	23.124	ug/l	100
17) Carbon Disulfide	4.712	76	43706	5.289	ug/l	98
18) Methyl Acetate	5.024	43	21384	5.239	ug/l	97
19) Methyl tert-butyl Ether	5.789	73	53138	5.238	ug/l	92
20) Methylene Chloride	5.277	84	16566	5.270	ug/l	97
21) trans-1,2-Dichloroethene	5.783	96	15380	5.331	ug/l	98
22) Diisopropyl ether	6.665	45	55913	5.239	ug/l #	98
23) Vinyl Acetate	6.600	43	205955m	27.614	ug/l	
24) 1,1-Dichloroethane	6.559	63	29865	5.304	ug/l	99
25) 2-Butanone	7.483	43	55470	26.210	ug/l	100
26) 2,2-Dichloropropane	7.488	77	27048	5.365	ug/l	99
27) cis-1,2-Dichloroethene	7.483	96	18982	5.301	ug/l	97
28) Bromochloromethane	7.806	49	14246	5.967	ug/l	95
29) Tetrahydrofuran	7.841	42	37437	26.453	ug/l	99
30) Chloroform	7.965	83	28901	5.225	ug/l	98
31) Cyclohexane	8.253	56	33730	6.122	ug/l	96
32) 1,1,1-Trichloroethane	8.165	97	25387	5.365	ug/l	89
36) 1,1-Dichloropropene	8.371	75	21310	5.270	ug/l	100
37) Ethyl Acetate	7.559	43	22206	5.216	ug/l	99
38) Carbon Tetrachloride	8.359	117	20544	5.335	ug/l	92
39) Methylcyclohexane	9.594	83	25242	5.251	ug/l	99
40) Benzene	8.600	78	67406	5.202	ug/l	97

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Instrument :
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 ClientSampleId :
 VSTDICC005

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

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.771	41	12454	5.047	ug/l	95
42) 1,2-Dichloroethane	8.671	62	21638	5.237	ug/l	100
43) Isopropyl Acetate	8.682	43	55105	5.444	ug/l #	90
44) Trichloroethene	9.353	130	15562	5.067	ug/l	95
45) 1,2-Dichloropropane	9.618	63	16719	5.272	ug/l	94
46) Dibromomethane	9.706	93	10633	5.262	ug/l	97
47) Bromodichloromethane	9.888	83	23118	5.297	ug/l	95
48) Methyl methacrylate	9.682	41	19018	5.087	ug/l	98
49) 1,4-Dioxane	9.688	88	6722	105.699	ug/l	97
51) 4-Methyl-2-Pentanone	10.441	43	113773	26.097	ug/l	100
52) Toluene	10.624	92	42032	5.199	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	25020	5.136	ug/l	99
54) cis-1,3-Dichloropropene	10.306	75	27737	5.183	ug/l	95
55) 1,1,2-Trichloroethane	11.018	97	15559	5.349	ug/l	98
56) Ethyl methacrylate	10.871	69	28102	5.256	ug/l	97
57) 1,3-Dichloropropane	11.159	76	26905	5.213	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.153	63	77113	30.387	ug/l	100
59) 2-Hexanone	11.194	43	84443	26.113	ug/l	99
60) Dibromochloromethane	11.359	129	16611	5.201	ug/l	100
61) 1,2-Dibromoethane	11.471	107	14929	5.087	ug/l	97
64) Tetrachloroethene	11.100	164	14998	5.188	ug/l	96
65) Chlorobenzene	11.888	112	44164	5.265	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.959	131	14896	5.383	ug/l	98
67) Ethyl Benzene	11.959	91	79376	5.244	ug/l	97
68) m/p-Xylenes	12.071	106	59758	10.537	ug/l	99
69) o-Xylene	12.394	106	29751	5.305	ug/l	98
70) Styrene	12.406	104	48407	5.180	ug/l	99
71) Bromoform	12.576	173	11065	5.311	ug/l #	97
73) Isopropylbenzene	12.694	105	71658	5.221	ug/l	100
74) N-amyl acetate	12.488	43	35409	5.182	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.935	83	21720	5.503	ug/l	99
76) 1,2,3-Trichloropropane	12.988	75	19196m	4.870	ug/l	
77) Bromobenzene	12.976	156	15681	5.156	ug/l	93
78) n-propylbenzene	13.035	91	85101	5.261	ug/l	99
79) 2-Chlorotoluene	13.123	91	54490	5.384	ug/l	98
80) 1,3,5-Trimethylbenzene	13.170	105	59035	5.255	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	8832m	5.357	ug/l	
82) 4-Chlorotoluene	13.217	91	52887	5.260	ug/l	99
83) tert-Butylbenzene	13.435	119	51302	5.270	ug/l	99
84) 1,2,4-Trimethylbenzene	13.476	105	61145	5.347	ug/l	98
85) sec-Butylbenzene	13.612	105	72305	5.355	ug/l	99
86) p-Isopropyltoluene	13.723	119	58514	5.258	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	30570	5.347	ug/l	100
88) 1,4-Dichlorobenzene	13.806	146	30447	5.287	ug/l	94
89) n-Butylbenzene	14.053	91	50562	5.126	ug/l	99
90) Hexachloroethane	14.329	117	9832	5.252	ug/l	97
91) 1,2-Dichlorobenzene	14.100	146	30546	5.511	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	4593	5.772	ug/l	93
93) 1,2,4-Trichlorobenzene	15.388	180	14506	5.465	ug/l	99
94) Hexachlorobutadiene	15.500	225	5680	5.669	ug/l	97
95) Naphthalene	15.641	128	49586	5.270	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	13599	5.412	ug/l	99

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Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

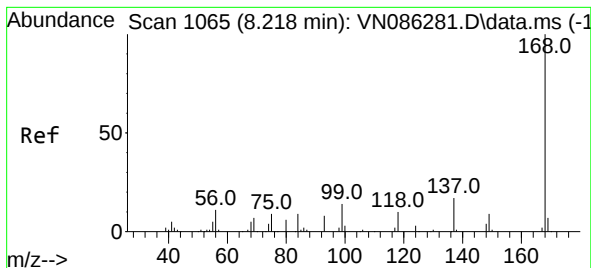
Manual Integrations
APPROVED

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Supervised By :Semsettin Yesilyurt 04/16/2025

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 16 03:42:50 2025
Response via : Initial Calibration

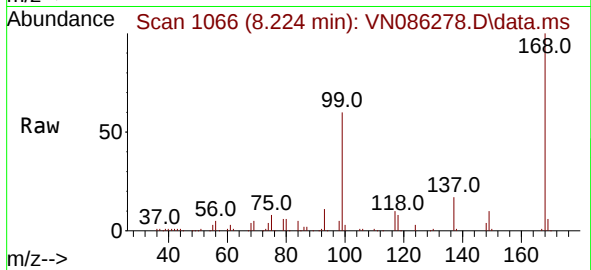
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN086278.D
Acq: 15 Apr 2025 12:21

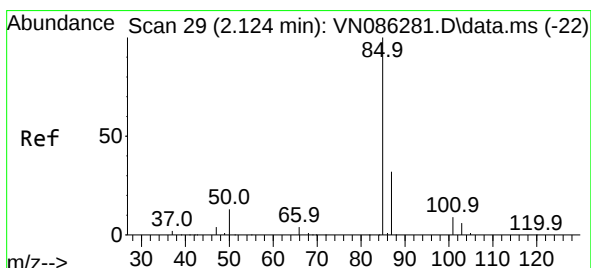
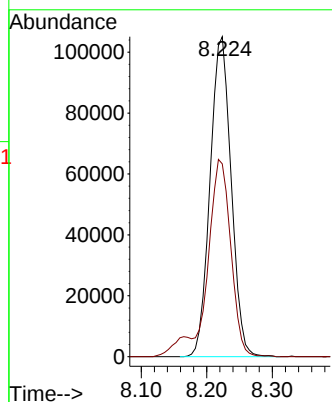
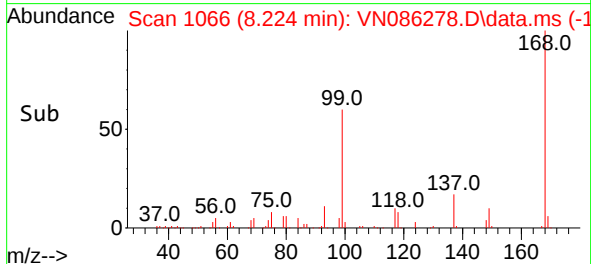
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion:168 Resp: 234470
Ion Ratio Lower Upper
168 100
99 60.2 52.5 78.7

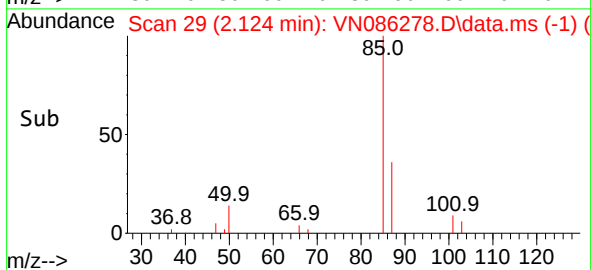
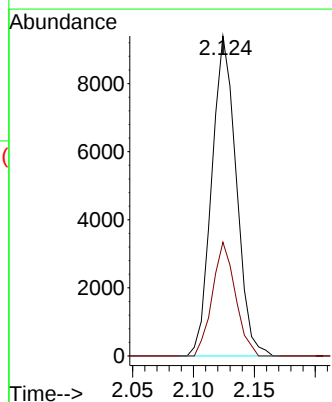
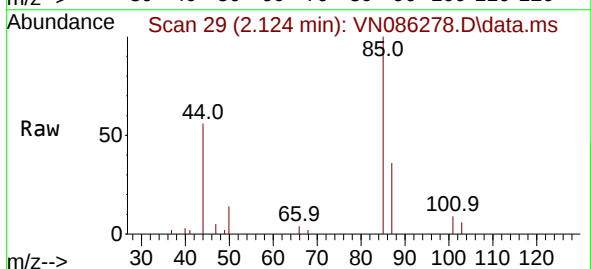
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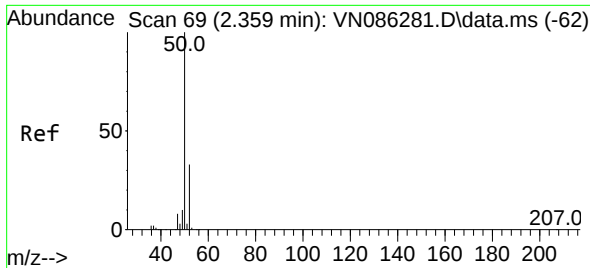
Reviewed By :John Carlone 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025



#2
Dichlorodifluoromethane
Concen: 4.735 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN086278.D
Acq: 15 Apr 2025 12:21

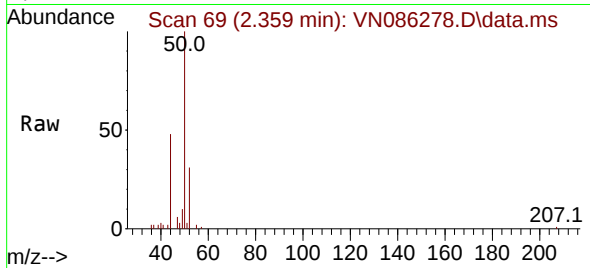
Tgt Ion: 85 Resp: 13162
Ion Ratio Lower Upper
85 100
87 35.6 16.3 48.8





#3
Chloromethane
Concen: 5.246 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN086278.D
Acq: 15 Apr 2025 12:21

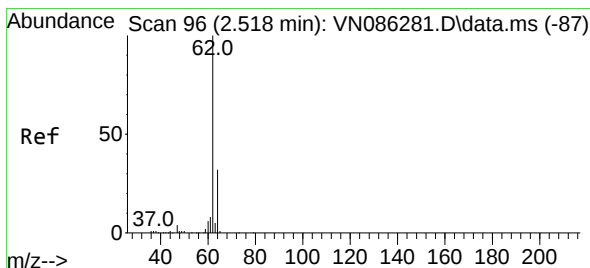
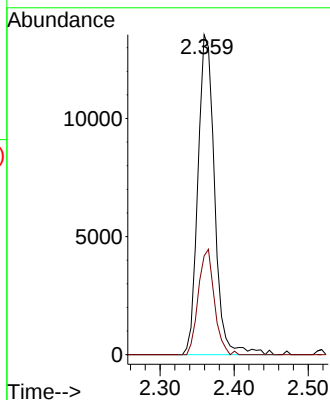
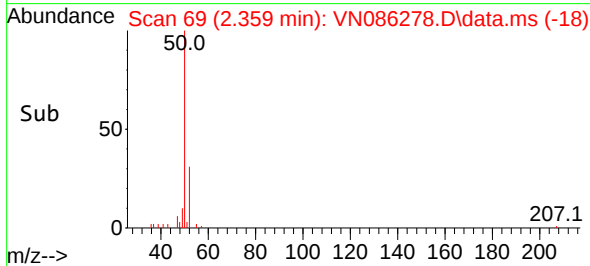
Instrument :
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ClientSampleId :
VSTDICC005



Tgt Ion: 50 Resp: 2119
Ion Ratio Lower Upper
50 100
52 30.8 26.5 39.7

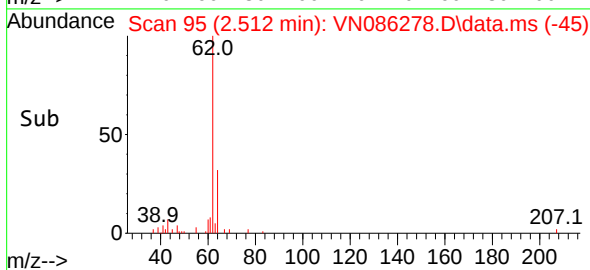
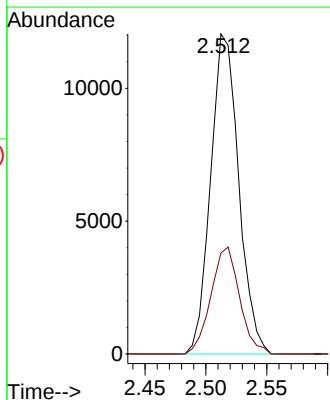
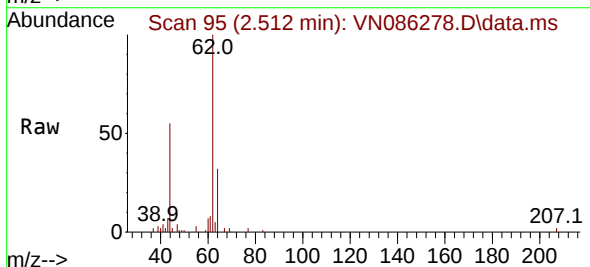
Manual Integrations
APPROVED

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#4
Vinyl Chloride
Concen: 5.018 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.006 min
Lab File: VN086278.D
Acq: 15 Apr 2025 12:21

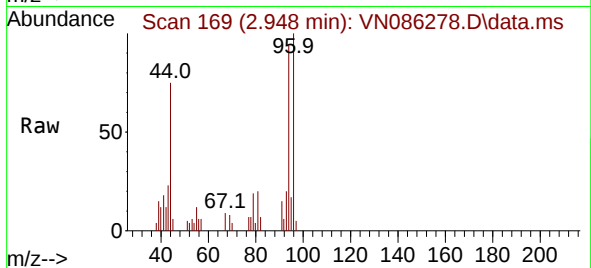
Tgt Ion: 62 Resp: 19342
Ion Ratio Lower Upper
62 100
64 31.5 25.6 38.4





#5
Bromomethane
Concen: 5.180 ug/l
RT: 2.948 min Scan# 110
Delta R.T. -0.006 min
Lab File: VN086278.D
Acq: 15 Apr 2025 12:21

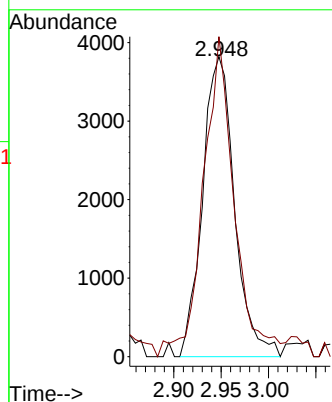
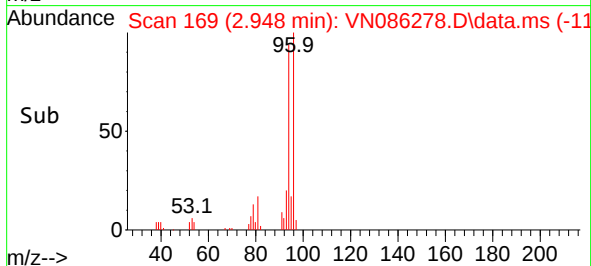
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 94 Resp: 898
Ion Ratio Lower Upper
94 100
96 102.3 75.2 112.8

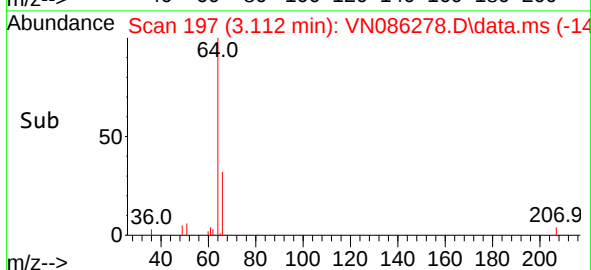
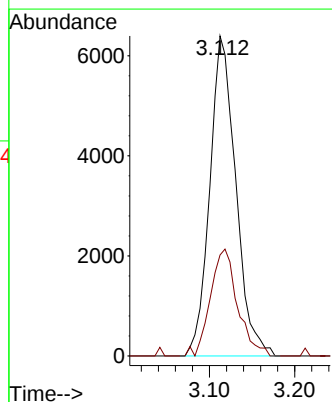
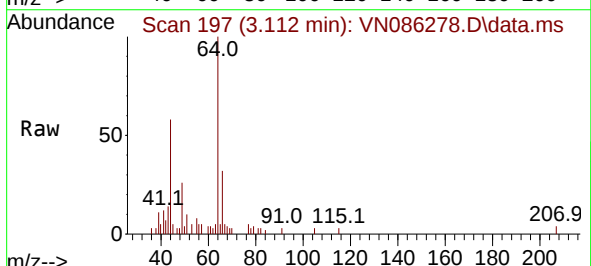
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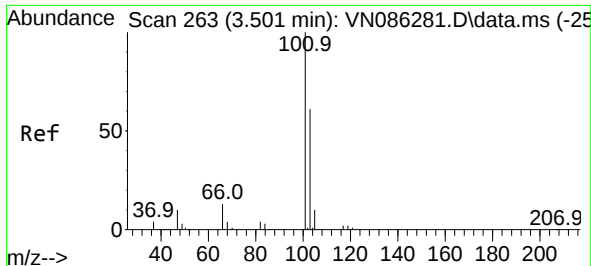
Reviewed By :John Carlone 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025



#6
Chloroethane
Concen: 5.268 ug/l
RT: 3.112 min Scan# 197
Delta R.T. -0.006 min
Lab File: VN086278.D
Acq: 15 Apr 2025 12:21

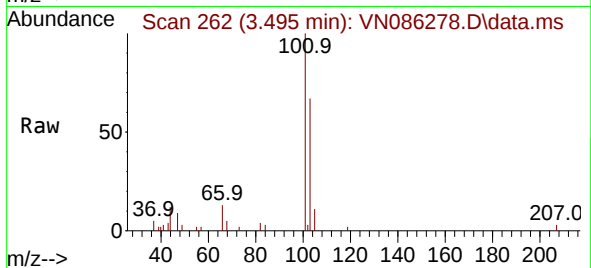
Tgt Ion: 64 Resp: 13592
Ion Ratio Lower Upper
64 100
66 31.6 26.2 39.2





#7
 Trichlorofluoromethane
 Concen: 5.223 ug/l
 RT: 3.495 min Scan# 210
 Delta R.T. -0.006 min
 Lab File: VN086278.D
 Acq: 15 Apr 2025 12:21

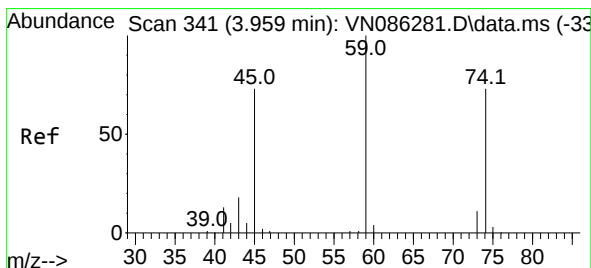
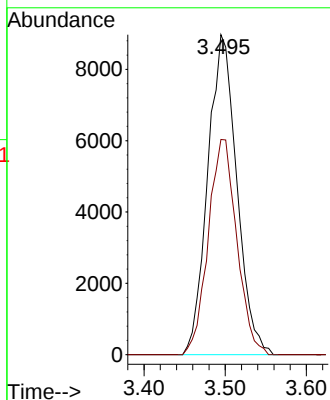
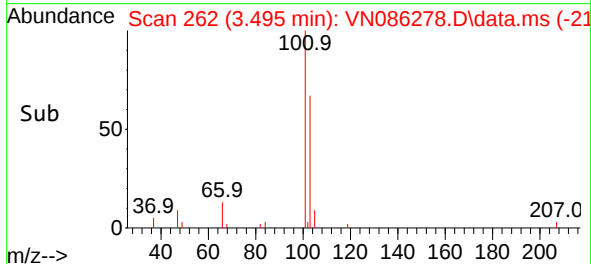
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005



Tgt Ion:101 Resp: 22304
 Ion Ratio Lower Upper
 101 100
 103 67.3 49.2 73.8

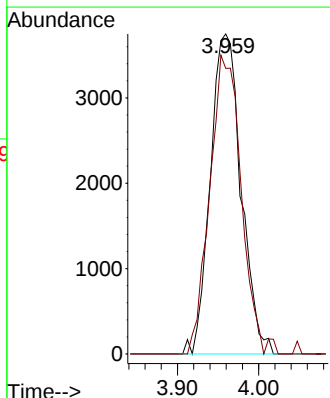
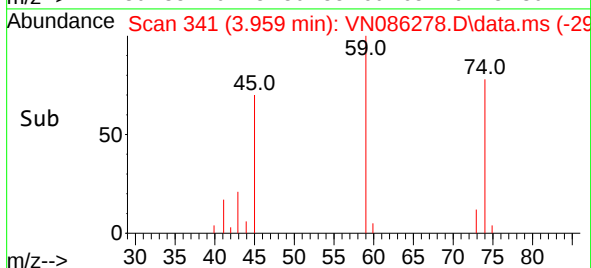
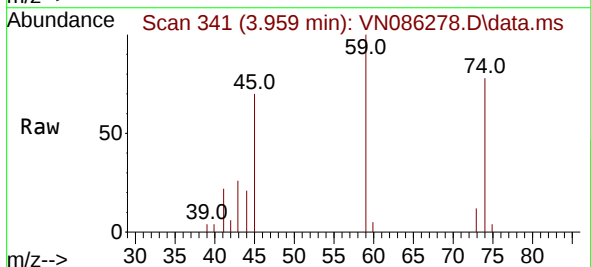
Manual Integrations
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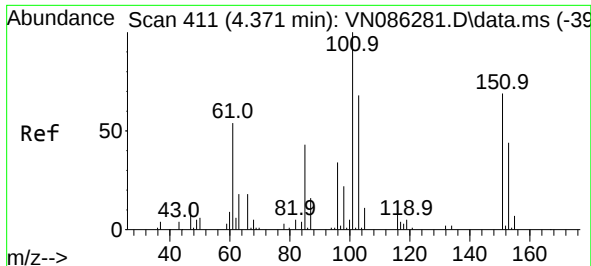
Reviewed By :John Carlone 04/16/2025
 Supervised By :Semsettin Yesilyurt 04/16/2025



#8
 Diethyl Ether
 Concen: 5.291 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. -0.000 min
 Lab File: VN086278.D
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Tgt Ion: 74 Resp: 9862
 Ion Ratio Lower Upper
 74 100
 45 94.4 48.0 144.2





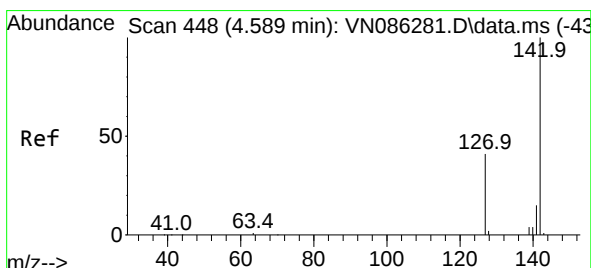
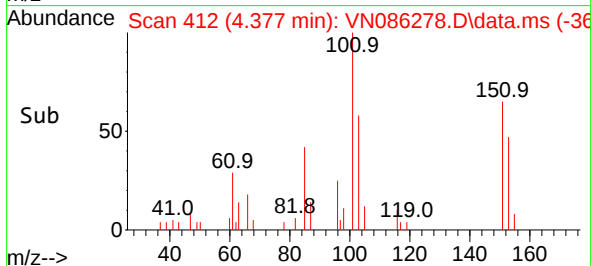
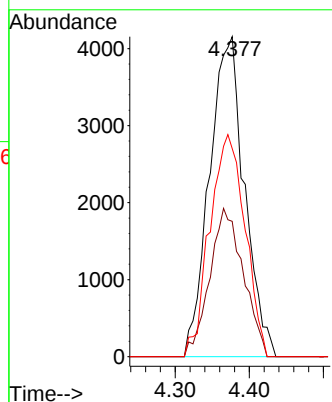
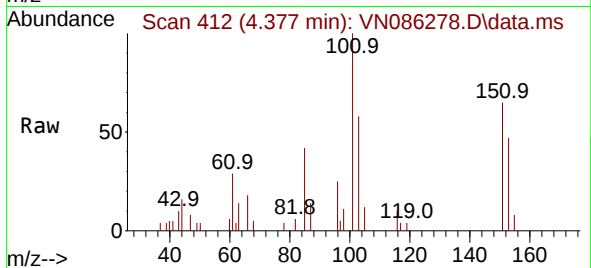
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1,1,2-Trichlorotrifluoroethane
Concen: 5.278 ug/l
RT: 4.377 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN086278.D
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Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:101 Resp: 1363
Ion Ratio Lower Upper
101 100
85 44.6 34.7 52.1
151 69.9 56.1 84.1

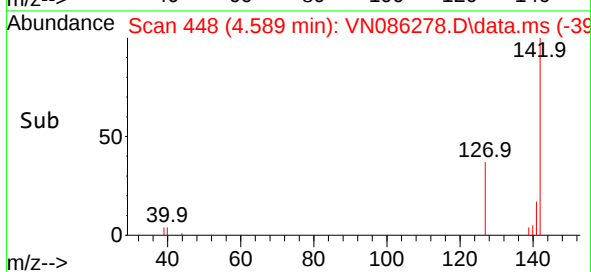
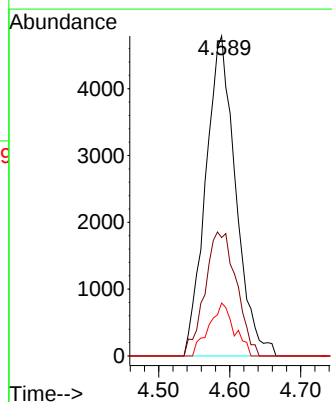
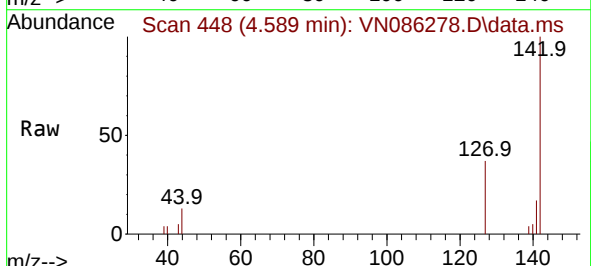
Manual Integrations
APPROVED

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



#10
Methyl Iodide
Concen: 4.941 ug/l
RT: 4.589 min Scan# 448
Delta R.T. -0.000 min
Lab File: VN086278.D
Acq: 15 Apr 2025 12:21

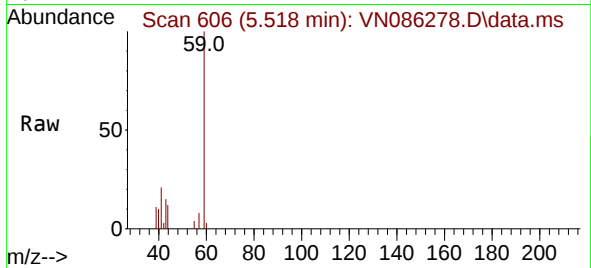
Tgt Ion:142 Resp: 14033
Ion Ratio Lower Upper
142 100
127 37.0 32.7 49.1
141 16.5 11.7 17.5





#11
Tert butyl alcohol
Concen: 27.348 ug/l
RT: 5.518 min Scan# 605
Delta R.T. 0.006 min
Lab File: VN086278.D
Acq: 15 Apr 2025 12:21

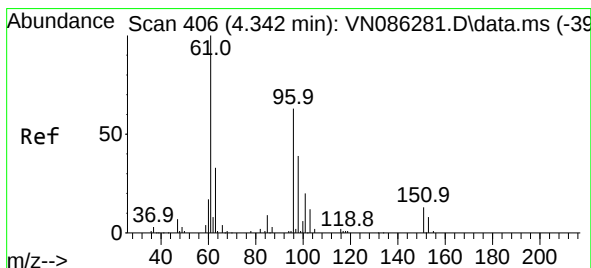
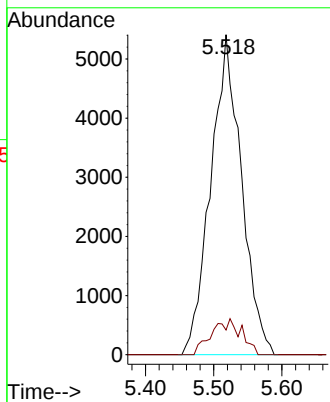
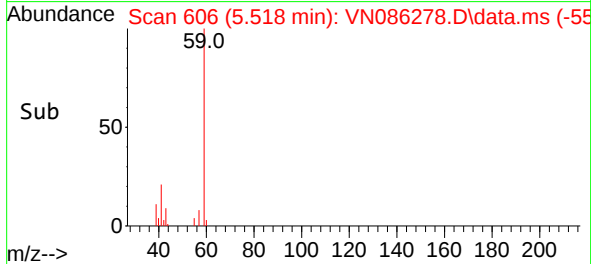
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



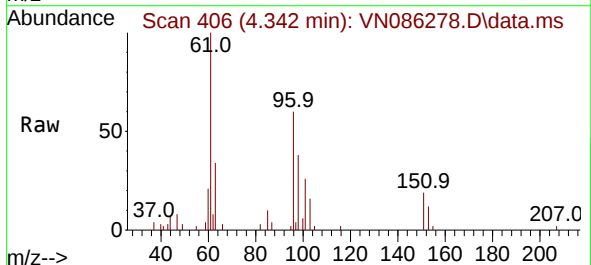
Tgt Ion: 59 Resp: 1696
Ion Ratio Lower Upper
59 100
57 5.8 8.3 12.5

Manual Integrations
APPROVED

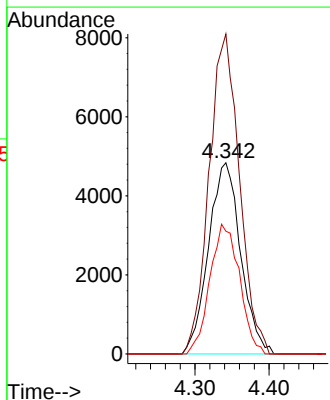
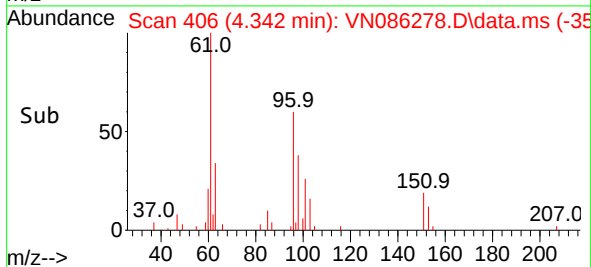
Reviewed By :John Carlone 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025

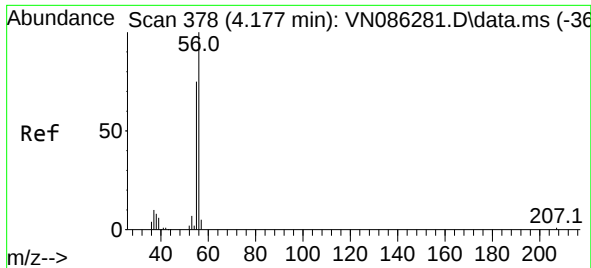


#12
1,1-Dichloroethene
Concen: 5.284 ug/l
RT: 4.342 min Scan# 406
Delta R.T. -0.000 min
Lab File: VN086278.D
Acq: 15 Apr 2025 12:21



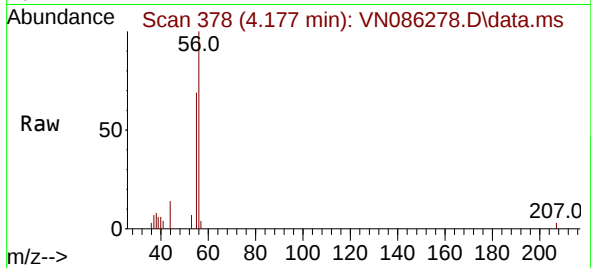
Tgt Ion: 96 Resp: 14583
Ion Ratio Lower Upper
96 100
61 167.4 126.6 189.8
98 64.2 49.6 74.4





#13
Acrolein
Concen: 35.938 ug/l
RT: 4.177 min Scan# 378
Delta R.T. -0.000 min
Lab File: VN086278.D
Acq: 15 Apr 2025 12:21

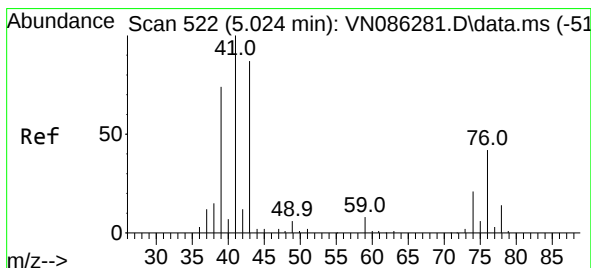
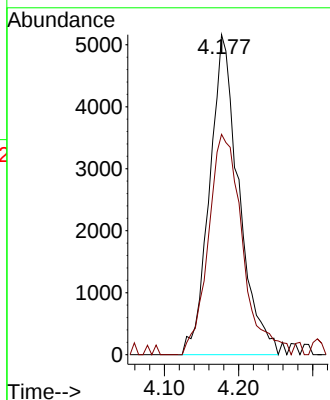
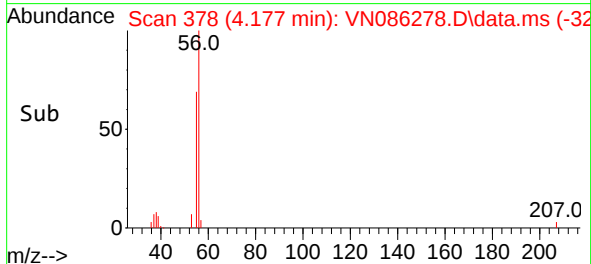
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



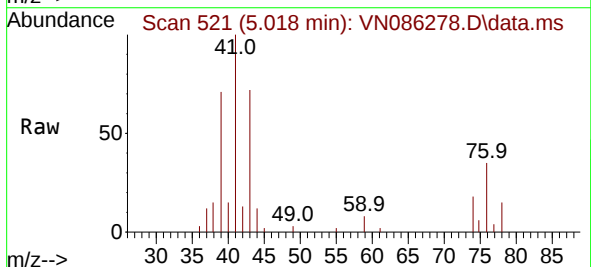
Tgt Ion: 56 Resp: 1413
Ion Ratio Lower Upper
56 100
55 80.3 58.5 87.7

Manual Integrations
APPROVED

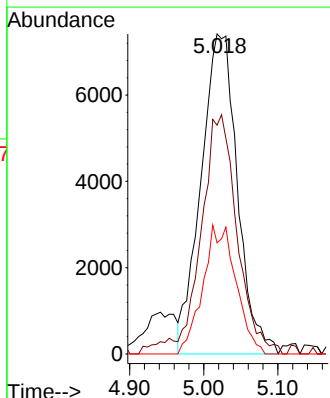
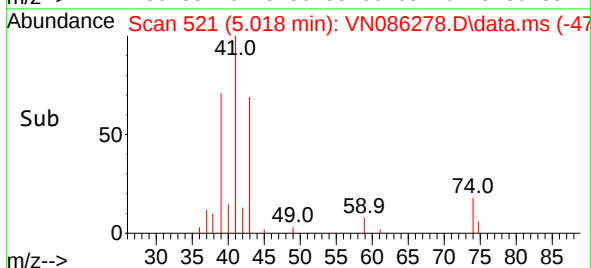
Reviewed By :John Carlone 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025



#14
Allyl chloride
Concen: 5.174 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.006 min
Lab File: VN086278.D
Acq: 15 Apr 2025 12:21



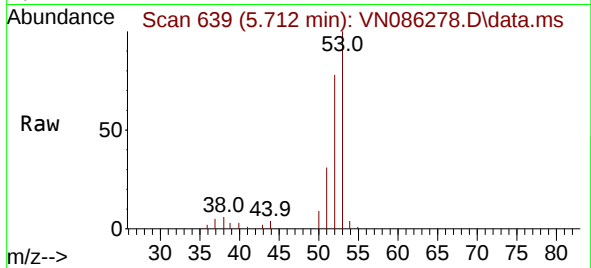
Tgt Ion: 41 Resp: 25369
Ion Ratio Lower Upper
41 100
39 74.8 59.2 88.8
76 36.4 31.2 46.8





#15
Acrylonitrile
Concen: 26.709 ug/l
RT: 5.712 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN086278.D
Acq: 15 Apr 2025 12:21

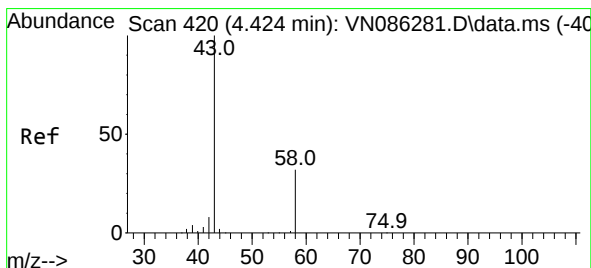
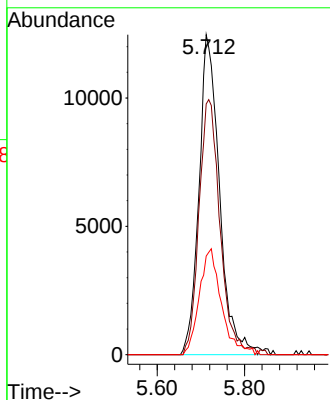
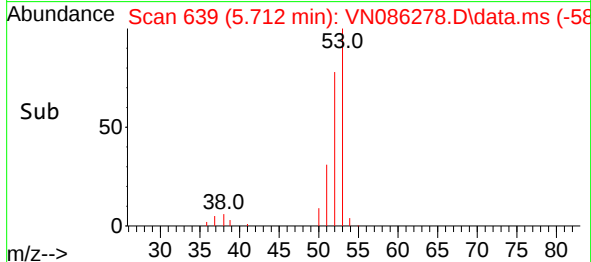
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



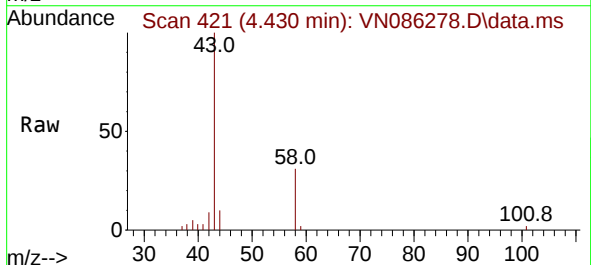
Tgt Ion: 53 Resp: 40960
Ion Ratio Lower Upper
53 100
52 80.2 65.5 98.3
51 35.5 28.6 42.8

Manual Integrations
APPROVED

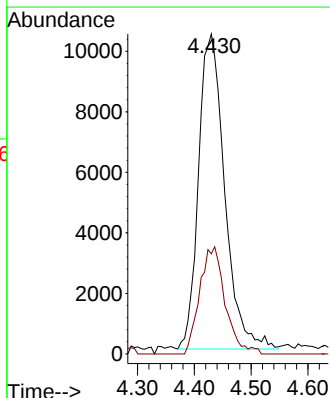
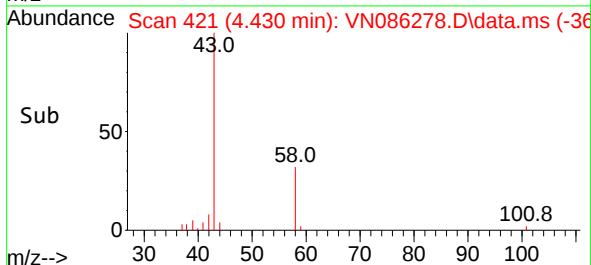
Reviewed By :John Carlone 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025

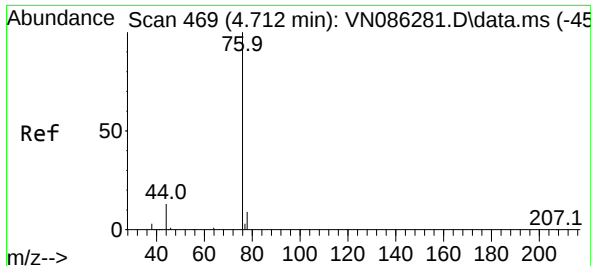


#16
Acetone
Concen: 23.124 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN086278.D
Acq: 15 Apr 2025 12:21



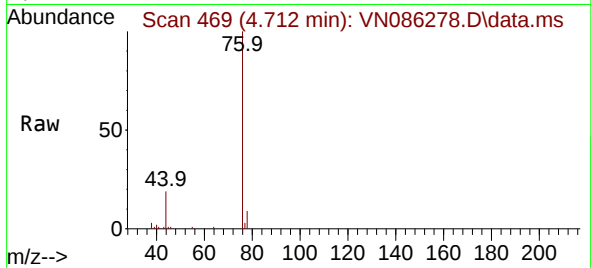
Tgt Ion: 43 Resp: 33298
Ion Ratio Lower Upper
43 100
58 31.8 25.3 37.9





#17
Carbon Disulfide
Concen: 5.289 ug/l
RT: 4.712 min Scan# 469
Delta R.T. -0.000 min
Lab File: VN086278.D
Acq: 15 Apr 2025 12:21

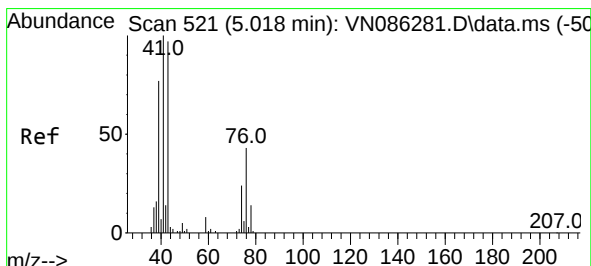
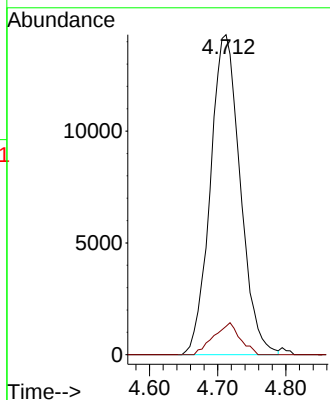
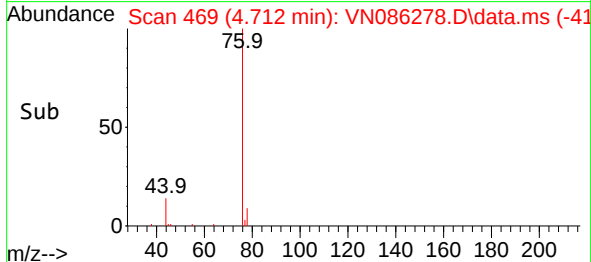
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



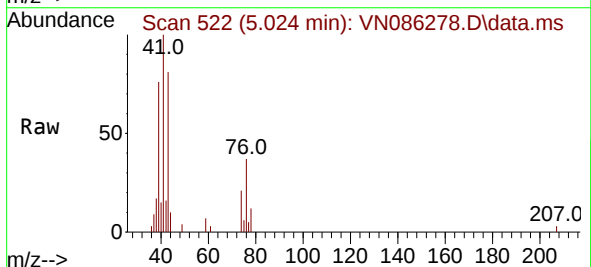
Tgt Ion: 76 Resp: 43700
Ion Ratio Lower Upper
76 100
78 8.8 7.6 11.4

Manual Integrations
APPROVED

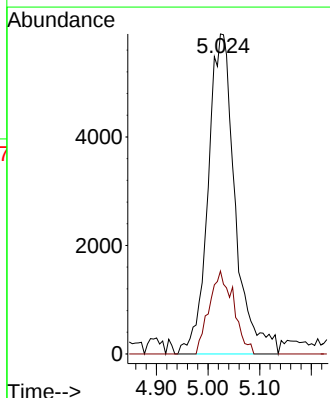
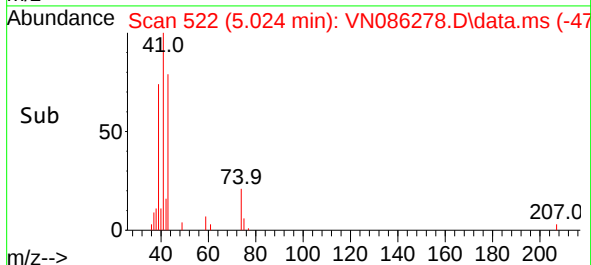
Reviewed By :John Carlone 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025

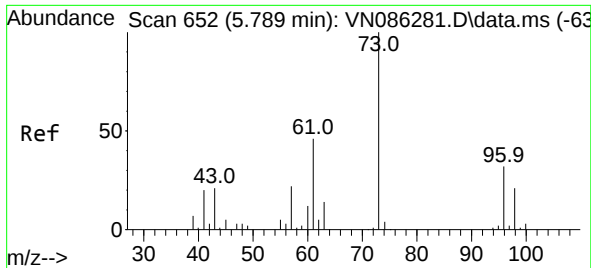


#18
Methyl Acetate
Concen: 5.239 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN086278.D
Acq: 15 Apr 2025 12:21



Tgt Ion: 43 Resp: 21384
Ion Ratio Lower Upper
43 100
74 23.4 19.8 29.6





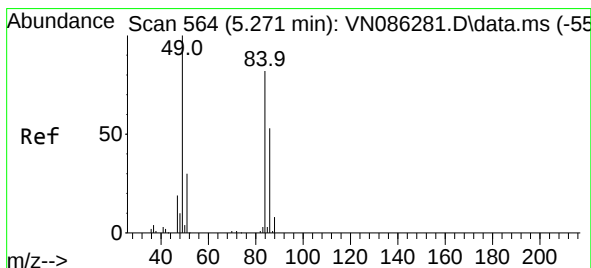
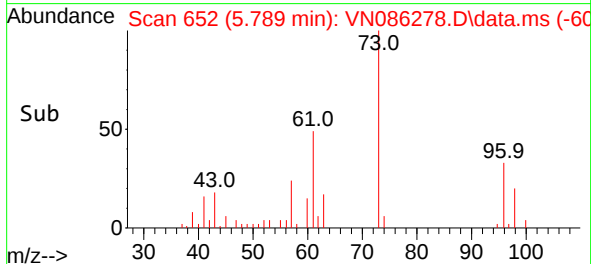
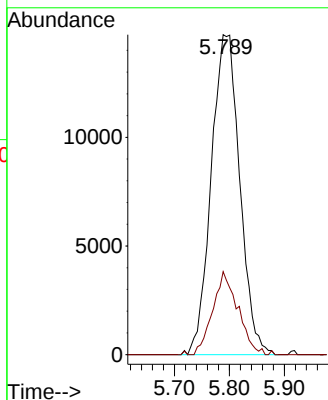
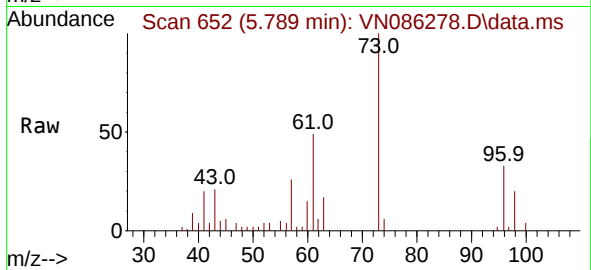
#19
Methyl tert-butyl Ether
Concen: 5.238 ug/l
RT: 5.789 min Scan# 652
Delta R.T. -0.000 min
Lab File: VN086278.D
Acq: 15 Apr 2025 12:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion: 73 Resp: 53138
Ion Ratio Lower Upper
73 100
57 26.0 17.6 26.4

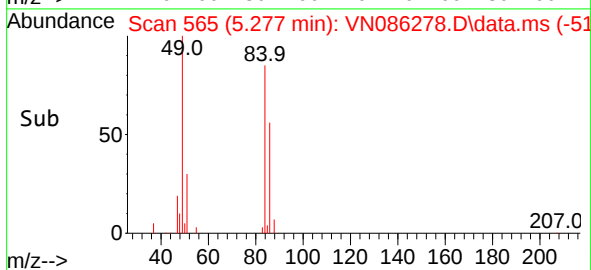
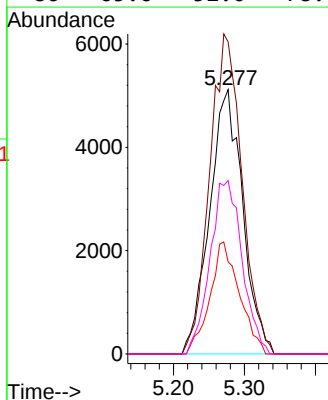
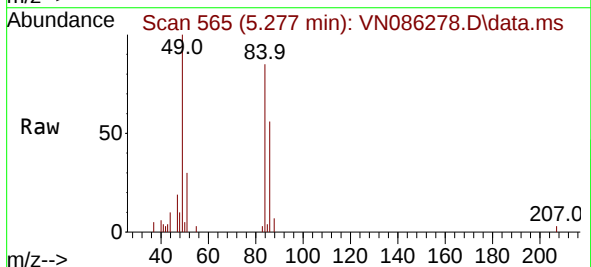
Manual Integrations
APPROVED

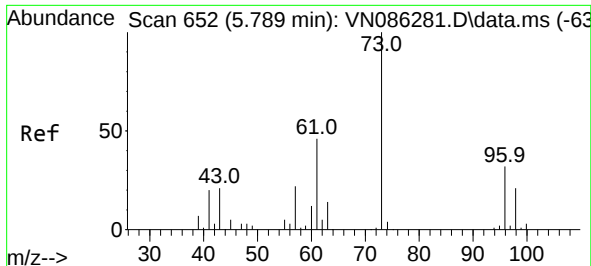
Reviewed By :John Carlone 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025



#20
Methylene Chloride
Concen: 5.270 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.006 min
Lab File: VN086278.D
Acq: 15 Apr 2025 12:21

Tgt Ion: 84 Resp: 16566
Ion Ratio Lower Upper
84 100
49 118.1 98.2 147.2
51 34.9 29.8 44.6
86 65.6 52.0 78.0





#21
trans-1,2-Dichloroethene
Concen: 5.331 ug/l
RT: 5.783 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN086278.D
Acq: 15 Apr 2025 12:21

Instrument :

MSVOA_N

ClientSampleId :

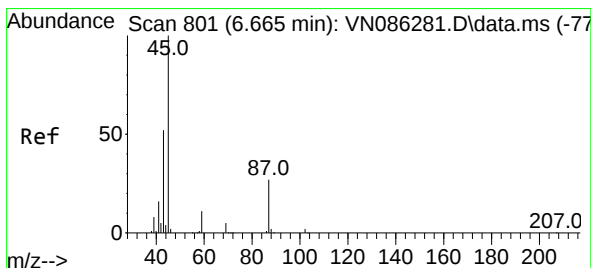
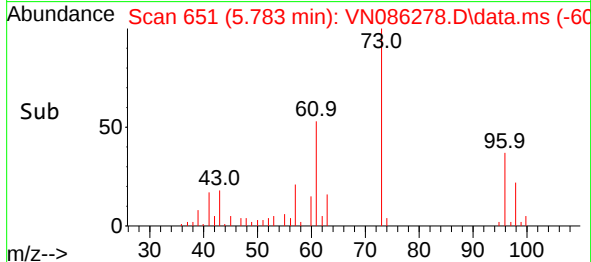
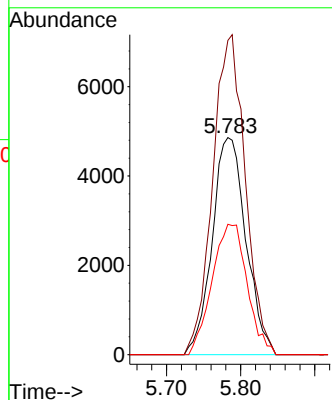
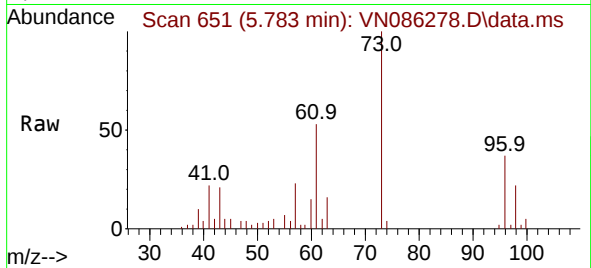
VSTDICC005

Tgt Ion: 96 Resp: 15380
Ion Ratio Lower Upper
96 100
61 144.8 114.6 171.8
98 60.1 51.2 76.8

Manual Integrations

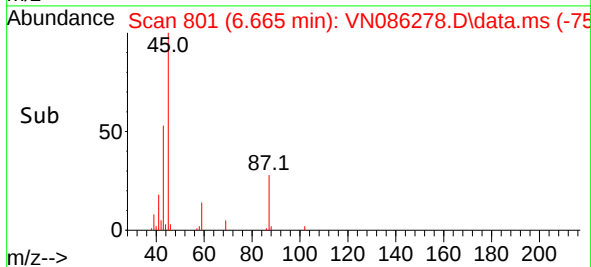
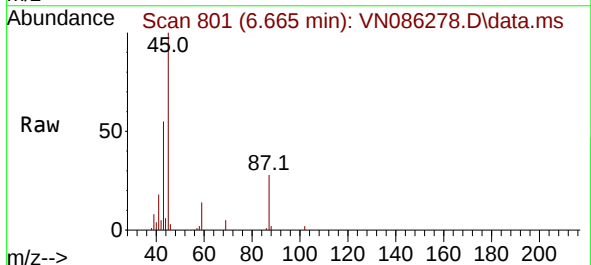
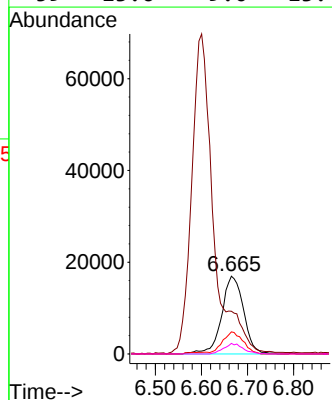
APPROVED

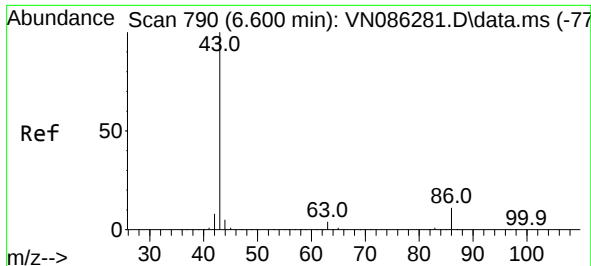
Reviewed By :John Carlone 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025



#22
Diisopropyl ether
Concen: 5.239 ug/l
RT: 6.665 min Scan# 801
Delta R.T. -0.000 min
Lab File: VN086278.D
Acq: 15 Apr 2025 12:21

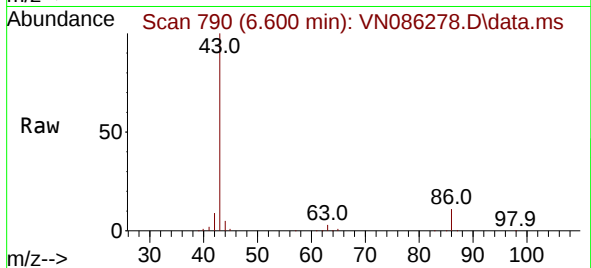
Tgt Ion: 45 Resp: 55913
Ion Ratio Lower Upper
45 100
43 52.8 41.8 62.8
87 28.4 21.6 32.4
59 13.6 9.0 13.4#





#23
 Vinyl Acetate
 Concen: 27.614 ug/l m
 RT: 6.600 min Scan# 790
 Delta R.T. -0.000 min
 Lab File: VN086278.D
 Acq: 15 Apr 2025 12:21

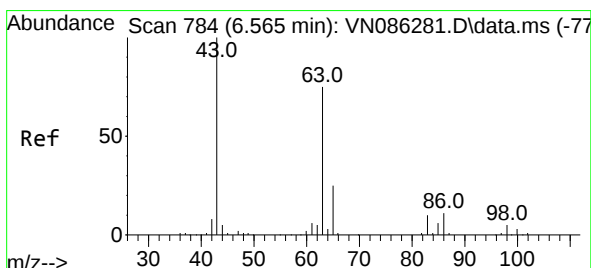
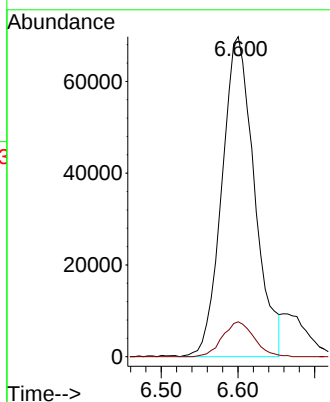
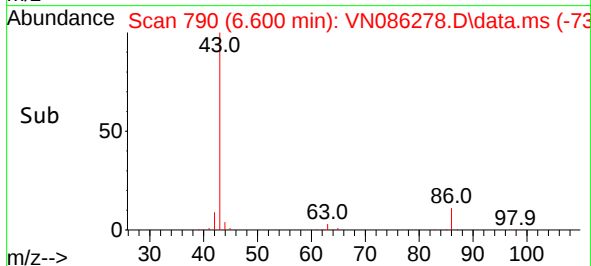
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005



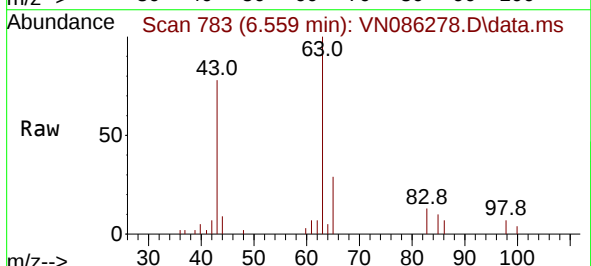
Tgt Ion: 43 Resp: 20595
 Ion Ratio Lower Upper
 43 100
 86 10.9 8.6 13.0

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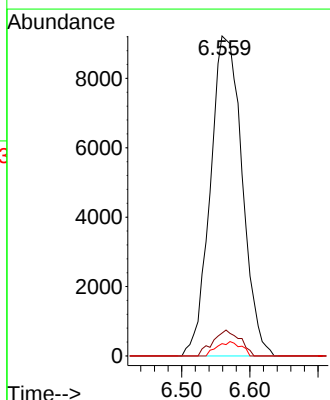
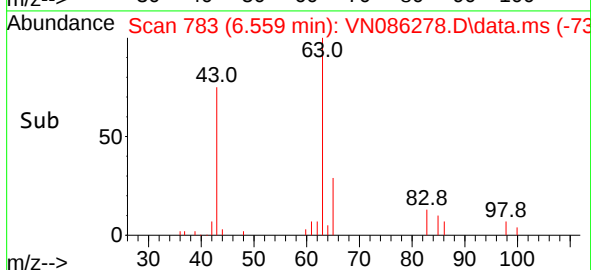
Reviewed By :John Carlone 04/16/2025
 Supervised By :Semsettin Yesilyurt 04/16/2025



#24
 1,1-Dichloroethane
 Concen: 5.304 ug/l
 RT: 6.559 min Scan# 783
 Delta R.T. -0.006 min
 Lab File: VN086278.D
 Acq: 15 Apr 2025 12:21



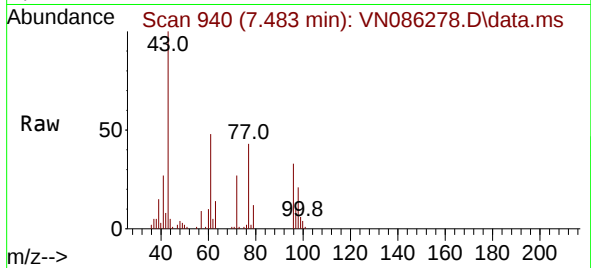
Tgt Ion: 63 Resp: 29865
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.4 10.2
 100 3.9 2.1 6.5





#25
2-Butanone
Concen: 26.210 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.006 min
Lab File: VN086278.D
Acq: 15 Apr 2025 12:21

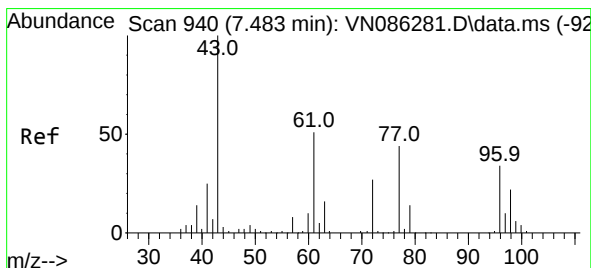
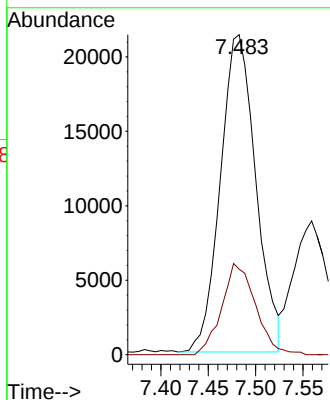
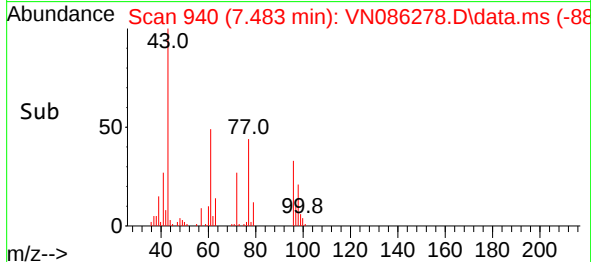
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 43 Resp: 55470
Ion Ratio Lower Upper
43 100
72 26.9 21.7 32.5

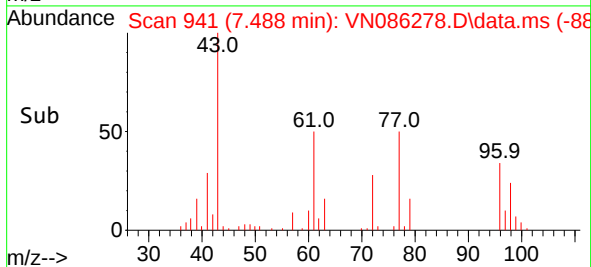
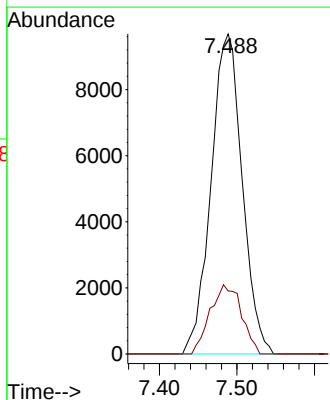
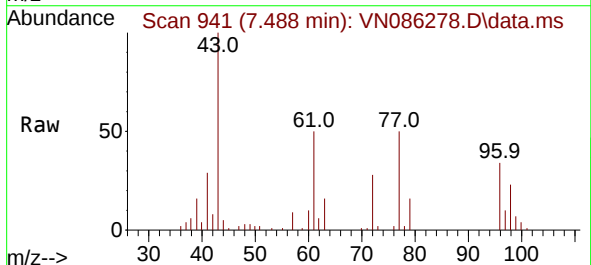
Manual Integrations
APPROVED

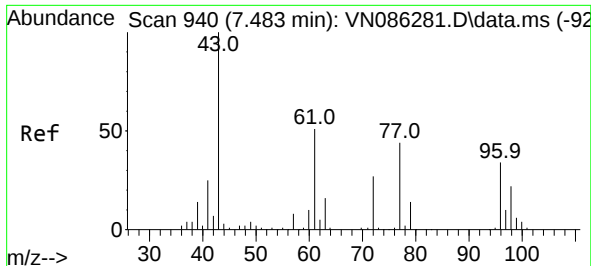
Reviewed By :John Carlone 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025



#26
2,2-Dichloropropane
Concen: 5.365 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN086278.D
Acq: 15 Apr 2025 12:21

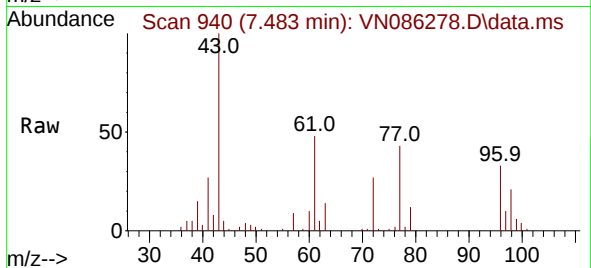
Tgt Ion: 77 Resp: 27048
Ion Ratio Lower Upper
77 100
97 21.7 11.2 33.5





#27
 cis-1,2-Dichloroethene
 Concen: 5.301 ug/l
 RT: 7.483 min Scan# 940
 Delta R.T. -0.000 min
 Lab File: VN086278.D
 Acq: 15 Apr 2025 12:21

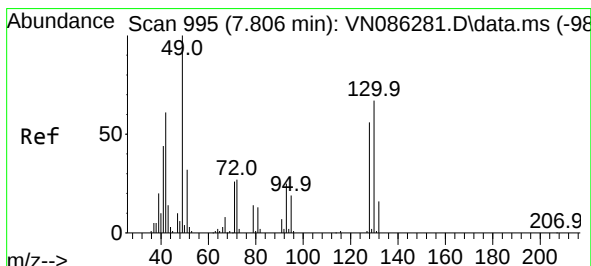
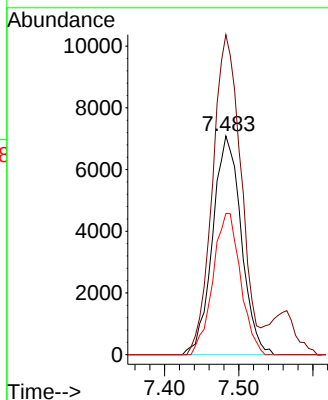
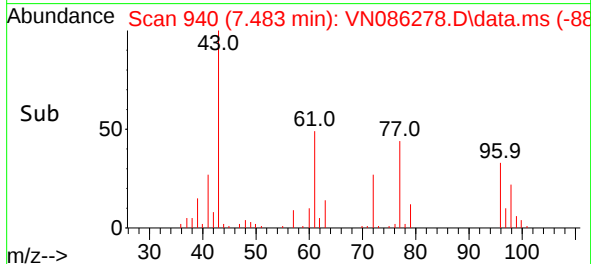
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005



Tgt Ion: 96 Resp: 1898
 Ion Ratio Lower Upper
 96 100
 61 145.6 0.0 299.0
 98 62.3 0.0 129.6

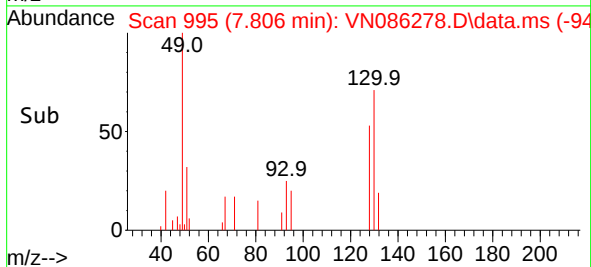
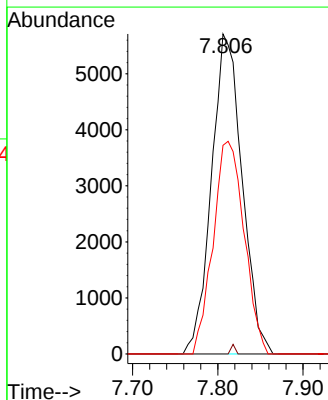
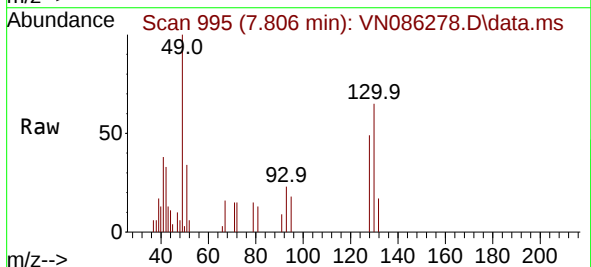
Manual Integrations
 APPROVED

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



#28
 Bromochloromethane
 Concen: 5.967 ug/l
 RT: 7.806 min Scan# 995
 Delta R.T. -0.000 min
 Lab File: VN086278.D
 Acq: 15 Apr 2025 12:21

Tgt Ion: 49 Resp: 14246
 Ion Ratio Lower Upper
 49 100
 129 0.4 0.0 3.4
 130 67.3 57.1 85.7





#29

Tetrahydrofuran

Concen: 26.453 ug/l

RT: 7.841 min Scan# 1001

Delta R.T. 0.006 min

Lab File: VN086278.D

Acq: 15 Apr 2025 12:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

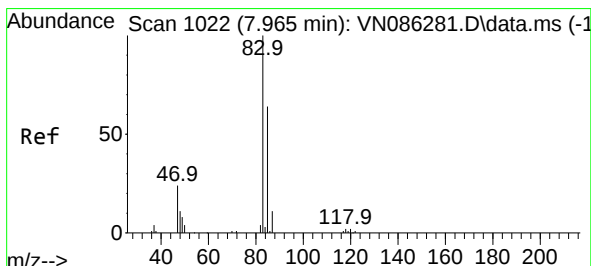
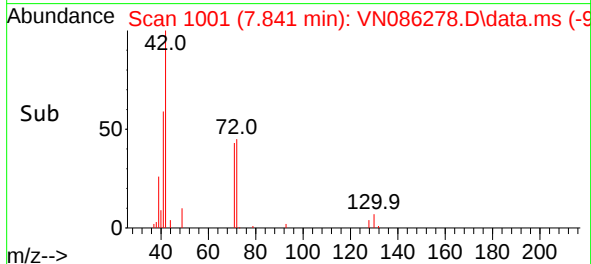
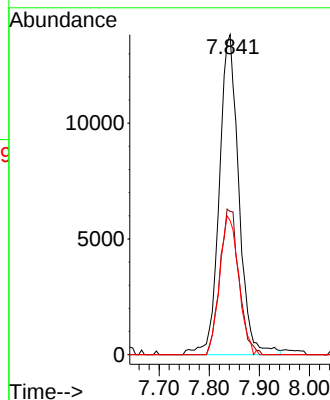
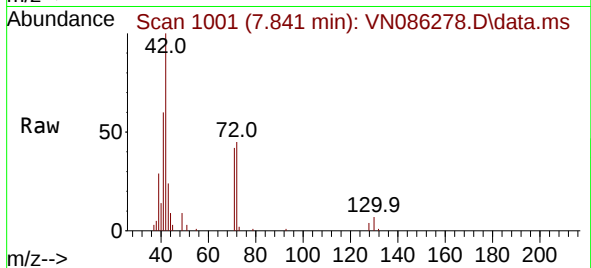
Tgt Ion:	42	Resp:	3743
Ion	Ratio	Lower	Upper
42	100		
72	44.3	36.2	54.4
71	42.1	34.0	51.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/16/2025

Supervised By :Semsettin Yesilyurt 04/16/2025



#30

Chloroform

Concen: 5.225 ug/l

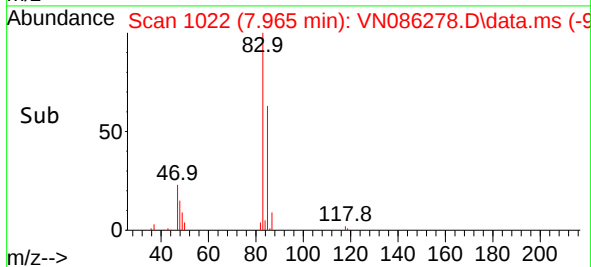
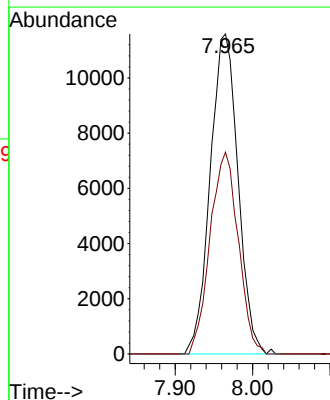
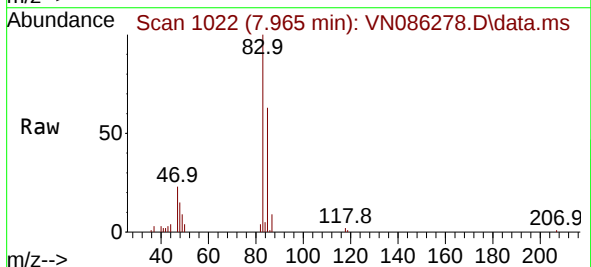
RT: 7.965 min Scan# 1022

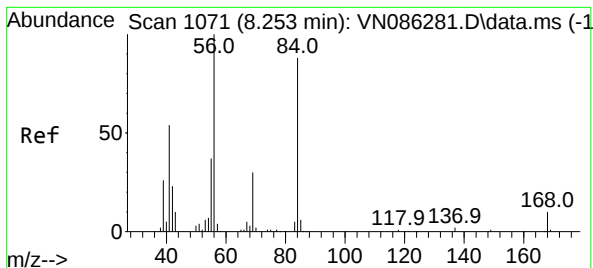
Delta R.T. -0.000 min

Lab File: VN086278.D

Acq: 15 Apr 2025 12:21

Tgt Ion:	83	Resp:	28901
Ion	Ratio	Lower	Upper
83	100		
85	63.0	51.5	77.3





#31

Cyclohexane

Concen: 6.122 ug/l

RT: 8.253 min Scan# 1071

Delta R.T. -0.000 min

Lab File: VN086278.D

Acq: 15 Apr 2025 12:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tgt Ion: 56 Resp: 33730

Ion Ratio Lower Upper

56 100

69 32.0 24.2 36.2

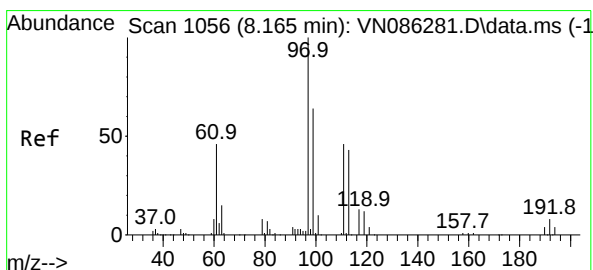
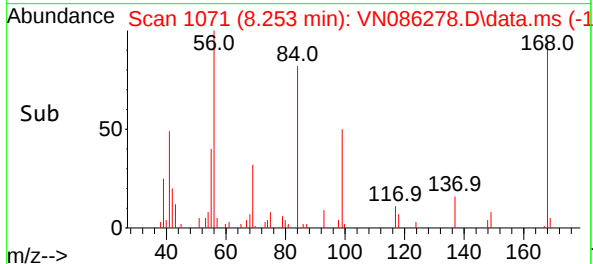
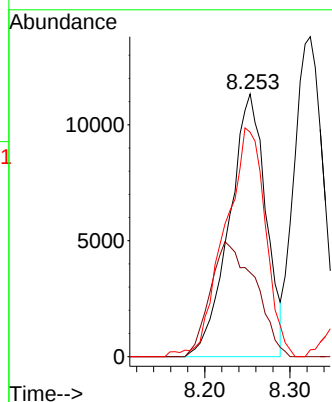
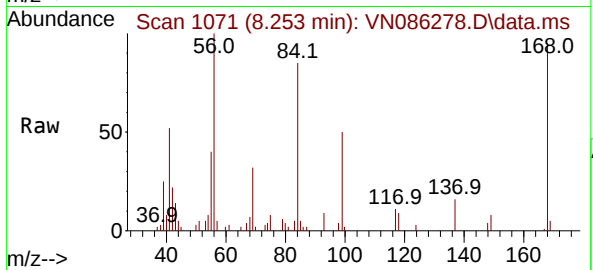
84 83.8 70.3 105.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/16/2025

Supervised By :Semsettin Yesilyurt 04/16/2025



#32

1,1,1-Trichloroethane

Concen: 5.365 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN086278.D

Acq: 15 Apr 2025 12:21

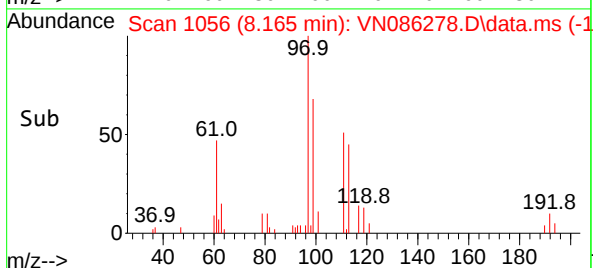
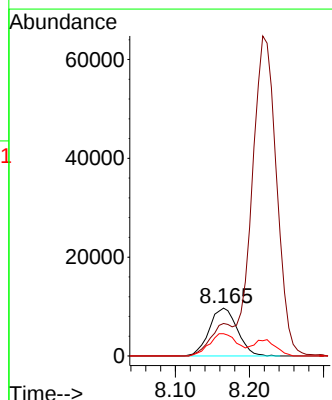
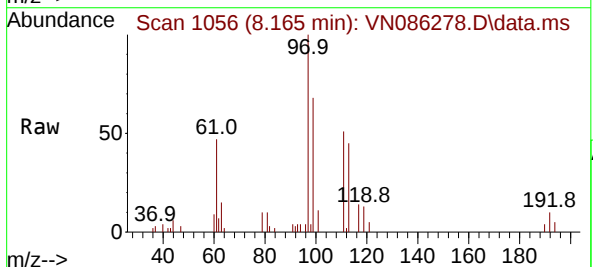
Tgt Ion: 97 Resp: 25387

Ion Ratio Lower Upper

97 100

99 53.1 52.7 79.1

61 46.2 39.5 59.3





#33
 1,2-Dichloroethane-d4
 Concen: 5.143 ug/l
 RT: 8.577 min Scan# 1126
 Delta R.T. -0.000 min
 Lab File: VN086278.D
 Acq: 15 Apr 2025 12:21

Instrument :

MSVOA_N

ClientSampleId :

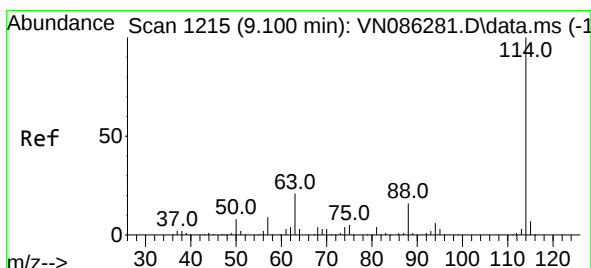
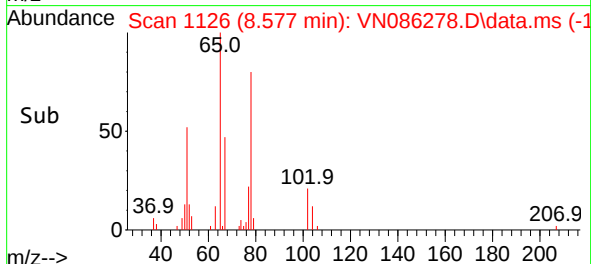
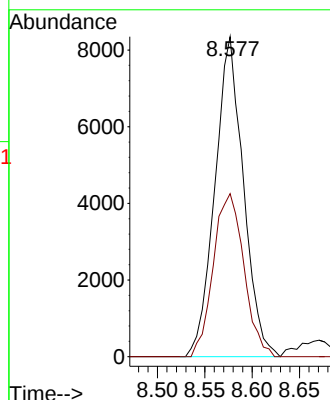
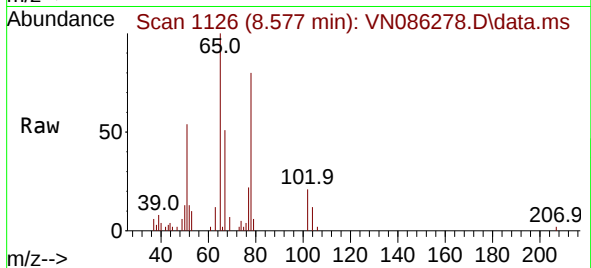
VSTDICC005

Tgt Ion: 65 Resp: 1748
 Ion Ratio Lower Upper
 65 100
 67 54.6 0.0 106.0

Manual Integrations

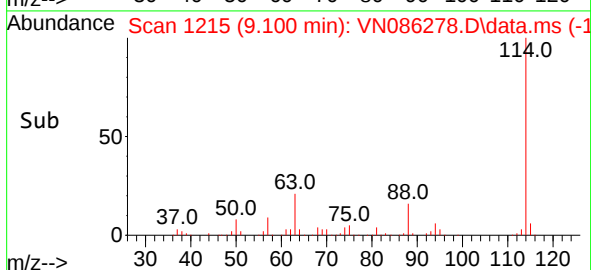
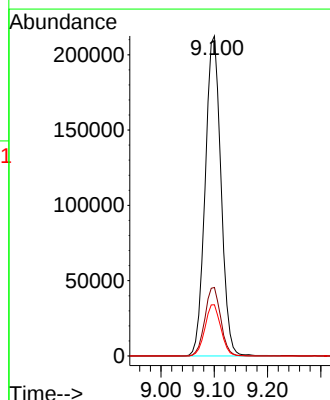
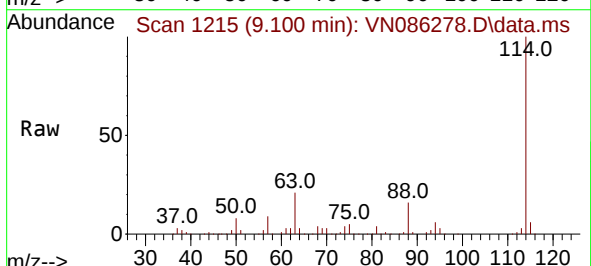
APPROVED

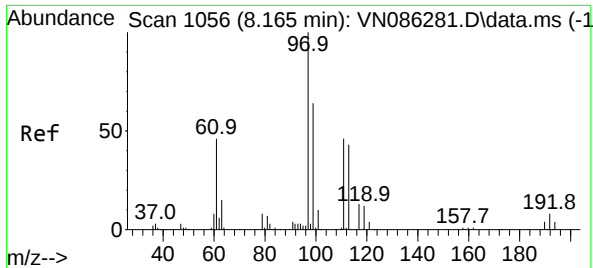
Reviewed By :John Carlone 04/16/2025
 Supervised By :Semsettin Yesilyurt 04/16/2025



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.100 min Scan# 1215
 Delta R.T. -0.000 min
 Lab File: VN086278.D
 Acq: 15 Apr 2025 12:21

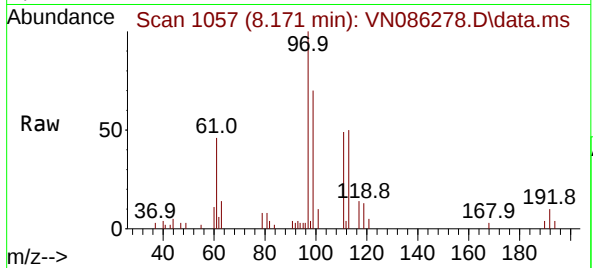
Tgt Ion:114 Resp: 436245
 Ion Ratio Lower Upper
 114 100
 63 21.4 0.0 42.6
 88 16.0 0.0 31.8





#35
Dibromofluoromethane
Concen: 5.759 ug/l
RT: 8.171 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN086278.D
Acq: 15 Apr 2025 12:21

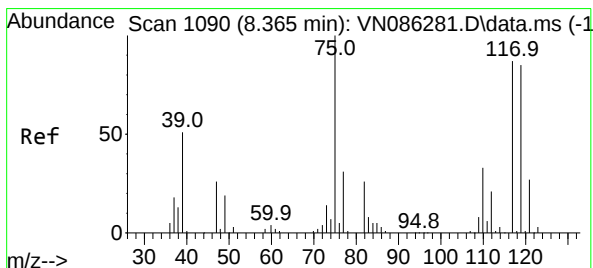
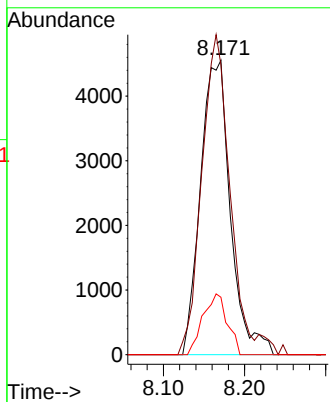
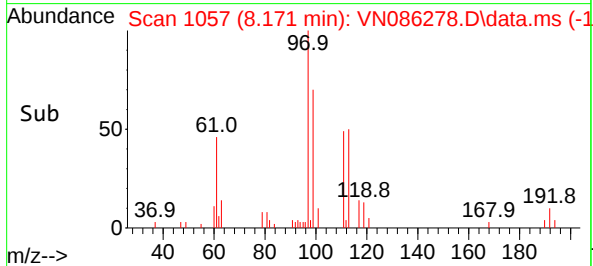
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



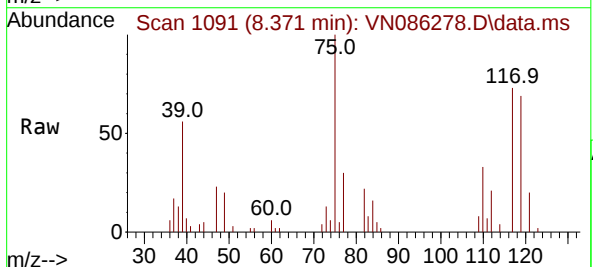
Tgt Ion: 113 Resp: 11660
Ion Ratio Lower Upper
113 100
111 100.7 83.4 125.0
192 16.7 13.7 20.5

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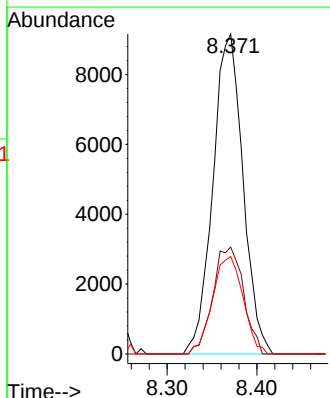
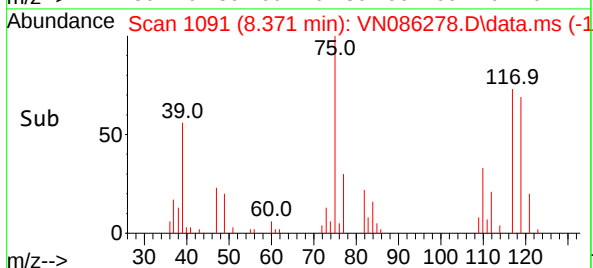
Reviewed By :John Carlone 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025

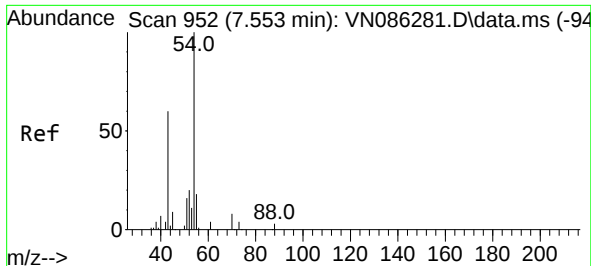


#36
1,1-Dichloropropene
Concen: 5.270 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.006 min
Lab File: VN086278.D
Acq: 15 Apr 2025 12:21



Tgt Ion: 75 Resp: 21310
Ion Ratio Lower Upper
75 100
110 34.0 16.8 50.4
77 31.0 24.9 37.3





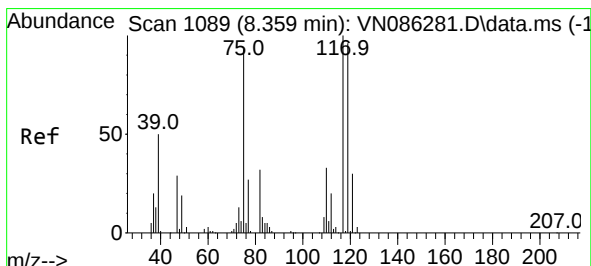
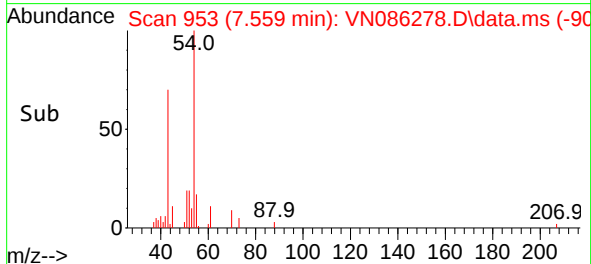
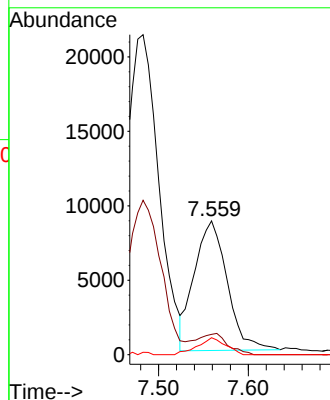
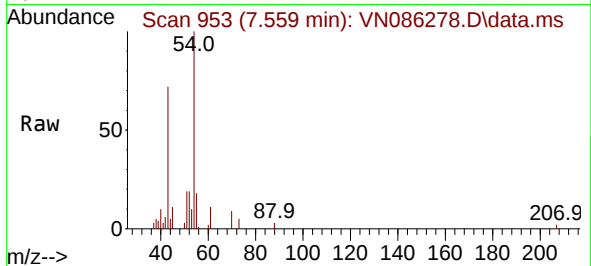
#37
Ethyl Acetate
Concen: 5.216 ug/l
RT: 7.559 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN086278.D
Acq: 15 Apr 2025 12:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion: 43 Resp: 22200
Ion Ratio Lower Upper
43 100
61 14.5 11.1 16.7
70 11.0 9.2 13.8

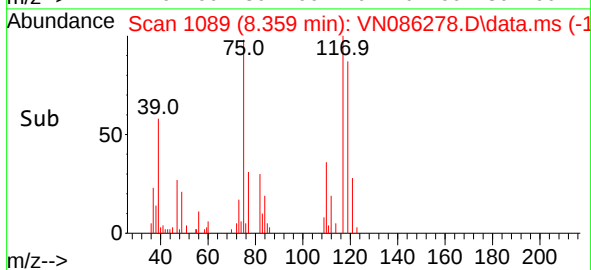
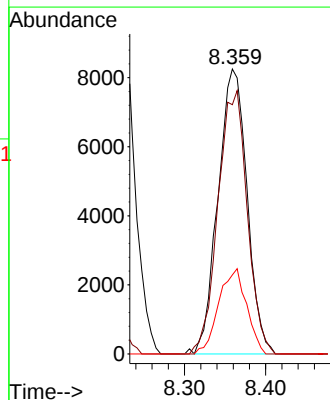
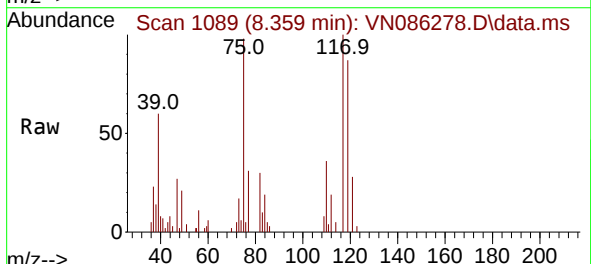
Manual Integrations
APPROVED

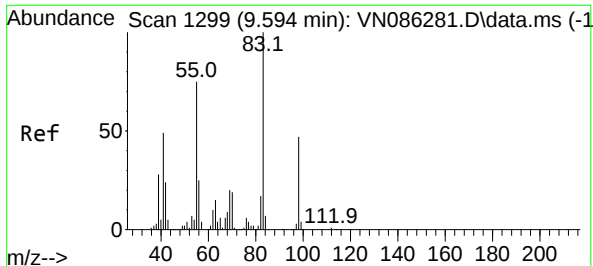
Reviewed By :John Carlone 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025



#38
Carbon Tetrachloride
Concen: 5.335 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VN086278.D
Acq: 15 Apr 2025 12:21

Tgt Ion:117 Resp: 20544
Ion Ratio Lower Upper
117 100
119 87.5 76.8 115.2
121 27.7 23.8 35.8





#39

Methylcyclohexane

Concen: 5.251 ug/l

RT: 9.594 min Scan# 1299

Delta R.T. -0.000 min

Lab File: VN086278.D

Acq: 15 Apr 2025 12:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

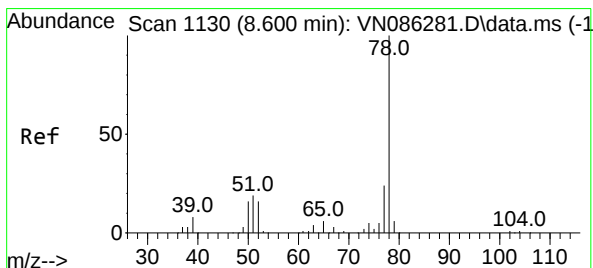
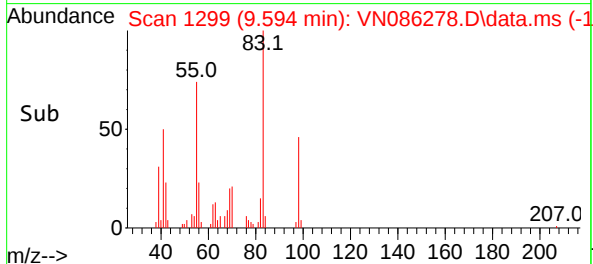
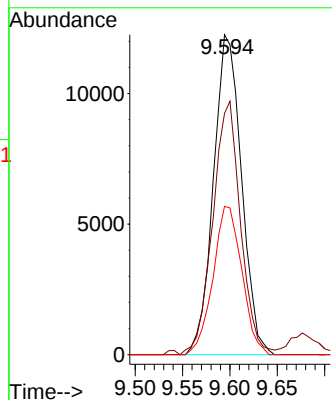
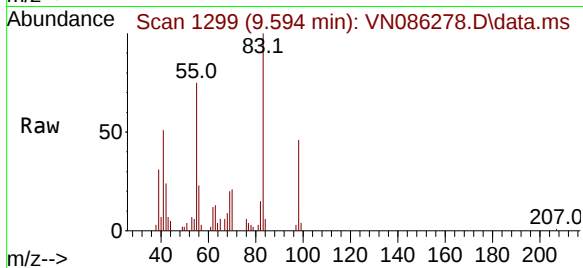
Tgt Ion:	83	Resp:	2524
Ion Ratio	Lower	Upper	
83	100		
55	75.4	59.8	89.8
98	46.3	37.9	56.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/16/2025

Supervised By :Semsettin Yesilyurt 04/16/2025



#40

Benzene

Concen: 5.202 ug/l

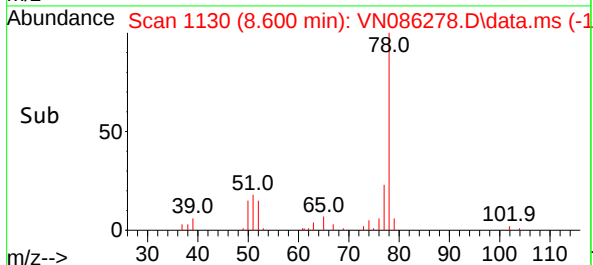
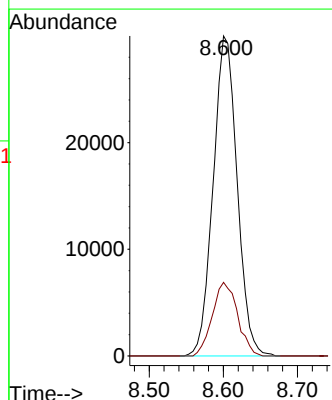
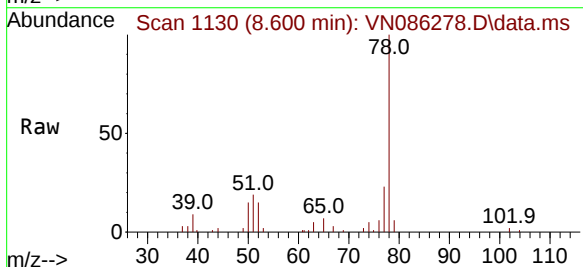
RT: 8.600 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN086278.D

Acq: 15 Apr 2025 12:21

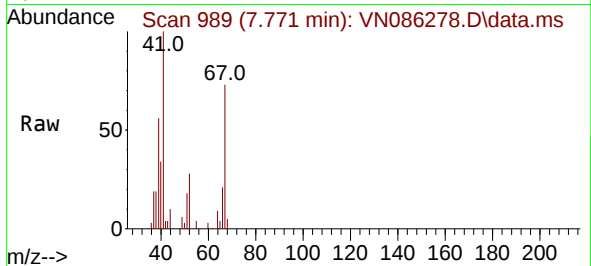
Tgt Ion:	78	Resp:	67406
Ion Ratio	Lower	Upper	
78	100		
77	23.0	19.4	29.2





#41
Methacrylonitrile
Concen: 5.047 ug/l
RT: 7.771 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN086278.D
Acq: 15 Apr 2025 12:21

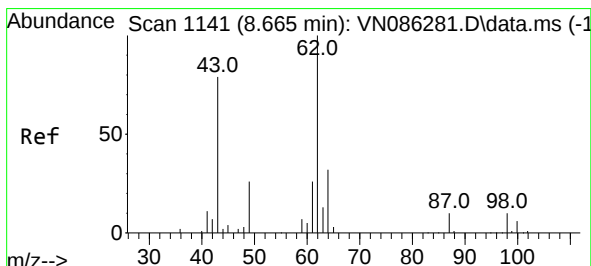
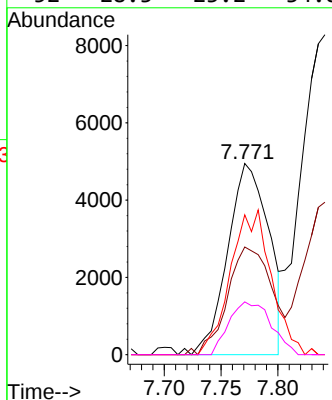
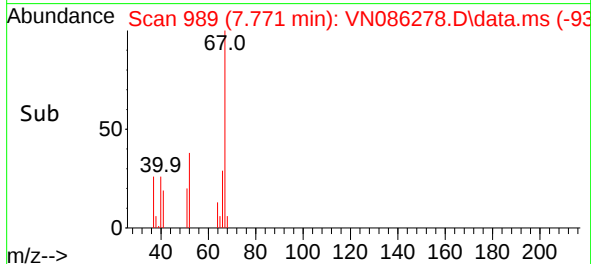
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion:	41	Resp:	1245
Ion	Ratio	Lower	Upper
41	100		
39	61.1	43.0	64.4
67	75.0	58.8	88.2
52	28.3	23.2	34.8

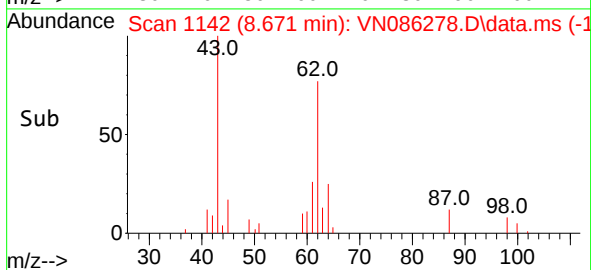
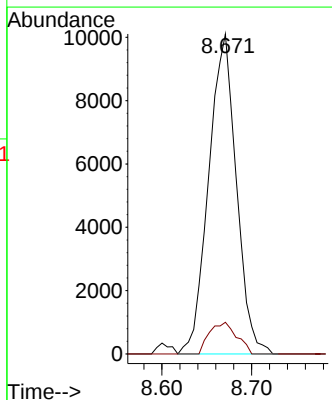
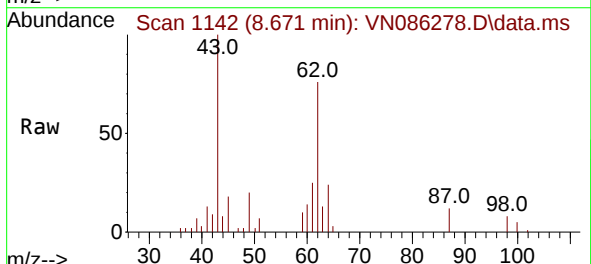
Manual Integrations
APPROVED

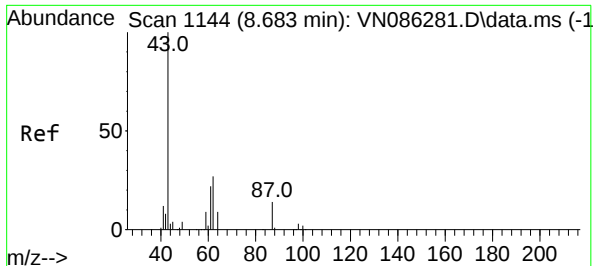
Reviewed By :John Carlone 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025



#42
1,2-Dichloroethane
Concen: 5.237 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.006 min
Lab File: VN086278.D
Acq: 15 Apr 2025 12:21

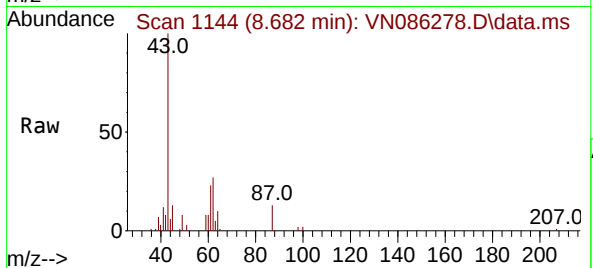
Tgt Ion:	62	Resp:	21638
Ion	Ratio	Lower	Upper
62	100		
98	9.7	0.0	19.2





#43
Isopropyl Acetate
Concen: 5.444 ug/l
RT: 8.682 min Scan# 1144
Delta R.T. -0.001 min
Lab File: VN086278.D
Acq: 15 Apr 2025 12:21

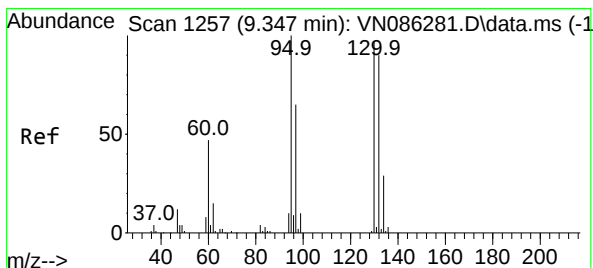
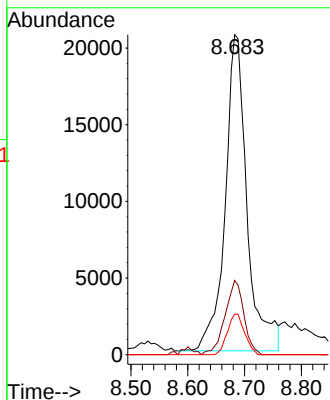
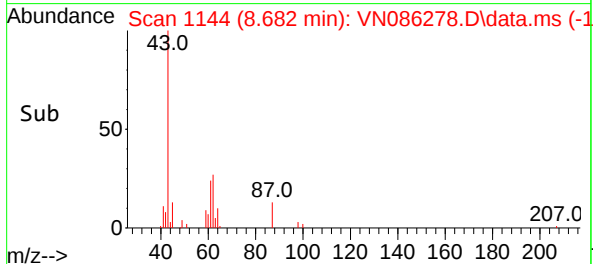
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 43 Resp: 5510
Ion Ratio Lower Upper
43 100
61 20.2 20.5 30.7
87 10.1 10.5 15.7

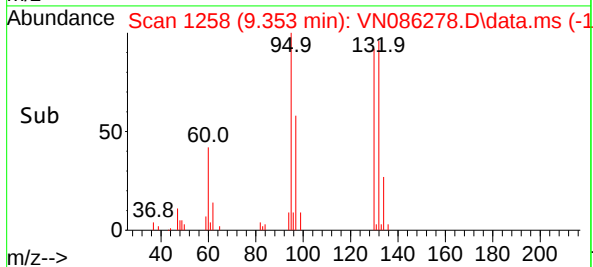
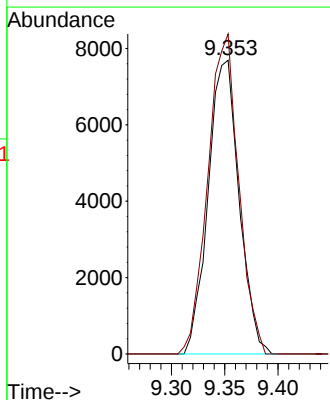
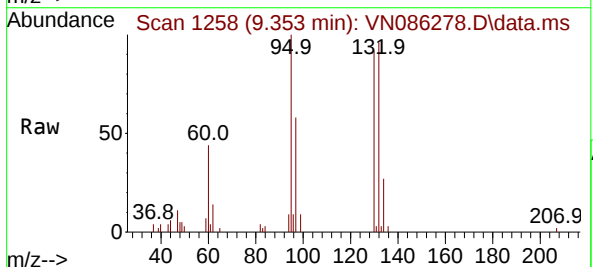
Manual Integrations
APPROVED

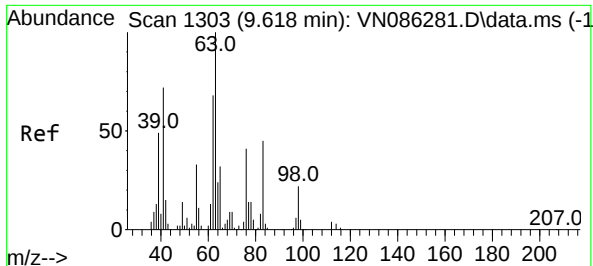
Reviewed By :John Carlone 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025



#44
Trichloroethene
Concen: 5.067 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.006 min
Lab File: VN086278.D
Acq: 15 Apr 2025 12:21

Tgt Ion:130 Resp: 15562
Ion Ratio Lower Upper
130 100
95 108.9 0.0 207.2





#45

1,2-Dichloropropane

Concen: 5.272 ug/l

RT: 9.618 min Scan# 1303

Delta R.T. -0.000 min

Lab File: VN086278.D

Acq: 15 Apr 2025 12:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tgt Ion: 63 Resp: 16719

Ion Ratio Lower Upper

63 100

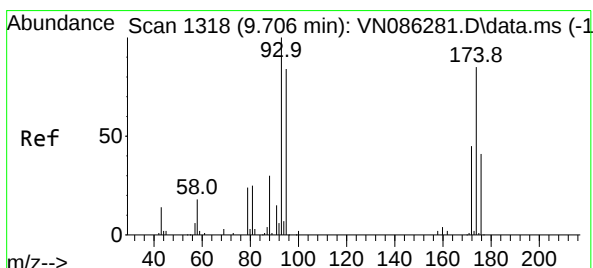
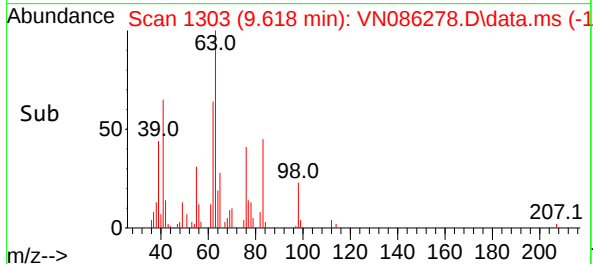
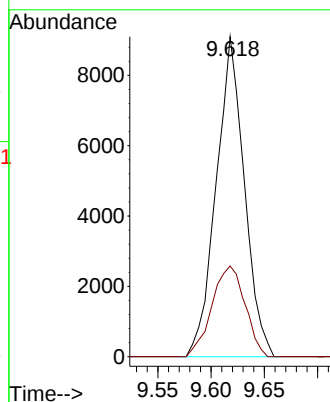
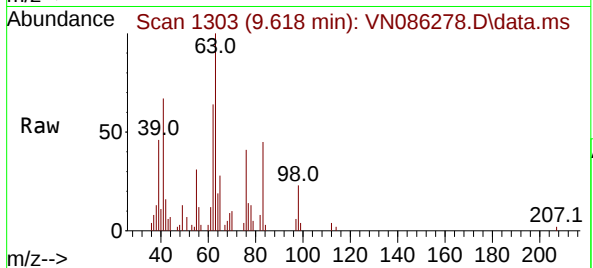
65 28.4 25.4 38.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/16/2025

Supervised By :Semsettin Yesilyurt 04/16/2025



#46

Dibromomethane

Concen: 5.262 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. -0.000 min

Lab File: VN086278.D

Acq: 15 Apr 2025 12:21

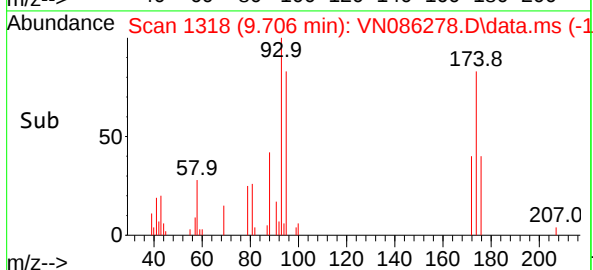
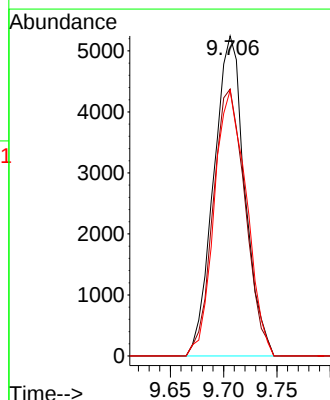
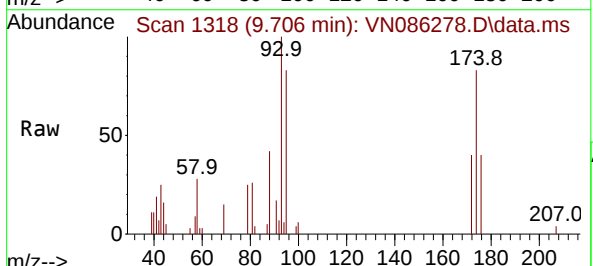
Tgt Ion: 93 Resp: 10633

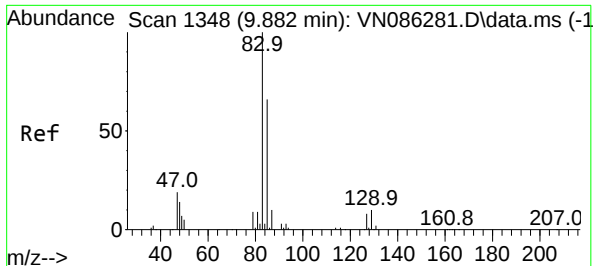
Ion Ratio Lower Upper

93 100

95 86.1 66.2 99.4

174 86.0 67.8 101.6





#47

Bromodichloromethane

Concen: 5.297 ug/l

RT: 9.888 min Scan# 1348

Delta R.T. 0.006 min

Lab File: VN086278.D

Acq: 15 Apr 2025 12:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

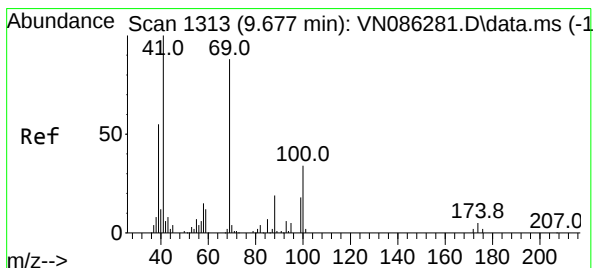
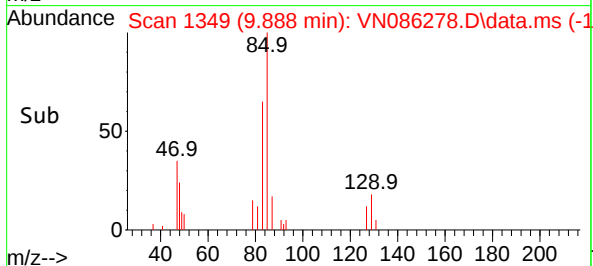
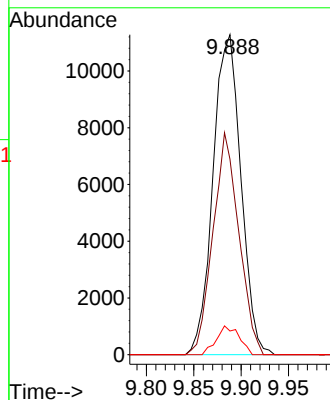
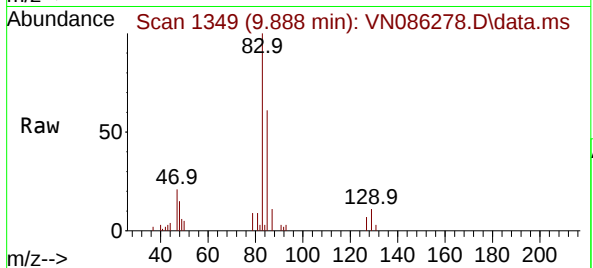
Tgt Ion:	83	Resp:	23118
Ion	Ratio	Lower	Upper
83	100		
85	61.1	52.6	78.8
127	7.4	6.1	9.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/16/2025

Supervised By :Semsettin Yesilyurt 04/16/2025



#48

Methyl methacrylate

Concen: 5.087 ug/l

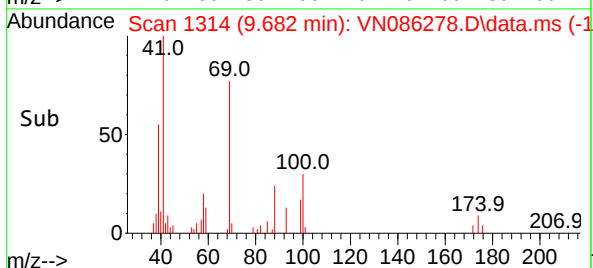
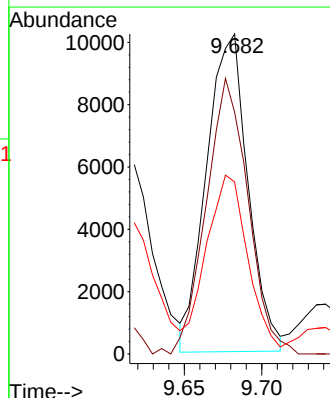
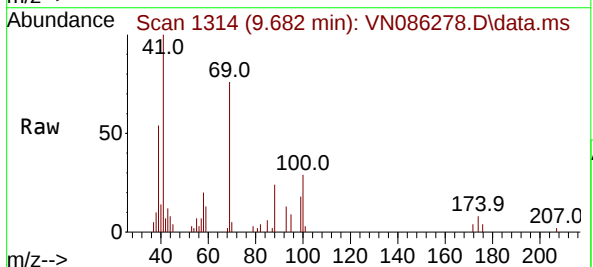
RT: 9.682 min Scan# 1314

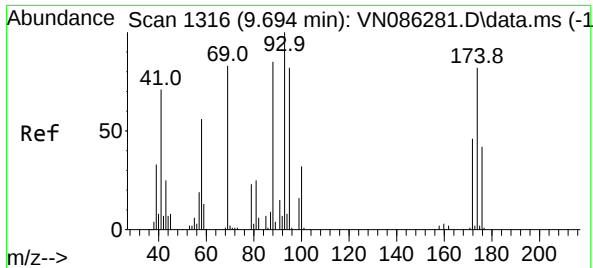
Delta R.T. 0.006 min

Lab File: VN086278.D

Acq: 15 Apr 2025 12:21

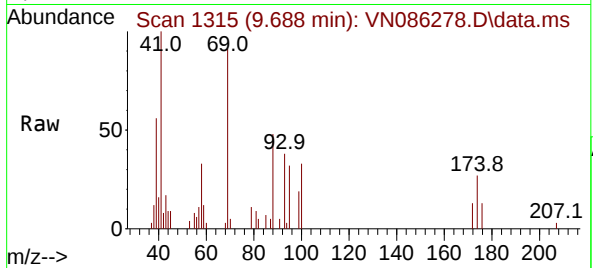
Tgt Ion:	41	Resp:	19018
Ion	Ratio	Lower	Upper
41	100		
69	87.2	68.2	102.2
39	57.1	45.2	67.8





#49
1,4-Dioxane
Concen: 105.699 ug/l
RT: 9.688 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN086278.D
Acq: 15 Apr 2025 12:21

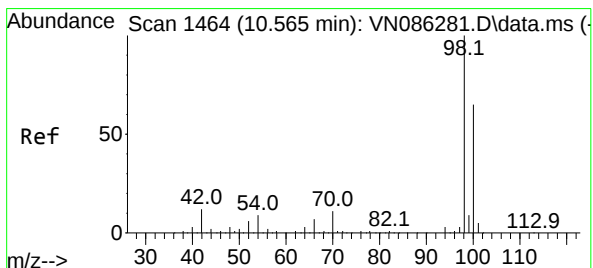
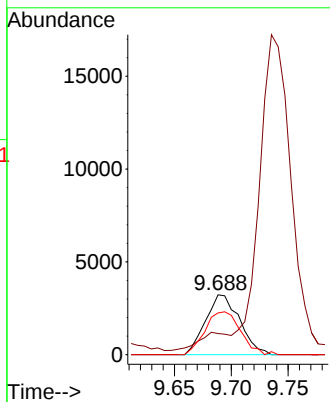
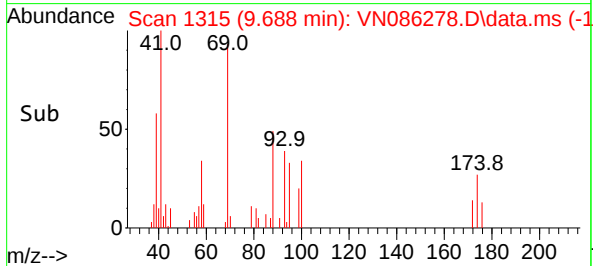
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



Tgt Ion: 88 Resp: 672
Ion Ratio Lower Upper
88 100
43 28.2 23.8 35.8
58 74.9 57.4 86.2

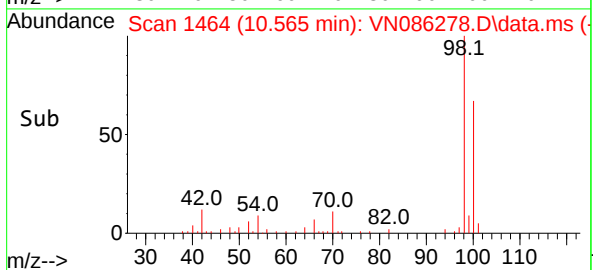
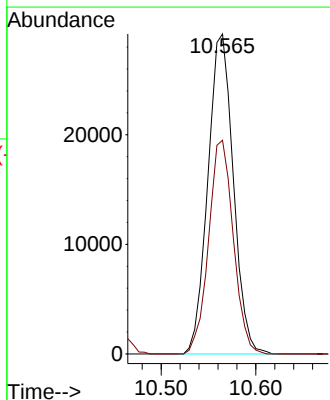
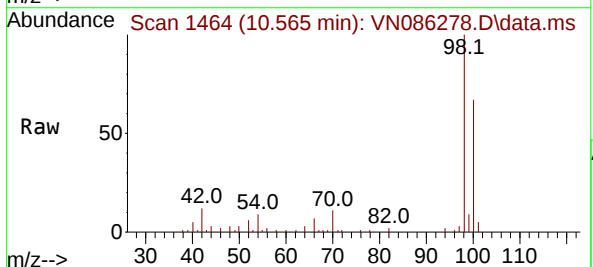
Manual Integrations
APPROVED

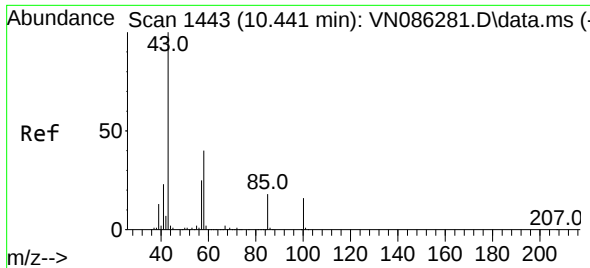
Reviewed By :John Carlone 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025



#50
Toluene-d8
Concen: 5.028 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN086278.D
Acq: 15 Apr 2025 12:21

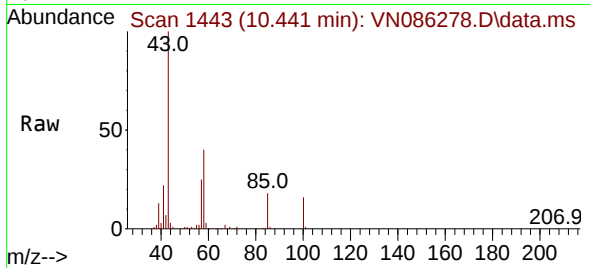
Tgt Ion: 98 Resp: 54403
Ion Ratio Lower Upper
98 100
100 64.9 52.5 78.7





#51
4-Methyl-2-Pentanone
Concen: 26.097 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. -0.000 min
Lab File: VN086278.D
Acq: 15 Apr 2025 12:21

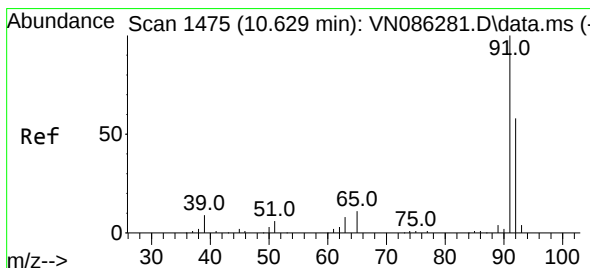
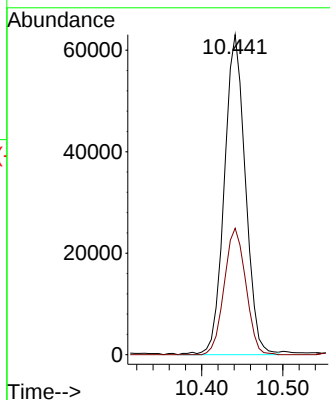
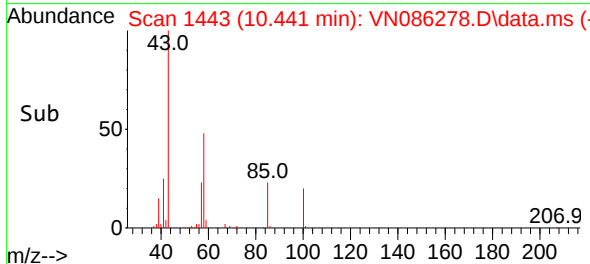
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 43 Resp: 11377
Ion Ratio Lower Upper
43 100
58 40.4 32.2 48.4

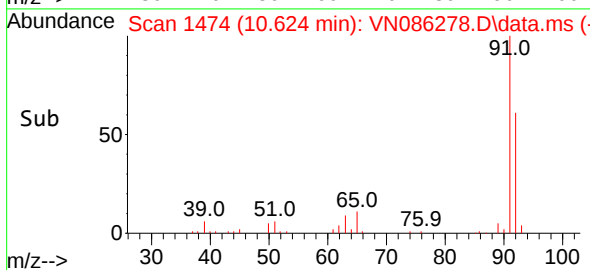
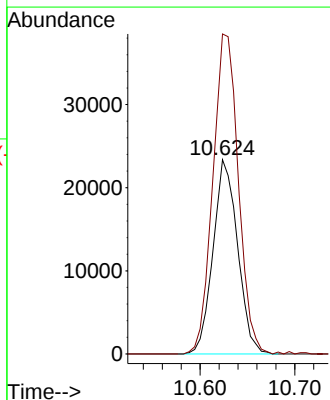
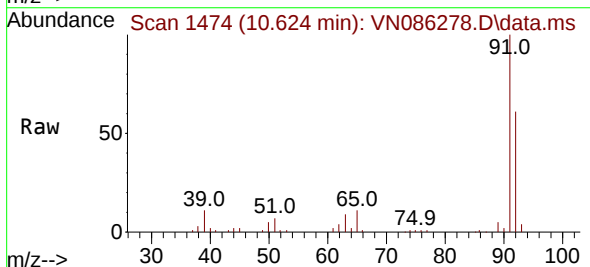
Manual Integrations
APPROVED

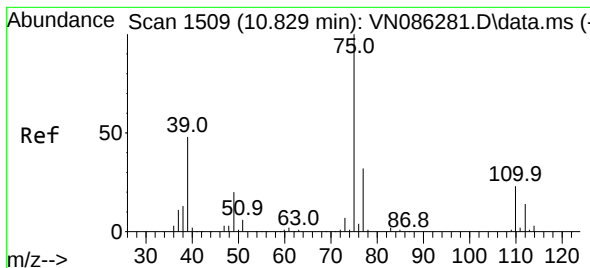
Reviewed By :John Carlone 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025



#52
Toluene
Concen: 5.199 ug/l
RT: 10.624 min Scan# 1474
Delta R.T. -0.006 min
Lab File: VN086278.D
Acq: 15 Apr 2025 12:21

Tgt Ion: 92 Resp: 42032
Ion Ratio Lower Upper
92 100
91 171.2 137.3 205.9





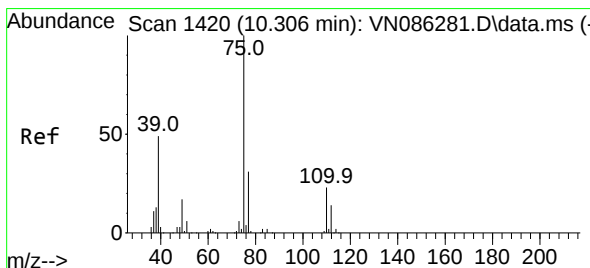
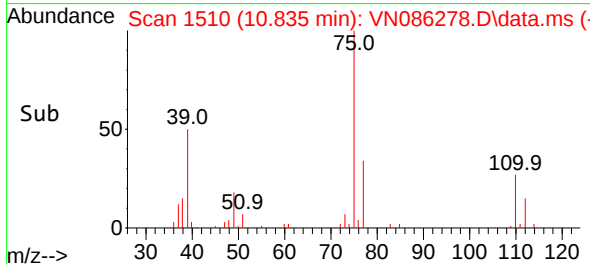
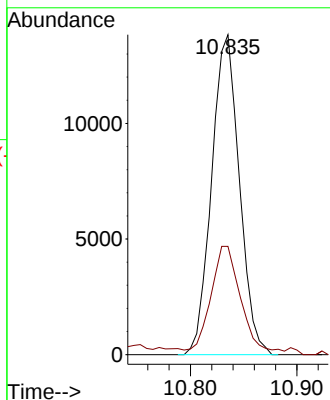
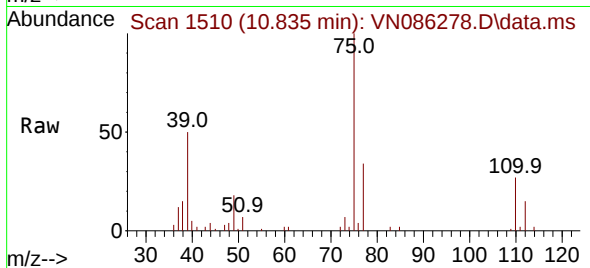
#53
t-1,3-Dichloropropene
Concen: 5.136 ug/l
RT: 10.835 min Scan# 1509
Delta R.T. 0.006 min
Lab File: VN086278.D
Acq: 15 Apr 2025 12:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 75 Resp: 25020
Ion Ratio Lower Upper
75 100
77 32.1 25.4 38.0

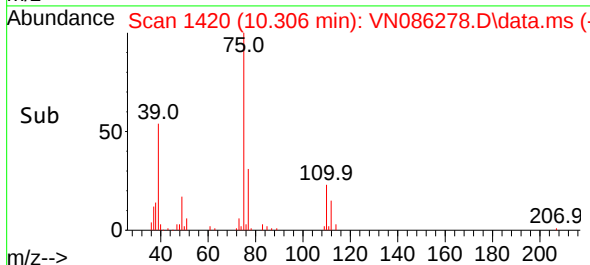
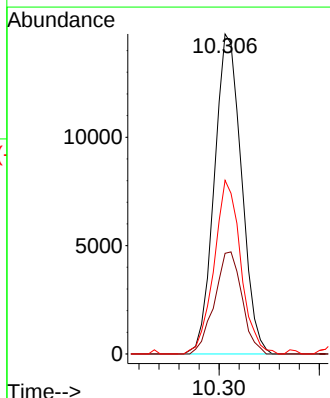
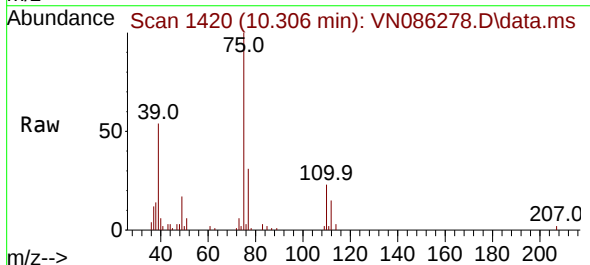
Manual Integrations
APPROVED

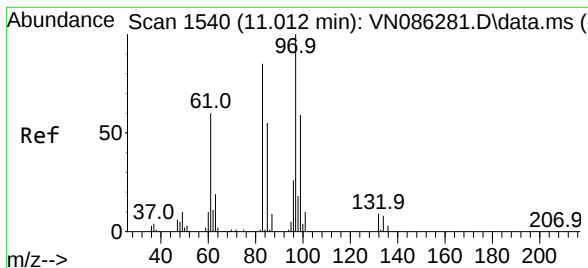
Reviewed By :John Carlone 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025



#54
cis-1,3-Dichloropropene
Concen: 5.183 ug/l
RT: 10.306 min Scan# 1420
Delta R.T. -0.000 min
Lab File: VN086278.D
Acq: 15 Apr 2025 12:21

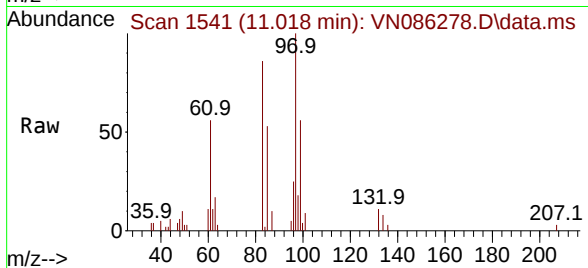
Tgt Ion: 75 Resp: 27737
Ion Ratio Lower Upper
75 100
77 31.4 25.2 37.8
39 54.3 39.3 58.9





#55
1,1,2-Trichloroethane
Concen: 5.349 ug/l
RT: 11.018 min Scan# 1540
Delta R.T. 0.006 min
Lab File: VN086278.D
Acq: 15 Apr 2025 12:21

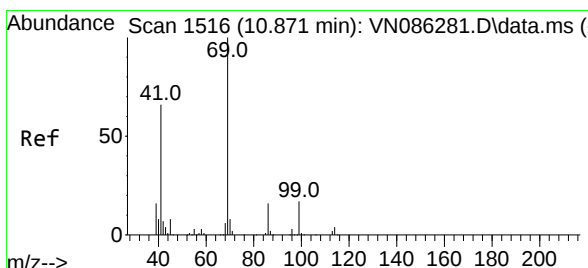
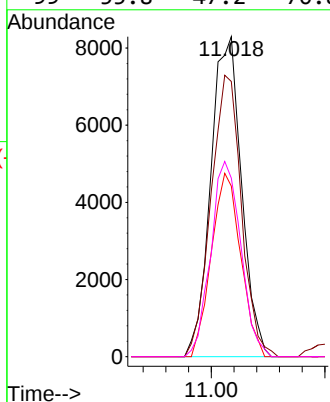
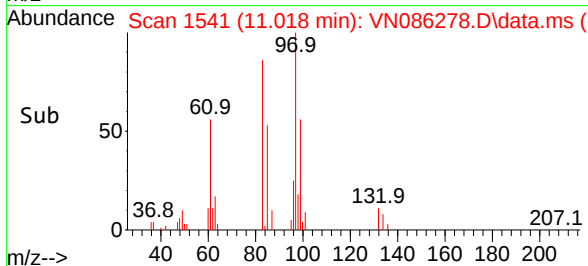
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion	Ratio	Lower	Upper
97	100		
83	86.0	68.4	102.6
85	53.3	43.9	65.9
99	55.8	47.2	70.8

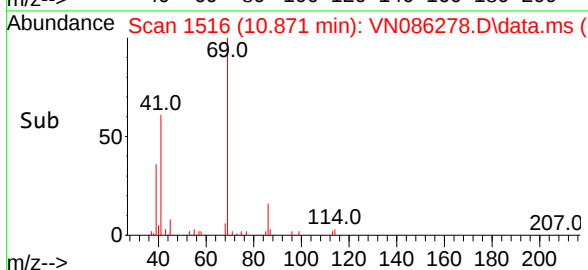
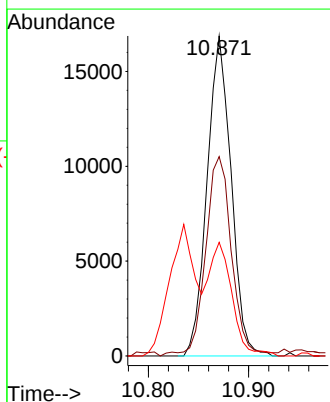
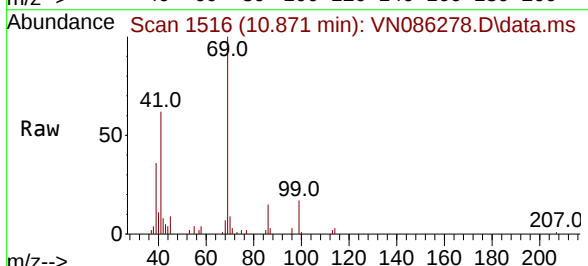
Manual Integrations
APPROVED

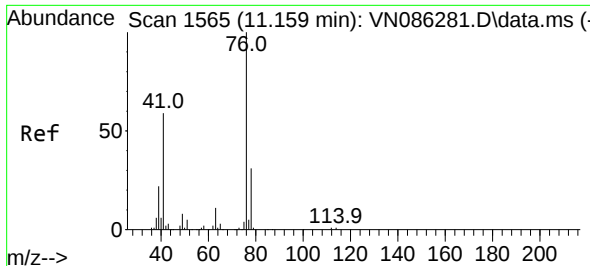
Reviewed By :John Carlone 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025



#56
Ethyl methacrylate
Concen: 5.256 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VN086278.D
Acq: 15 Apr 2025 12:21

Tgt Ion	Ratio	Lower	Upper
69	100		
41	67.2	51.7	77.5
39	34.8	26.3	39.5





#57

1,3-Dichloropropane

Concen: 5.213 ug/l

RT: 11.159 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN086278.D

Acq: 15 Apr 2025 12:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

Tgt Ion: 76 Resp: 2690

Ion Ratio Lower Upper

76 100

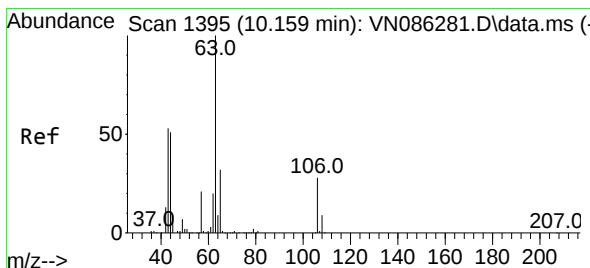
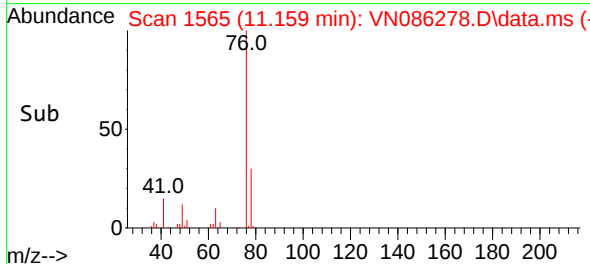
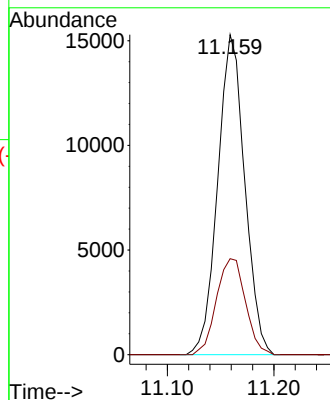
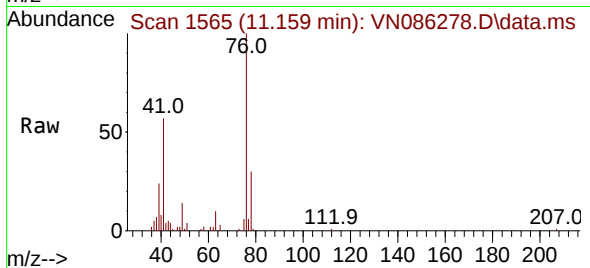
78 32.2 25.6 38.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/16/2025

Supervised By :Semsettin Yesilyurt 04/16/2025



#58

2-Chloroethyl Vinyl ether

Concen: 30.387 ug/l

RT: 10.153 min Scan# 1394

Delta R.T. -0.006 min

Lab File: VN086278.D

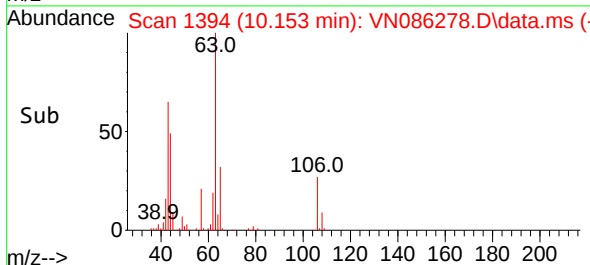
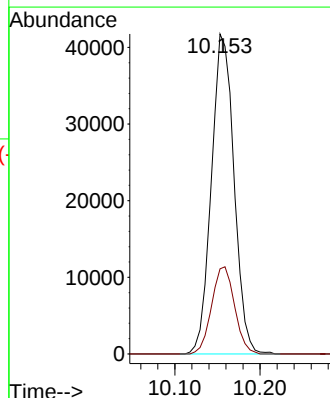
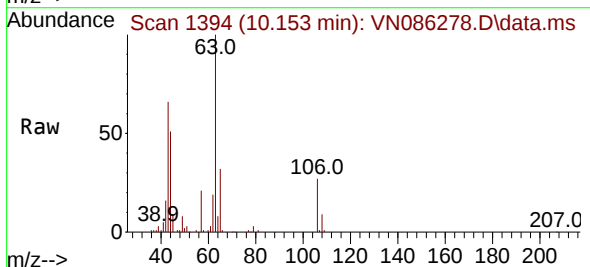
Acq: 15 Apr 2025 12:21

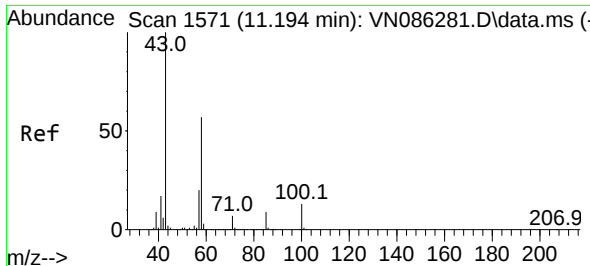
Tgt Ion: 63 Resp: 77113

Ion Ratio Lower Upper

63 100

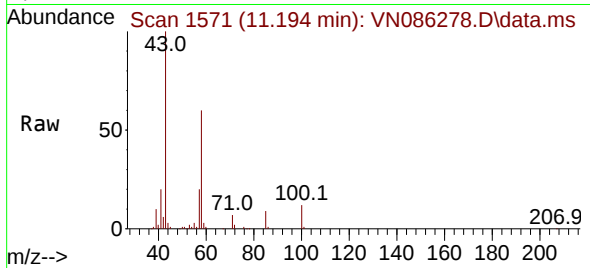
106 27.6 22.2 33.2





#59
2-Hexanone
Concen: 26.113 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VN086278.D
Acq: 15 Apr 2025 12:21

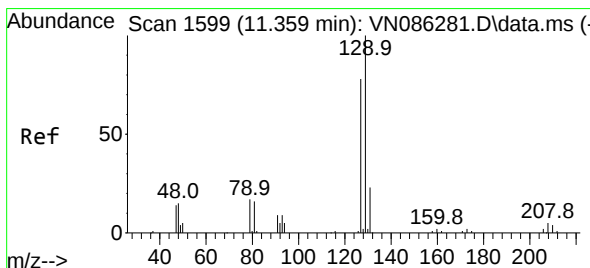
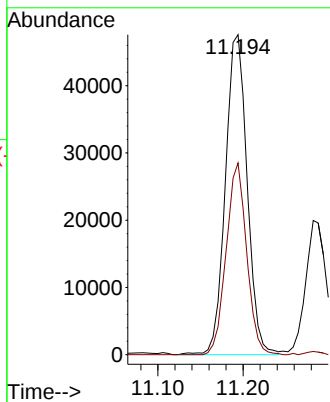
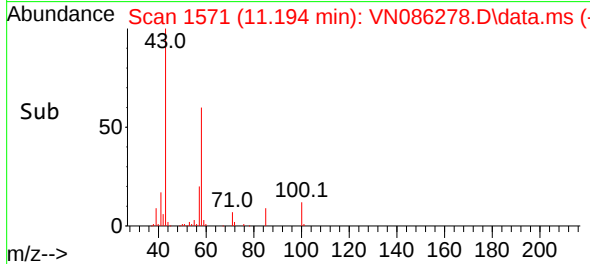
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 43 Resp: 8444
Ion Ratio Lower Upper
43 100
58 56.3 28.3 85.0

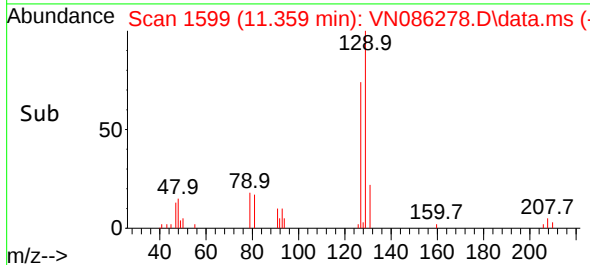
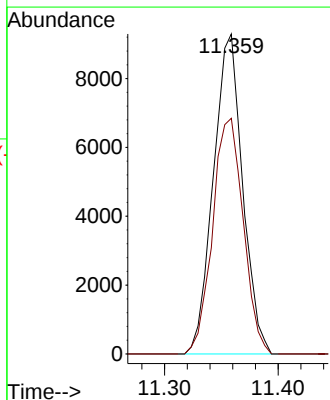
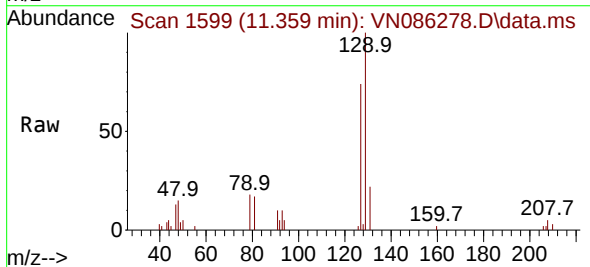
Manual Integrations
APPROVED

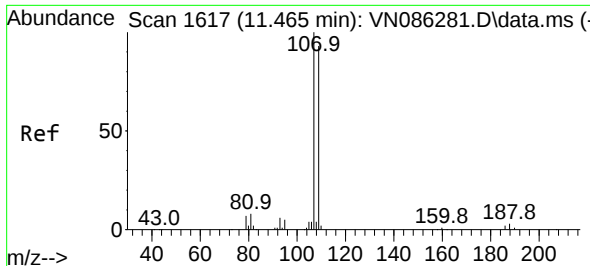
Reviewed By :John Carlone 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025



#60
Dibromochloromethane
Concen: 5.201 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN086278.D
Acq: 15 Apr 2025 12:21

Tgt Ion:129 Resp: 16611
Ion Ratio Lower Upper
129 100
127 77.1 38.7 116.1





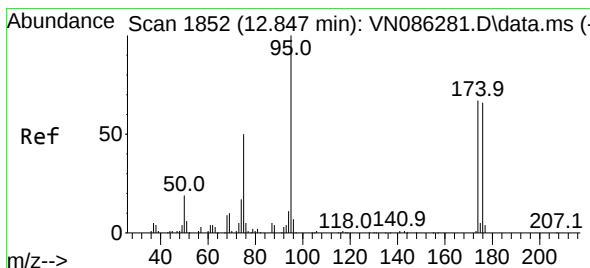
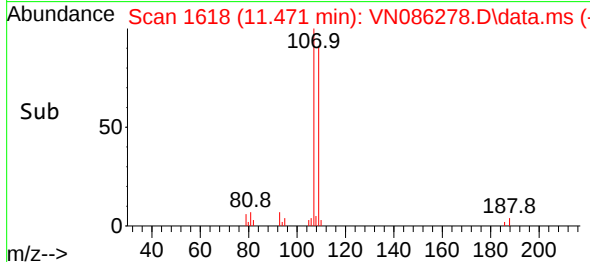
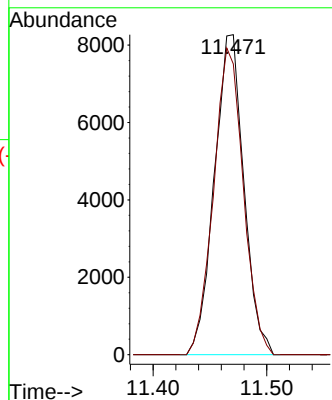
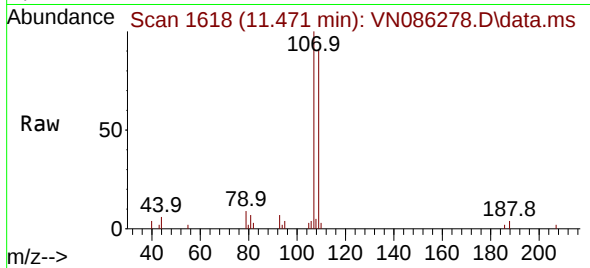
#61
1,2-Dibromoethane
Concen: 5.087 ug/l
RT: 11.471 min Scan# 1617
Delta R.T. 0.006 min
Lab File: VN086278.D
Acq: 15 Apr 2025 12:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:107 Resp: 14929
Ion Ratio Lower Upper
107 100
109 96.8 75.4 113.0

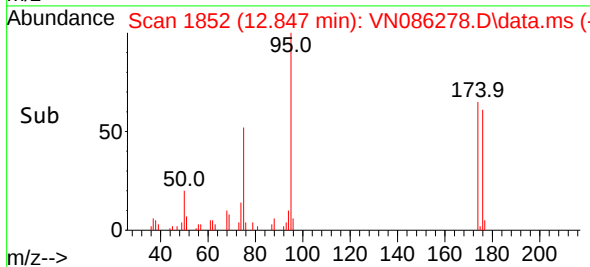
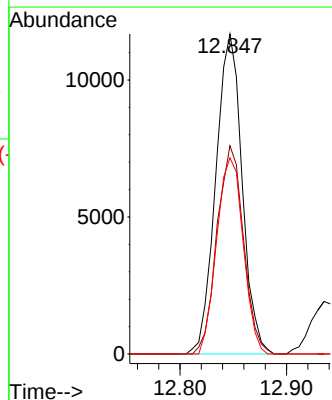
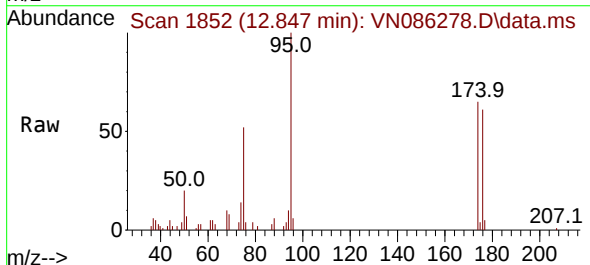
Manual Integrations
APPROVED

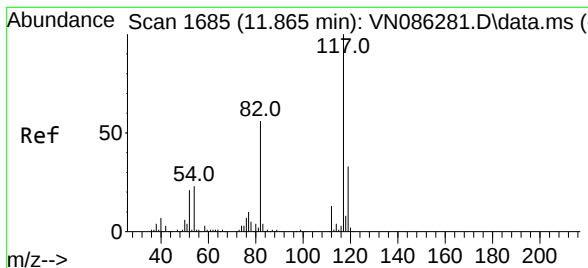
Reviewed By :John Carlone 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025



#62
4-Bromofluorobenzene
Concen: 5.076 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086278.D
Acq: 15 Apr 2025 12:21

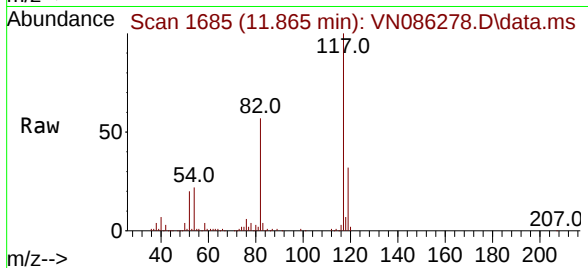
Tgt Ion: 95 Resp: 20034
Ion Ratio Lower Upper
95 100
174 65.4 0.0 133.4
176 61.7 0.0 129.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN086278.D
Acq: 15 Apr 2025 12:21

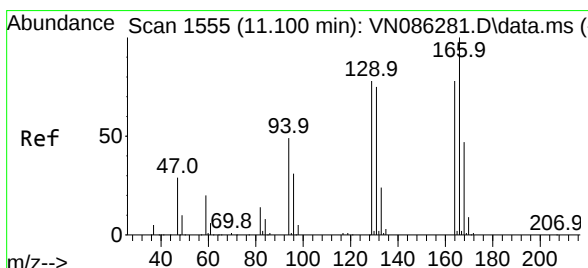
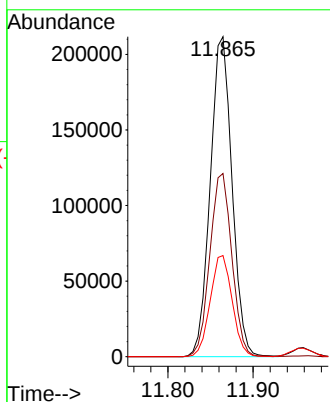
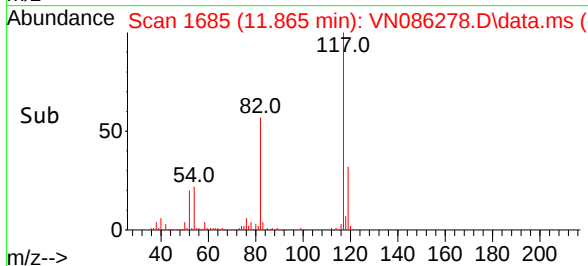
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



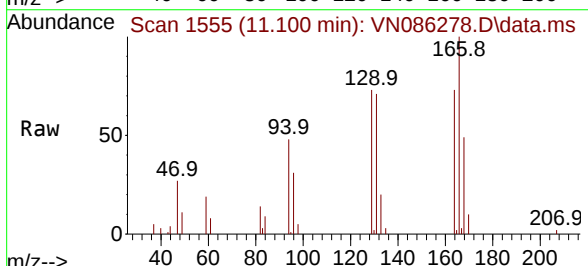
Tgt Ion:117 Resp: 37585
Ion Ratio Lower Upper
117 100
82 57.2 44.7 67.1
119 31.6 26.4 39.6

Manual Integrations
APPROVED

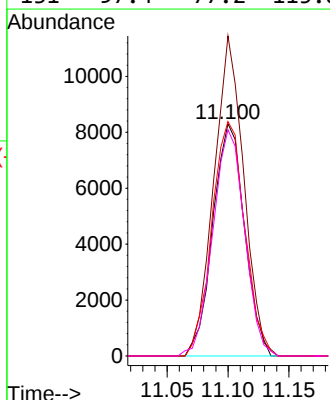
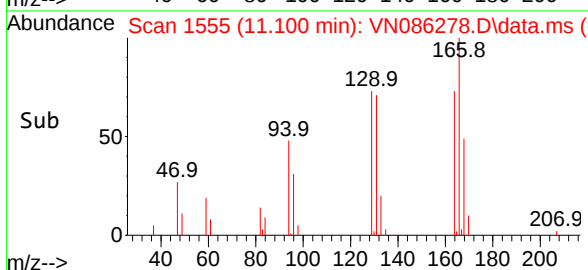
Reviewed By :John Carlone 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025

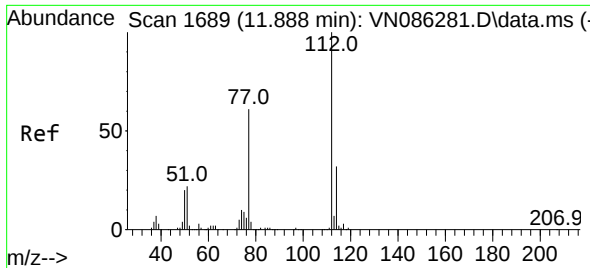


#64
Tetrachloroethene
Concen: 5.188 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VN086278.D
Acq: 15 Apr 2025 12:21



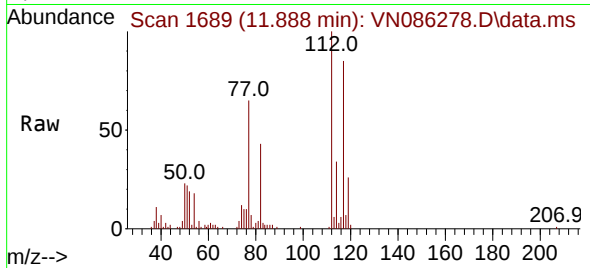
Tgt Ion:164 Resp: 14998
Ion Ratio Lower Upper
164 100
166 137.7 103.0 154.4
129 100.9 80.1 120.1
131 97.4 77.2 115.8





#65
Chlorobenzene
Concen: 5.265 ug/l
RT: 11.888 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086278.D
Acq: 15 Apr 2025 12:21

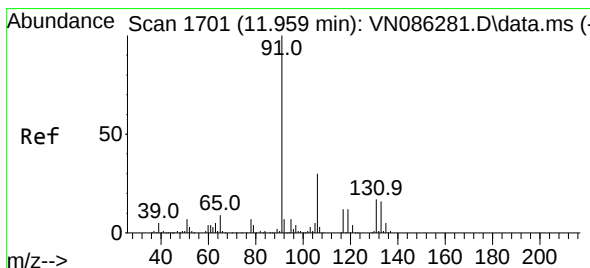
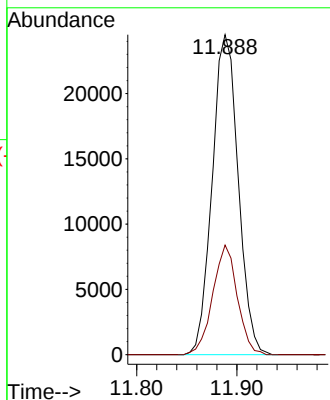
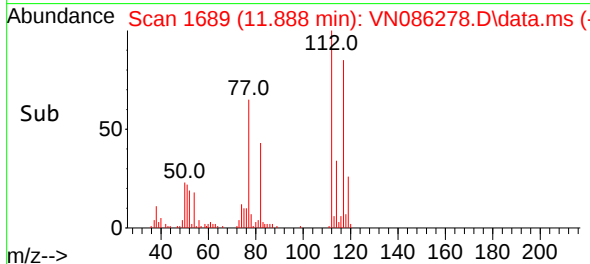
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



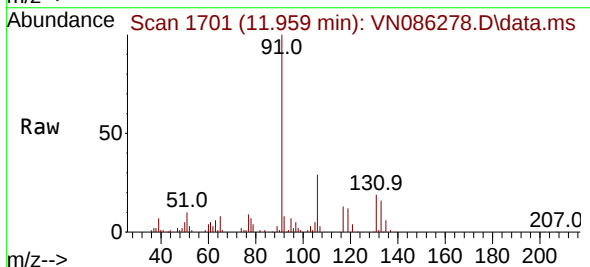
Tgt Ion:112 Resp: 4416
Ion Ratio Lower Upper
112 100
114 34.2 25.4 38.0

Manual Integrations
APPROVED

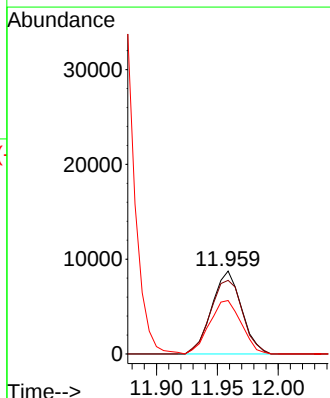
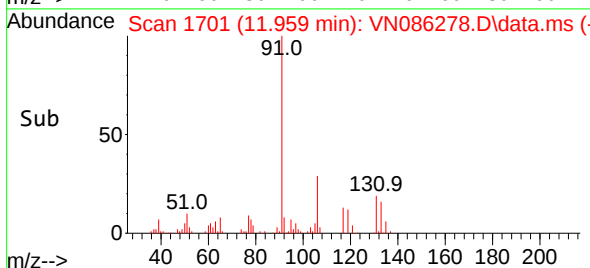
Reviewed By :John Carlone 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025

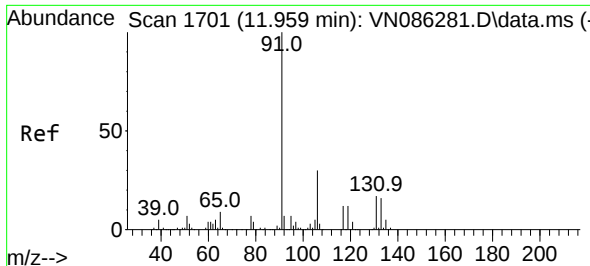


#66
1,1,1,2-Tetrachloroethane
Concen: 5.383 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN086278.D
Acq: 15 Apr 2025 12:21



Tgt Ion:131 Resp: 14896
Ion Ratio Lower Upper
131 100
133 96.2 47.1 141.3
119 68.8 33.8 101.4





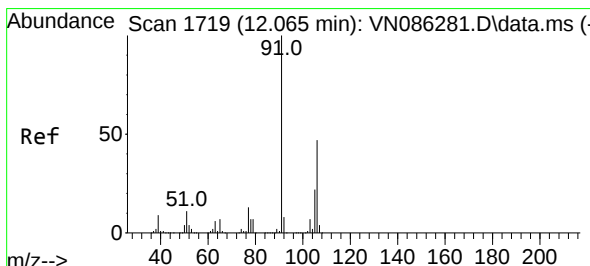
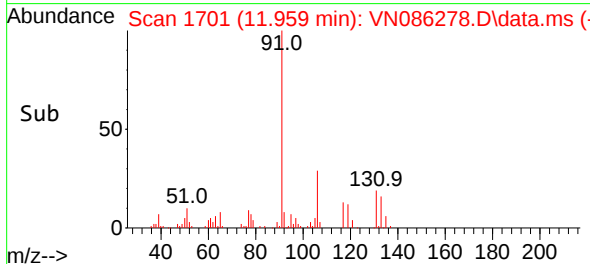
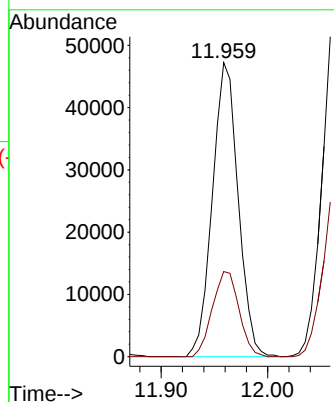
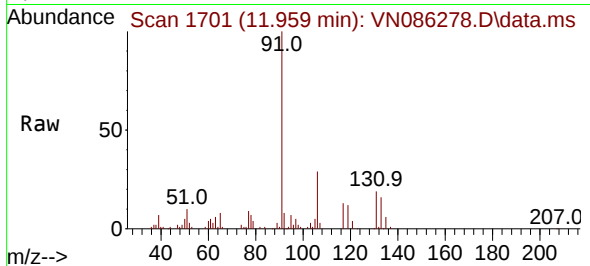
#67
Ethyl Benzene
Concen: 5.244 ug/l
RT: 11.959 min Scan# 1190
Delta R.T. -0.000 min
Lab File: VN086278.D
Acq: 15 Apr 2025 12:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion: 91 Resp: 79370
Ion Ratio Lower Upper
91 100
106 29.0 24.3 36.5

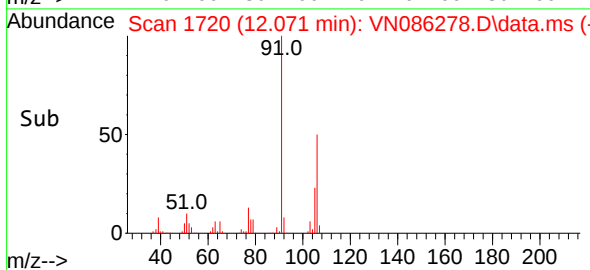
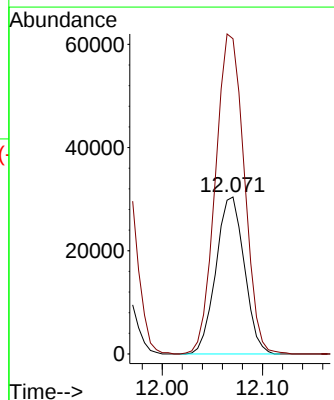
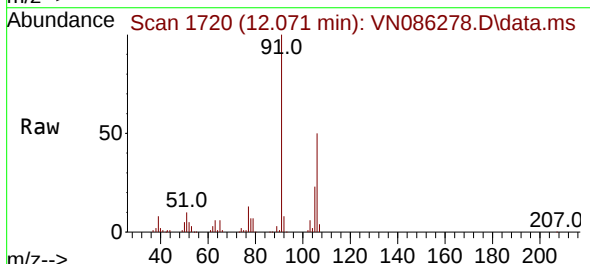
Manual Integrations
APPROVED

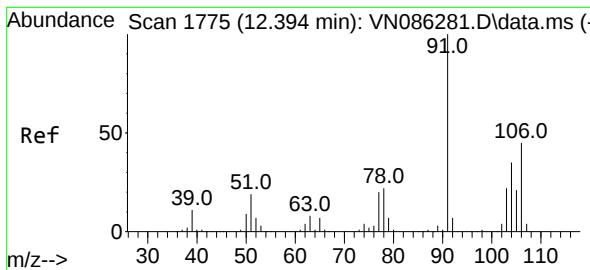
Reviewed By :John Carlone 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025



#68
m/p-Xylenes
Concen: 10.537 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.006 min
Lab File: VN086278.D
Acq: 15 Apr 2025 12:21

Tgt Ion:106 Resp: 59758
Ion Ratio Lower Upper
106 100
91 207.0 166.5 249.7





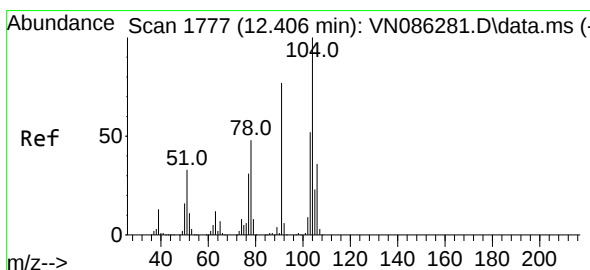
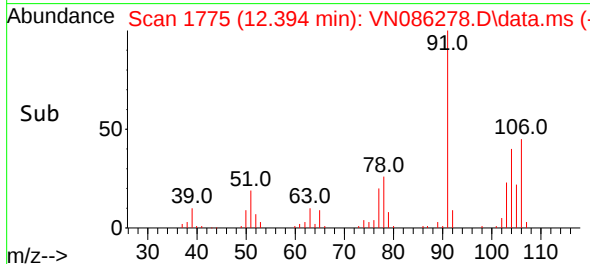
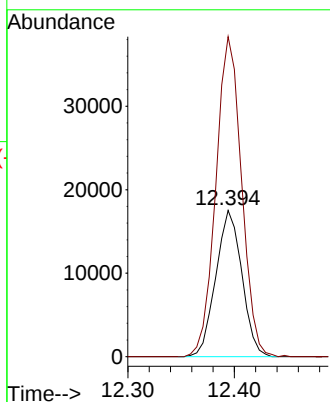
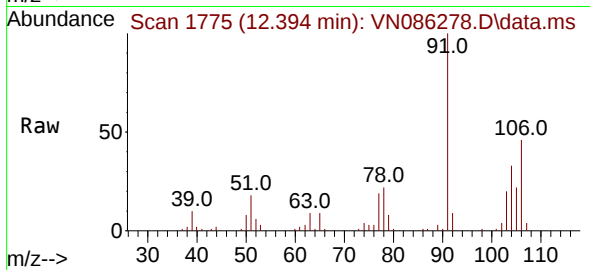
#69
o-Xylene
Concen: 5.305 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN086278.D
Acq: 15 Apr 2025 12:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion:106 Resp: 2975
Ion Ratio Lower Upper
106 100
91 216.1 109.7 329.0

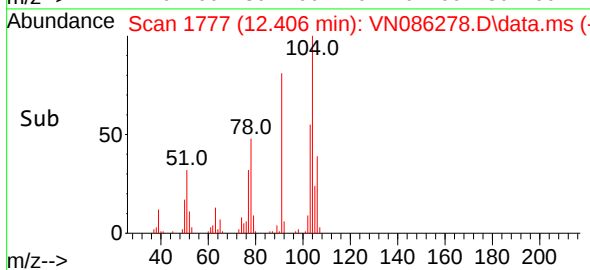
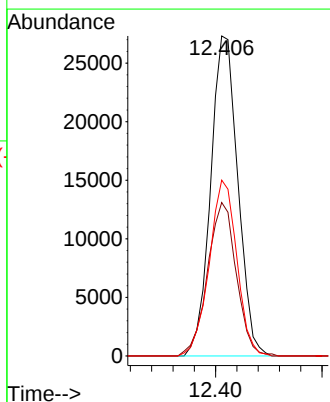
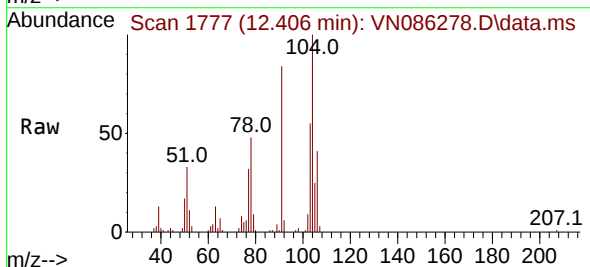
Manual Integrations
APPROVED

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



#70
Styrene
Concen: 5.180 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VN086278.D
Acq: 15 Apr 2025 12:21

Tgt Ion:104 Resp: 48407
Ion Ratio Lower Upper
104 100
78 50.6 40.6 61.0
103 55.8 43.6 65.4





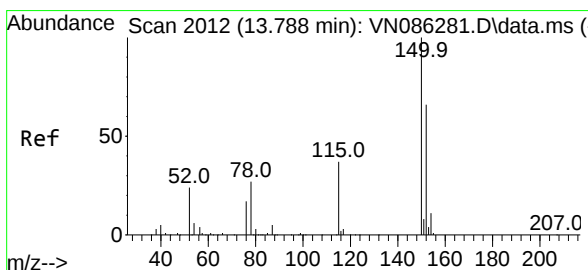
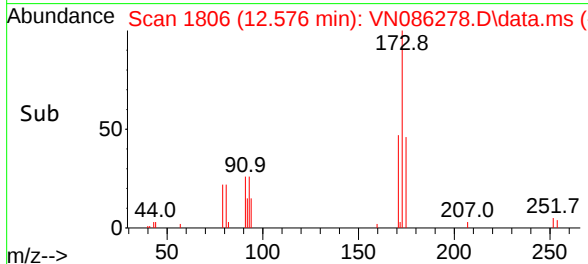
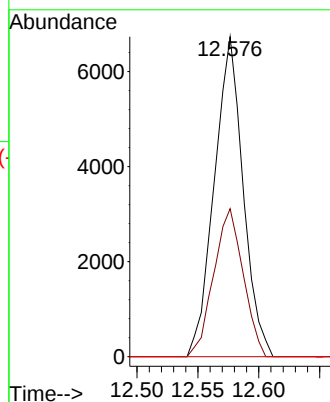
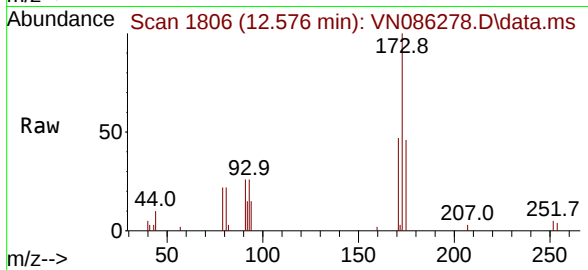
#71
Bromoform
Concen: 5.311 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VN086278.D
Acq: 15 Apr 2025 12:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion:173 Resp: 1106
Ion Ratio Lower Upper
173 100
175 47.3 24.6 73.6
254 0.0 0.0 0.0

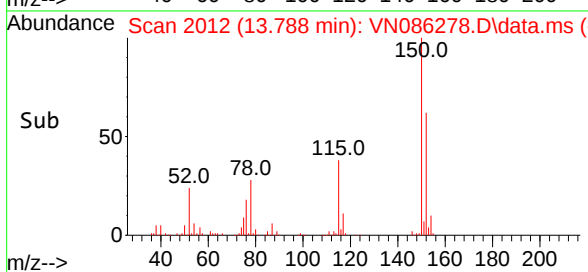
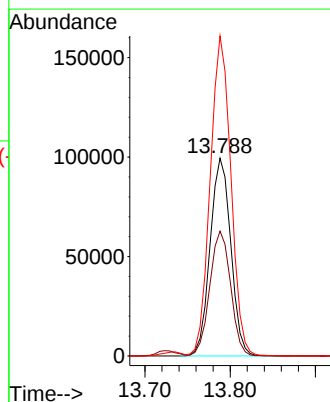
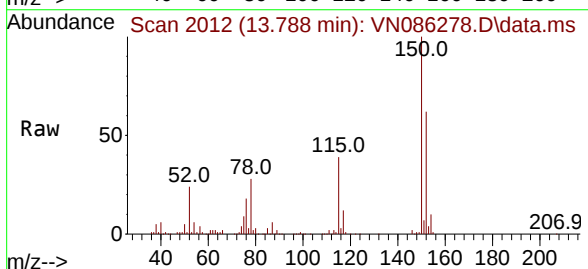
Manual Integrations
APPROVED

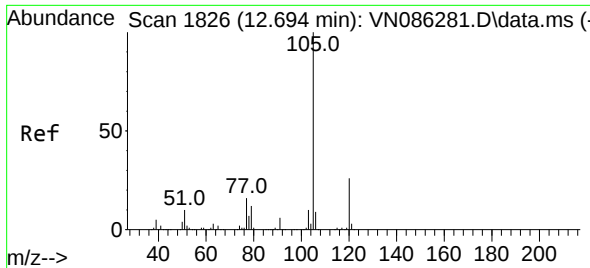
Reviewed By :John Carlone 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN086278.D
Acq: 15 Apr 2025 12:21

Tgt Ion:152 Resp: 167796
Ion Ratio Lower Upper
152 100
115 63.4 31.9 95.9
150 161.6 0.0 352.0





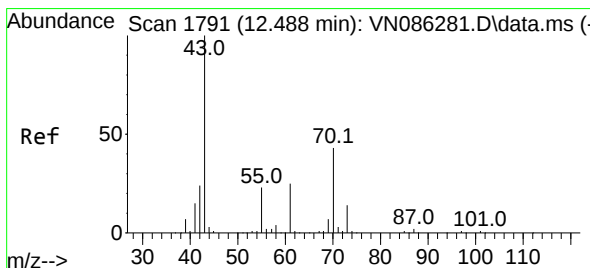
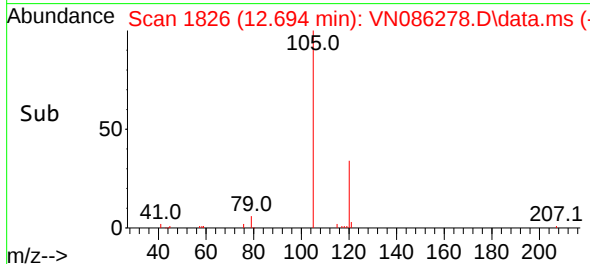
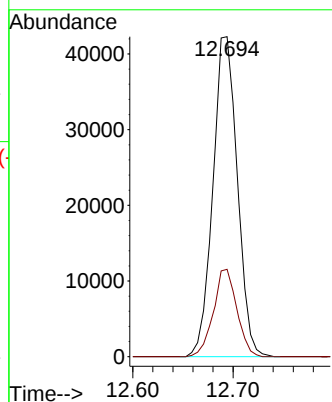
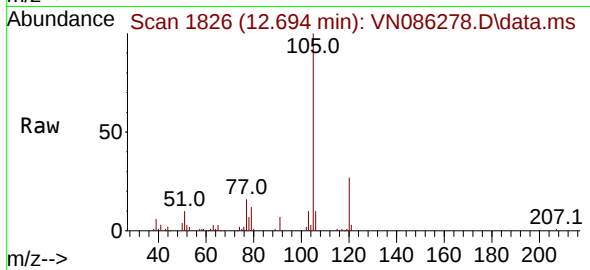
#73
Isopropylbenzene
Concen: 5.221 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN086278.D
Acq: 15 Apr 2025 12:21

Instrument : MSVOA_N
ClientSampleId : VSTDIC005

Tgt Ion: 105 Resp: 71658
Ion Ratio Lower Upper
105 100
120 26.2 13.1 39.3

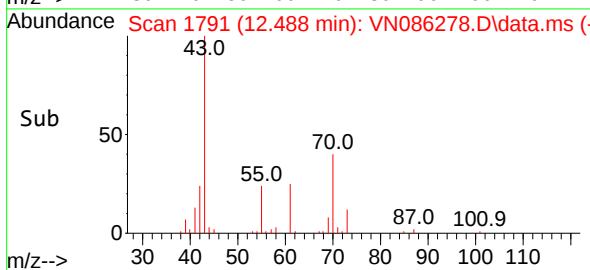
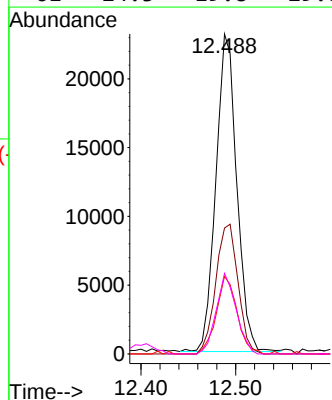
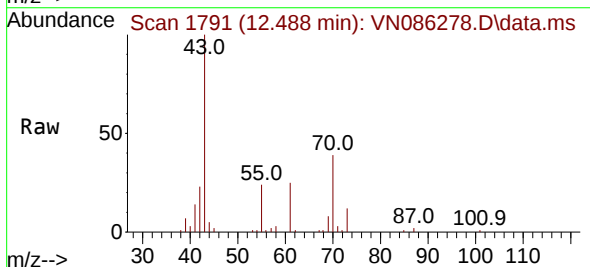
Manual Integrations
APPROVED

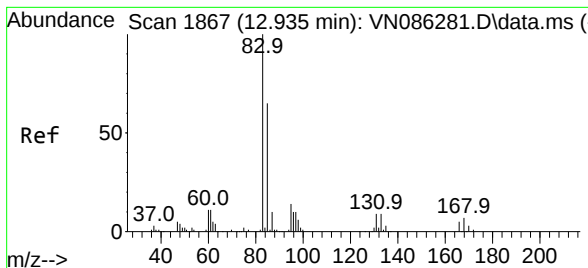
Reviewed By :John Carlone 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025



#74
N-ethyl acetate
Concen: 5.182 ug/l
RT: 12.488 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VN086278.D
Acq: 15 Apr 2025 12:21

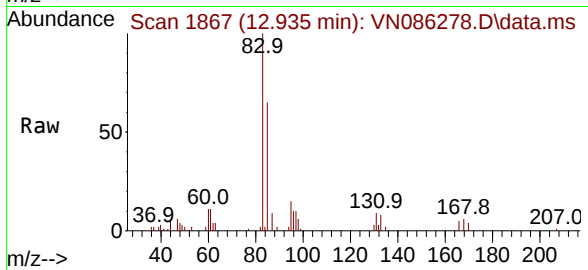
Tgt Ion: 43 Resp: 35409
Ion Ratio Lower Upper
43 100
70 43.4 35.0 52.4
55 24.4 19.0 28.4
61 24.3 19.8 29.8





#75
1,1,2,2-Tetrachloroethane
Concen: 5.503 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VN086278.D
Acq: 15 Apr 2025 12:21

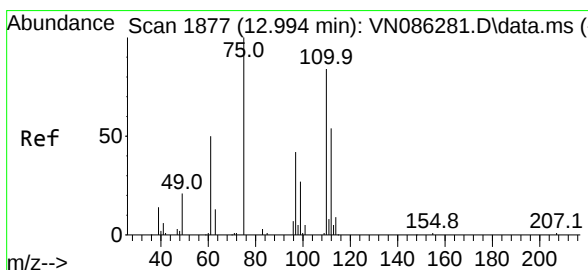
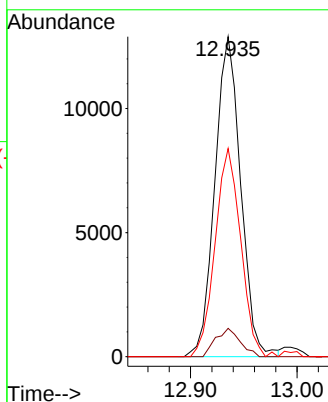
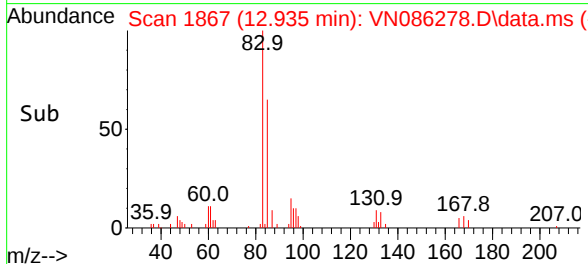
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



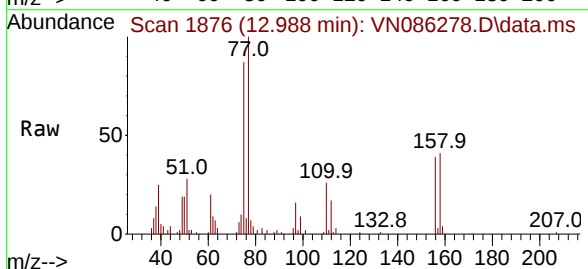
Tgt Ion: 83 Resp: 21720
Ion Ratio Lower Upper
83 100
131 8.3 4.7 14.1
85 64.4 32.7 98.1

Manual Integrations
APPROVED

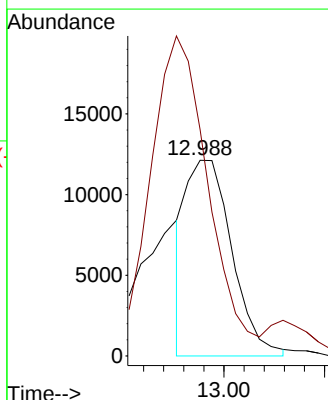
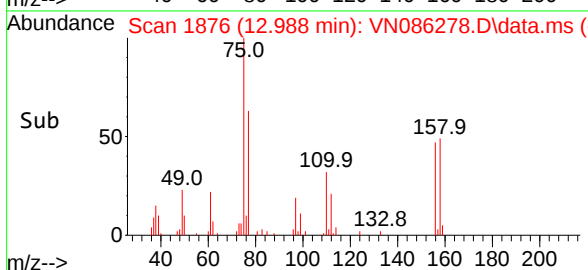
Reviewed By :John Carlone 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025

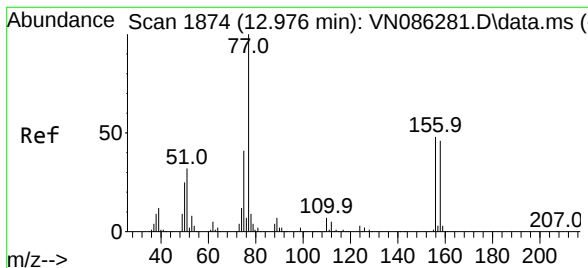


#76
1,2,3-Trichloropropane
Concen: 4.870 ug/l m
RT: 12.988 min Scan# 1876
Delta R.T. -0.006 min
Lab File: VN086278.D
Acq: 15 Apr 2025 12:21



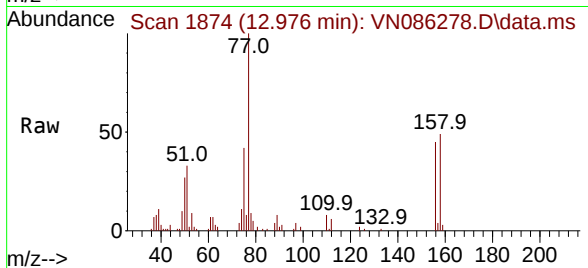
Tgt Ion: 75 Resp: 19196
Ion Ratio Lower Upper
75 100
77 208.2 98.8 296.4





#77
Bromobenzene
Concen: 5.156 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. -0.000 min
Lab File: VN086278.D
Acq: 15 Apr 2025 12:21

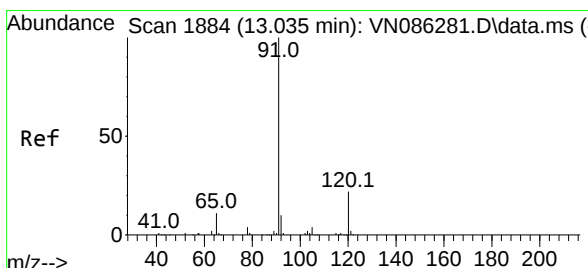
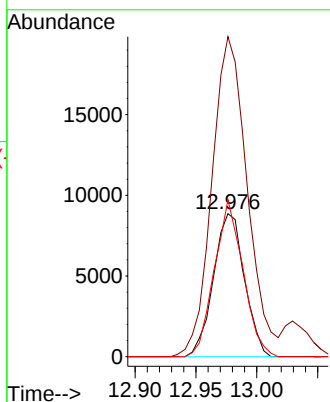
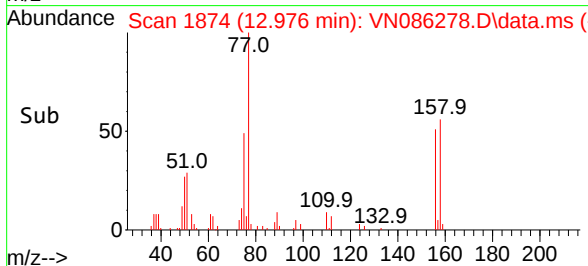
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion:156 Resp: 1568
Ion Ratio Lower Upper
156 100
77 254.9 121.1 363.1
158 101.7 47.9 143.6

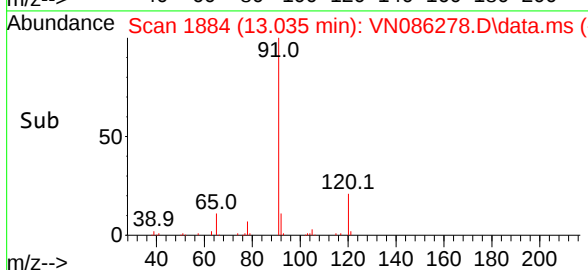
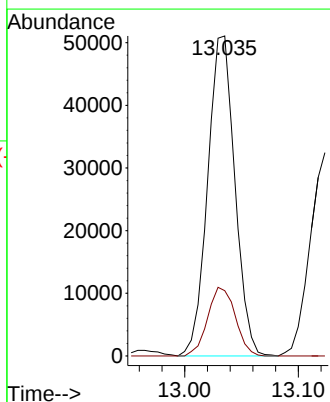
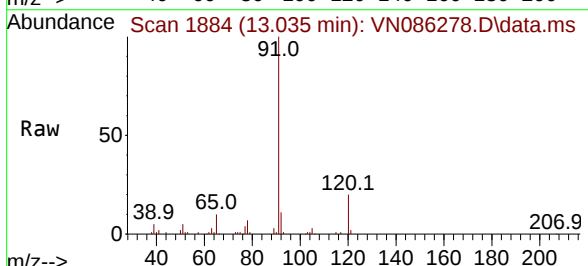
Manual Integrations
APPROVED

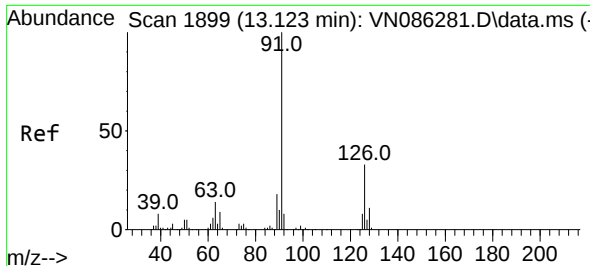
Reviewed By :John Carlone 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025



#78
n-propylbenzene
Concen: 5.261 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VN086278.D
Acq: 15 Apr 2025 12:21

Tgt Ion: 91 Resp: 85101
Ion Ratio Lower Upper
91 100
120 21.8 11.1 33.3





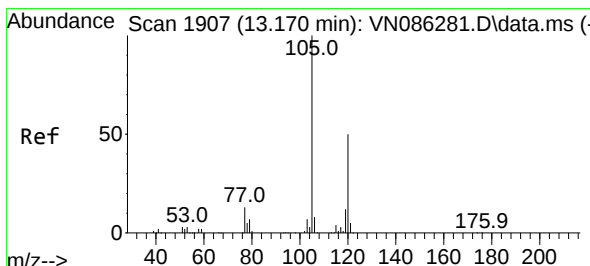
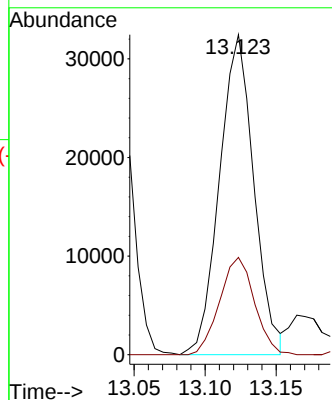
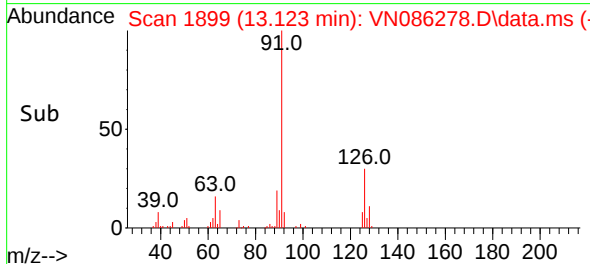
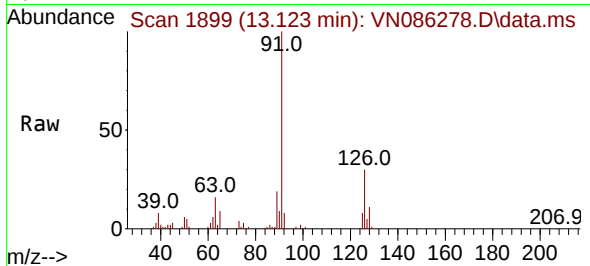
#79
2-Chlorotoluene
Concen: 5.384 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN086278.D
Acq: 15 Apr 2025 12:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion: 91 Resp: 54490
Ion Ratio Lower Upper
91 100
126 30.8 16.1 48.2

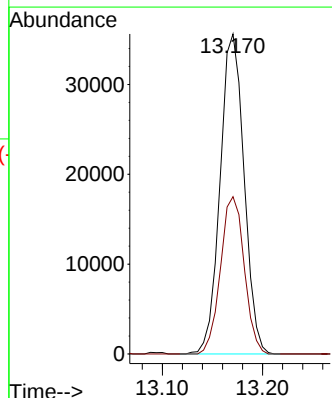
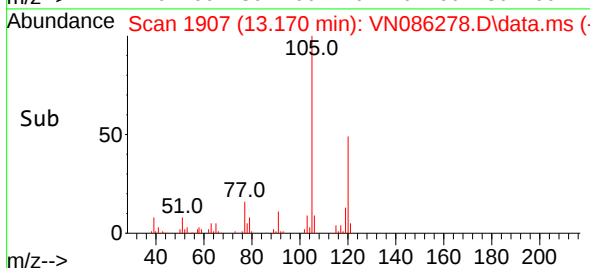
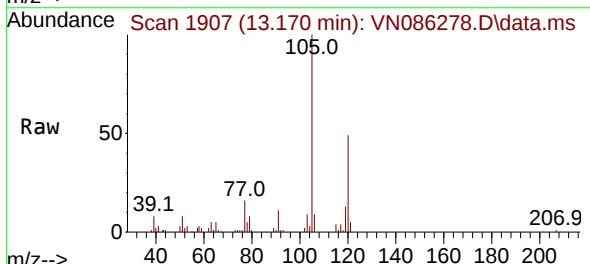
Manual Integrations
APPROVED

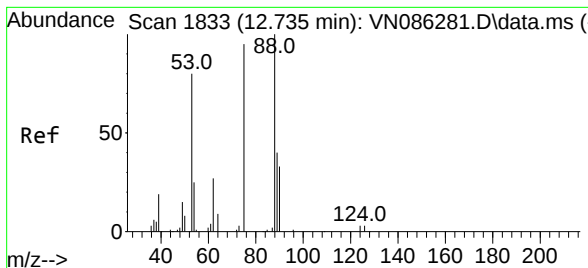
Reviewed By :John Carlone 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025



#80
1,3,5-Trimethylbenzene
Concen: 5.255 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN086278.D
Acq: 15 Apr 2025 12:21

Tgt Ion:105 Resp: 59035
Ion Ratio Lower Upper
105 100
120 48.7 24.5 73.5





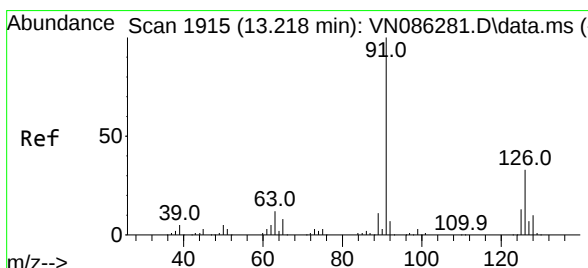
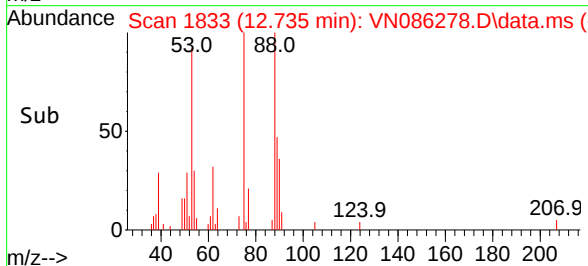
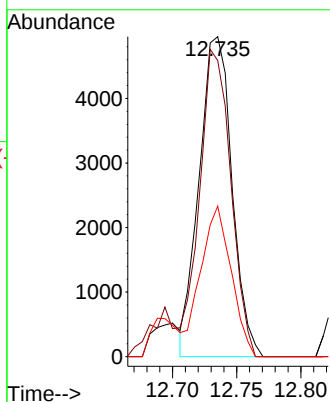
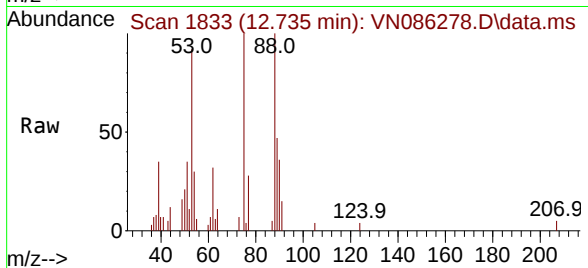
#81
trans-1,4-Dichloro-2-butene
Concen: 5.357 ug/l m
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN086278.D
Acq: 15 Apr 2025 12:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion: 75 Resp: 8832
Ion Ratio Lower Upper
75 100
53 92.8 79.2 118.8
89 44.1 35.7 53.5

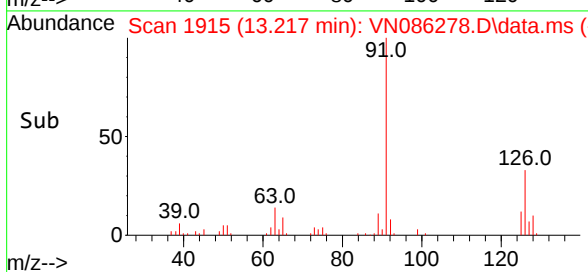
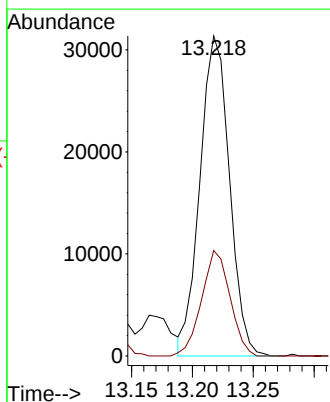
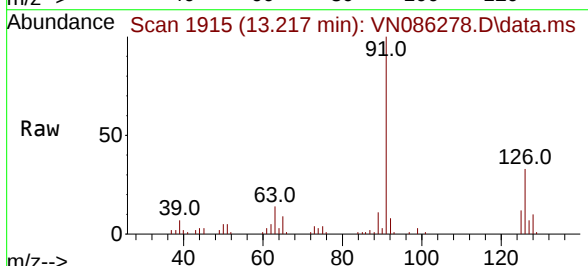
Manual Integrations
APPROVED

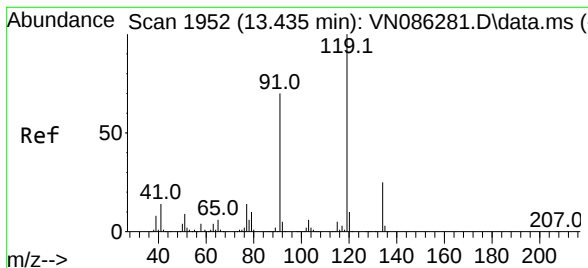
Reviewed By :John Carlone 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025



#82
4-Chlorotoluene
Concen: 5.260 ug/l
RT: 13.217 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VN086278.D
Acq: 15 Apr 2025 12:21

Tgt Ion: 91 Resp: 52887
Ion Ratio Lower Upper
91 100
126 31.7 16.2 48.6





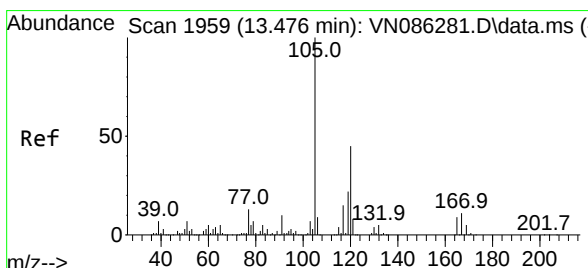
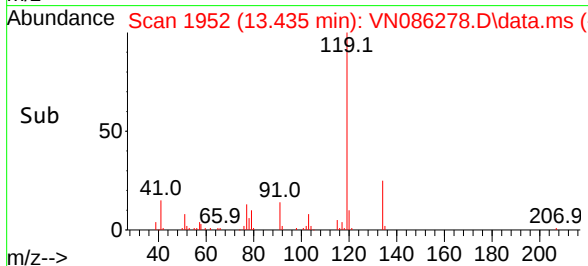
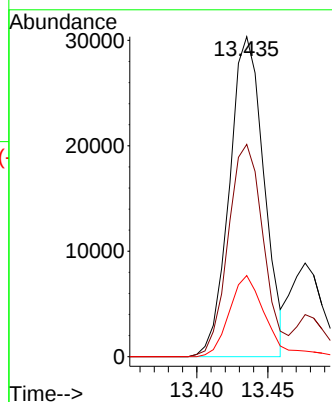
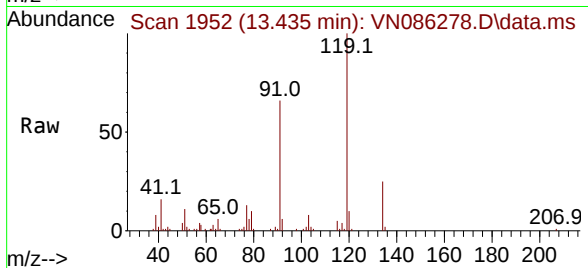
#83
tert-Butylbenzene
Concen: 5.270 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VN086278.D
Acq: 15 Apr 2025 12:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:119 Resp: 51302
Ion Ratio Lower Upper
119 100
91 68.4 34.4 103.3
134 26.7 13.0 39.0

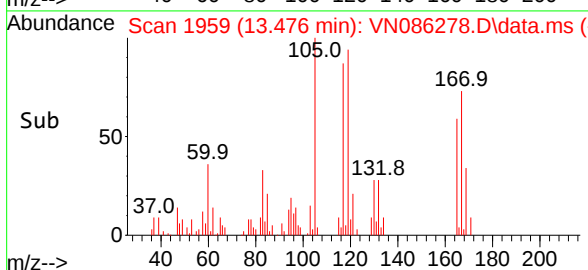
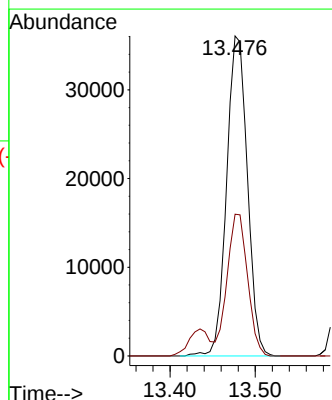
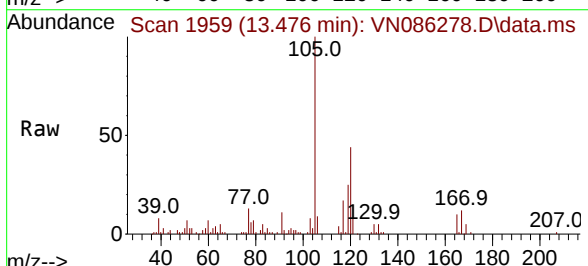
Manual Integrations
APPROVED

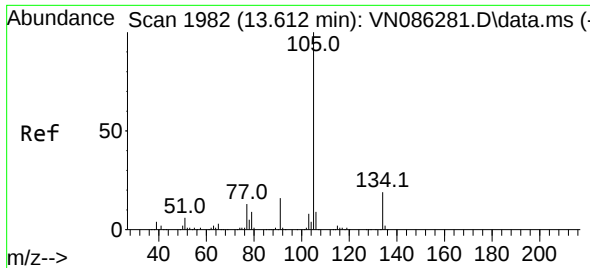
Reviewed By :John Carlone 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025



#84
1,2,4-Trimethylbenzene
Concen: 5.347 ug/l
RT: 13.476 min Scan# 1959
Delta R.T. -0.000 min
Lab File: VN086278.D
Acq: 15 Apr 2025 12:21

Tgt Ion:105 Resp: 61145
Ion Ratio Lower Upper
105 100
120 43.4 22.4 67.3





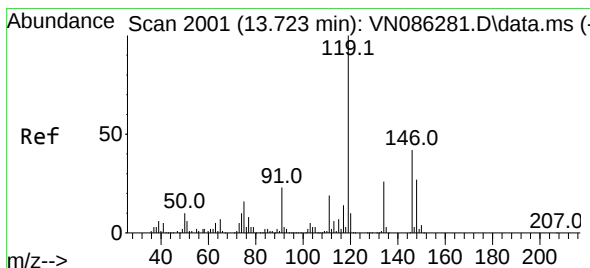
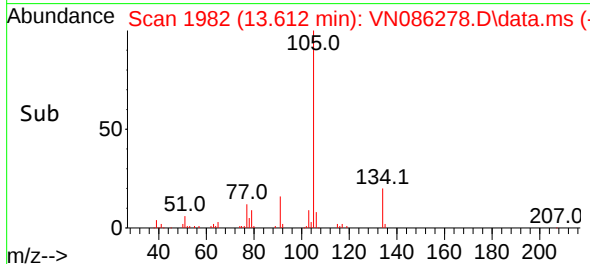
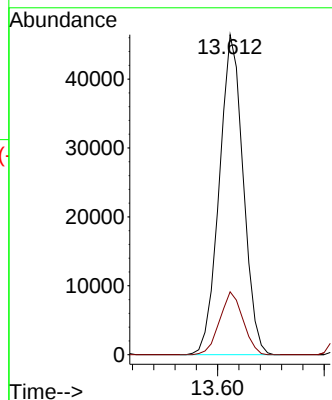
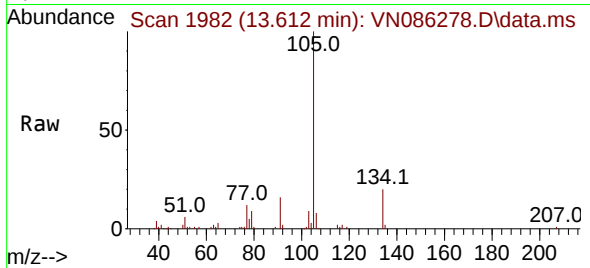
#85
 sec-Butylbenzene
 Concen: 5.355 ug/l
 RT: 13.612 min Scan# 1982
 Delta R.T. -0.000 min
 Lab File: VN086278.D
 Acq: 15 Apr 2025 12:21

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Tgt Ion:105 Resp: 72305
 Ion Ratio Lower Upper
 105 100
 134 19.2 9.7 29.1

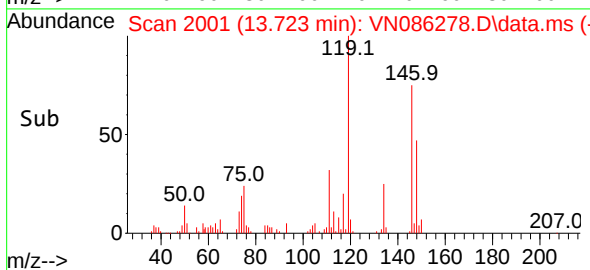
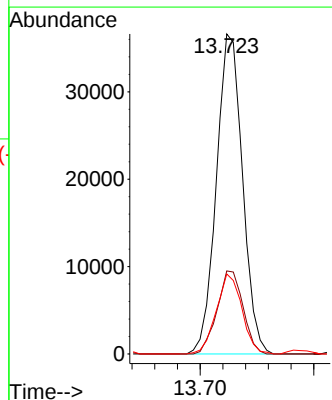
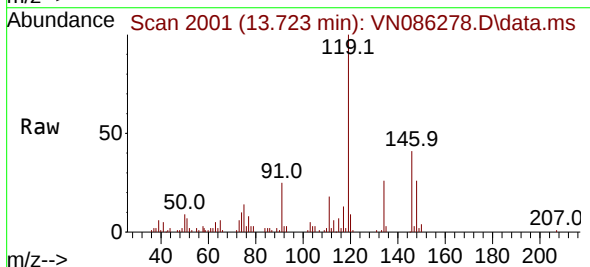
Manual Integrations
 APPROVED

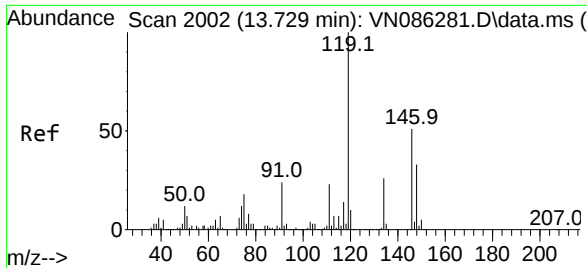
Reviewed By :John Carlone 04/16/2025
 Supervised By :Semsettin Yesilyurt 04/16/2025



#86
 p-Isopropyltoluene
 Concen: 5.258 ug/l
 RT: 13.723 min Scan# 2001
 Delta R.T. -0.000 min
 Lab File: VN086278.D
 Acq: 15 Apr 2025 12:21

Tgt Ion:119 Resp: 58514
 Ion Ratio Lower Upper
 119 100
 134 25.7 13.1 39.1
 91 24.4 11.9 35.9





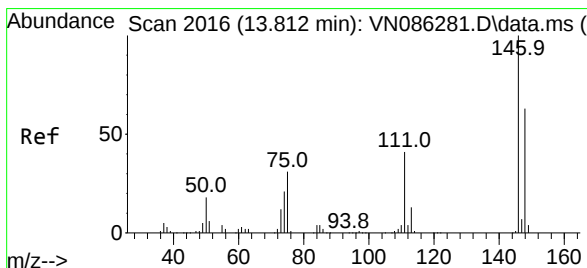
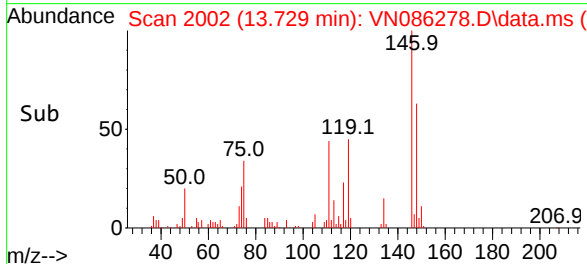
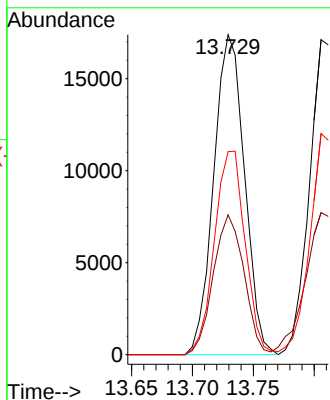
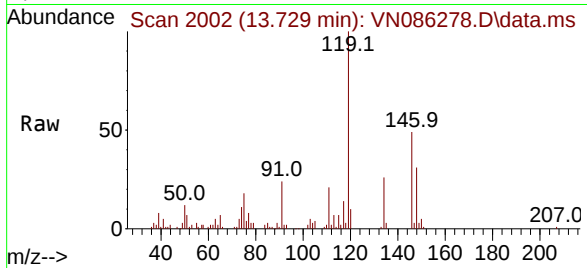
#87
1,3-Dichlorobenzene
Concen: 5.347 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. -0.000 min
Lab File: VN086278.D
Acq: 15 Apr 2025 12:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion:146 Resp: 30570
Ion Ratio Lower Upper
146 100
111 43.7 21.9 65.7
148 63.7 31.9 95.5

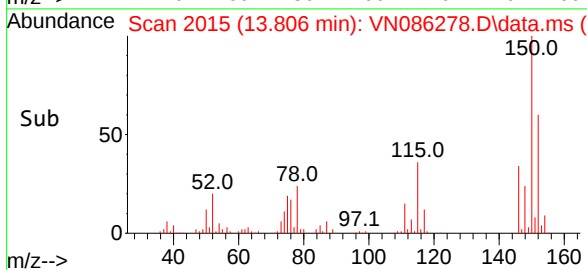
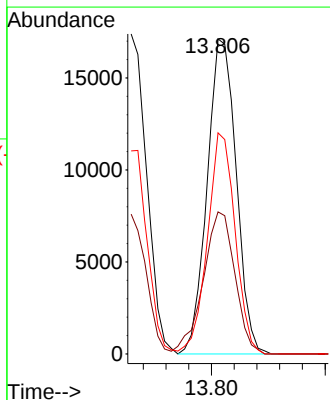
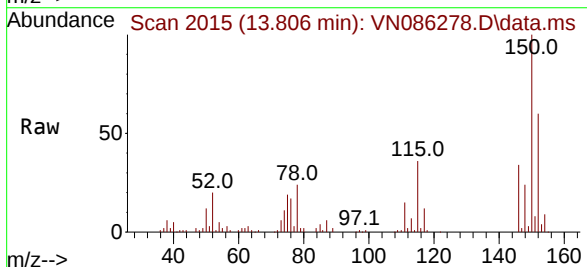
Manual Integrations
APPROVED

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



#88
1,4-Dichlorobenzene
Concen: 5.287 ug/l
RT: 13.806 min Scan# 2015
Delta R.T. -0.006 min
Lab File: VN086278.D
Acq: 15 Apr 2025 12:21

Tgt Ion:146 Resp: 30447
Ion Ratio Lower Upper
146 100
111 49.3 21.3 63.9
148 66.7 31.9 95.9





#89

n-Butylbenzene

Concen: 5.126 ug/l

RT: 14.053 min Scan# 2057

Delta R.T. -0.000 min

Lab File: VN086278.D

Acq: 15 Apr 2025 12:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

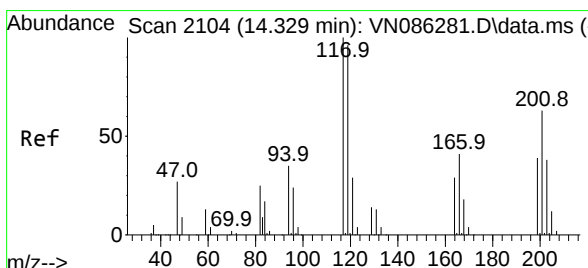
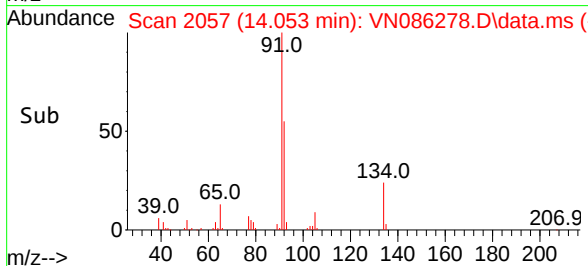
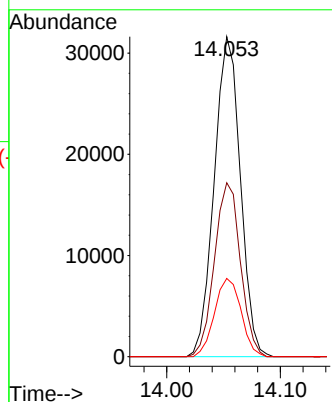
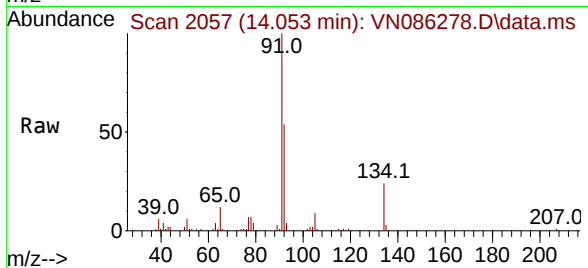
Tgt Ion:	91	Resp:	5056
Ion Ratio	Lower	Upper	
91	100		
92	54.0	26.8	80.4
134	24.9	12.2	36.6

Manual Integrations

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Reviewed By :John Carlone 04/16/2025

Supervised By :Semsettin Yesilyurt 04/16/2025



#90

Hexachloroethane

Concen: 5.252 ug/l

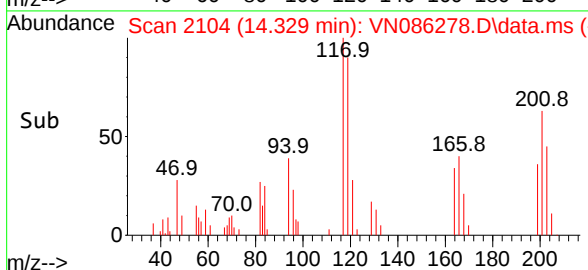
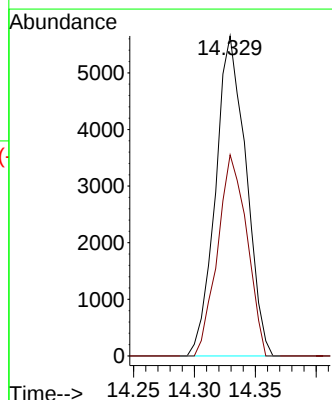
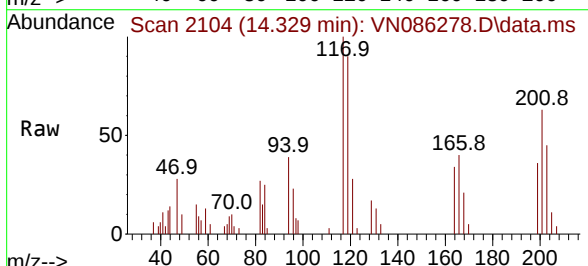
RT: 14.329 min Scan# 2104

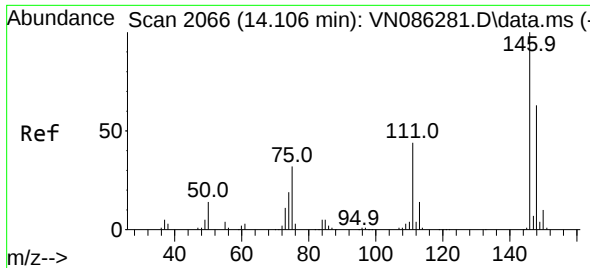
Delta R.T. -0.000 min

Lab File: VN086278.D

Acq: 15 Apr 2025 12:21

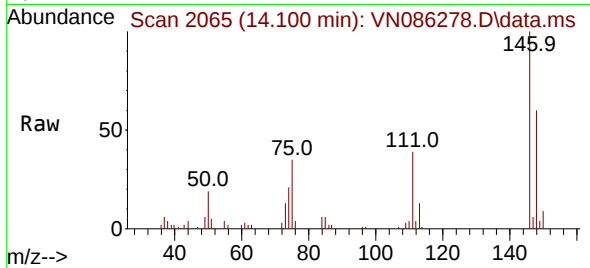
Tgt Ion:	117	Resp:	9832
Ion Ratio	Lower	Upper	
117	100		
201	60.5	31.4	94.2





#91
1,2-Dichlorobenzene
Concen: 5.511 ug/l
RT: 14.100 min Scan# 2066
Delta R.T. -0.006 min
Lab File: VN086278.D
Acq: 15 Apr 2025 12:21

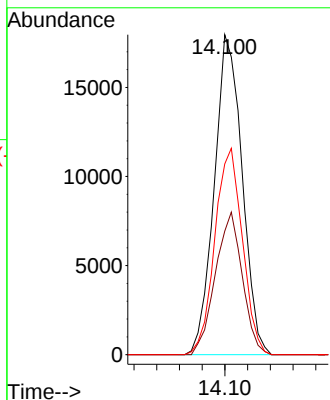
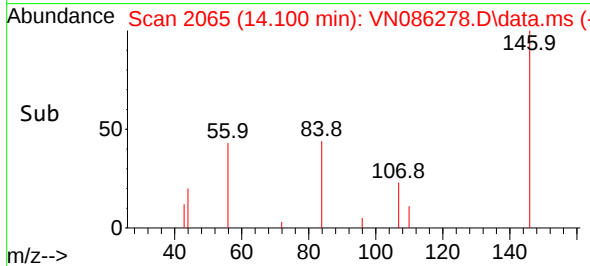
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



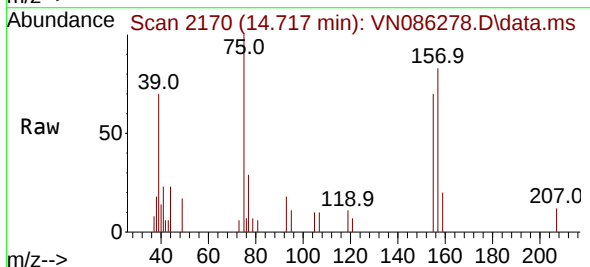
Tgt Ion:146 Resp: 30540
Ion Ratio Lower Upper
146 100
111 43.2 22.4 67.0
148 64.0 31.8 95.4

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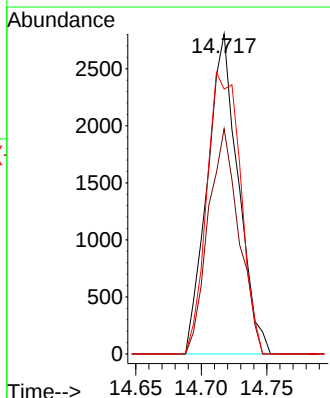
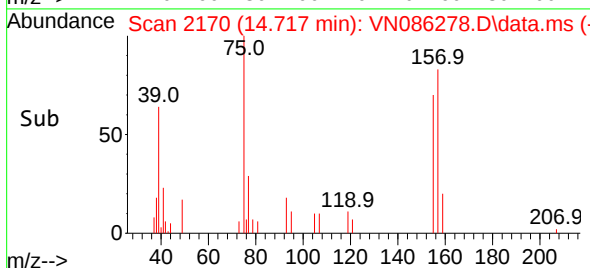
Reviewed By :John Carlone 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025

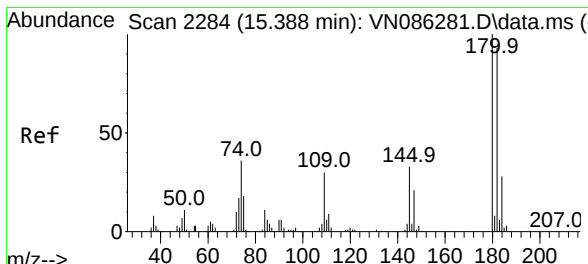


#92
1,2-Dibromo-3-Chloropropane
Concen: 5.772 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.000 min
Lab File: VN086278.D
Acq: 15 Apr 2025 12:21



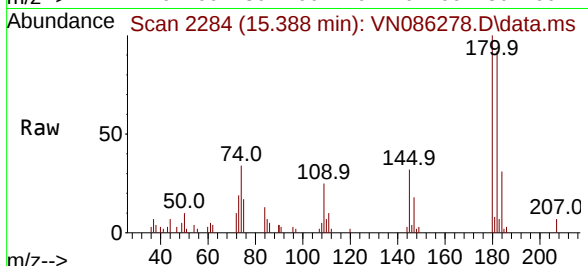
Tgt Ion: 75 Resp: 4593
Ion Ratio Lower Upper
75 100
155 70.0 40.3 120.9
157 96.0 49.0 147.2





#93
 1,2,4-Trichlorobenzene
 Concen: 5.465 ug/l
 RT: 15.388 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VN086278.D
 Acq: 15 Apr 2025 12:21

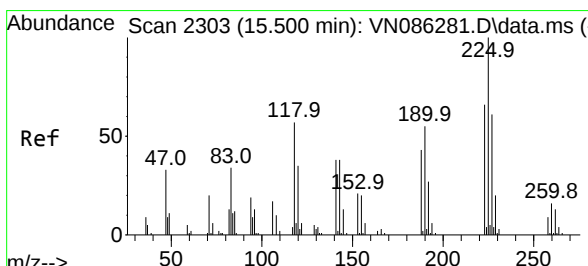
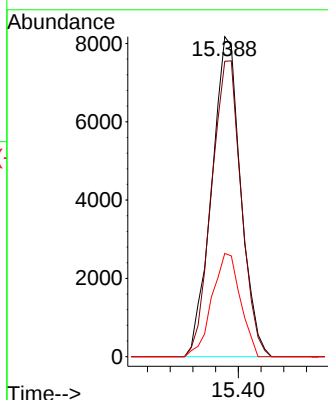
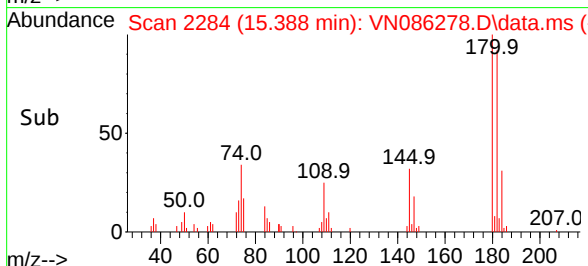
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005



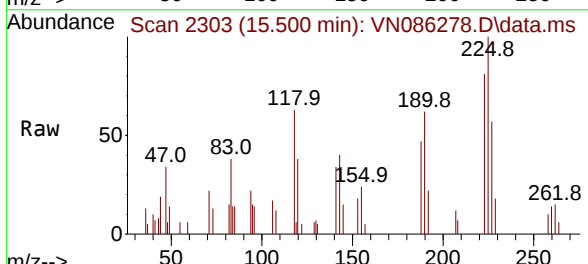
Tgt Ion:180 Resp: 14500
 Ion Ratio Lower Upper
 180 100
 182 94.5 47.0 141.0
 145 31.5 16.4 49.1

Manual Integrations
 APPROVED

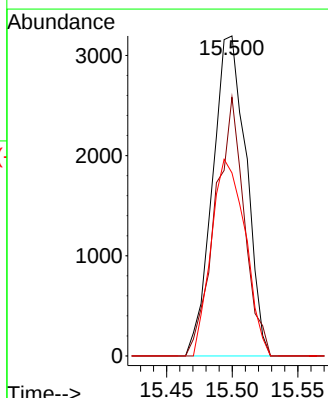
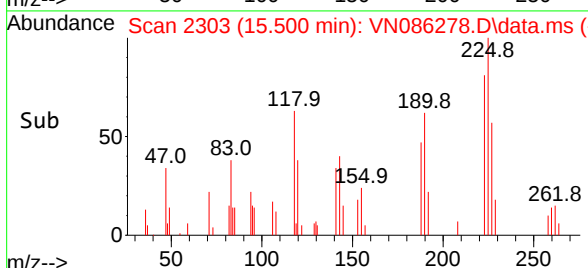
Reviewed By :John Carlone 04/16/2025
 Supervised By :Semsettin Yesilyurt 04/16/2025

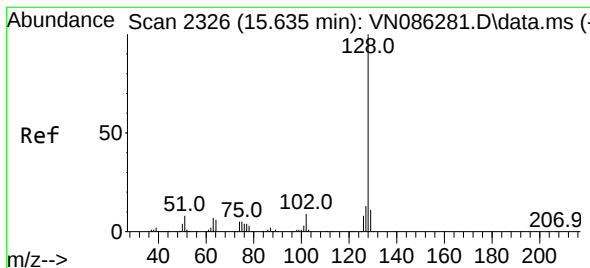


#94
 Hexachlorobutadiene
 Concen: 5.669 ug/l
 RT: 15.500 min Scan# 2303
 Delta R.T. -0.000 min
 Lab File: VN086278.D
 Acq: 15 Apr 2025 12:21



Tgt Ion:225 Resp: 5680
 Ion Ratio Lower Upper
 225 100
 223 70.3 32.8 98.3
 227 62.4 31.4 94.0





#95

Naphthalene

Concen: 5.270 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. 0.006 min

Lab File: VN086278.D

Acq: 15 Apr 2025 12:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

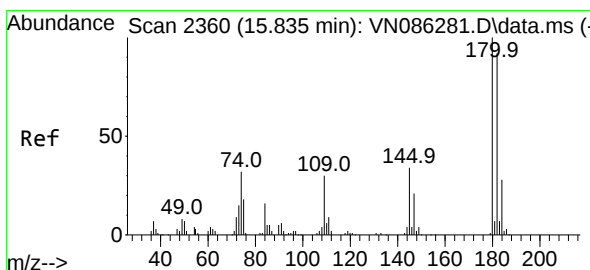
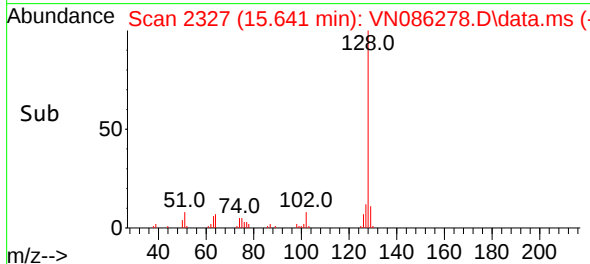
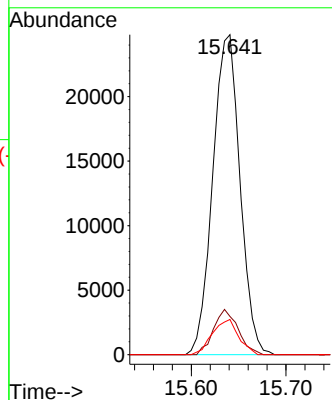
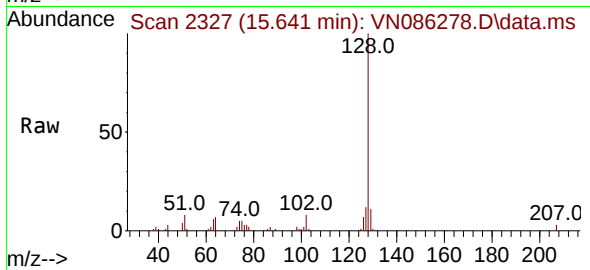
Tgt Ion:128	Resp:	4958
Ion Ratio	Lower	Upper
128	100	
127	12.8	10.2 15.4
129	10.6	8.6 13.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/16/2025

Supervised By :Semsettin Yesilyurt 04/16/2025



#96

1,2,3-Trichlorobenzene

Concen: 5.412 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. 0.006 min

Lab File: VN086278.D

Acq: 15 Apr 2025 12:21

Tgt Ion:180	Resp:	13599
Ion Ratio	Lower	Upper
180	100	
182	94.6	47.3 142.0
145	32.7	17.2 51.5

