

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041525\
 Data File : VN086281.D
 Acq On : 15 Apr 2025 13:51
 Operator : JC\MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

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

Quant Time: Apr 16 03:57:59 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

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

Internal Standards						
1) Pentafluorobenzene	8.218	168	223468	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	413969	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	367304	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	173703	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	160758	49.609	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	99.220%		
35) Dibromofluoromethane	8.165	113	88836	46.238	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	92.480%		
50) Toluene-d8	10.565	98	517785	50.426	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	100.860%		
62) 4-Bromofluorobenzene	12.847	95	190049	50.744	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	101.480%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	132017	49.836	ug/l	100
3) Chloromethane	2.359	50	168565	43.783	ug/l	100
4) Vinyl Chloride	2.518	62	176686	48.092	ug/l	100
5) Bromomethane	2.953	94	79546	48.135	ug/l	100
6) Chloroethane	3.118	64	111725	45.437	ug/l	100
7) Trichlorofluoromethane	3.501	101	192876	47.395	ug/l	100
8) Diethyl Ether	3.959	74	83664	47.092	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.371	101	117478	47.719	ug/l	100
10) Methyl Iodide	4.589	142	133779	49.427	ug/l	100
11) Tert butyl alcohol	5.512	59	138743	234.659	ug/l	100
12) 1,1-Dichloroethene	4.342	96	123106	46.805	ug/l	100
13) Acrolein	4.177	56	68075	246.717	ug/l	100
14) Allyl chloride	5.024	41	207525	44.409	ug/l	100
15) Acrylonitrile	5.712	53	354632	242.632	ug/l	100
16) Acetone	4.424	43	280935	250.761	ug/l	100
17) Carbon Disulfide	4.712	76	348133	44.205	ug/l	100
18) Methyl Acetate	5.018	43	174600	44.886	ug/l	100
19) Methyl tert-butyl Ether	5.789	73	449127	46.453	ug/l	100
20) Methylene Chloride	5.271	84	138293	46.163	ug/l	100
21) trans-1,2-Dichloroethene	5.789	96	128404	46.696	ug/l	100
22) Diisopropyl ether	6.665	45	471385	46.345	ug/l	100
23) Vinyl Acetate	6.600	43	1657348	233.153	ug/l	100
24) 1,1-Dichloroethane	6.565	63	253896	47.310	ug/l	100
25) 2-Butanone	7.477	43	475281	235.633	ug/l	100
26) 2,2-Dichloropropane	7.483	77	219735	45.729	ug/l	100
27) cis-1,2-Dichloroethene	7.483	96	159460	46.722	ug/l	100
28) Bromochloromethane	7.806	49	110726	48.660	ug/l	100
29) Tetrahydrofuran	7.836	42	313920	232.739	ug/l	100
30) Chloroform	7.965	83	246843	46.823	ug/l	100
31) Cyclohexane	8.253	56	238117	45.343	ug/l	100
32) 1,1,1-Trichloroethane	8.165	97	212021	47.013	ug/l	100
36) 1,1-Dichloropropene	8.365	75	183246	47.752	ug/l	100
37) Ethyl Acetate	7.553	43	184834	45.750	ug/l	100
38) Carbon Tetrachloride	8.359	117	175094	47.912	ug/l	100
39) Methylcyclohexane	9.594	83	216725	47.515	ug/l	100
40) Benzene	8.600	78	583316	47.443	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.771	41	109214	46.643	ug/l	100
42) 1,2-Dichloroethane	8.665	62	183854	46.892	ug/l	100
43) Isopropyl Acetate	8.683	43	358327	49.550	ug/l	100
44) Trichloroethene	9.347	130	139993	48.039	ug/l	100
45) 1,2-Dichloropropane	9.618	63	144496	48.011	ug/l	100
46) Dibromomethane	9.706	93	93965	49.002	ug/l	100
47) Bromodichloromethane	9.882	83	196793	47.516	ug/l	100
48) Methyl methacrylate	9.677	41	163719	46.146	ug/l	100
49) 1,4-Dioxane	9.694	88	53851	892.337	ug/l	100
51) 4-Methyl-2-Pentanone	10.441	43	1000994	241.959	ug/l	100
52) Toluene	10.629	92	369349	48.144	ug/l	100
53) t-1,3-Dichloropropene	10.829	75	226518	48.996	ug/l	100
54) cis-1,3-Dichloropropene	10.306	75	238764	47.021	ug/l	100
55) 1,1,2-Trichloroethane	11.012	97	131721	47.721	ug/l	100
56) Ethyl methacrylate	10.871	69	239654	47.235	ug/l	100
57) 1,3-Dichloropropane	11.159	76	233548	47.689	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	594475	246.859	ug/l	100
59) 2-Hexanone	11.194	43	734660	239.414	ug/l	100
60) Dibromochloromethane	11.359	129	146318	48.274	ug/l	100
61) 1,2-Dibromoethane	11.465	107	134281	48.213	ug/l	100
64) Tetrachloroethene	11.100	164	136116	48.177	ug/l	100
65) Chlorobenzene	11.888	112	385849	47.072	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.959	131	127627	47.197	ug/l	100
67) Ethyl Benzene	11.959	91	704474	47.627	ug/l	100
68) m/p-Xylenes	12.065	106	533742	96.302	ug/l	100
69) o-Xylene	12.394	106	261904	47.783	ug/l	100
70) Styrene	12.406	104	447486	48.998	ug/l	100
71) Bromoform	12.576	173	95822	47.065	ug/l #	100
73) Isopropylbenzene	12.694	105	647490	45.568	ug/l	100
74) N-amyl acetate	12.488	43	308916	43.670	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.935	83	179865	44.025	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	181010m	44.357	ug/l	
77) Bromobenzene	12.976	156	147720	46.919	ug/l	100
78) n-propylbenzene	13.035	91	779530	46.556	ug/l	100
79) 2-Chlorotoluene	13.123	91	479235	45.740	ug/l	100
80) 1,3,5-Trimethylbenzene	13.170	105	535465	46.042	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	80078m	46.919	ug/l	
82) 4-Chlorotoluene	13.218	91	488049	46.893	ug/l	100
83) tert-Butylbenzene	13.435	119	452999	44.954	ug/l	100
84) 1,2,4-Trimethylbenzene	13.476	105	550727	46.521	ug/l	100
85) sec-Butylbenzene	13.612	105	653679	46.767	ug/l	100
86) p-Isopropyltoluene	13.723	119	548528	47.611	ug/l	100
87) 1,3-Dichlorobenzene	13.729	146	279645	47.249	ug/l	100
88) 1,4-Dichlorobenzene	13.812	146	280378	47.032	ug/l	100
89) n-Butylbenzene	14.053	91	492941	48.271	ug/l	100
90) Hexachloroethane	14.329	117	90009	46.447	ug/l	100
91) 1,2-Dichlorobenzene	14.106	146	270731	47.181	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.717	75	38625	46.887	ug/l	100
93) 1,2,4-Trichlorobenzene	15.388	180	132919	48.375	ug/l	100
94) Hexachlorobutadiene	15.500	225	48694	46.947	ug/l	100
95) Naphthalene	15.635	128	464685	47.708	ug/l	100
96) 1,2,3-Trichlorobenzene	15.835	180	122910	47.249	ug/l	100

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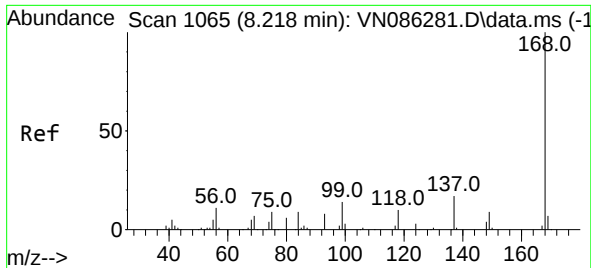
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Manual Integrations

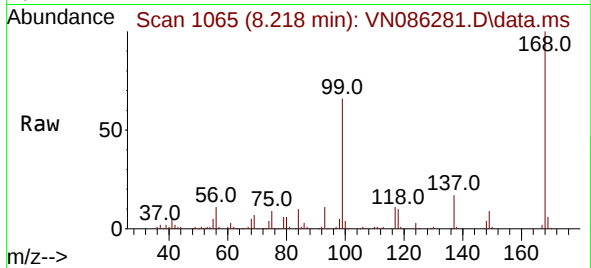
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.000 min
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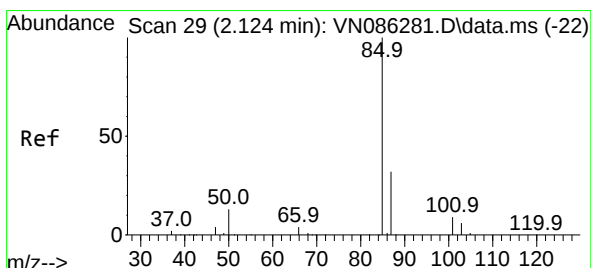
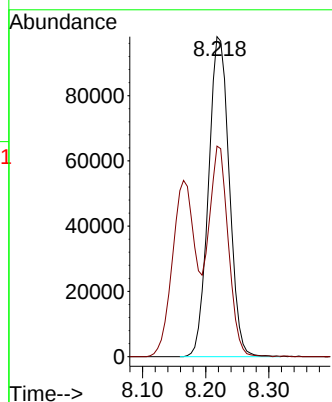
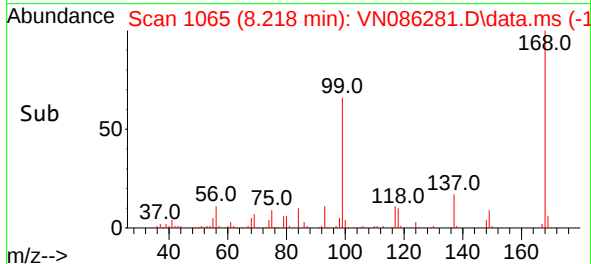
Instrument :
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ClientSampleId :
VSTDICCC050



Tgt Ion:168 Resp: 223468
Ion Ratio Lower Upper
168 100
99 65.6 52.5 78.7

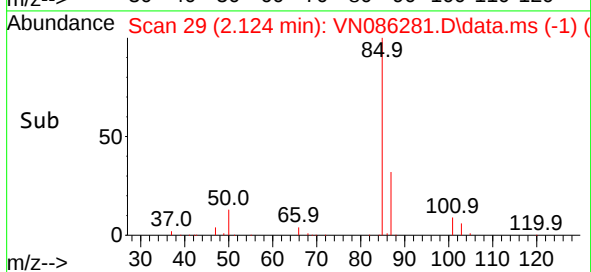
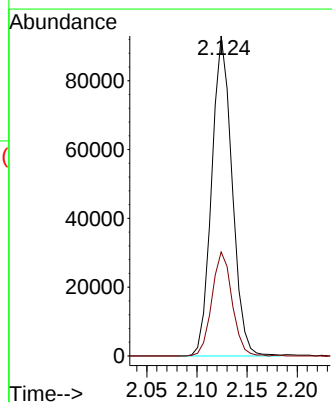
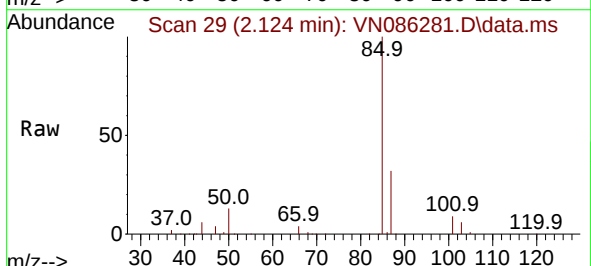
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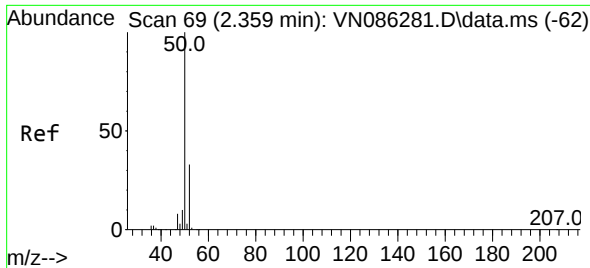
Reviewed By :John Carlone 04/16/2025
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#2
Dichlorodifluoromethane
Concen: 49.836 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN086281.D
Acq: 15 Apr 2025 13:51

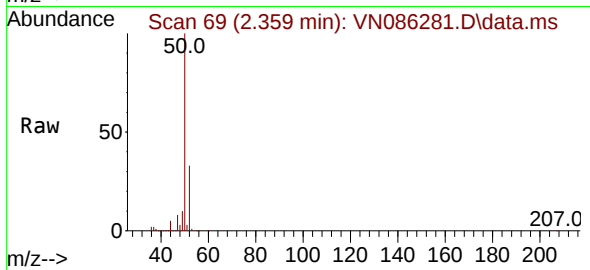
Tgt Ion: 85 Resp: 132017
Ion Ratio Lower Upper
85 100
87 32.5 16.3 48.8





#3
Chloromethane
Concen: 43.783 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN086281.D
Acq: 15 Apr 2025 13:51

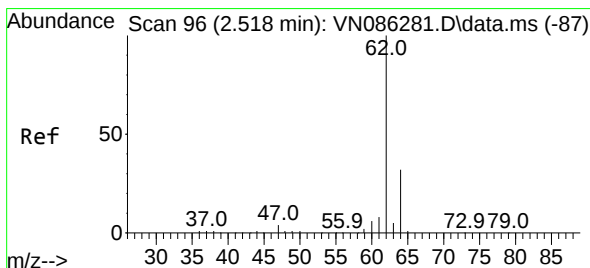
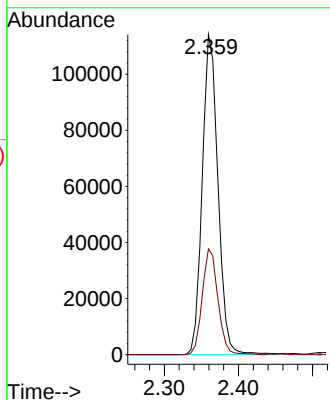
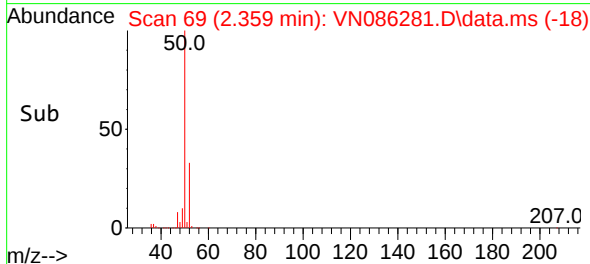
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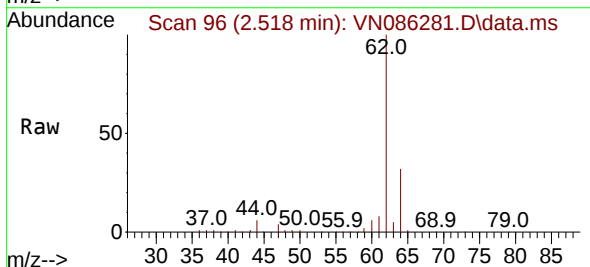
Tgt Ion: 50 Resp: 16856
Ion Ratio Lower Upper
50 100
52 33.1 26.5 39.7

Manual Integrations
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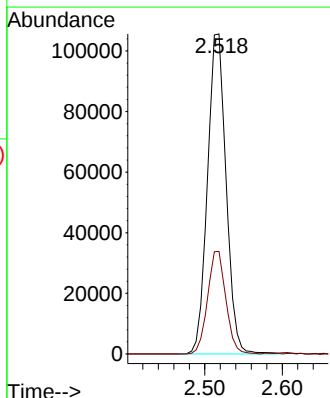
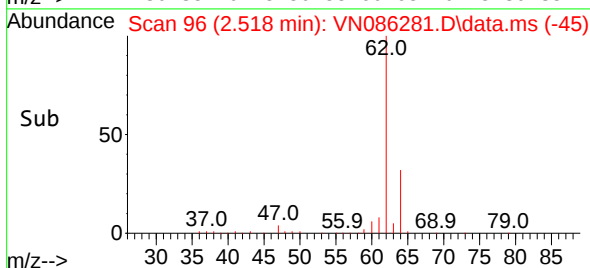
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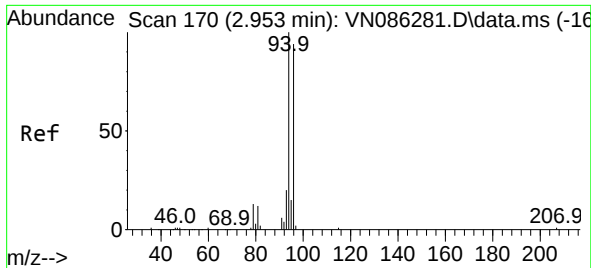


#4
Vinyl Chloride
Concen: 48.092 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.000 min
Lab File: VN086281.D
Acq: 15 Apr 2025 13:51



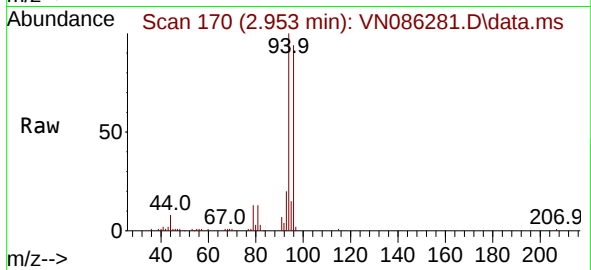
Tgt Ion: 62 Resp: 176686
Ion Ratio Lower Upper
62 100
64 32.0 25.6 38.4





#5
Bromomethane
Concen: 48.135 ug/l
RT: 2.953 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN086281.D
Acq: 15 Apr 2025 13:51

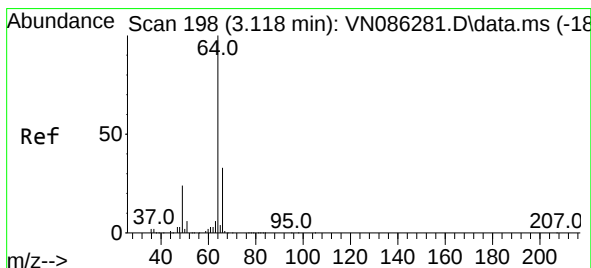
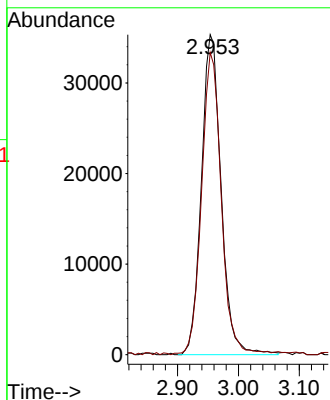
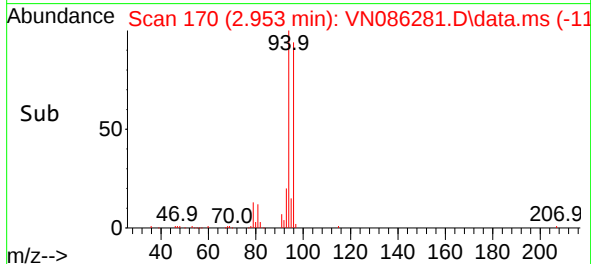
Instrument :
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Tgt Ion: 94 Resp: 79540
Ion Ratio Lower Upper
94 100
96 94.0 75.2 112.8

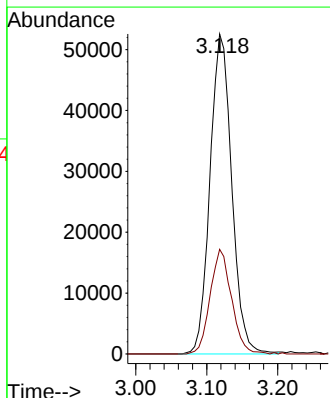
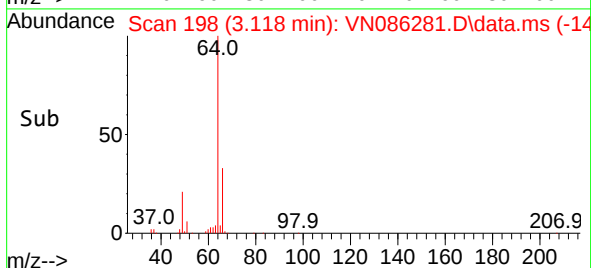
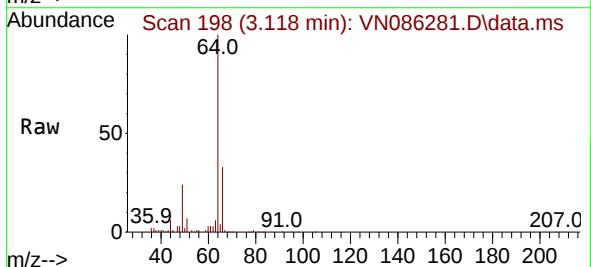
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#6
Chloroethane
Concen: 45.437 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.000 min
Lab File: VN086281.D
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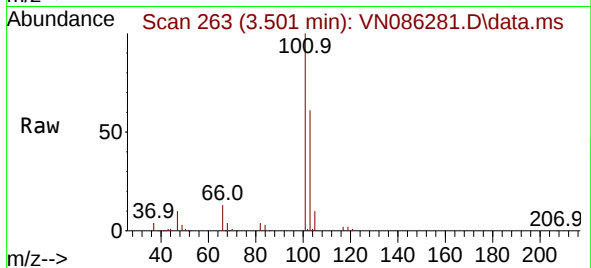
Tgt Ion: 64 Resp: 111725
Ion Ratio Lower Upper
64 100
66 32.7 26.2 39.2





#7
 Trichlorofluoromethane
 Concen: 47.395 ug/l
 RT: 3.501 min Scan# 263
 Delta R.T. 0.000 min
 Lab File: VN086281.D
 Acq: 15 Apr 2025 13:51

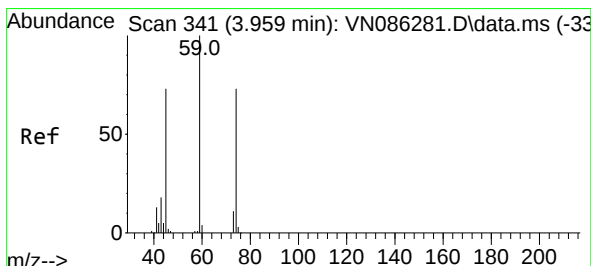
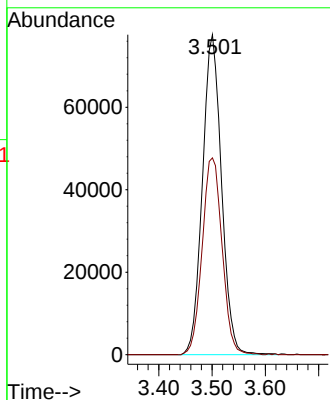
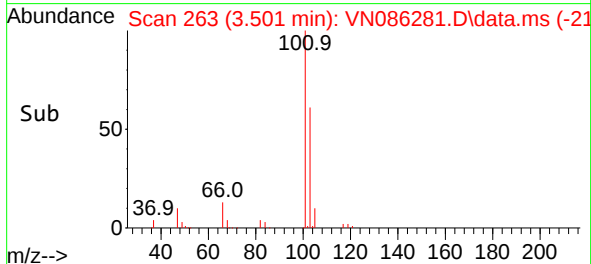
Instrument :
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Tgt Ion:101 Resp: 192870
 Ion Ratio Lower Upper
 101 100
 103 61.5 49.2 73.8

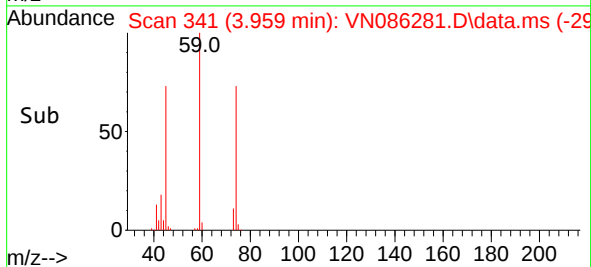
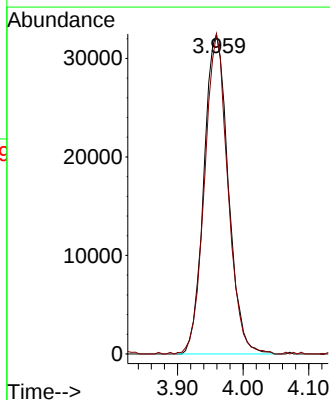
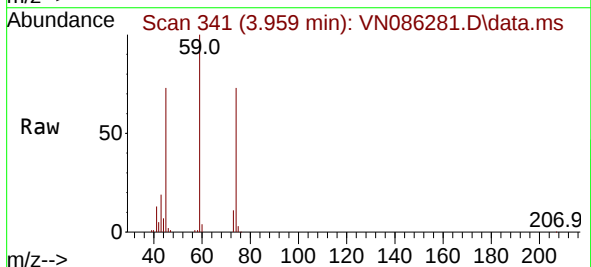
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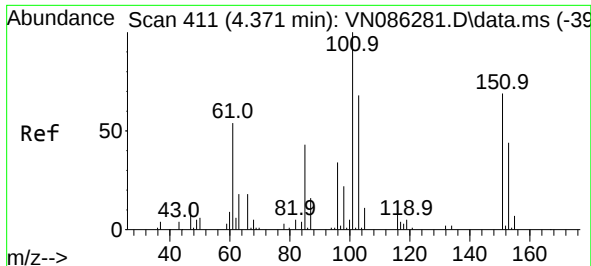
Reviewed By :John Carlone 04/16/2025
 Supervised By :Semsettin Yesilyurt 04/16/2025



#8
 Diethyl Ether
 Concen: 47.092 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. 0.000 min
 Lab File: VN086281.D
 Acq: 15 Apr 2025 13:51

Tgt Ion: 74 Resp: 83664
 Ion Ratio Lower Upper
 74 100
 45 96.1 48.0 144.2





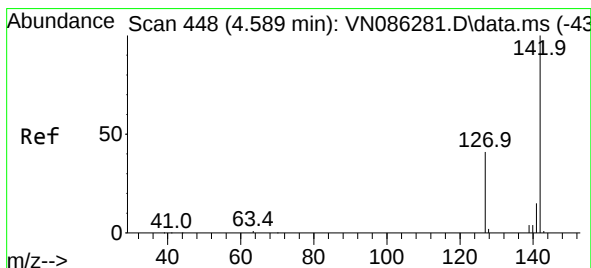
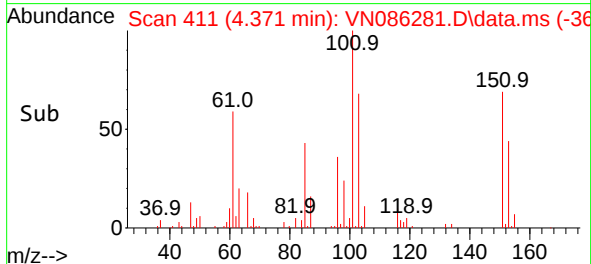
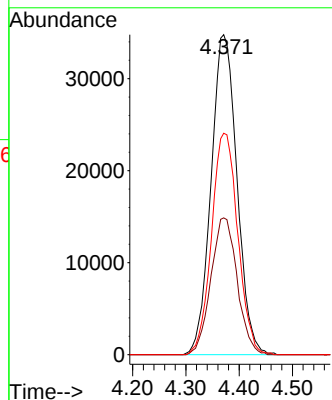
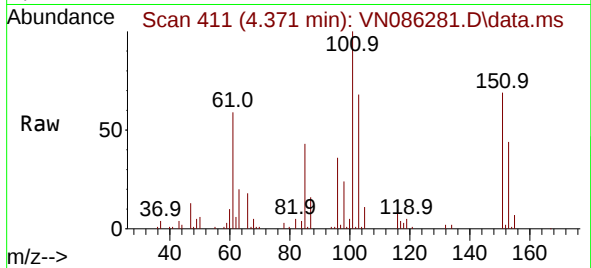
#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.719 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.000 min
Lab File: VN086281.D
Acq: 15 Apr 2025 13:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion:101 Resp: 117478
Ion Ratio Lower Upper
101 100
85 43.4 34.7 52.1
151 70.1 56.1 84.1

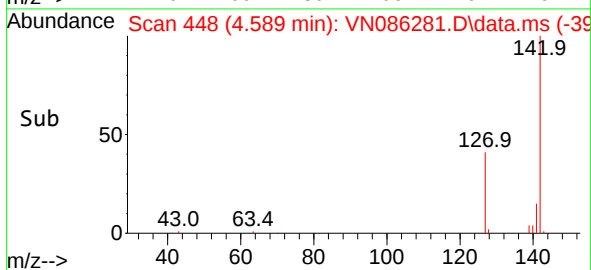
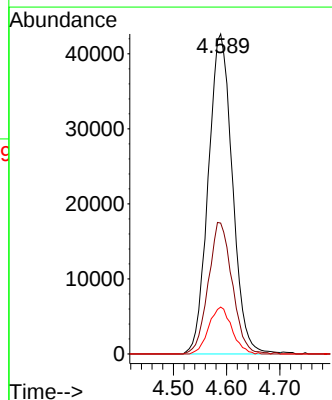
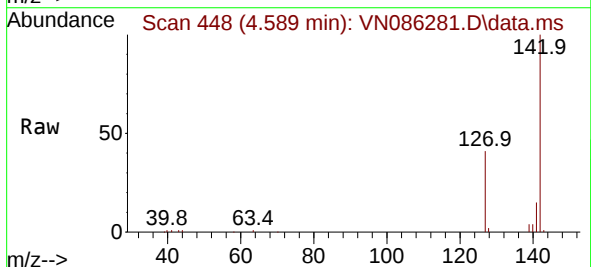
Manual Integrations
APPROVED

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



#10
Methyl Iodide
Concen: 49.427 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.000 min
Lab File: VN086281.D
Acq: 15 Apr 2025 13:51

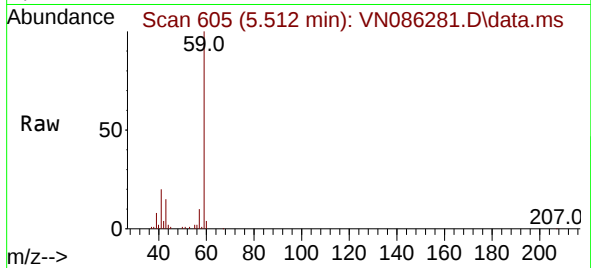
Tgt Ion:142 Resp: 133779
Ion Ratio Lower Upper
142 100
127 40.9 32.7 49.1
141 14.6 11.7 17.5





#11
Tert butyl alcohol
Concen: 234.659 ug/l
RT: 5.512 min Scan# 605
Delta R.T. 0.000 min
Lab File: VN086281.D
Acq: 15 Apr 2025 13:51

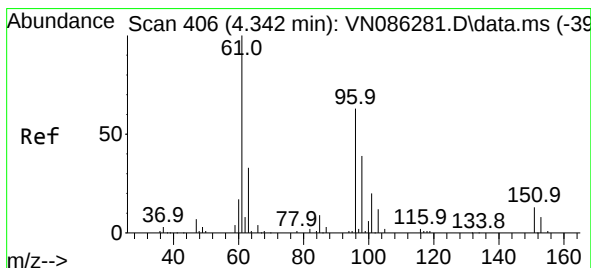
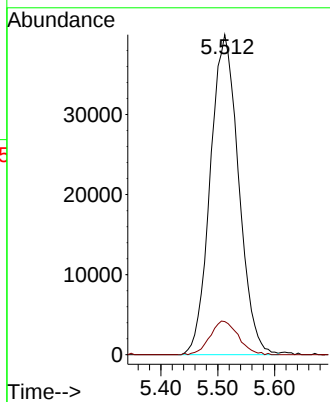
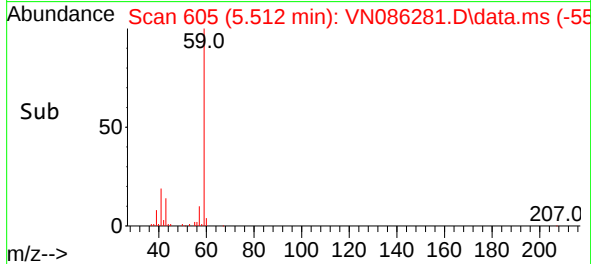
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



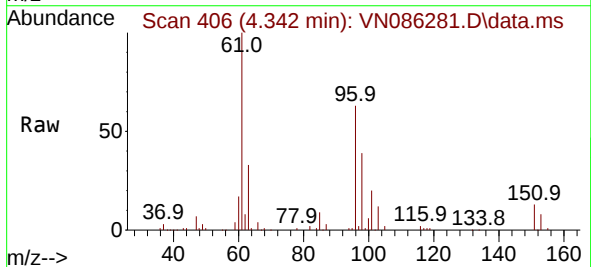
Tgt Ion: 59 Resp: 13874
Ion Ratio Lower Upper
59 100
57 10.4 8.3 12.5

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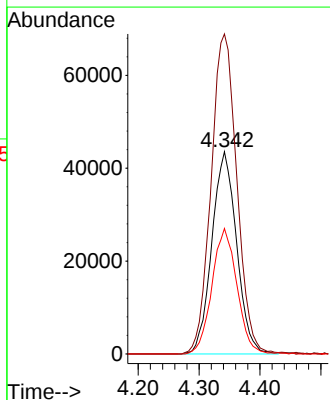
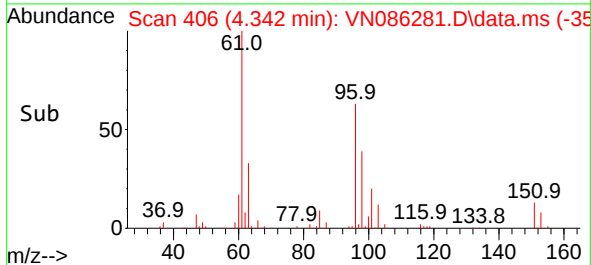
Reviewed By :John Carlone 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025

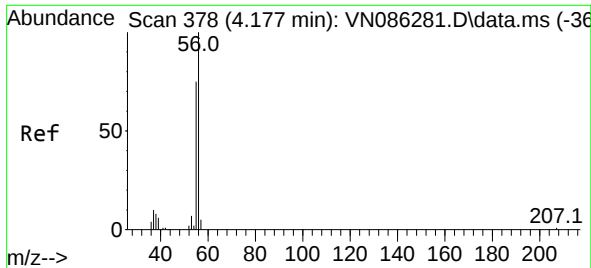


#12
1,1-Dichloroethene
Concen: 46.805 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.000 min
Lab File: VN086281.D
Acq: 15 Apr 2025 13:51



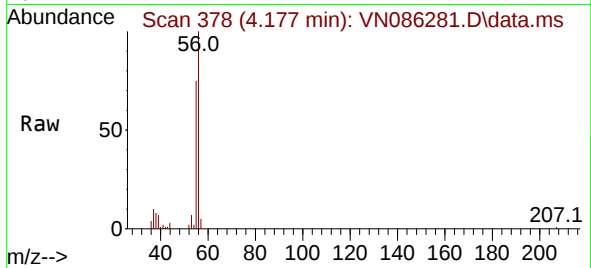
Tgt Ion: 96 Resp: 123106
Ion Ratio Lower Upper
96 100
61 158.2 126.6 189.8
98 62.0 49.6 74.4





#13
Acrolein
Concen: 246.717 ug/l
RT: 4.177 min Scan# 378
Delta R.T. -0.000 min
Lab File: VN086281.D
Acq: 15 Apr 2025 13:51

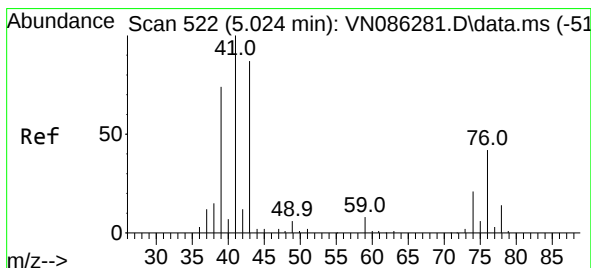
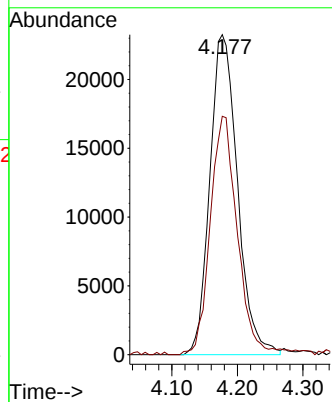
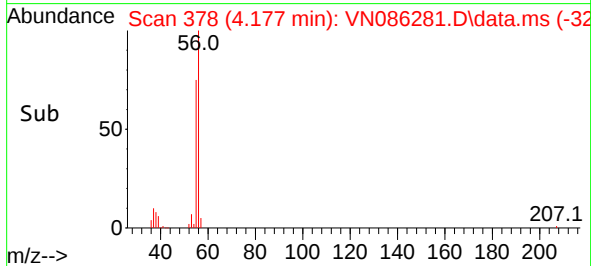
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



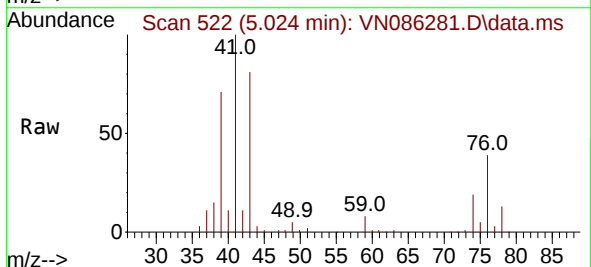
Tgt Ion: 56 Resp: 68075
Ion Ratio Lower Upper
56 100
55 73.1 58.5 87.7

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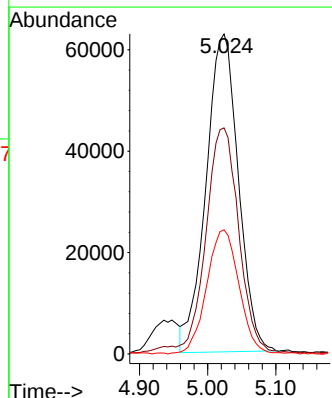
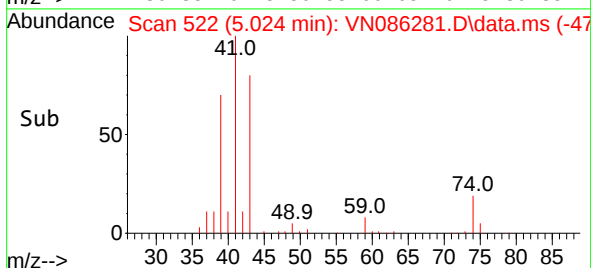
Reviewed By :John Carlone 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025



#14
Allyl chloride
Concen: 44.409 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.000 min
Lab File: VN086281.D
Acq: 15 Apr 2025 13:51



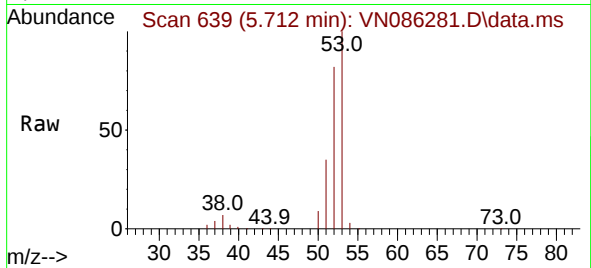
Tgt Ion: 41 Resp: 207525
Ion Ratio Lower Upper
41 100
39 74.0 59.2 88.8
76 39.0 31.2 46.8





#15
Acrylonitrile
Concen: 242.632 ug/l
RT: 5.712 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN086281.D
Acq: 15 Apr 2025 13:51

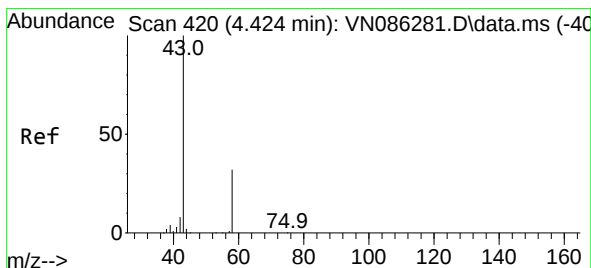
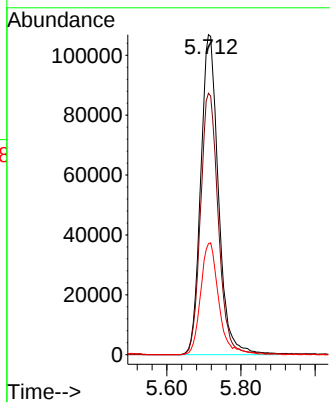
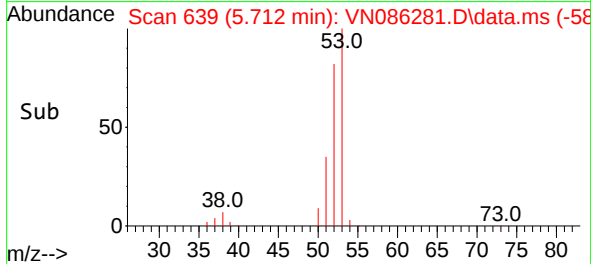
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



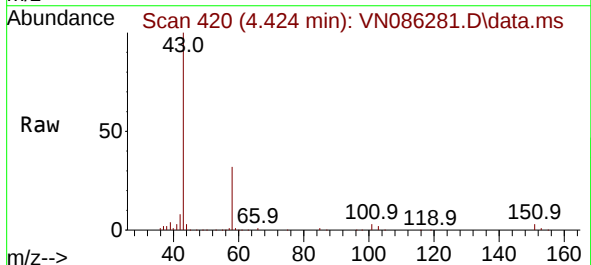
Tgt Ion: 53 Resp: 354632
Ion Ratio Lower Upper
53 100
52 81.9 65.5 98.3
51 35.7 28.6 42.8

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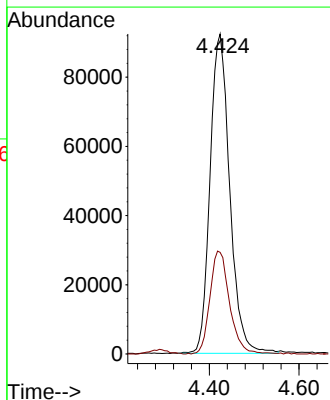
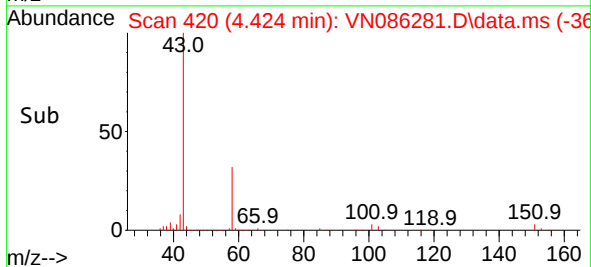
Reviewed By :John Carlone 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025

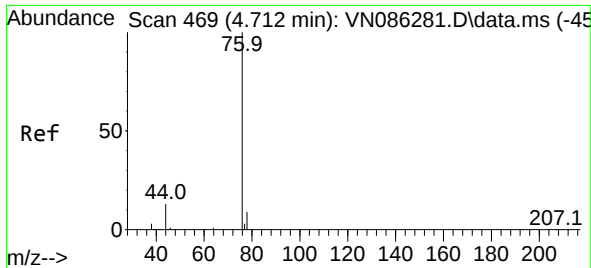


#16
Acetone
Concen: 250.761 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN086281.D
Acq: 15 Apr 2025 13:51



Tgt Ion: 43 Resp: 280935
Ion Ratio Lower Upper
43 100
58 31.6 25.3 37.9





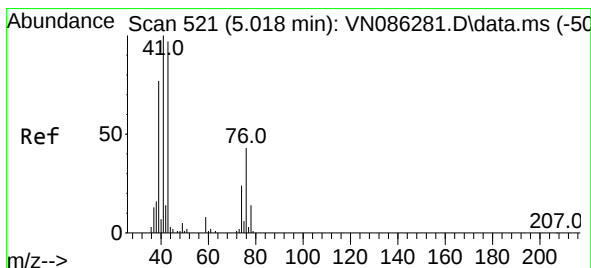
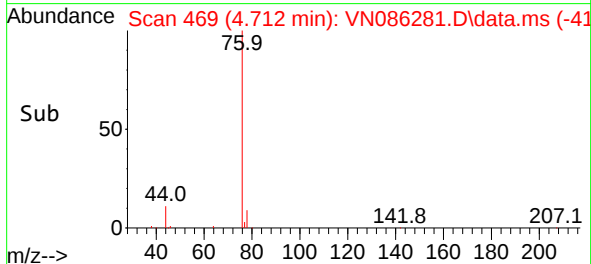
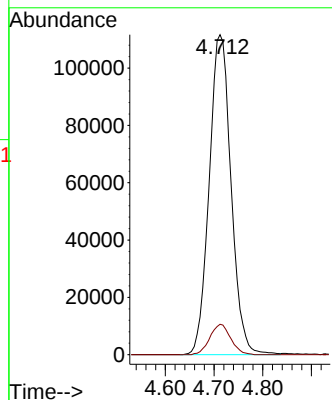
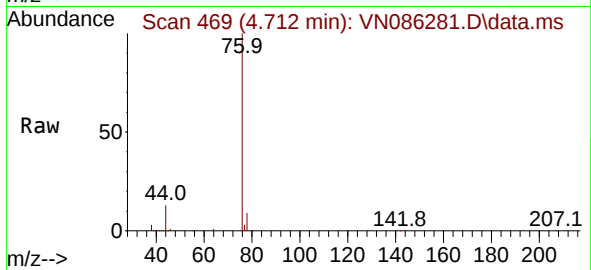
#17
Carbon Disulfide
Concen: 44.205 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.000 min
Lab File: VN086281.D
Acq: 15 Apr 2025 13:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion: 76 Resp: 34813
Ion Ratio Lower Upper
76 100
78 9.5 7.6 11.4

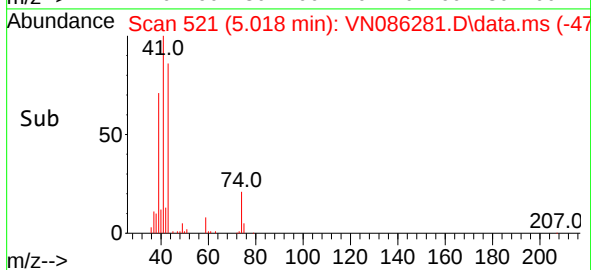
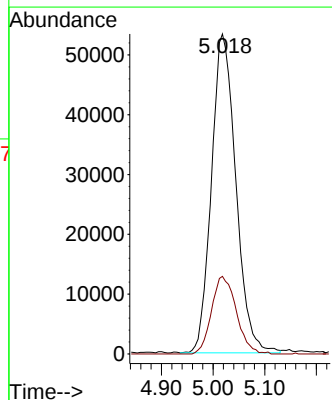
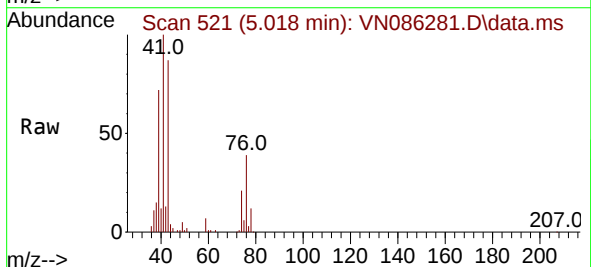
Manual Integrations
APPROVED

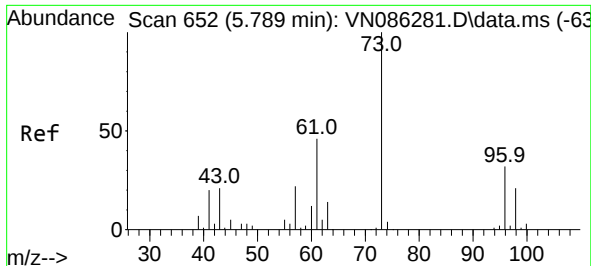
Reviewed By :John Carlone 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025



#18
Methyl Acetate
Concen: 44.886 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.000 min
Lab File: VN086281.D
Acq: 15 Apr 2025 13:51

Tgt Ion: 43 Resp: 174600
Ion Ratio Lower Upper
43 100
74 24.7 19.8 29.6





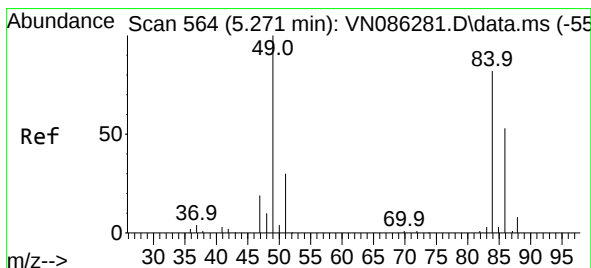
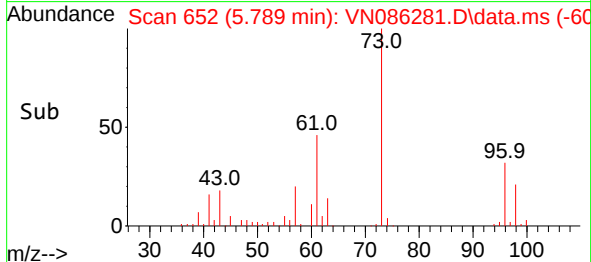
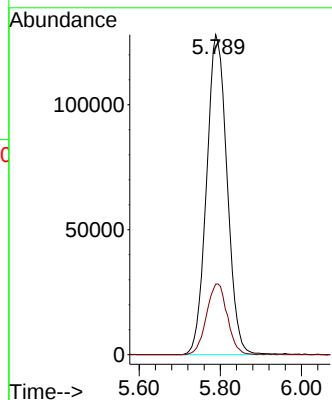
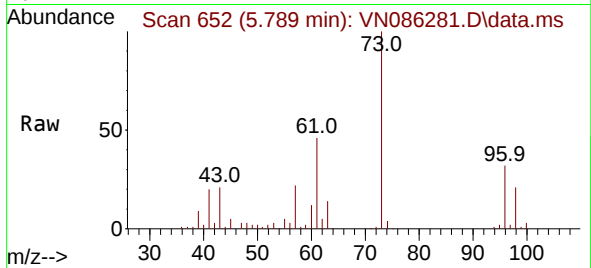
#19
Methyl tert-butyl Ether
Concen: 46.453 ug/l
RT: 5.789 min Scan# 612
Delta R.T. 0.000 min
Lab File: VN086281.D
Acq: 15 Apr 2025 13:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion: 73 Resp: 44912
Ion Ratio Lower Upper
73 100
57 22.0 17.6 26.4

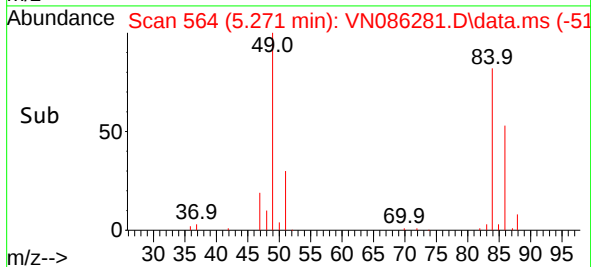
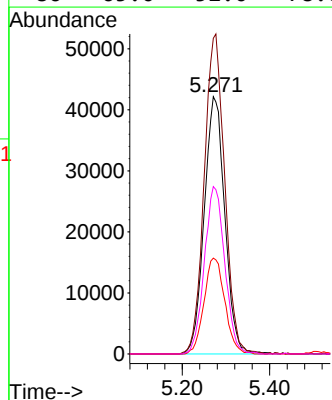
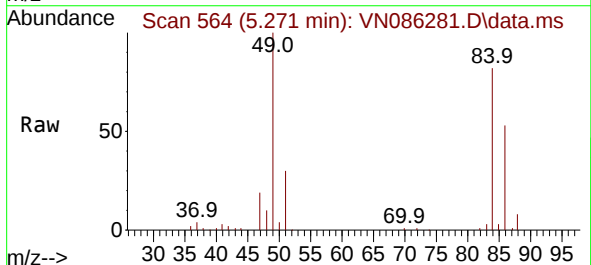
Manual Integrations
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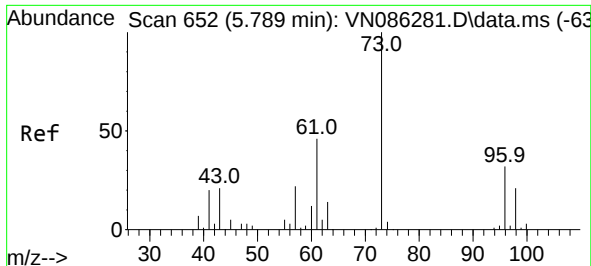
Reviewed By :John Carlone 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025



#20
Methylene Chloride
Concen: 46.163 ug/l
RT: 5.271 min Scan# 564
Delta R.T. 0.000 min
Lab File: VN086281.D
Acq: 15 Apr 2025 13:51

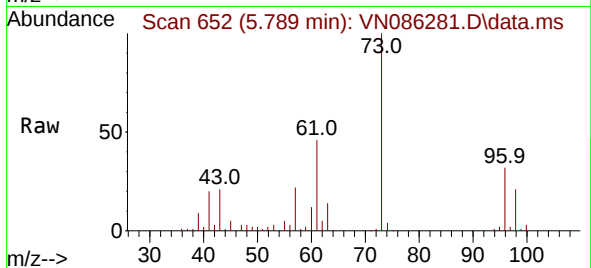
Tgt Ion: 84 Resp: 138293
Ion Ratio Lower Upper
84 100
49 122.7 98.2 147.2
51 37.2 29.8 44.6
86 65.0 52.0 78.0





#21
trans-1,2-Dichloroethene
Concen: 46.696 ug/l
RT: 5.789 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN086281.D
Acq: 15 Apr 2025 13:51

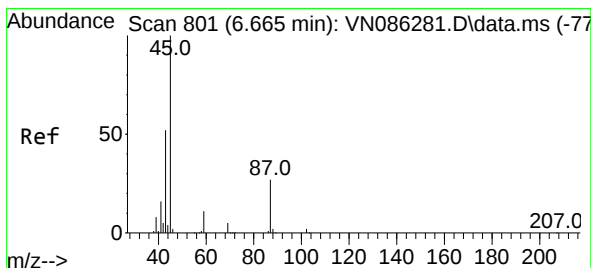
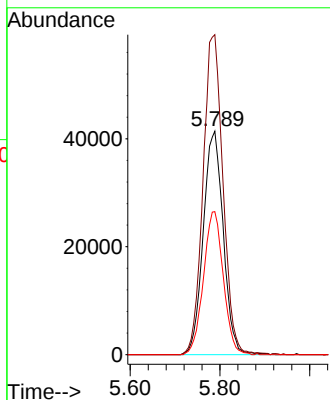
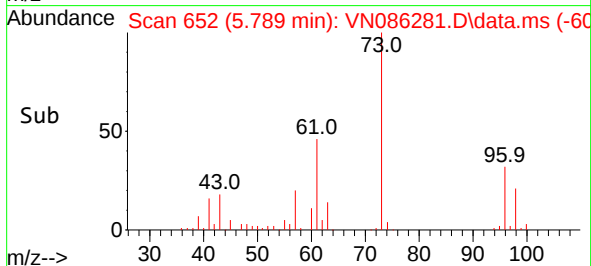
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 96 Resp: 128404
Ion Ratio Lower Upper
96 100
61 143.2 114.6 171.8
98 64.0 51.2 76.8

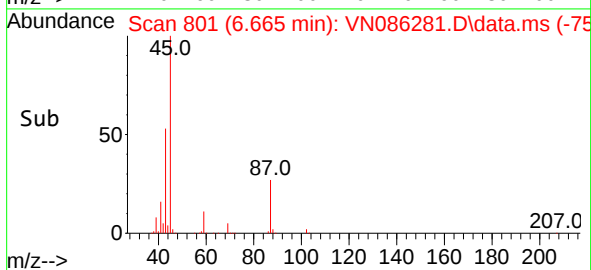
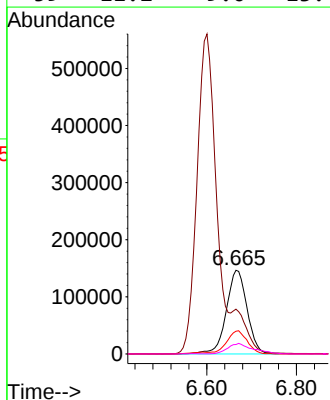
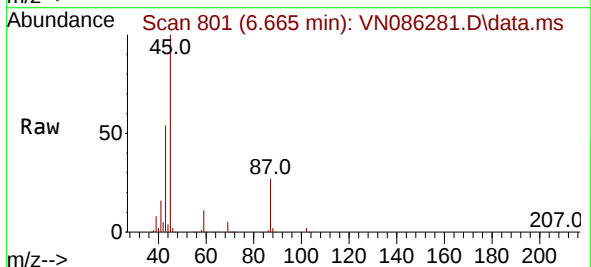
Manual Integrations
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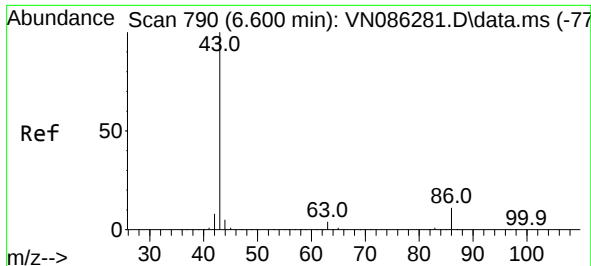
Reviewed By :John Carlone 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025



#22
Diisopropyl ether
Concen: 46.345 ug/l
RT: 6.665 min Scan# 801
Delta R.T. 0.000 min
Lab File: VN086281.D
Acq: 15 Apr 2025 13:51

Tgt Ion: 45 Resp: 471385
Ion Ratio Lower Upper
45 100
43 52.3 41.8 62.8
87 27.0 21.6 32.4
59 11.2 9.0 13.4





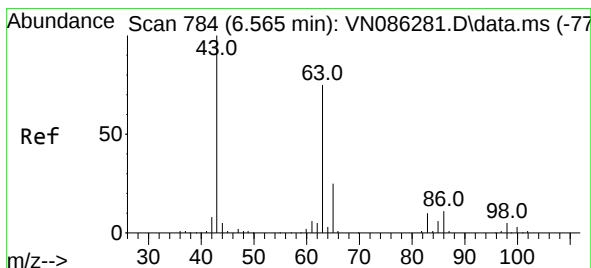
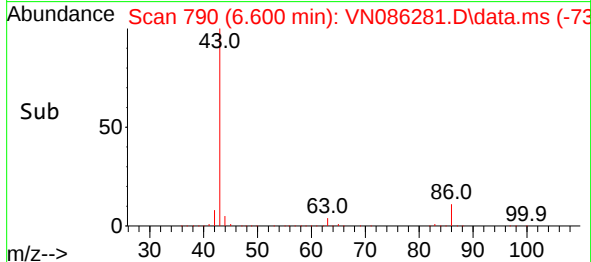
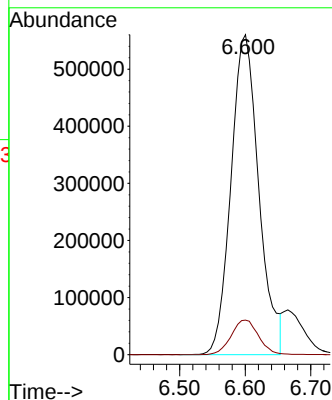
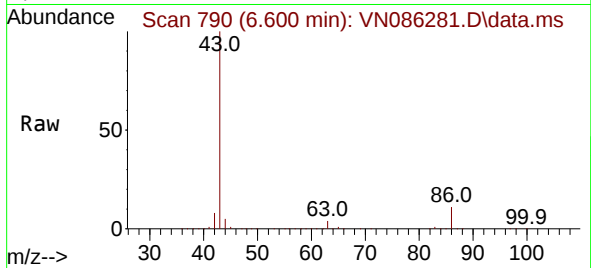
#23
 Vinyl Acetate
 Concen: 233.153 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. 0.000 min
 Lab File: VN086281.D
 Acq: 15 Apr 2025 13:51

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Tgt Ion: 43 Resp: 1657348
 Ion Ratio Lower Upper
 43 100
 86 10.8 8.6 13.0

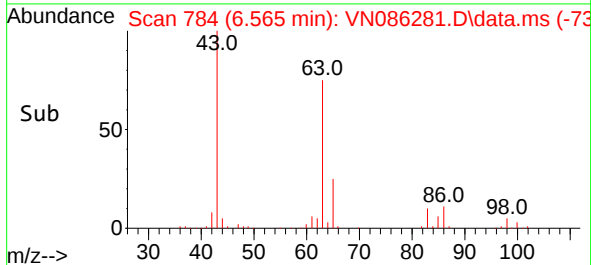
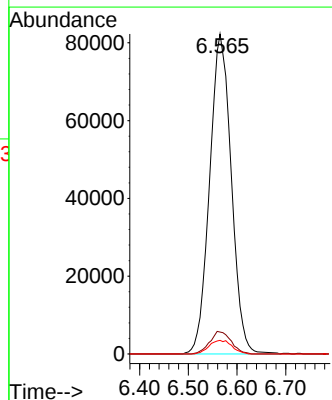
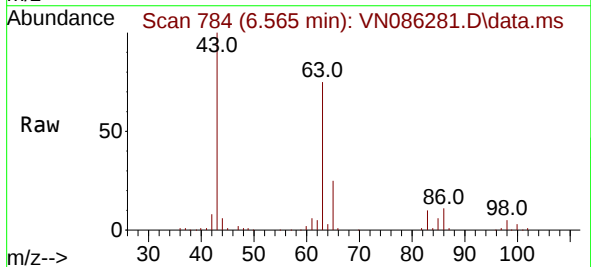
Manual Integrations
 APPROVED

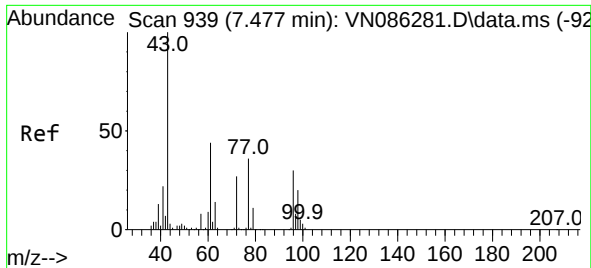
Reviewed By :John Carlone 04/16/2025
 Supervised By :Semsettin Yesilyurt 04/16/2025



#24
 1,1-Dichloroethane
 Concen: 47.310 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. 0.000 min
 Lab File: VN086281.D
 Acq: 15 Apr 2025 13:51

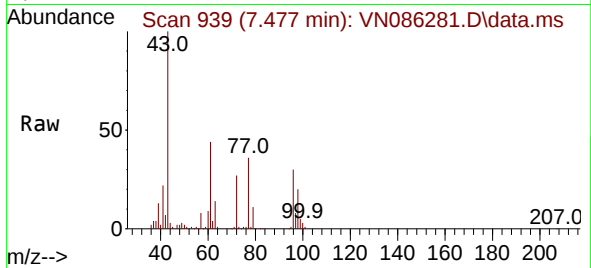
Tgt Ion: 63 Resp: 253896
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.4 10.2
 100 4.3 2.1 6.5





#25
2-Butanone
Concen: 235.633 ug/l
RT: 7.477 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN086281.D
Acq: 15 Apr 2025 13:51

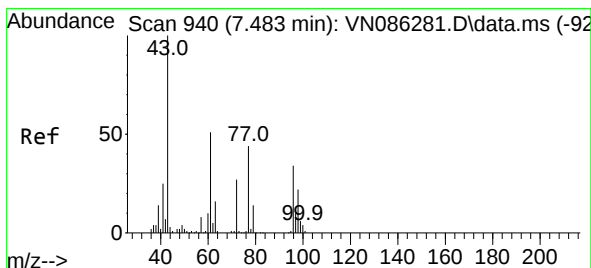
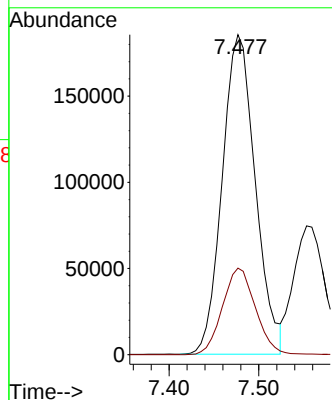
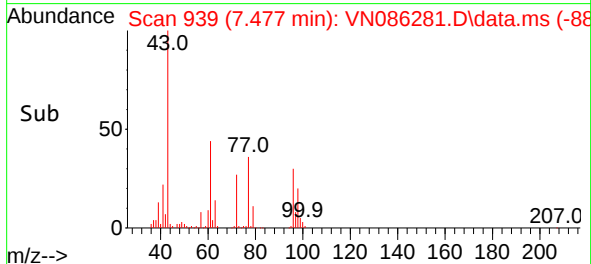
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



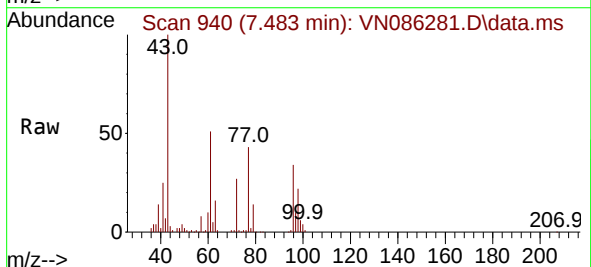
Tgt Ion: 43 Resp: 47528
Ion Ratio Lower Upper
43 100
72 27.1 21.7 32.5

Manual Integrations
APPROVED

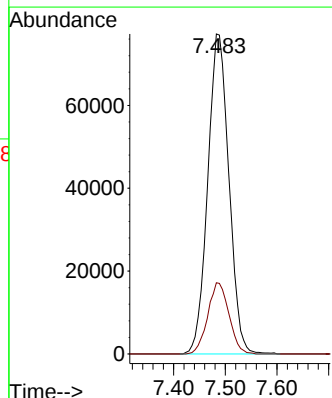
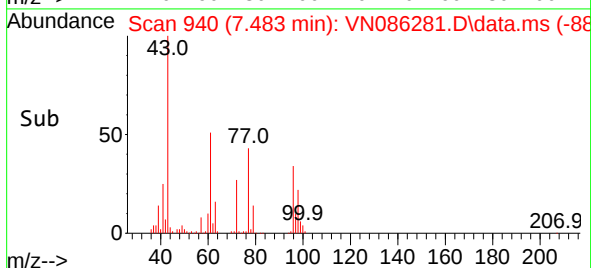
Reviewed By :John Carlone 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025

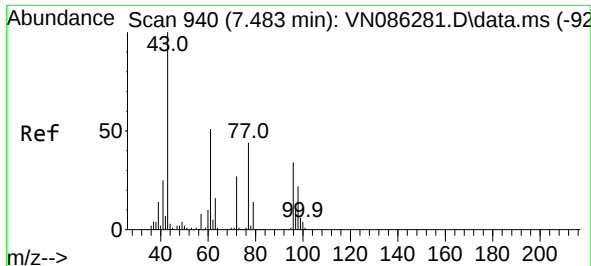


#26
2,2-Dichloropropane
Concen: 45.729 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN086281.D
Acq: 15 Apr 2025 13:51



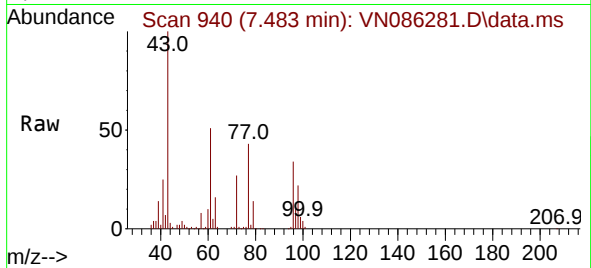
Tgt Ion: 77 Resp: 219735
Ion Ratio Lower Upper
77 100
97 22.3 11.2 33.5





#27
 cis-1,2-Dichloroethene
 Concen: 46.722 ug/l
 RT: 7.483 min Scan# 940
 Delta R.T. 0.000 min
 Lab File: VN086281.D
 Acq: 15 Apr 2025 13:51

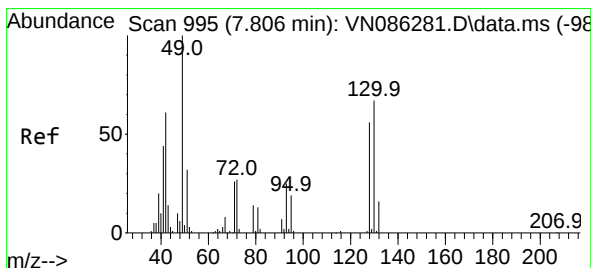
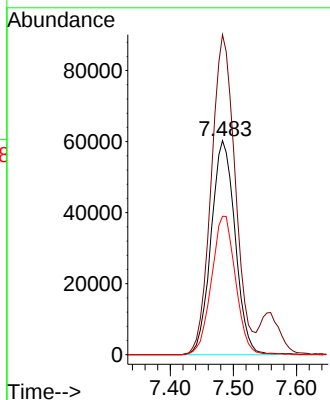
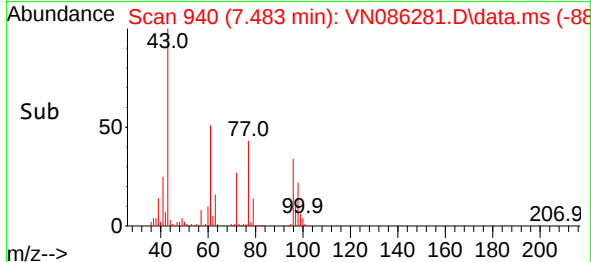
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050



Tgt Ion: 96 Resp: 159460
 Ion Ratio Lower Upper
 96 100
 61 149.5 0.0 299.0
 98 64.8 0.0 129.6

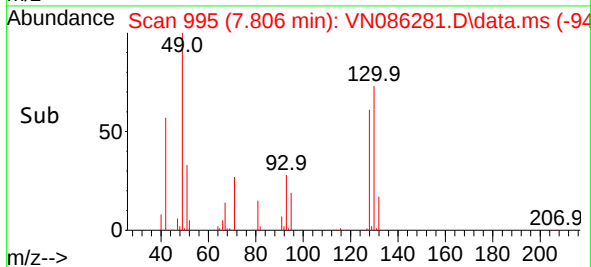
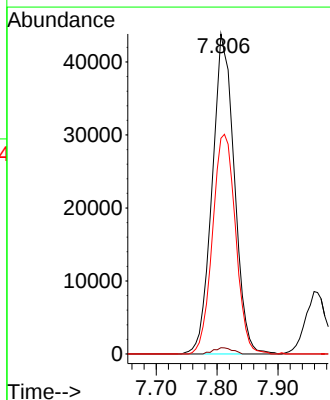
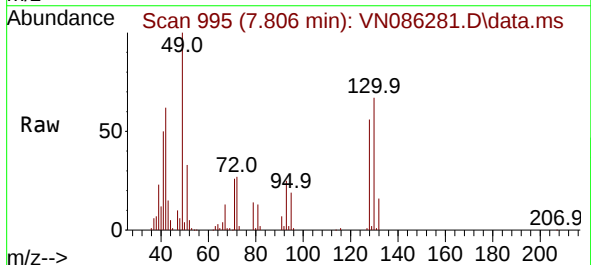
Manual Integrations
 APPROVED

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



#28
 Bromochloromethane
 Concen: 48.660 ug/l
 RT: 7.806 min Scan# 995
 Delta R.T. 0.000 min
 Lab File: VN086281.D
 Acq: 15 Apr 2025 13:51

Tgt Ion: 49 Resp: 110726
 Ion Ratio Lower Upper
 49 100
 129 1.7 0.0 3.4
 130 71.4 57.1 85.7





#29

Tetrahydrofuran

Concen: 232.739 ug/l

RT: 7.836 min Scan# 1000

Delta R.T. 0.000 min

Lab File: VN086281.D

Acq: 15 Apr 2025 13:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion: 42 Resp: 313920

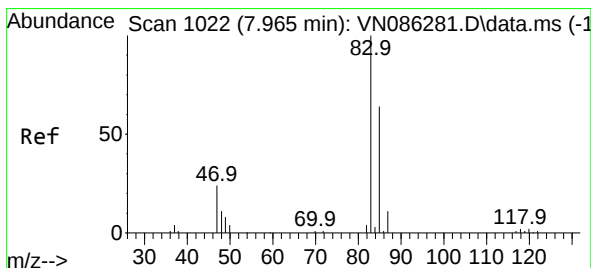
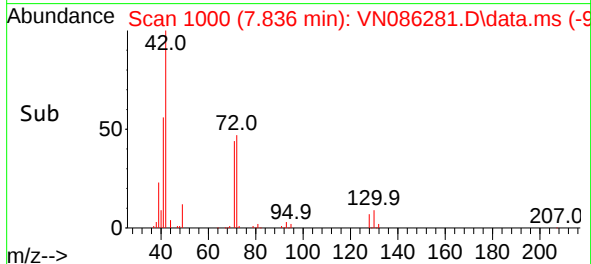
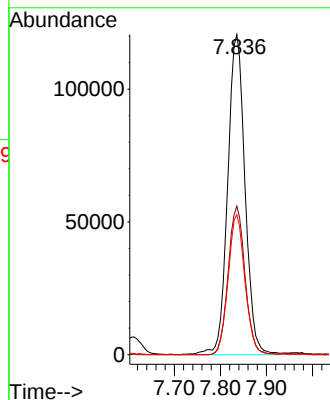
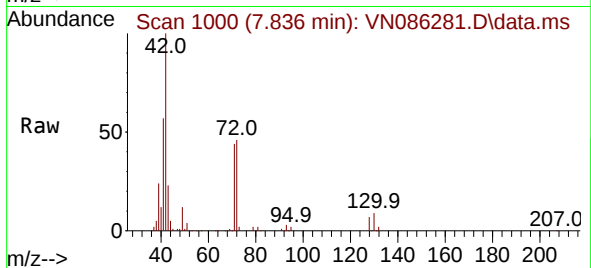
Ion	Ratio	Lower	Upper
42	100		
72	45.3	36.2	54.4
71	42.5	34.0	51.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/16/2025

Supervised By :Semsettin Yesilyurt 04/16/2025



#30

Chloroform

Concen: 46.823 ug/l

RT: 7.965 min Scan# 1022

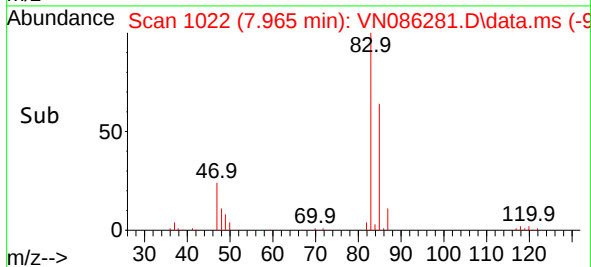
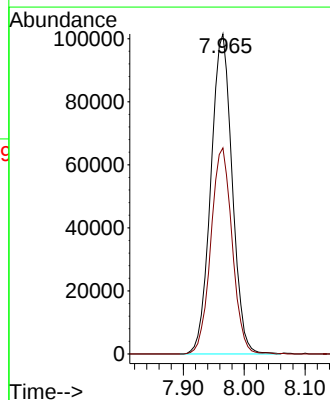
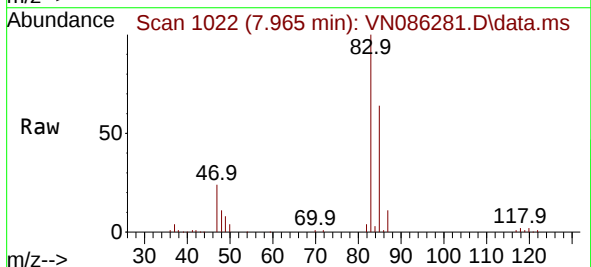
Delta R.T. 0.000 min

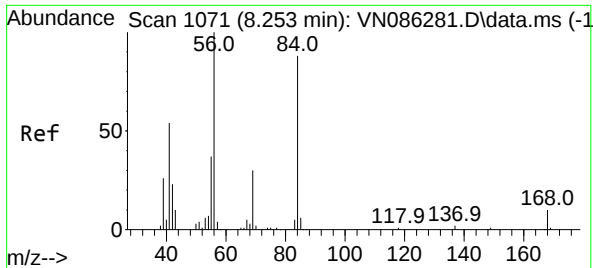
Lab File: VN086281.D

Acq: 15 Apr 2025 13:51

Tgt Ion: 83 Resp: 246843

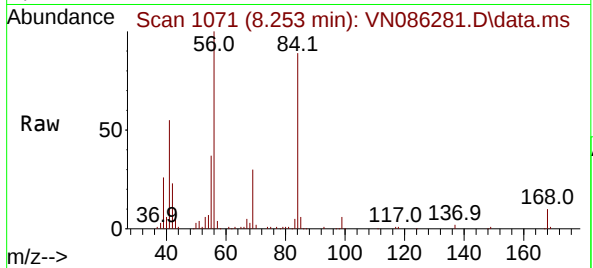
Ion	Ratio	Lower	Upper
83	100		
85	64.4	51.5	77.3





#31
Cyclohexane
Concen: 45.343 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. 0.000 min
Lab File: VN086281.D
Acq: 15 Apr 2025 13:51

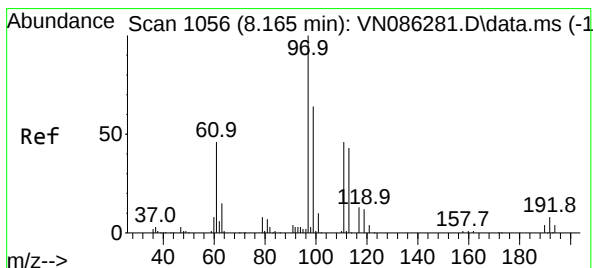
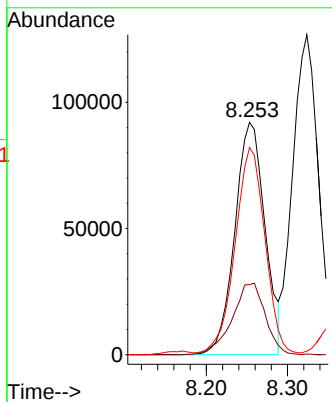
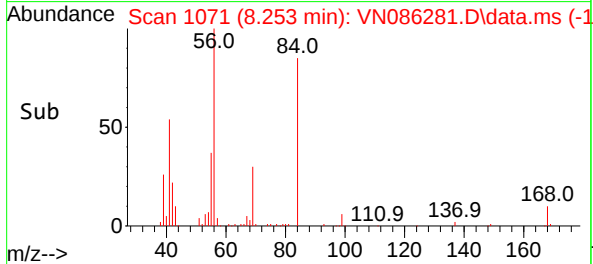
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



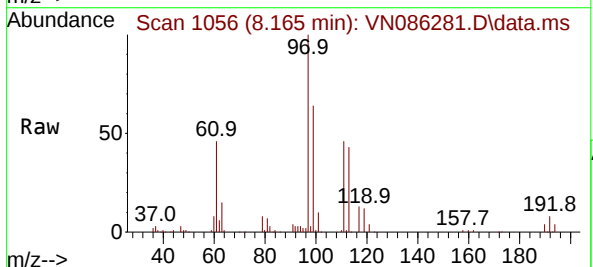
Tgt Ion: 56 Resp: 23811
Ion Ratio Lower Upper
56 100
69 30.2 24.2 36.2
84 87.9 70.3 105.5

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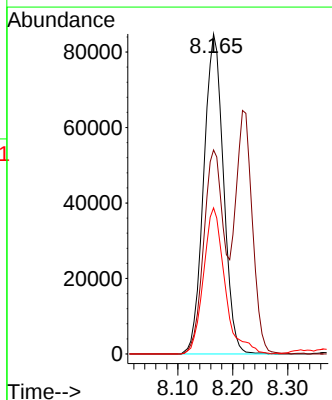
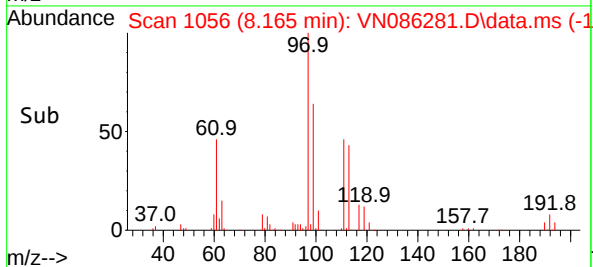
Reviewed By :John Carlone 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025



#32
1,1,1-Trichloroethane
Concen: 47.013 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN086281.D
Acq: 15 Apr 2025 13:51



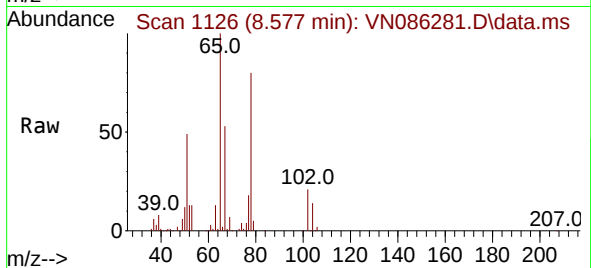
Tgt Ion: 97 Resp: 212021
Ion Ratio Lower Upper
97 100
99 65.9 52.7 79.1
61 49.4 39.5 59.3





#33
1,2-Dichloroethane-d4
Concen: 49.609 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN086281.D
Acq: 15 Apr 2025 13:51

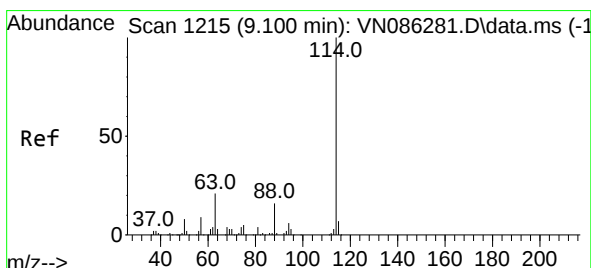
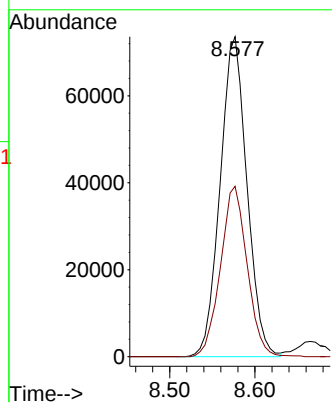
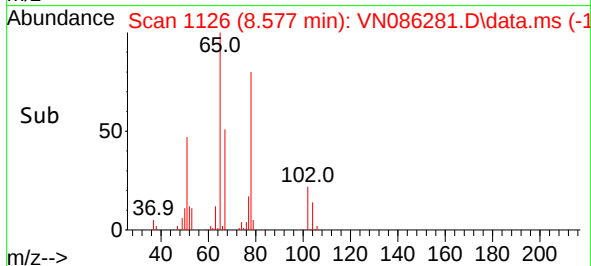
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



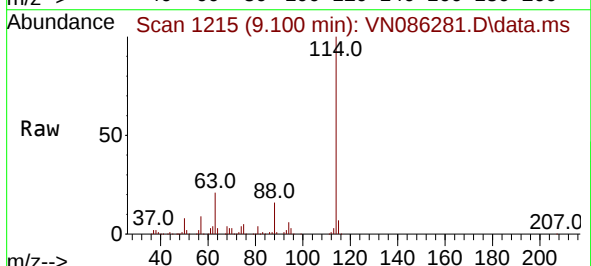
Tgt Ion: 65 Resp: 160758
Ion Ratio Lower Upper
65 100
67 53.0 0.0 106.0

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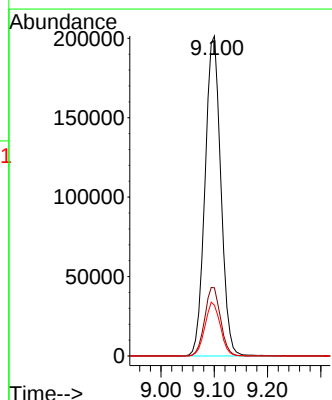
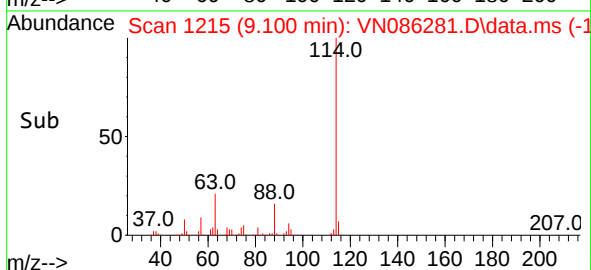
Reviewed By :John Carlone 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025

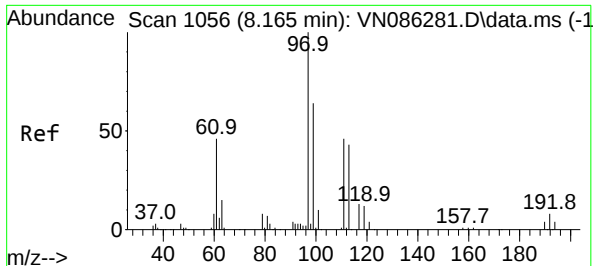


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. 0.000 min
Lab File: VN086281.D
Acq: 15 Apr 2025 13:51



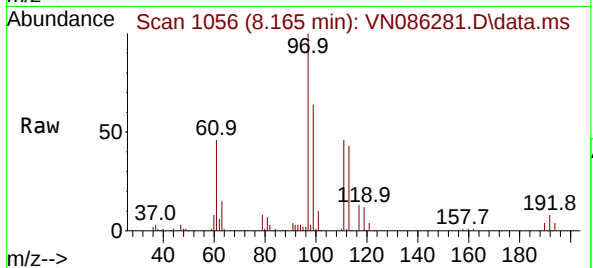
Tgt Ion:114 Resp: 413969
Ion Ratio Lower Upper
114 100
63 21.3 0.0 42.6
88 15.9 0.0 31.8





#35
Dibromofluoromethane
Concen: 46.238 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN086281.D
Acq: 15 Apr 2025 13:51

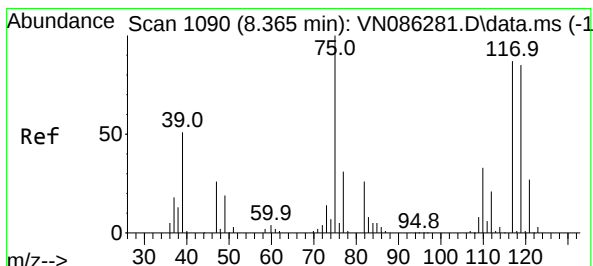
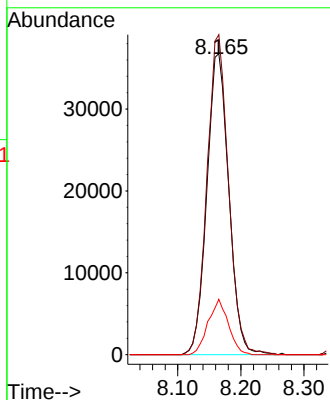
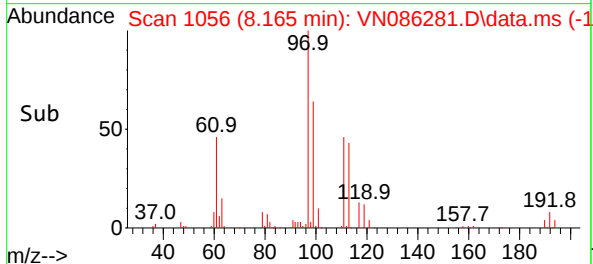
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



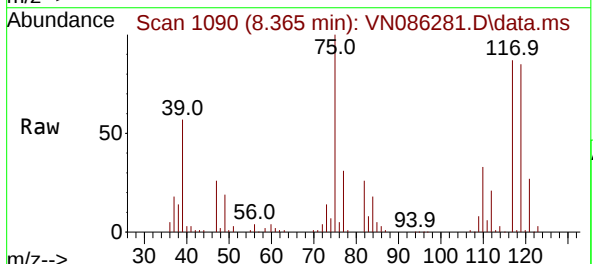
Tgt Ion: 113 Resp: 88830
Ion Ratio Lower Upper
113 100
111 104.2 83.4 125.0
192 17.1 13.7 20.5

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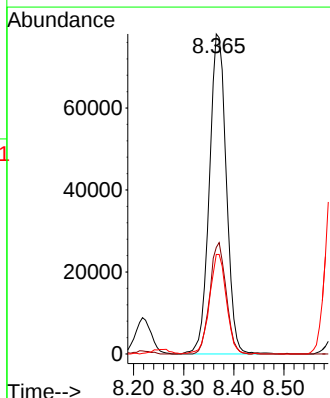
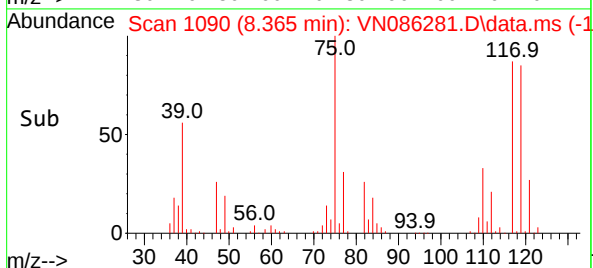
Reviewed By :John Carlone 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025

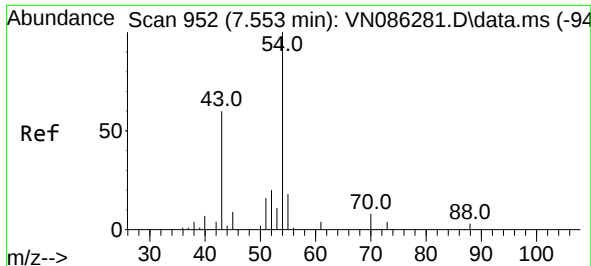


#36
1,1-Dichloropropene
Concen: 47.752 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VN086281.D
Acq: 15 Apr 2025 13:51



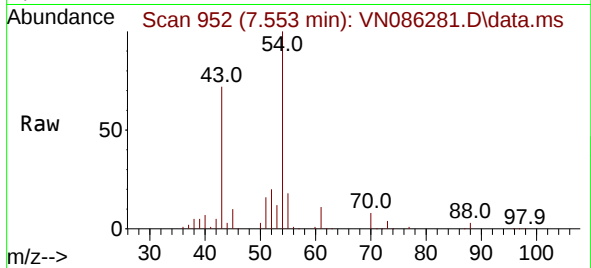
Tgt Ion: 75 Resp: 183246
Ion Ratio Lower Upper
75 100
110 33.6 16.8 50.4
77 31.1 24.9 37.3





#37
Ethyl Acetate
Concen: 45.750 ug/l
RT: 7.553 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN086281.D
Acq: 15 Apr 2025 13:51

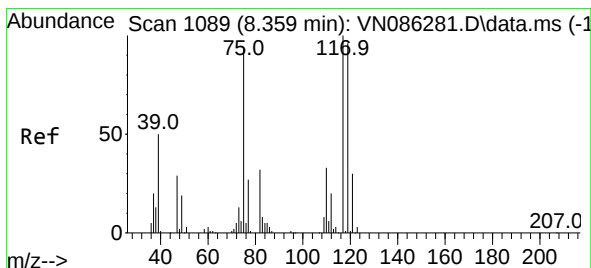
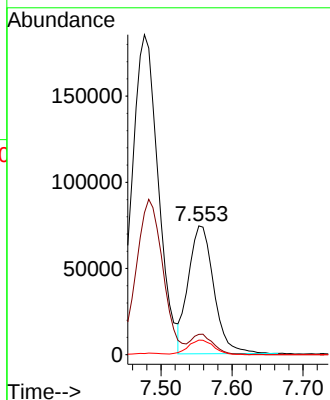
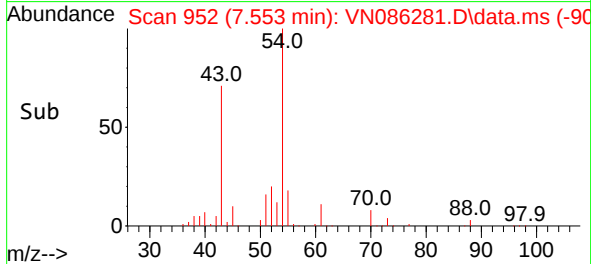
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 43 Resp: 184834
Ion Ratio Lower Upper
43 100
61 13.9 11.1 16.7
70 11.5 9.2 13.8

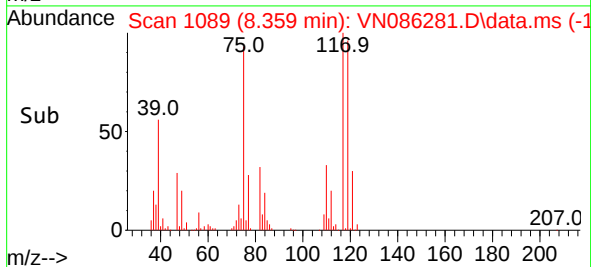
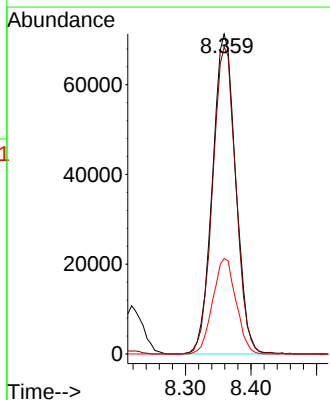
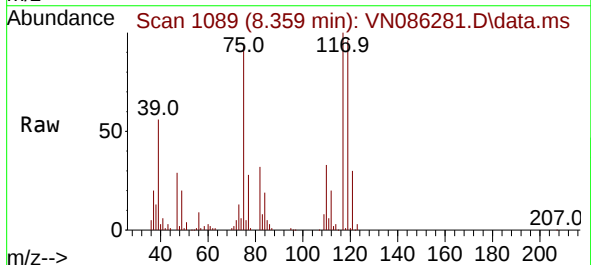
Manual Integrations
APPROVED

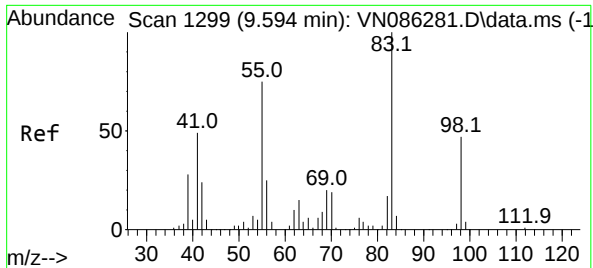
Reviewed By :John Carlone 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025



#38
Carbon Tetrachloride
Concen: 47.912 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VN086281.D
Acq: 15 Apr 2025 13:51

Tgt Ion:117 Resp: 175094
Ion Ratio Lower Upper
117 100
119 96.0 76.8 115.2
121 29.8 23.8 35.8





#39

Methylcyclohexane

Concen: 47.515 ug/l

RT: 9.594 min Scan# 1299

Delta R.T. 0.000 min

Lab File: VN086281.D

Acq: 15 Apr 2025 13:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

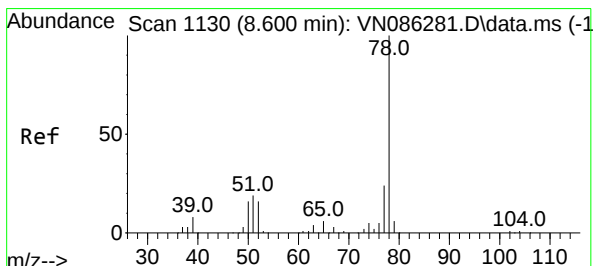
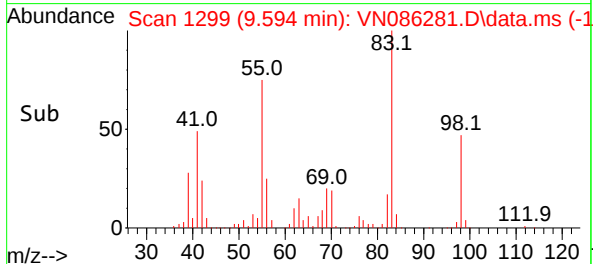
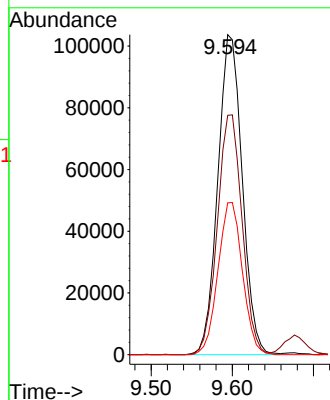
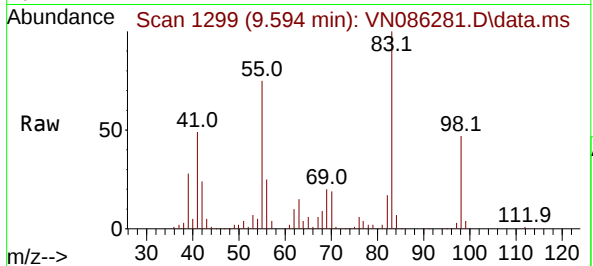
Tgt Ion: 83 Resp: 216729
 Ion Ratio Lower Upper
 83 100
 55 74.8 59.8 89.8
 98 47.4 37.9 56.9

Manual Integrations

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Reviewed By :John Carlone 04/16/2025

Supervised By :Semsettin Yesilyurt 04/16/2025



#40

Benzene

Concen: 47.443 ug/l

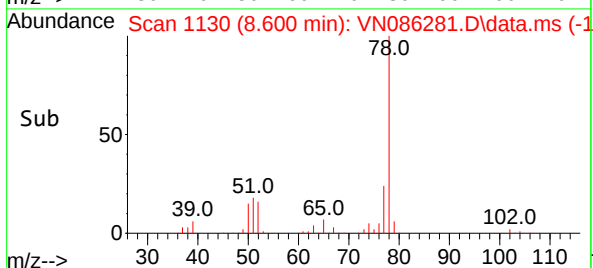
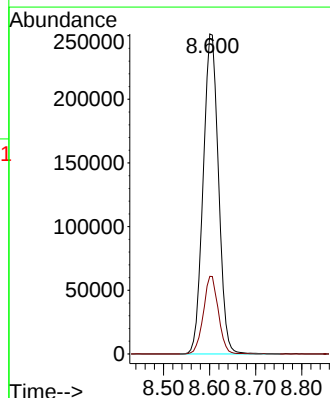
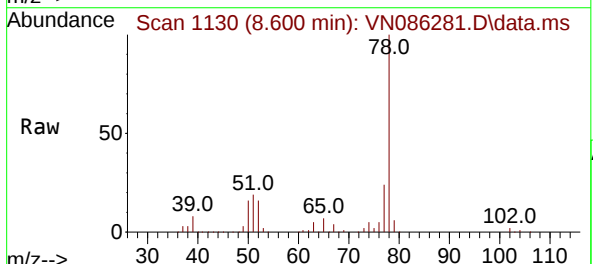
RT: 8.600 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VN086281.D

Acq: 15 Apr 2025 13:51

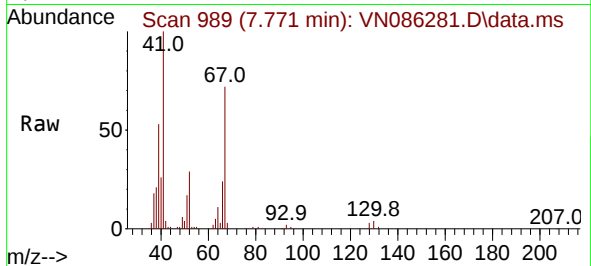
Tgt Ion: 78 Resp: 583316
 Ion Ratio Lower Upper
 78 100
 77 24.3 19.4 29.2





#41
Methacrylonitrile
Concen: 46.643 ug/l
RT: 7.771 min Scan# 989
Delta R.T. 0.000 min
Lab File: VN086281.D
Acq: 15 Apr 2025 13:51

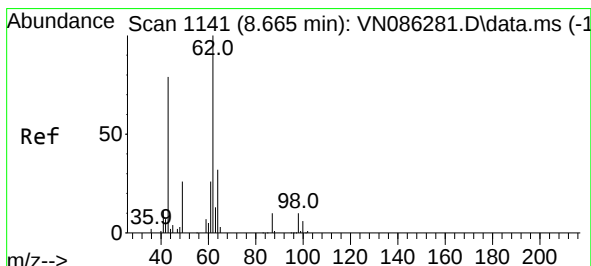
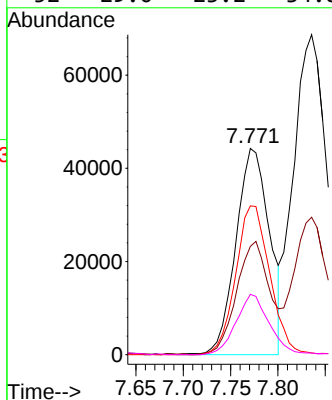
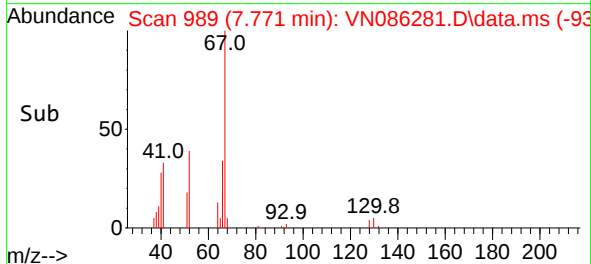
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



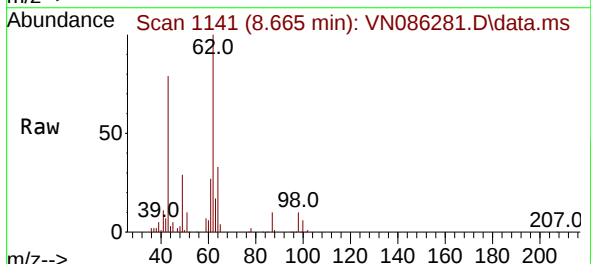
Tgt Ion: 41 Resp: 109214
Ion Ratio Lower Upper
41 100
39 53.7 43.0 64.4
67 73.5 58.8 88.2
52 29.0 23.2 34.8

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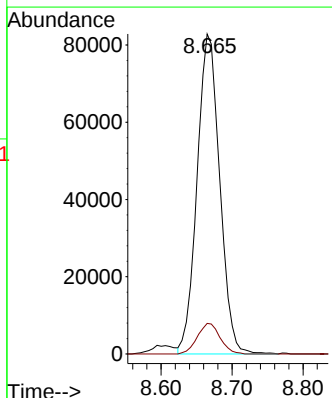
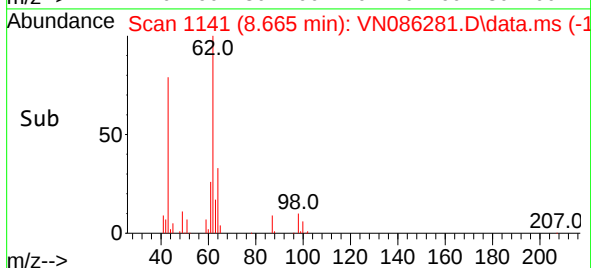
Reviewed By :John Carlone 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025



#42
1,2-Dichloroethane
Concen: 46.892 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. -0.000 min
Lab File: VN086281.D
Acq: 15 Apr 2025 13:51



Tgt Ion: 62 Resp: 183854
Ion Ratio Lower Upper
62 100
98 9.6 0.0 19.2





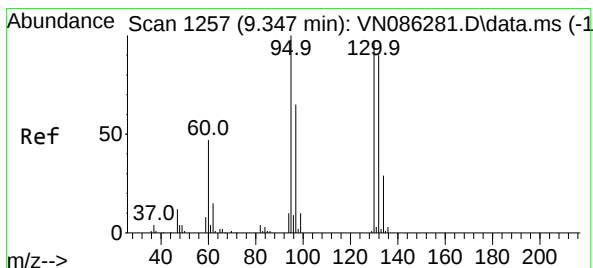
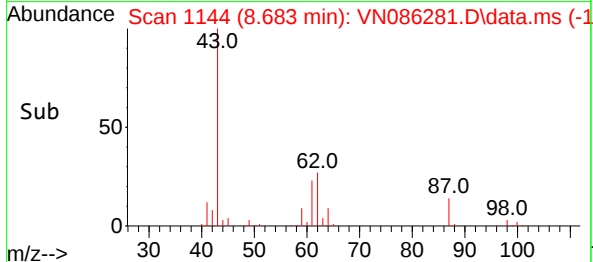
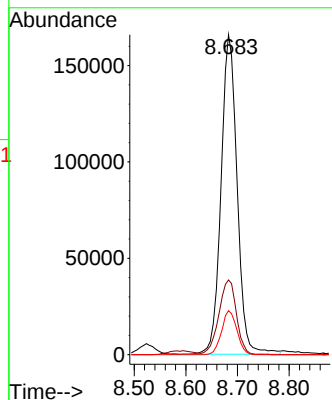
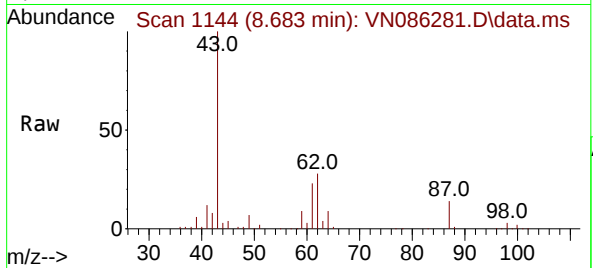
#43
Isopropyl Acetate
Concen: 49.550 ug/l
RT: 8.683 min Scan# 1144
Delta R.T. -0.000 min
Lab File: VN086281.D
Acq: 15 Apr 2025 13:51

Instrument : MSVOA_N
ClientSampleId : VSTDICCC050

Tgt Ion: 43 Resp: 35832
Ion Ratio Lower Upper
43 100
61 25.6 20.5 30.7
87 13.1 10.5 15.7

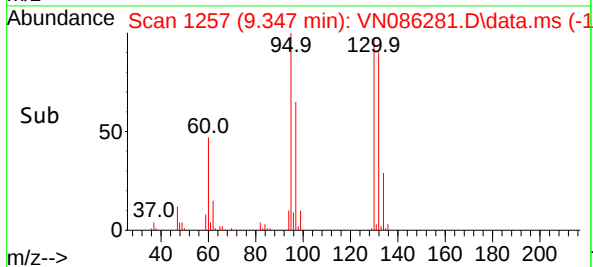
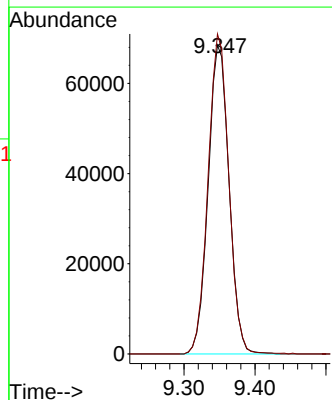
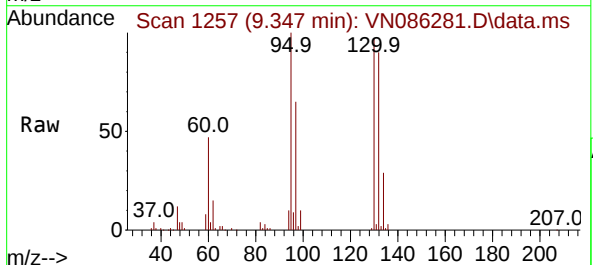
Manual Integrations
APPROVED

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



#44
Trichloroethene
Concen: 48.039 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. 0.000 min
Lab File: VN086281.D
Acq: 15 Apr 2025 13:51

Tgt Ion:130 Resp: 139993
Ion Ratio Lower Upper
130 100
95 103.6 0.0 207.2





#45

1,2-Dichloropropane

Concen: 48.011 ug/l

RT: 9.618 min Scan# 1303

Delta R.T. 0.000 min

Lab File: VN086281.D

Acq: 15 Apr 2025 13:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion: 63 Resp: 144490

Ion Ratio Lower Upper

63 100

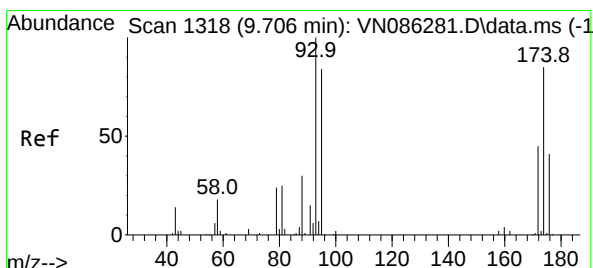
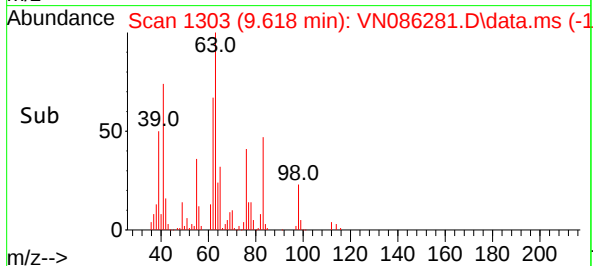
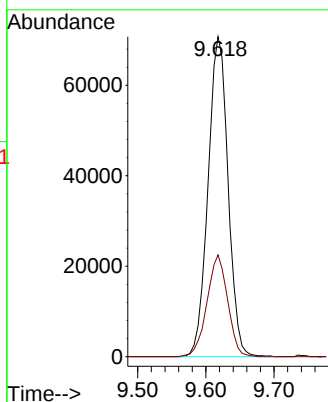
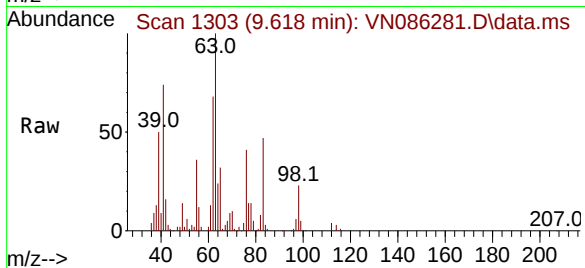
65 31.8 25.4 38.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/16/2025

Supervised By :Semsettin Yesilyurt 04/16/2025



#46

Dibromomethane

Concen: 49.002 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. -0.000 min

Lab File: VN086281.D

Acq: 15 Apr 2025 13:51

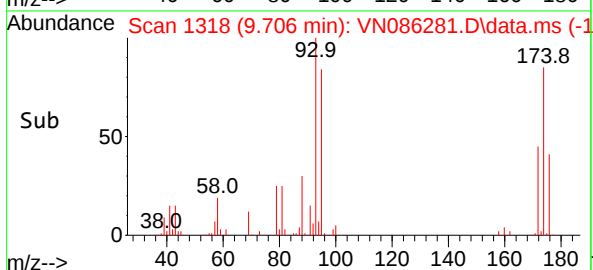
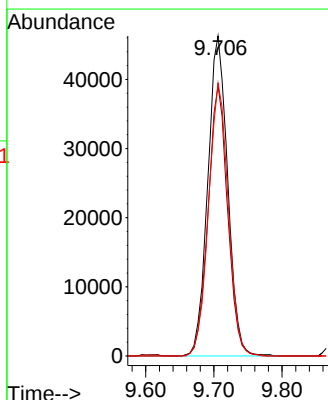
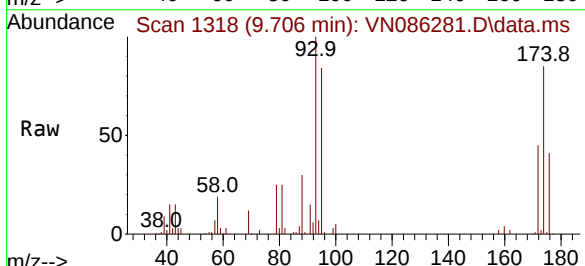
Tgt Ion: 93 Resp: 93965

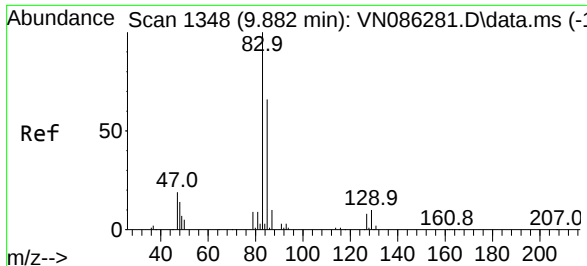
Ion Ratio Lower Upper

93 100

95 82.8 66.2 99.4

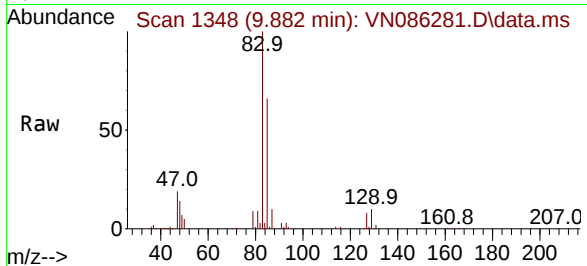
174 84.7 67.8 101.6





#47
Bromodichloromethane
Concen: 47.516 ug/l
RT: 9.882 min Scan# 1348
Delta R.T. 0.000 min
Lab File: VN086281.D
Acq: 15 Apr 2025 13:51

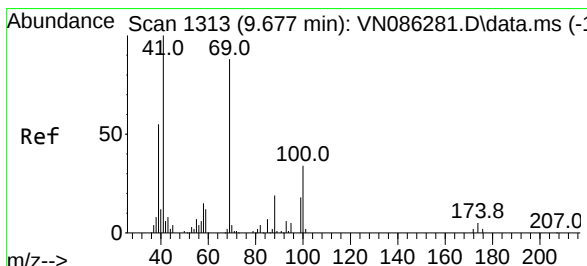
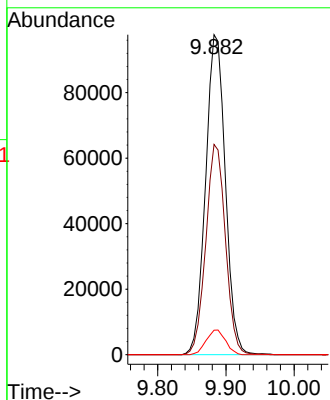
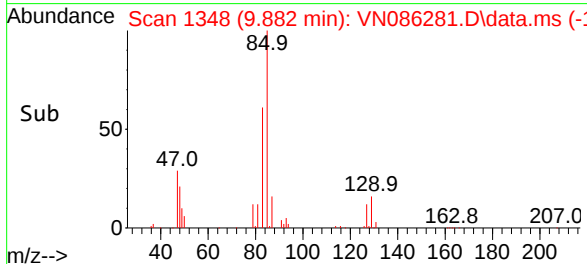
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



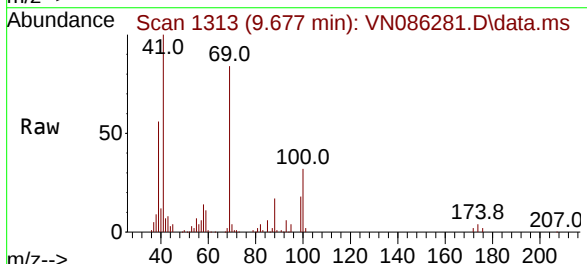
Tgt Ion: 83 Resp: 196793
Ion Ratio Lower Upper
83 100
85 65.7 52.6 78.8
127 7.6 6.1 9.1

Manual Integrations
APPROVED

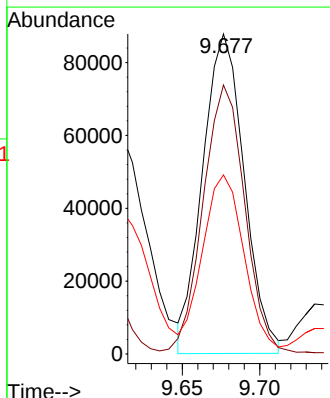
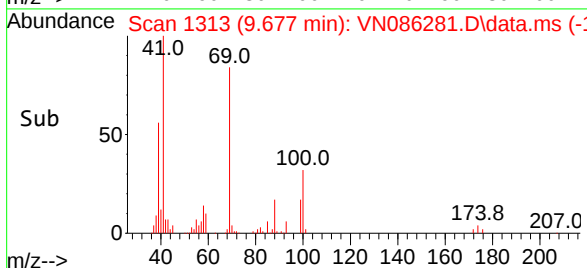
Reviewed By :John Carlone 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025

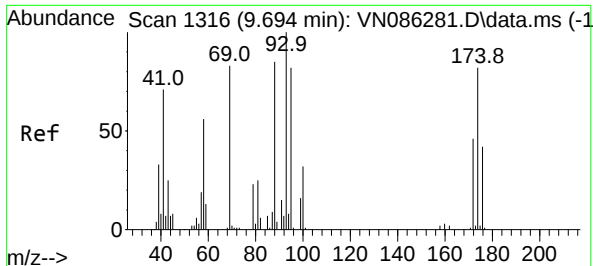


#48
Methyl methacrylate
Concen: 46.146 ug/l
RT: 9.677 min Scan# 1313
Delta R.T. 0.000 min
Lab File: VN086281.D
Acq: 15 Apr 2025 13:51



Tgt Ion: 41 Resp: 163719
Ion Ratio Lower Upper
41 100
69 85.2 68.2 102.2
39 56.5 45.2 67.8





#49

1,4-Dioxane

Concen: 892.337 ug/l

RT: 9.694 min Scan# 1316

Delta R.T. 0.000 min

Lab File: VN086281.D

Acq: 15 Apr 2025 13:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

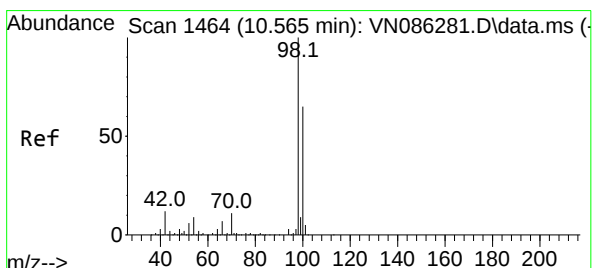
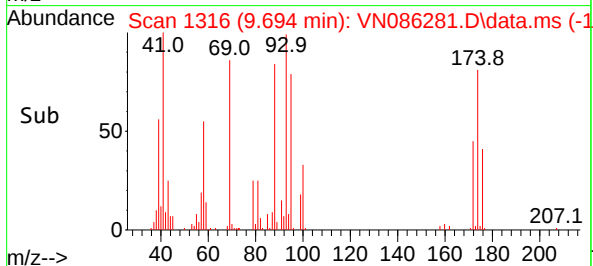
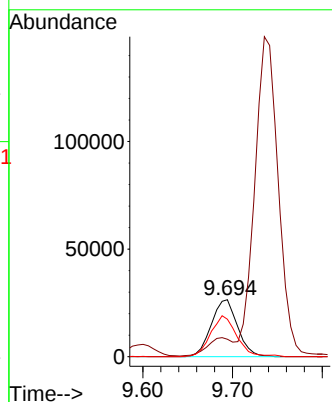
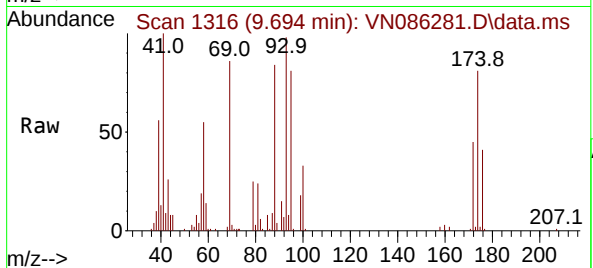
Tgt Ion:	88	Resp:	5385
Ion Ratio	Lower	Upper	
88	100		
43	29.8	23.8	35.8
58	71.8	57.4	86.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/16/2025

Supervised By :Semsettin Yesilyurt 04/16/2025



#50

Toluene-d8

Concen: 50.426 ug/l

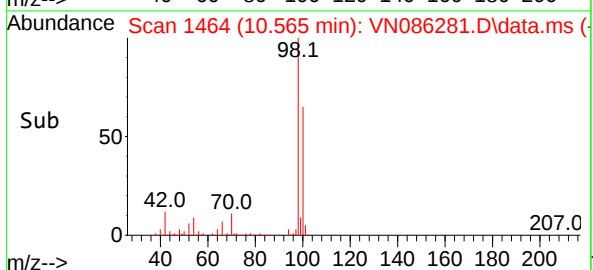
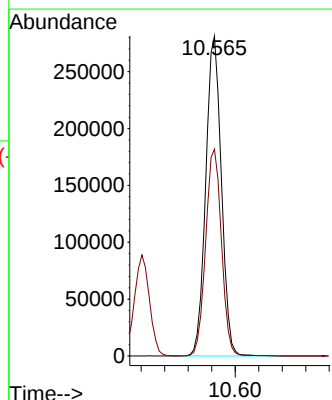
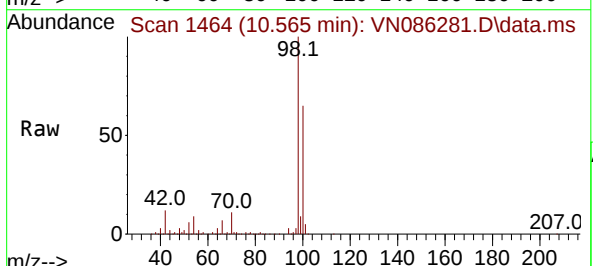
RT: 10.565 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VN086281.D

Acq: 15 Apr 2025 13:51

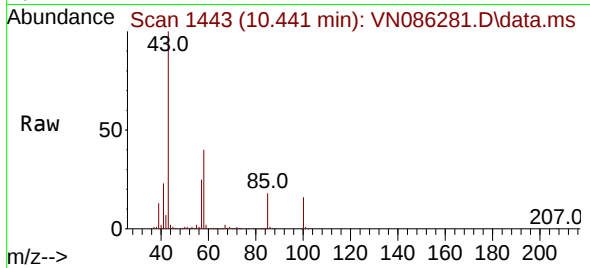
Tgt Ion:	98	Resp:	517785
Ion Ratio	Lower	Upper	
98	100		
100	65.6	52.5	78.7





#51
4-Methyl-2-Pentanone
Concen: 241.959 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN086281.D
Acq: 15 Apr 2025 13:51

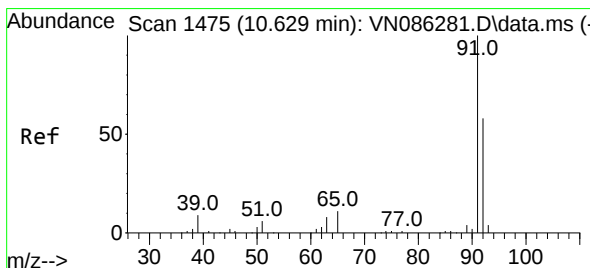
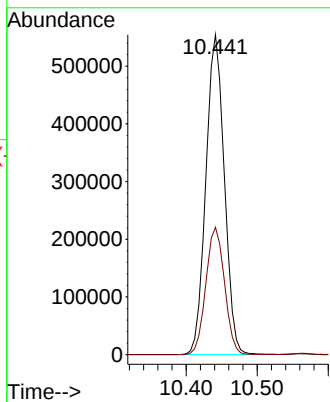
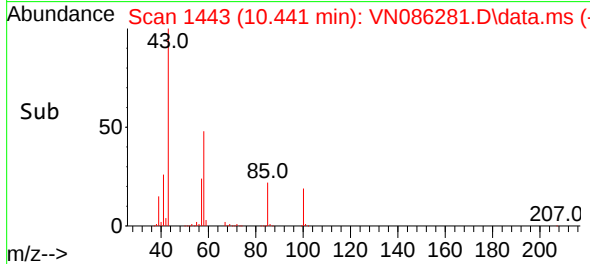
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 43 Resp: 1000994
Ion Ratio Lower Upper
43 100
58 40.3 32.2 48.4

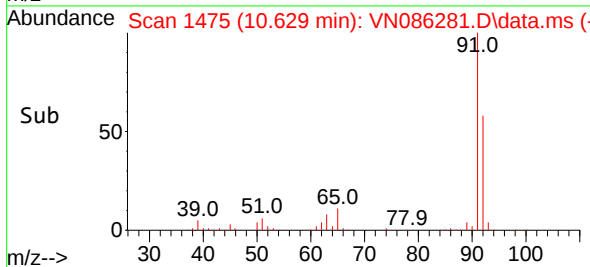
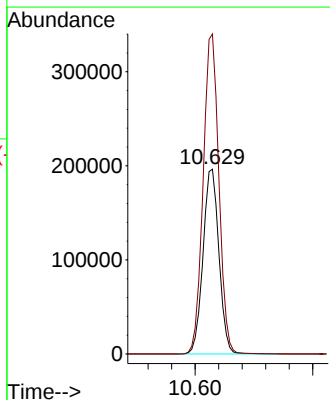
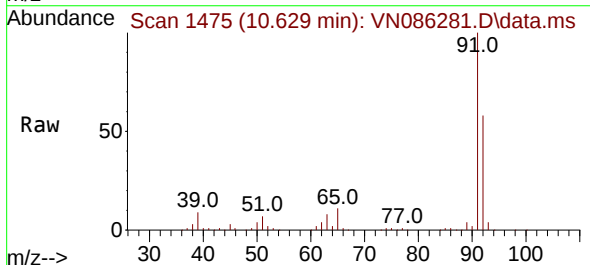
Manual Integrations
APPROVED

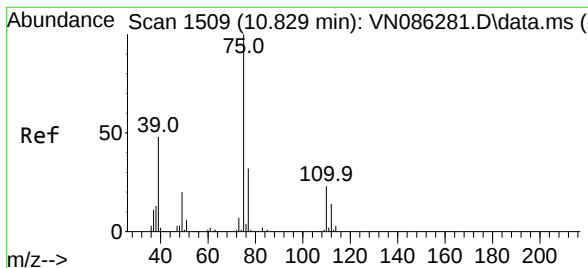
Reviewed By :John Carlone 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025



#52
Toluene
Concen: 48.144 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN086281.D
Acq: 15 Apr 2025 13:51

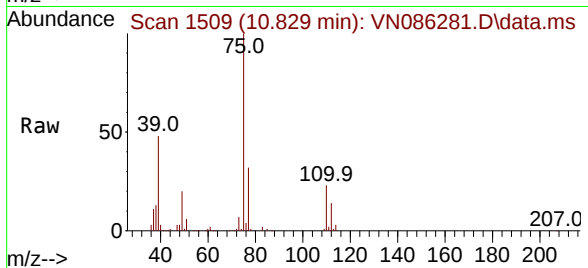
Tgt Ion: 92 Resp: 369349
Ion Ratio Lower Upper
92 100
91 171.6 137.3 205.9





#53
t-1,3-Dichloropropene
Concen: 48.996 ug/l
RT: 10.829 min Scan# 1509
Delta R.T. 0.000 min
Lab File: VN086281.D
Acq: 15 Apr 2025 13:51

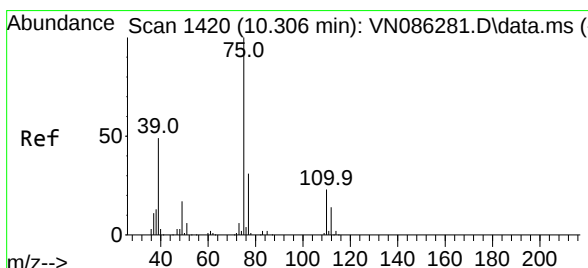
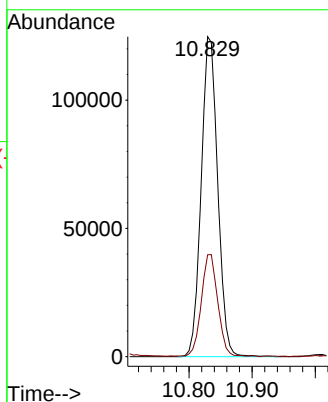
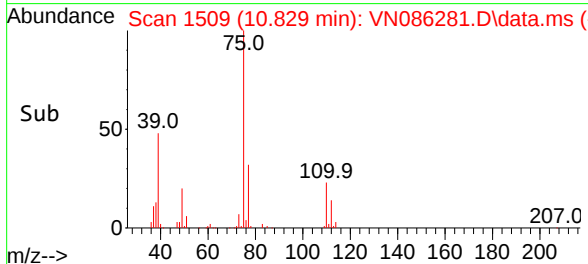
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 75 Resp: 226518
Ion Ratio Lower Upper
75 100
77 31.7 25.4 38.0

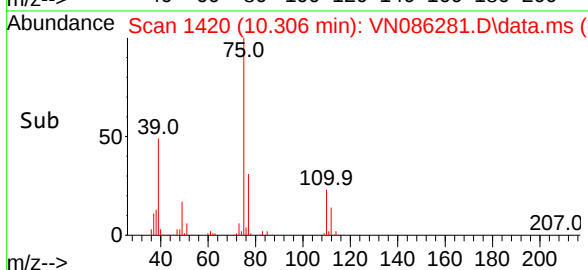
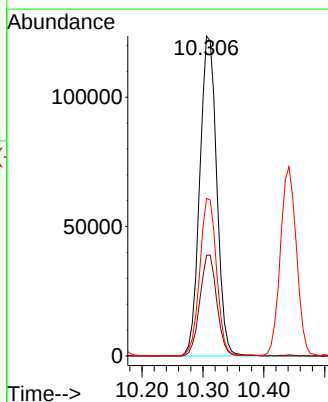
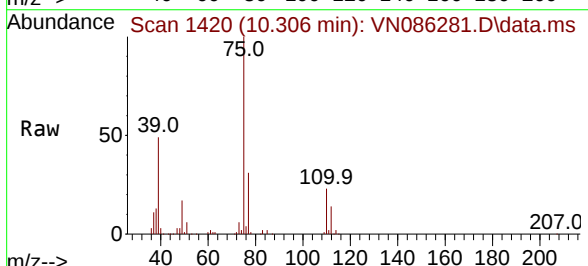
Manual Integrations
APPROVED

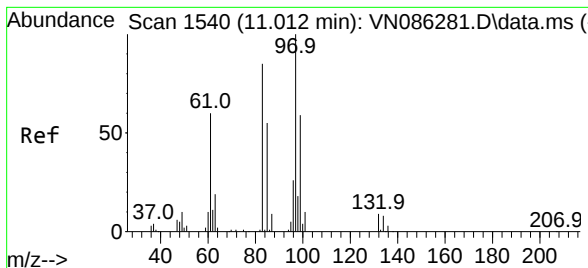
Reviewed By :John Carlone 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025



#54
cis-1,3-Dichloropropene
Concen: 47.021 ug/l
RT: 10.306 min Scan# 1420
Delta R.T. -0.000 min
Lab File: VN086281.D
Acq: 15 Apr 2025 13:51

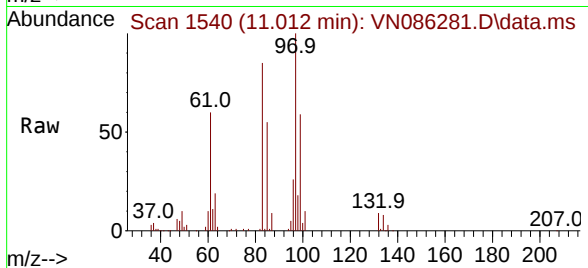
Tgt Ion: 75 Resp: 238764
Ion Ratio Lower Upper
75 100
77 31.5 25.2 37.8
39 49.1 39.3 58.9





#55
1,1,2-Trichloroethane
Concen: 47.721 ug/l
RT: 11.012 min Scan# 1540
Delta R.T. 0.000 min
Lab File: VN086281.D
Acq: 15 Apr 2025 13:51

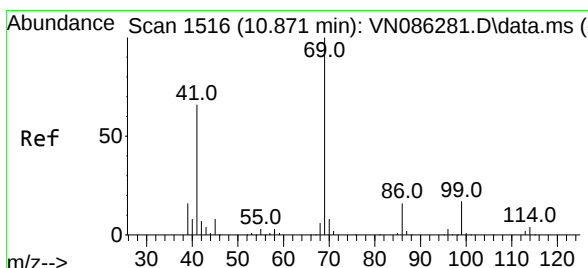
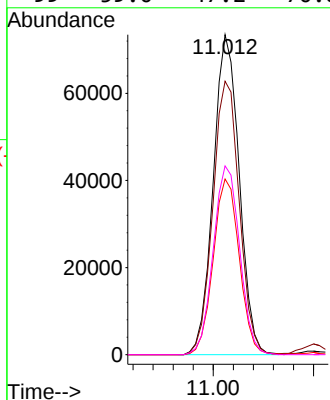
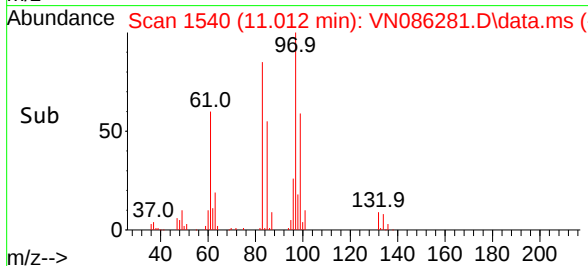
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



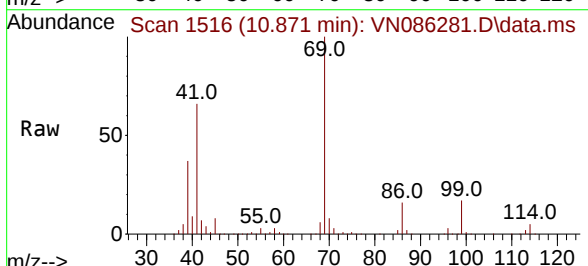
Tgt Ion: 97 Resp: 13172
Ion Ratio Lower Upper
97 100
83 85.5 68.4 102.6
85 54.9 43.9 65.9
99 59.0 47.2 70.8

Manual Integrations
APPROVED

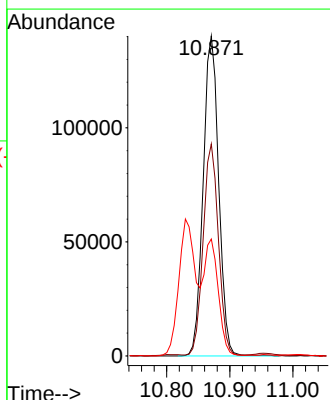
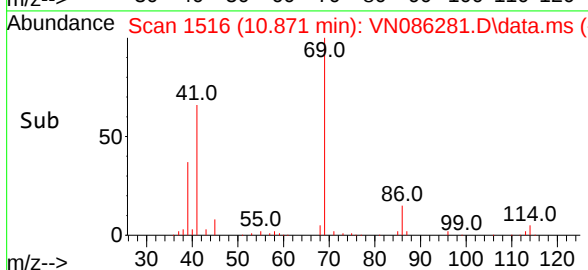
Reviewed By :John Carlone 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025

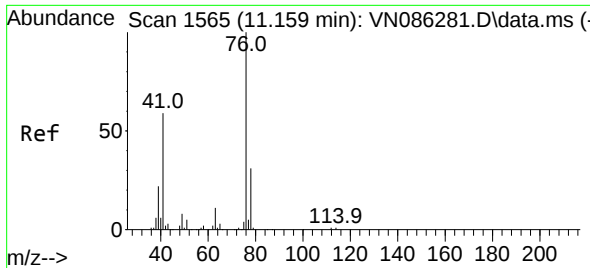


#56
Ethyl methacrylate
Concen: 47.235 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VN086281.D
Acq: 15 Apr 2025 13:51



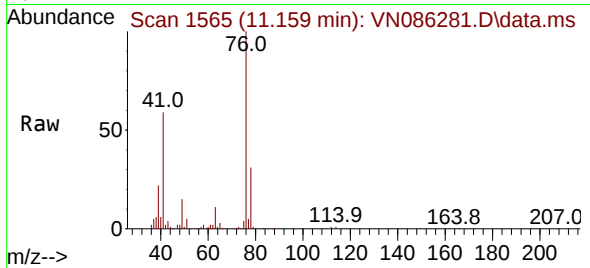
Tgt Ion: 69 Resp: 239654
Ion Ratio Lower Upper
69 100
41 64.6 51.7 77.5
39 32.9 26.3 39.5





#57
1,3-Dichloropropane
Concen: 47.689 ug/l
RT: 11.159 min Scan# 1565
Delta R.T. 0.000 min
Lab File: VN086281.D
Acq: 15 Apr 2025 13:51

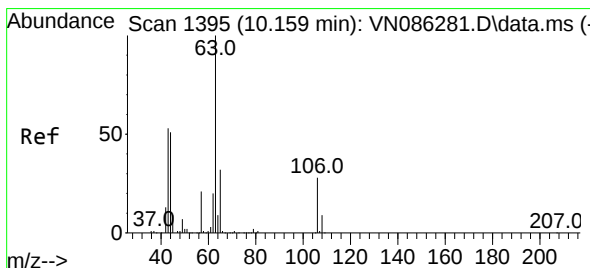
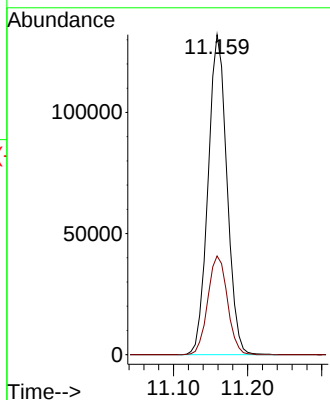
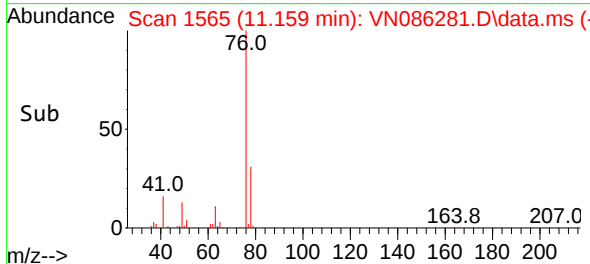
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 76 Resp: 233548
Ion Ratio Lower Upper
76 100
78 32.0 25.6 38.4

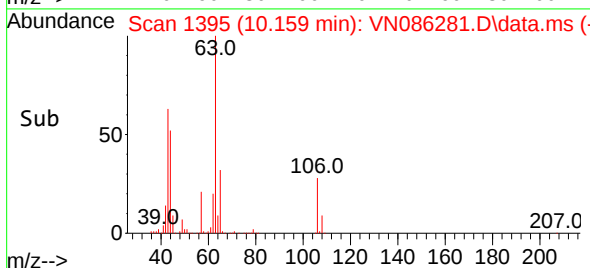
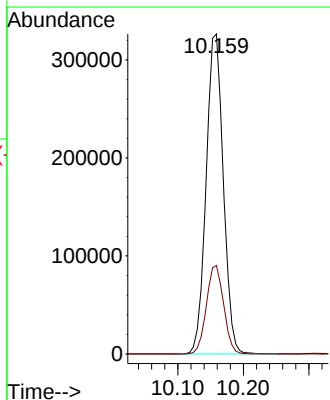
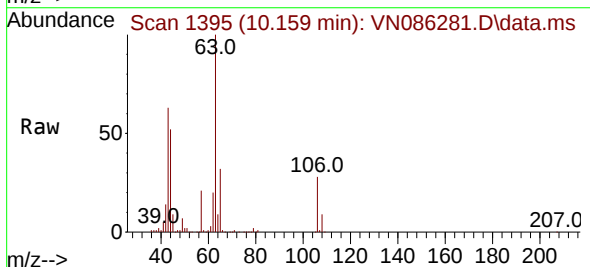
Manual Integrations
APPROVED

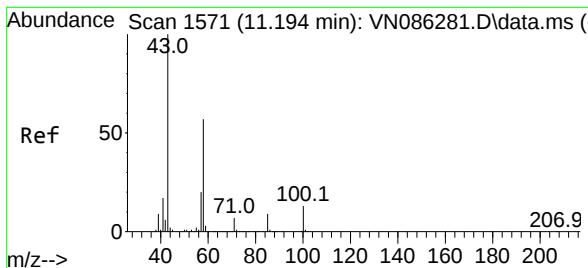
Reviewed By :John Carlone 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025



#58
2-Chloroethyl Vinyl ether
Concen: 246.859 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. 0.000 min
Lab File: VN086281.D
Acq: 15 Apr 2025 13:51

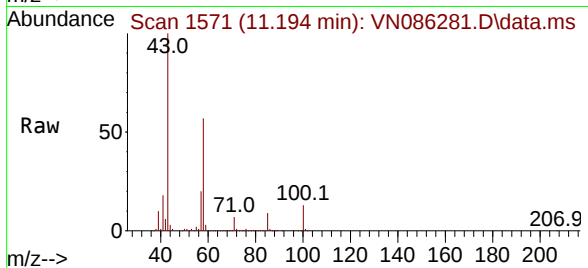
Tgt Ion: 63 Resp: 594475
Ion Ratio Lower Upper
63 100
106 27.7 22.2 33.2





#59
2-Hexanone
Concen: 239.414 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VN086281.D
Acq: 15 Apr 2025 13:51

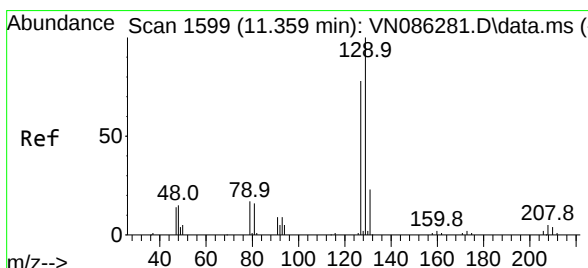
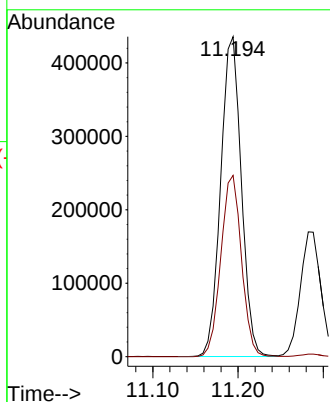
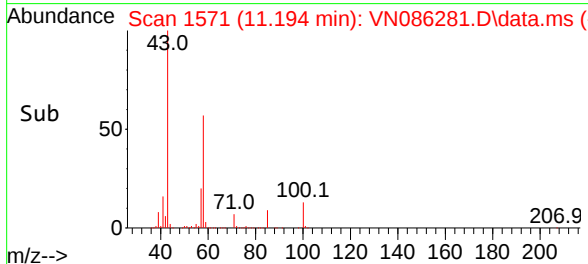
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 43 Resp: 734660
Ion Ratio Lower Upper
43 100
58 56.7 28.3 85.0

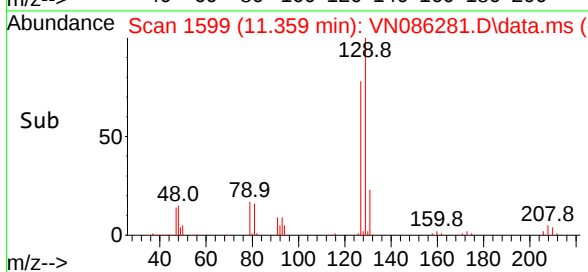
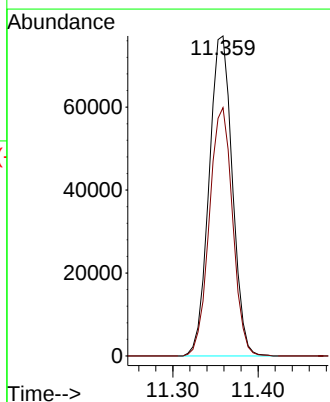
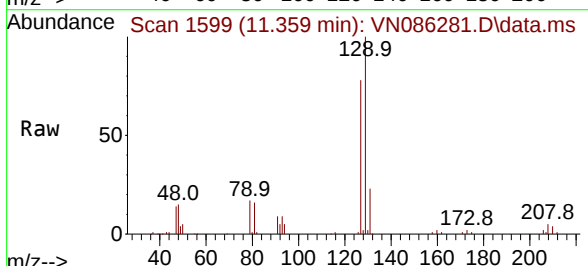
Manual Integrations
APPROVED

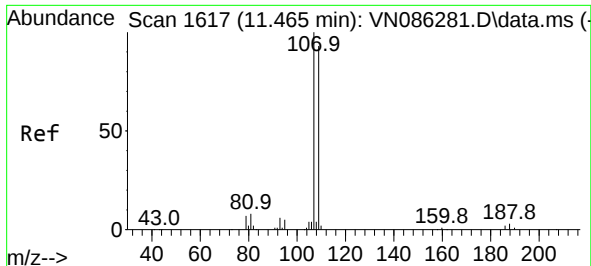
Reviewed By :John Carlone 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025



#60
Dibromochloromethane
Concen: 48.274 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VN086281.D
Acq: 15 Apr 2025 13:51

Tgt Ion:129 Resp: 146318
Ion Ratio Lower Upper
129 100
127 77.4 38.7 116.1





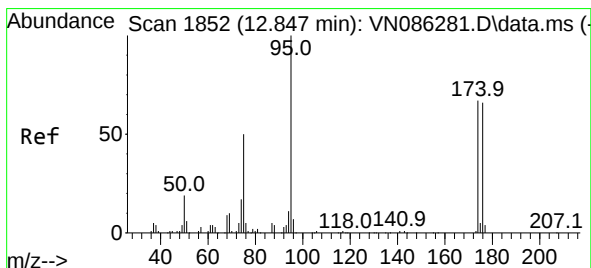
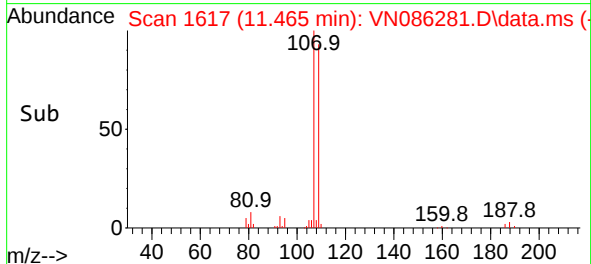
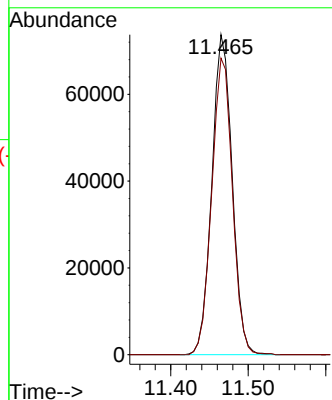
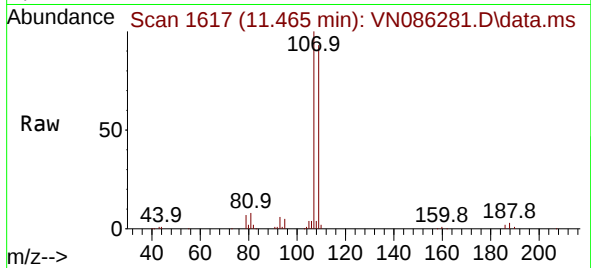
#61
1,2-Dibromoethane
Concen: 48.213 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. 0.000 min
Lab File: VN086281.D
Acq: 15 Apr 2025 13:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion:107 Resp: 13428
Ion Ratio Lower Upper
107 100
109 94.2 75.4 113.0

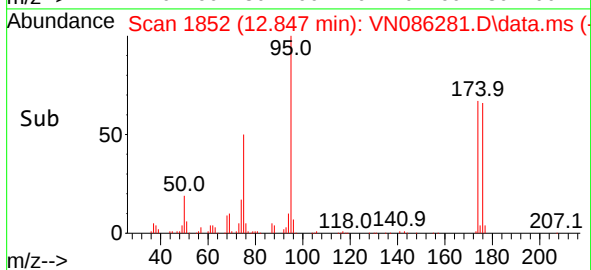
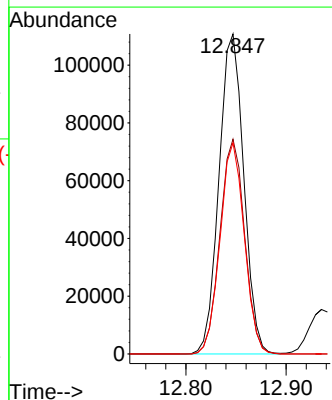
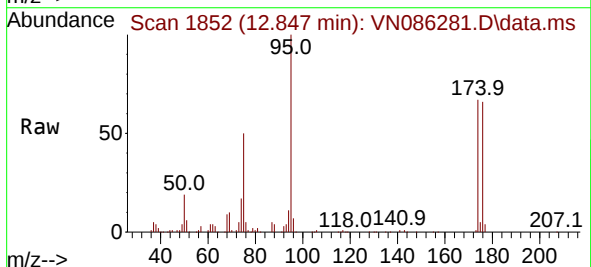
Manual Integrations
APPROVED

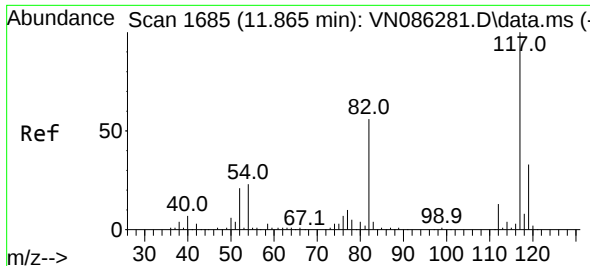
Reviewed By :John Carlone 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025



#62
4-Bromofluorobenzene
Concen: 50.744 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN086281.D
Acq: 15 Apr 2025 13:51

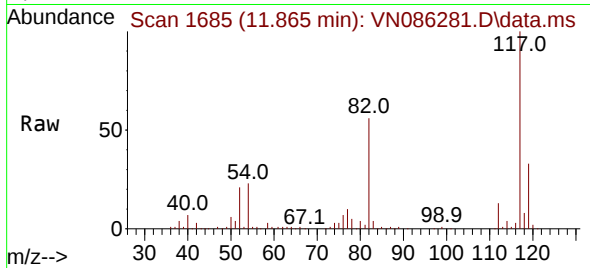
Tgt Ion: 95 Resp: 190049
Ion Ratio Lower Upper
95 100
174 66.7 0.0 133.4
176 64.6 0.0 129.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN086281.D
Acq: 15 Apr 2025 13:51

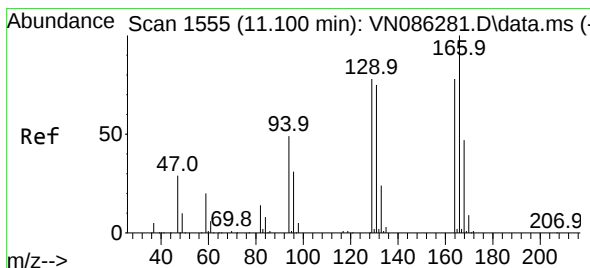
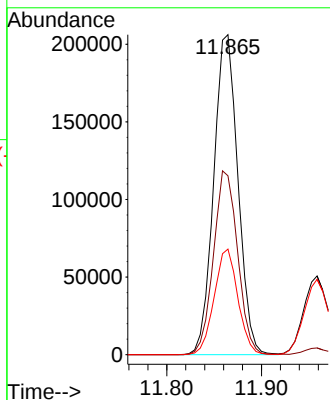
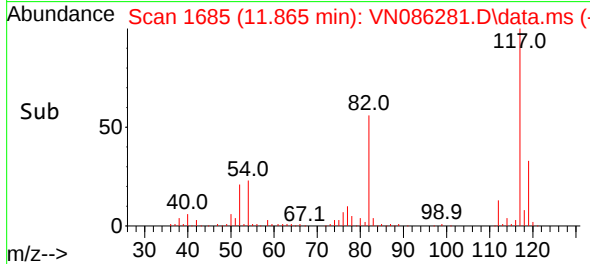
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion:117 Resp: 367304
Ion Ratio Lower Upper
117 100
82 55.9 44.7 67.1
119 33.0 26.4 39.6

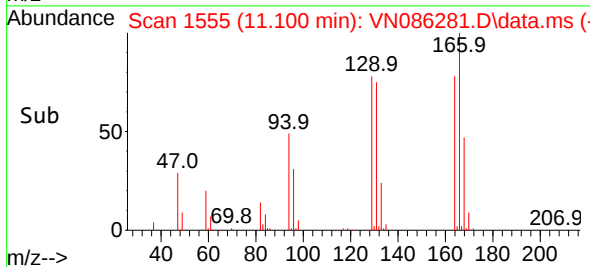
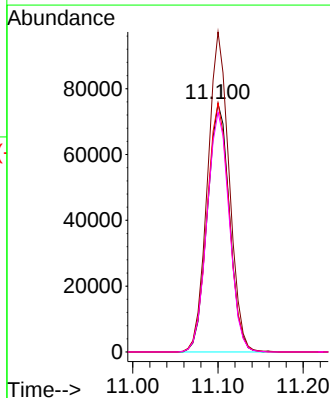
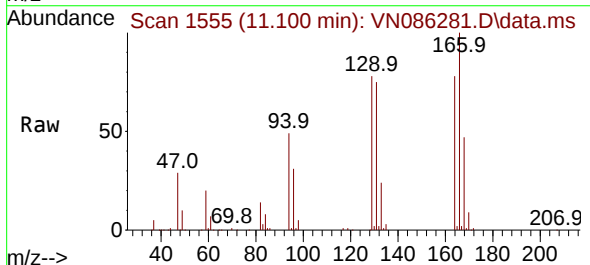
Manual Integrations
APPROVED

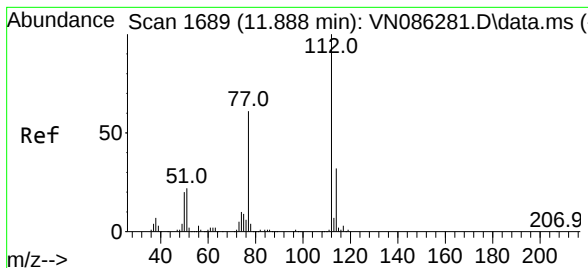
Reviewed By :John Carlone 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025



#64
Tetrachloroethene
Concen: 48.177 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VN086281.D
Acq: 15 Apr 2025 13:51

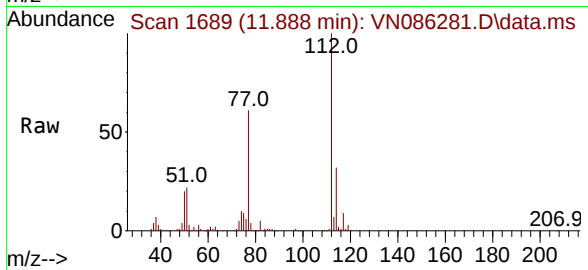
Tgt Ion:164 Resp: 136116
Ion Ratio Lower Upper
164 100
166 128.7 103.0 154.4
129 100.1 80.1 120.1
131 96.5 77.2 115.8





#65
Chlorobenzene
Concen: 47.072 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. 0.000 min
Lab File: VN086281.D
Acq: 15 Apr 2025 13:51

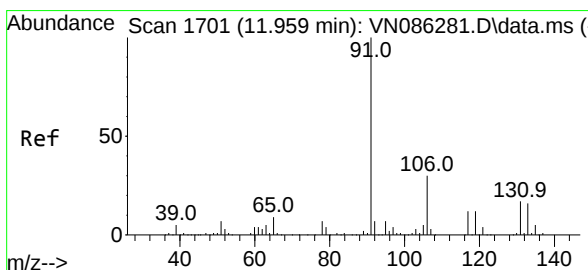
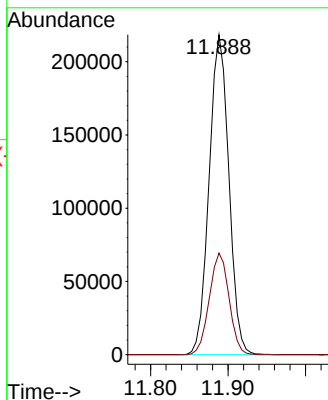
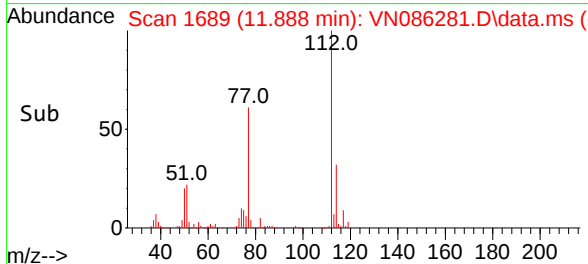
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



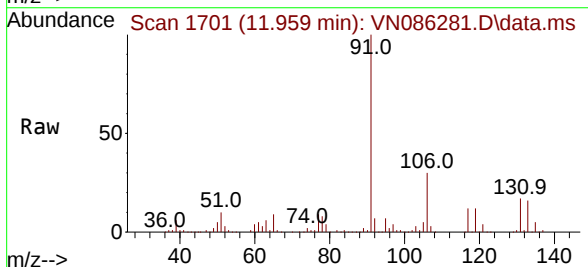
Tgt Ion:112 Resp: 385849
Ion Ratio Lower Upper
112 100
114 31.7 25.4 38.0

Manual Integrations
APPROVED

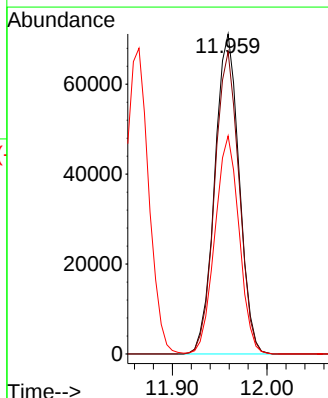
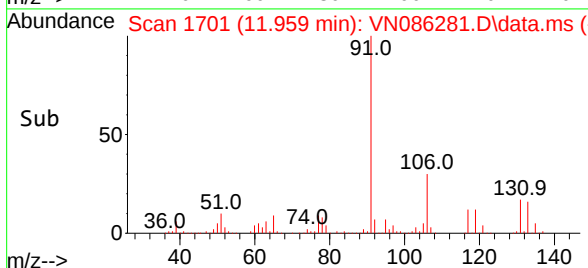
Reviewed By :John Carlone 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025

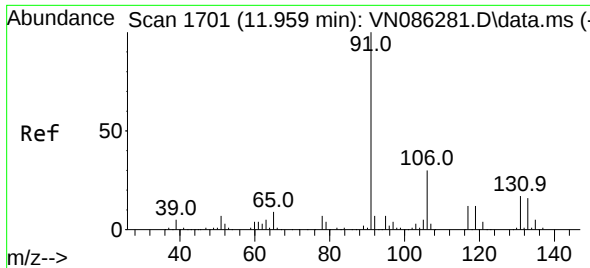


#66
1,1,1,2-Tetrachloroethane
Concen: 47.197 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN086281.D
Acq: 15 Apr 2025 13:51



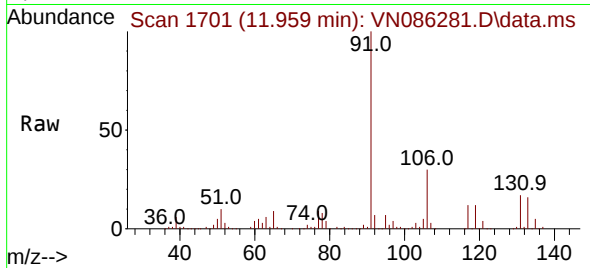
Tgt Ion:131 Resp: 127627
Ion Ratio Lower Upper
131 100
133 94.2 47.1 141.3
119 67.6 33.8 101.4





#67
Ethyl Benzene
Concen: 47.627 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN086281.D
Acq: 15 Apr 2025 13:51

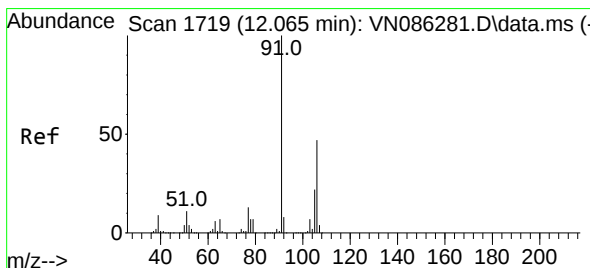
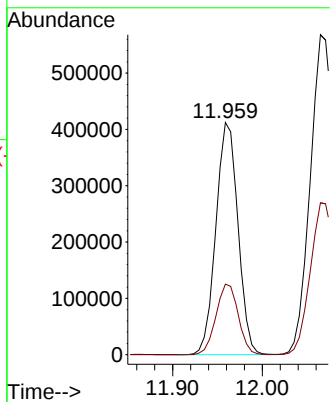
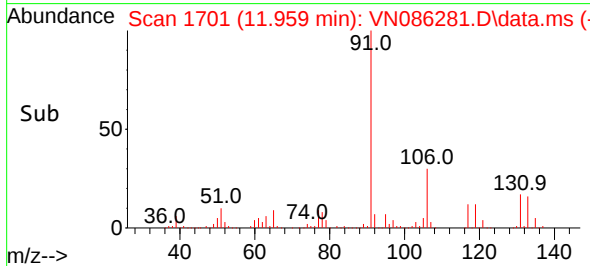
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 91 Resp: 704474
Ion Ratio Lower Upper
91 100
106 30.4 24.3 36.5

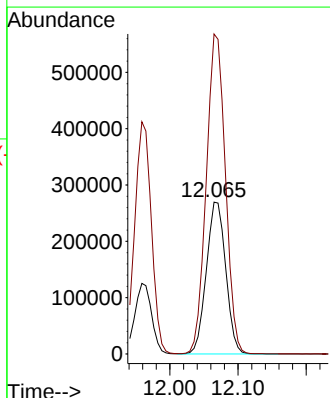
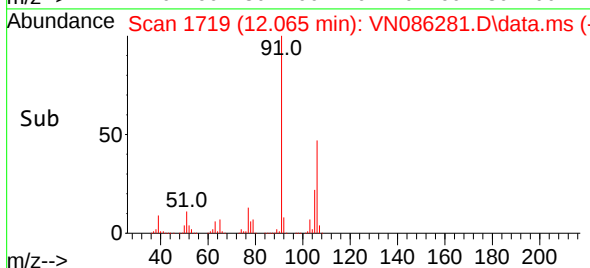
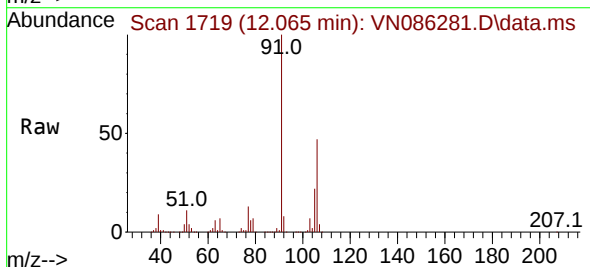
Manual Integrations
APPROVED

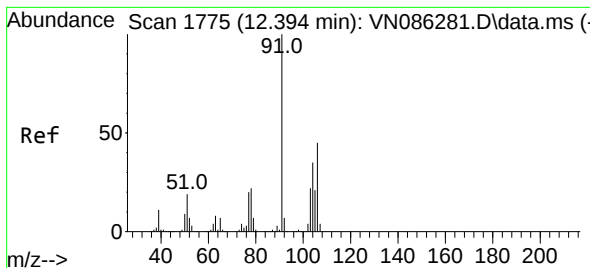
Reviewed By :John Carlone 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025



#68
m/p-Xylenes
Concen: 96.302 ug/l
RT: 12.065 min Scan# 1719
Delta R.T. 0.000 min
Lab File: VN086281.D
Acq: 15 Apr 2025 13:51

Tgt Ion:106 Resp: 533742
Ion Ratio Lower Upper
106 100
91 208.1 166.5 249.7





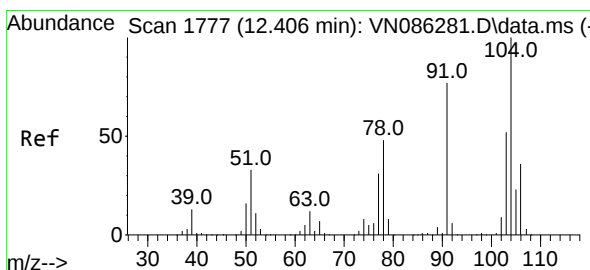
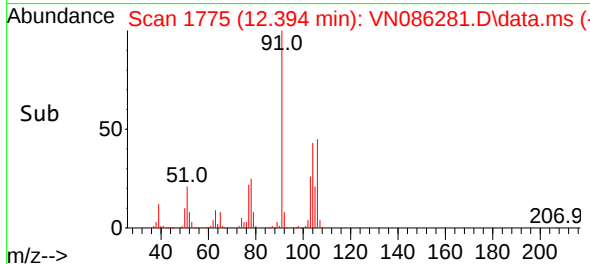
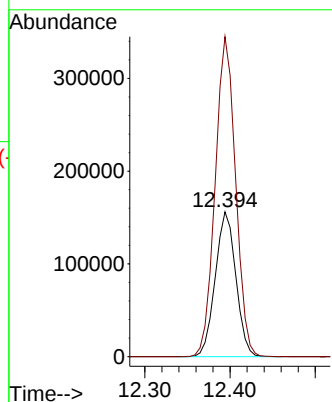
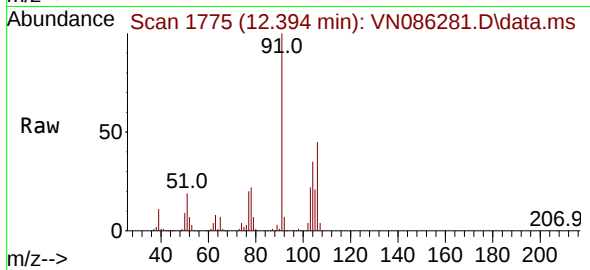
#69
o-Xylene
Concen: 47.783 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN086281.D
Acq: 15 Apr 2025 13:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion:106 Resp: 261904
Ion Ratio Lower Upper
106 100
91 219.3 109.7 329.0

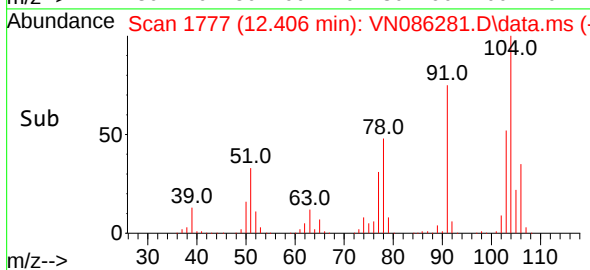
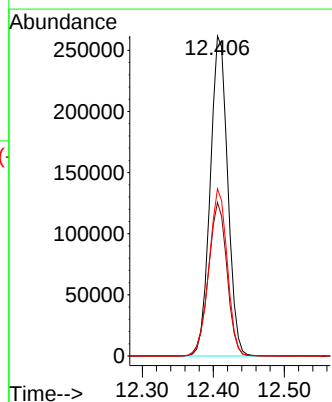
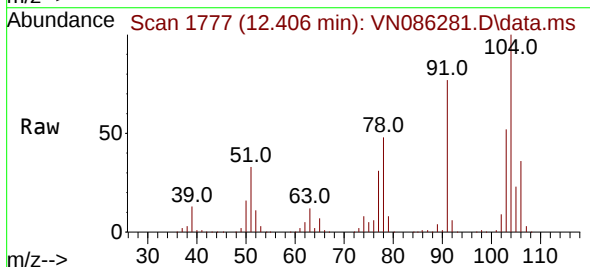
Manual Integrations
APPROVED

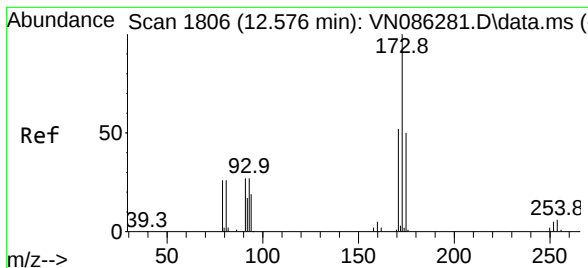
Reviewed By :John Carlone 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025



#70
Styrene
Concen: 48.998 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. 0.000 min
Lab File: VN086281.D
Acq: 15 Apr 2025 13:51

Tgt Ion:104 Resp: 447486
Ion Ratio Lower Upper
104 100
78 50.8 40.6 61.0
103 54.5 43.6 65.4





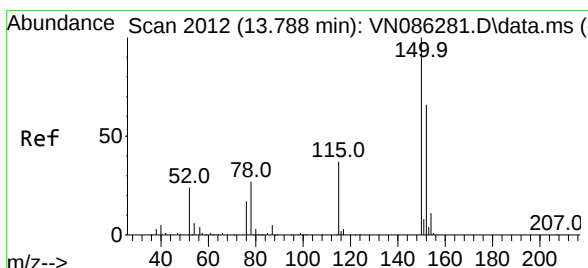
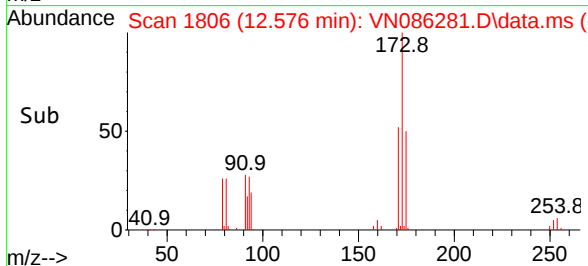
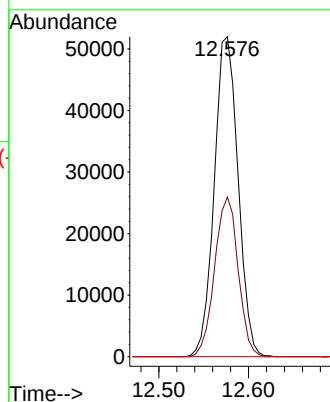
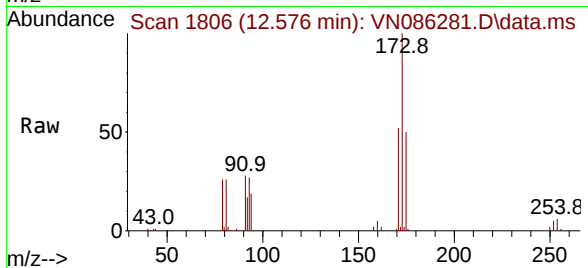
#71
Bromoform
Concen: 47.065 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VN086281.D
Acq: 15 Apr 2025 13:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion:173 Resp: 9582
Ion Ratio Lower Upper
173 100
175 49.1 24.6 73.6
254 0.0 0.0 0.0

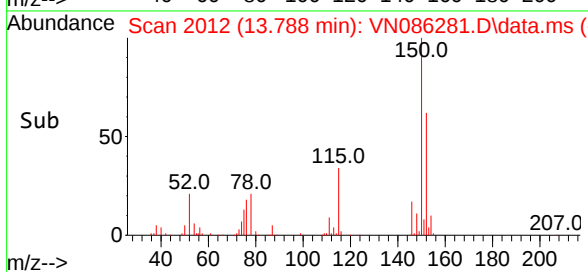
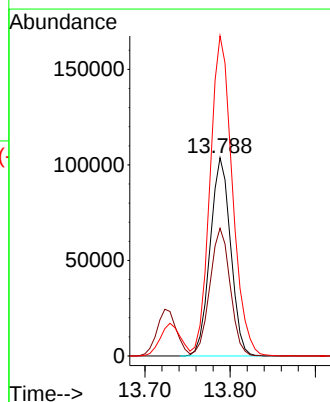
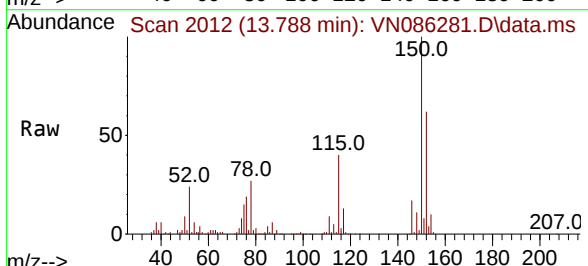
Manual Integrations
APPROVED

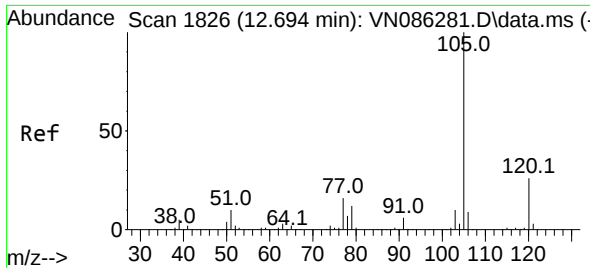
Reviewed By :John Carlone 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. 0.000 min
Lab File: VN086281.D
Acq: 15 Apr 2025 13:51

Tgt Ion:152 Resp: 173703
Ion Ratio Lower Upper
152 100
115 63.9 31.9 95.9
150 176.0 0.0 352.0





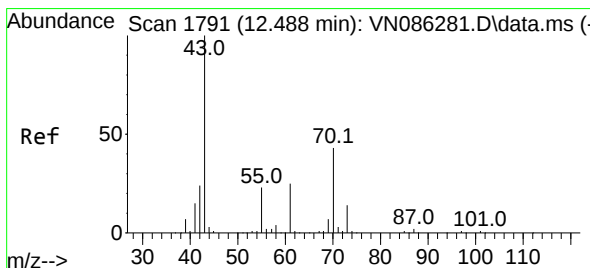
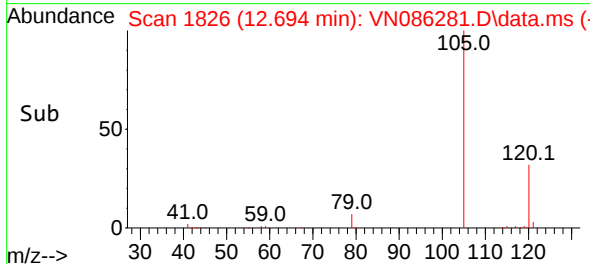
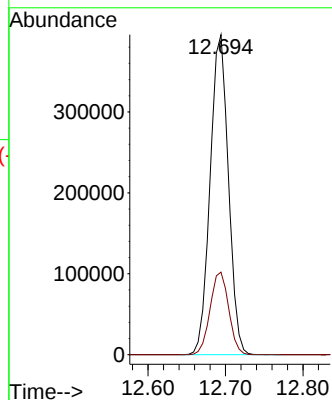
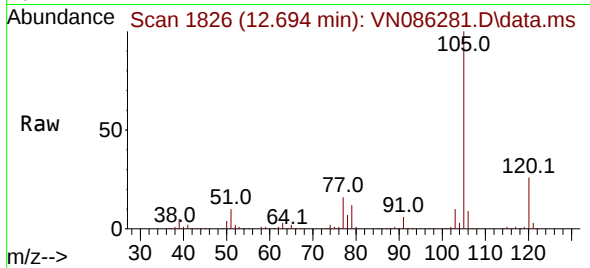
#73
Isopropylbenzene
Concen: 45.568 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN086281.D
Acq: 15 Apr 2025 13:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion:105 Resp: 647490
Ion Ratio Lower Upper
105 100
120 26.2 13.1 39.3

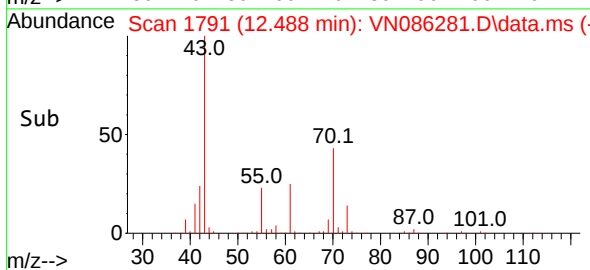
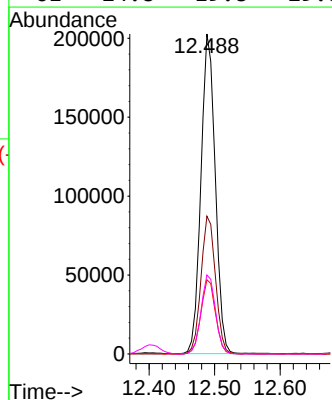
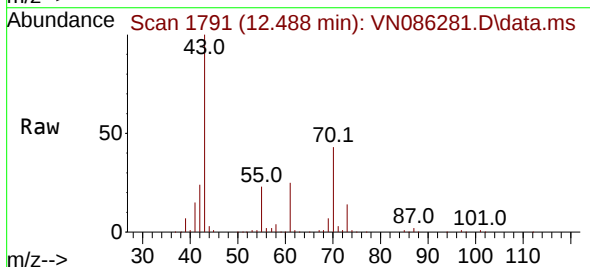
Manual Integrations
APPROVED

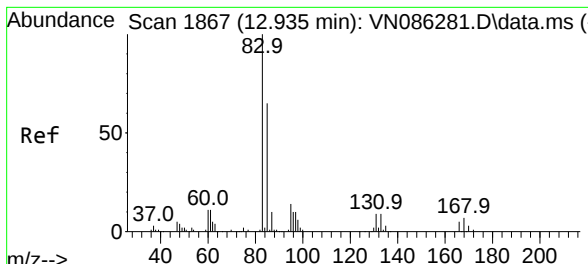
Reviewed By :John Carlone 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025



#74
N-ethyl acetate
Concen: 43.670 ug/l
RT: 12.488 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VN086281.D
Acq: 15 Apr 2025 13:51

Tgt Ion: 43 Resp: 308916
Ion Ratio Lower Upper
43 100
70 43.7 35.0 52.4
55 23.7 19.0 28.4
61 24.8 19.8 29.8





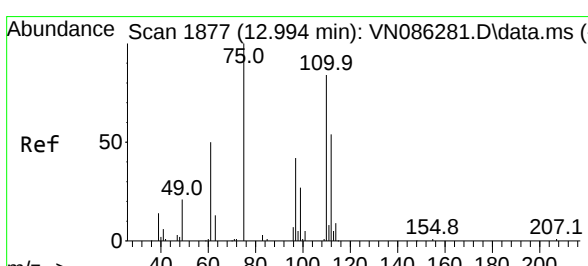
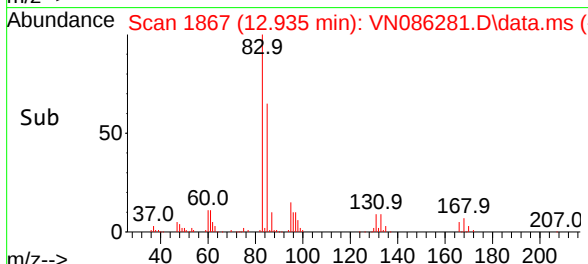
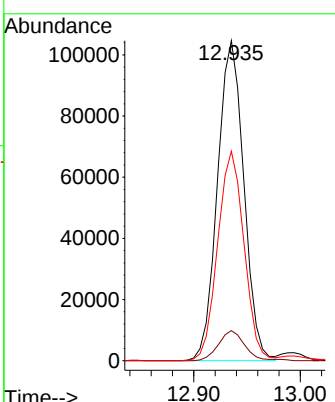
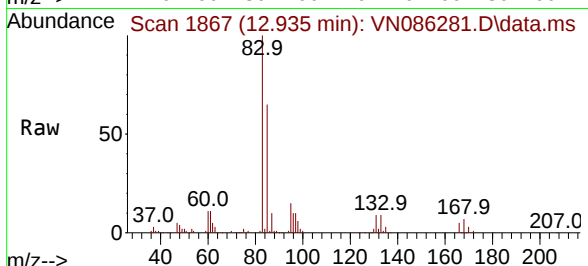
#75
 1,1,2,2-Tetrachloroethane
 Concen: 44.025 ug/l
 RT: 12.935 min Scan# 1867
 Delta R.T. 0.000 min
 Lab File: VN086281.D
 Acq: 15 Apr 2025 13:51

Instrument : MSVOA_N
 ClientSampleId : VSTDICCC050

Tgt Ion: 83 Resp: 17986

Ion	Ratio	Lower	Upper
83	100		
131	9.4	4.7	14.1
85	65.4	32.7	98.1

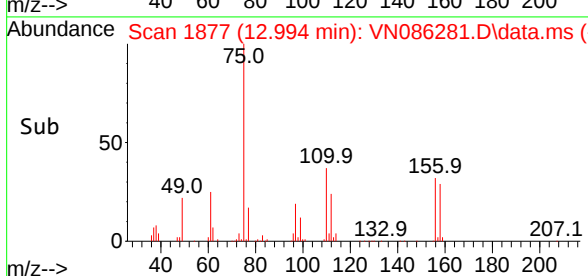
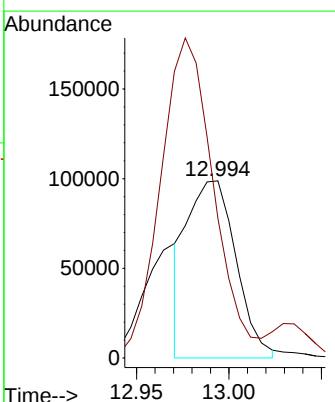
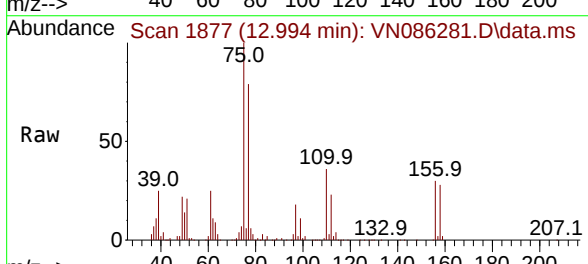
Manual Integrations
APPROVED
 Reviewed By :John Carlone 04/16/2025
 Supervised By :Semsettin Yesilyurt 04/16/2025

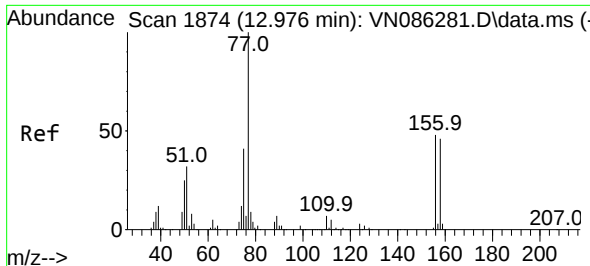


#76
 1,2,3-Trichloropropane
 Concen: 44.357 ug/l m
 RT: 12.994 min Scan# 1877
 Delta R.T. 0.000 min
 Lab File: VN086281.D
 Acq: 15 Apr 2025 13:51

Tgt Ion: 75 Resp: 181010

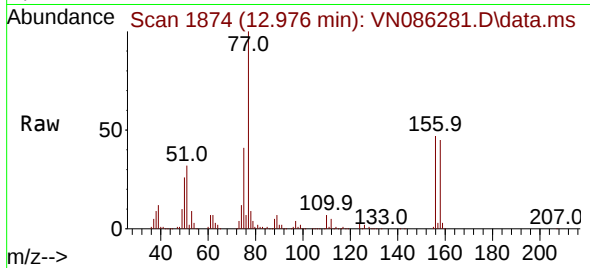
Ion	Ratio	Lower	Upper
75	100		
77	197.6	98.8	296.4





#77
Bromobenzene
Concen: 46.919 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. 0.000 min
Lab File: VN086281.D
Acq: 15 Apr 2025 13:51

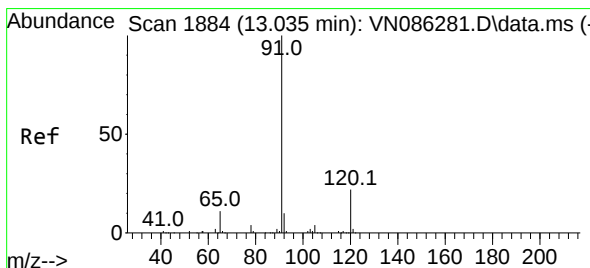
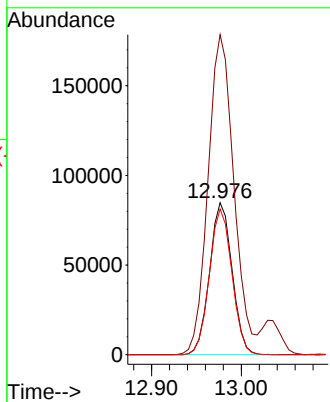
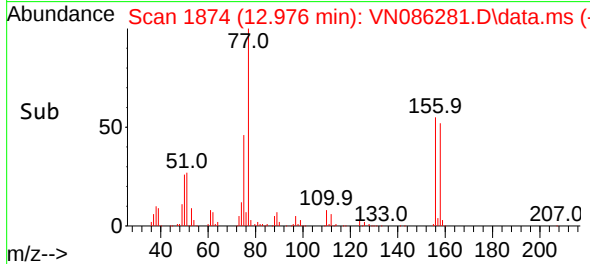
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion:156 Resp: 147720
Ion Ratio Lower Upper
156 100
77 242.1 121.1 363.1
158 95.7 47.9 143.6

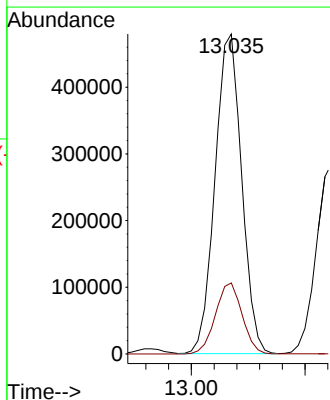
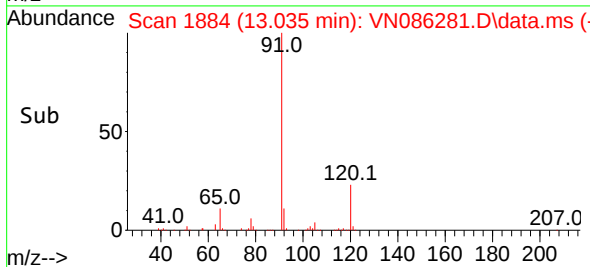
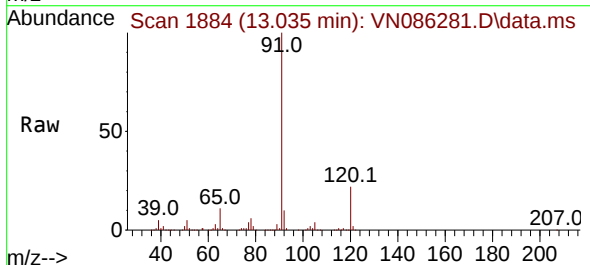
Manual Integrations
APPROVED

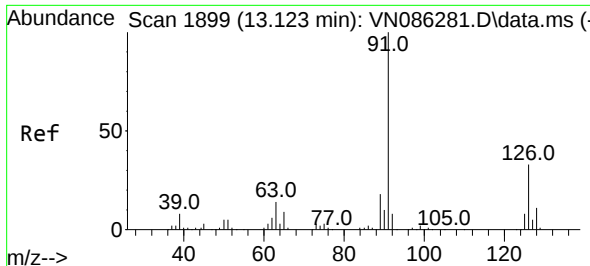
Reviewed By :John Carlone 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025



#78
n-propylbenzene
Concen: 46.556 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VN086281.D
Acq: 15 Apr 2025 13:51

Tgt Ion: 91 Resp: 779530
Ion Ratio Lower Upper
91 100
120 22.2 11.1 33.3





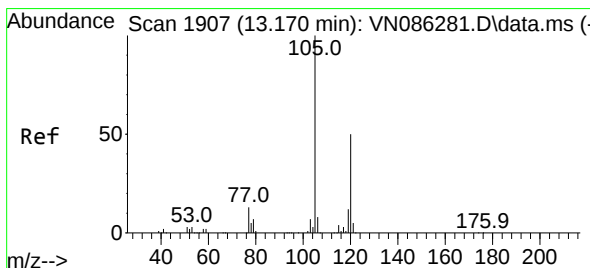
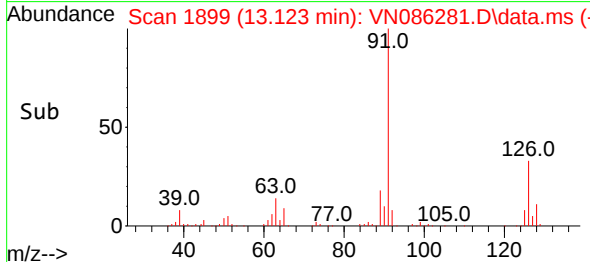
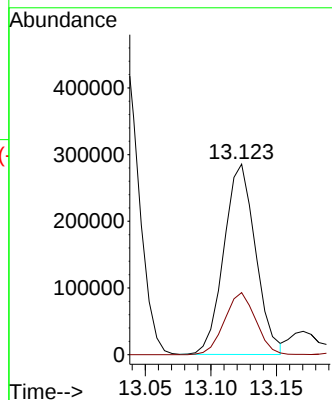
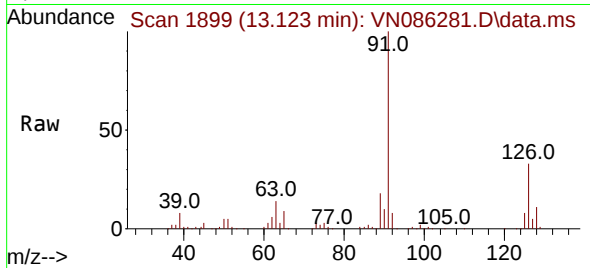
#79
2-Chlorotoluene
Concen: 45.740 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VN086281.D
Acq: 15 Apr 2025 13:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion: 91 Resp: 479235
Ion Ratio Lower Upper
91 100
126 32.1 16.1 48.2

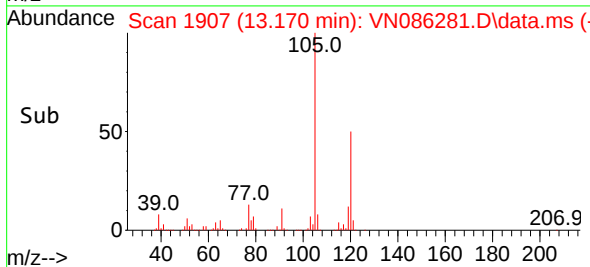
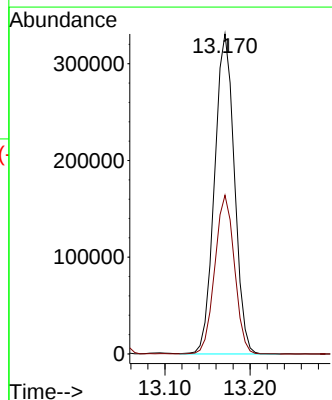
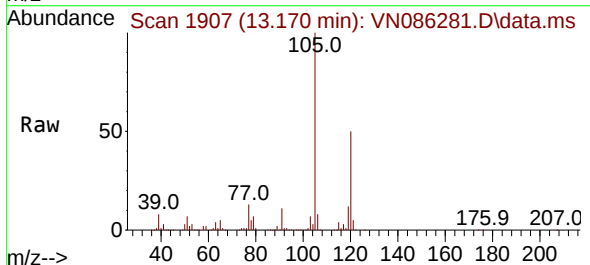
Manual Integrations
APPROVED

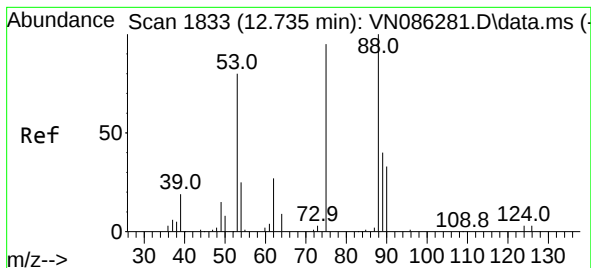
Reviewed By :John Carlone 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025



#80
1,3,5-Trimethylbenzene
Concen: 46.042 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VN086281.D
Acq: 15 Apr 2025 13:51

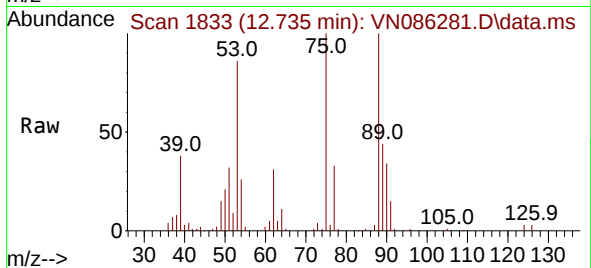
Tgt Ion:105 Resp: 535465
Ion Ratio Lower Upper
105 100
120 49.0 24.5 73.5





#81
trans-1,4-Dichloro-2-butene
Concen: 46.919 ug/l m
RT: 12.735 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN086281.D
Acq: 15 Apr 2025 13:51

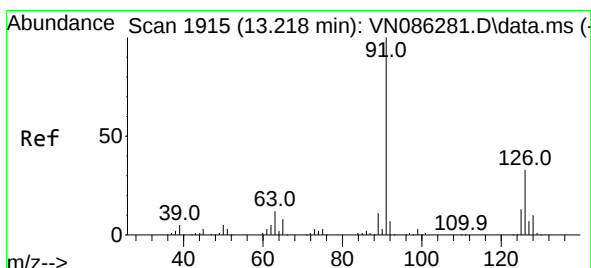
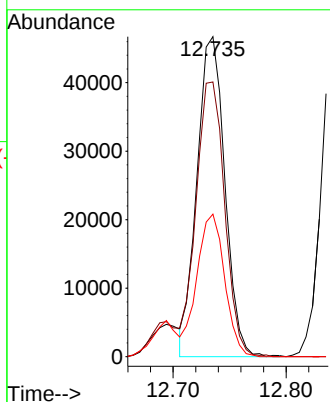
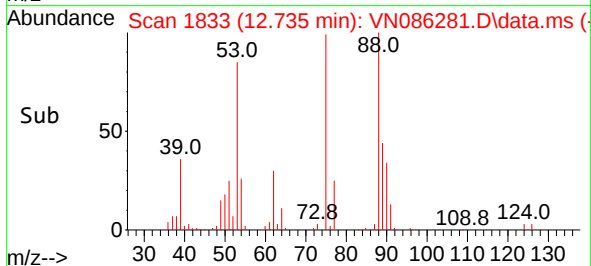
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



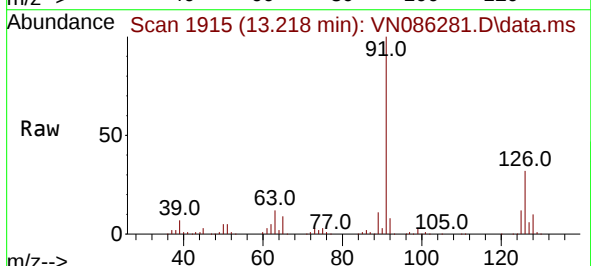
Tgt Ion: 75 Resp: 80078
Ion Ratio Lower Upper
75 100
53 98.9 79.2 118.8
89 44.5 35.7 53.5

Manual Integrations
APPROVED

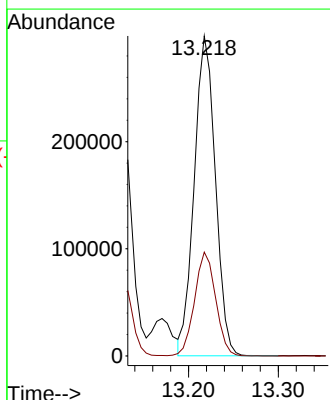
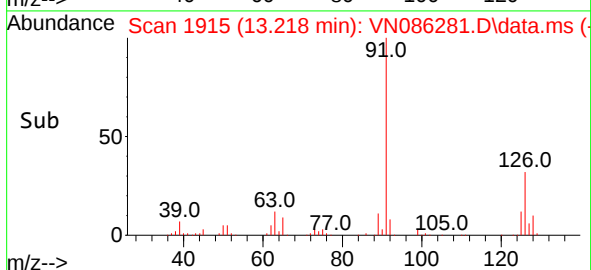
Reviewed By :John Carlone 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025

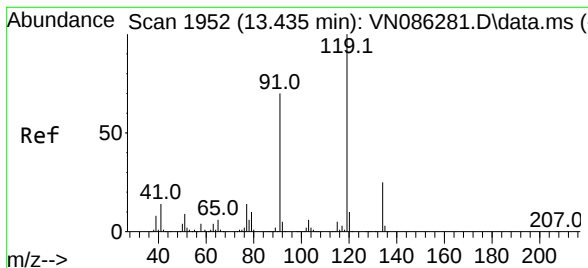


#82
4-Chlorotoluene
Concen: 46.893 ug/l
RT: 13.218 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VN086281.D
Acq: 15 Apr 2025 13:51



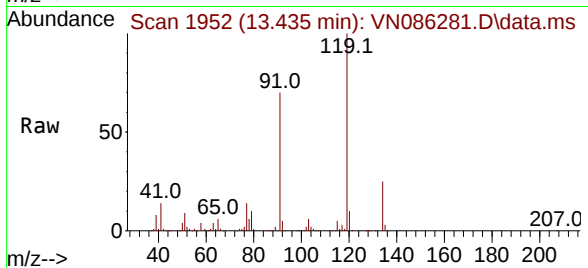
Tgt Ion: 91 Resp: 488049
Ion Ratio Lower Upper
91 100
126 32.4 16.2 48.6





#83
tert-Butylbenzene
Concen: 44.954 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. 0.000 min
Lab File: VN086281.D
Acq: 15 Apr 2025 13:51

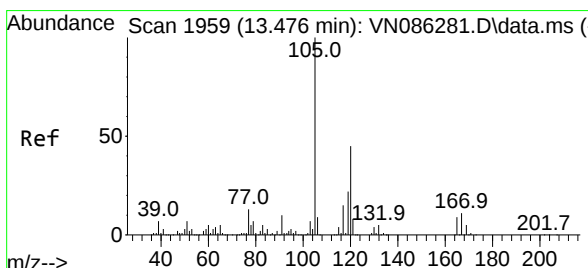
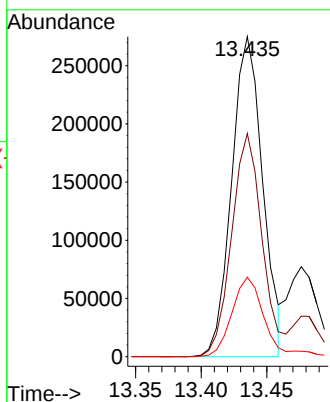
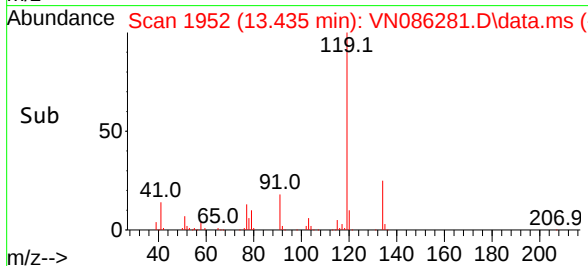
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



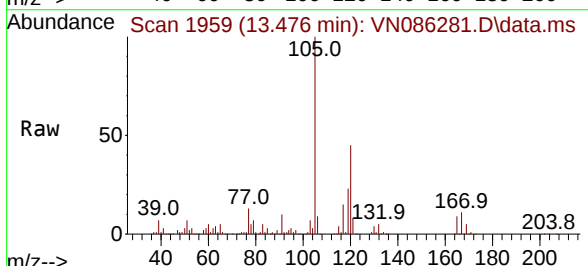
Tgt Ion:119 Resp: 452999
Ion Ratio Lower Upper
119 100
91 68.9 34.4 103.3
134 26.0 13.0 39.0

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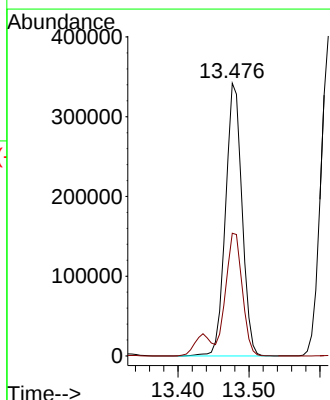
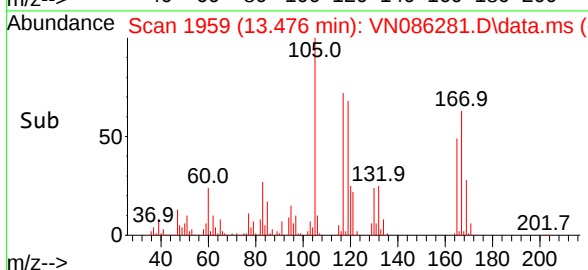
Reviewed By :John Carlone 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025

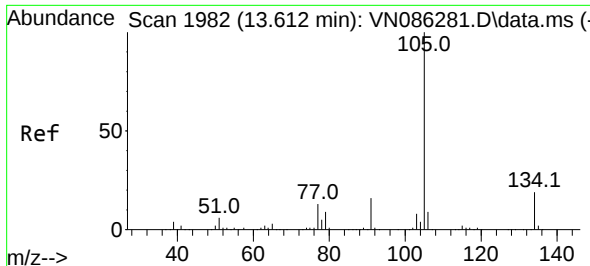


#84
1,2,4-Trimethylbenzene
Concen: 46.521 ug/l
RT: 13.476 min Scan# 1959
Delta R.T. 0.000 min
Lab File: VN086281.D
Acq: 15 Apr 2025 13:51



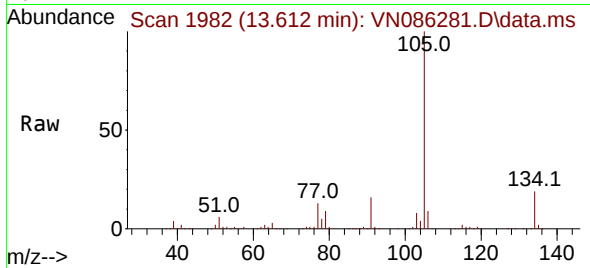
Tgt Ion:105 Resp: 550727
Ion Ratio Lower Upper
105 100
120 44.9 22.4 67.3





#85
 sec-Butylbenzene
 Concen: 46.767 ug/l
 RT: 13.612 min Scan# 1982
 Delta R.T. 0.000 min
 Lab File: VN086281.D
 Acq: 15 Apr 2025 13:51

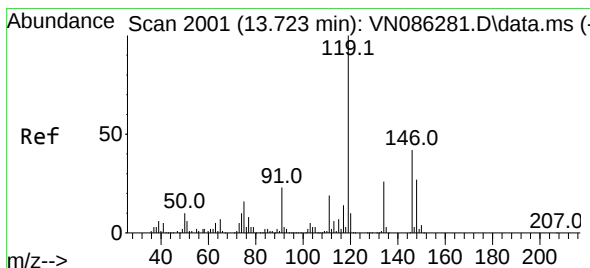
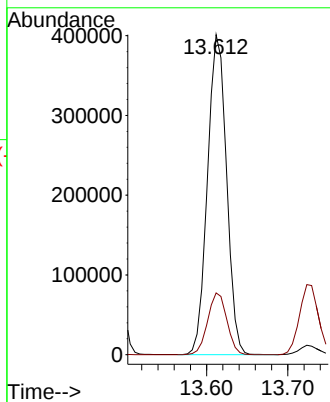
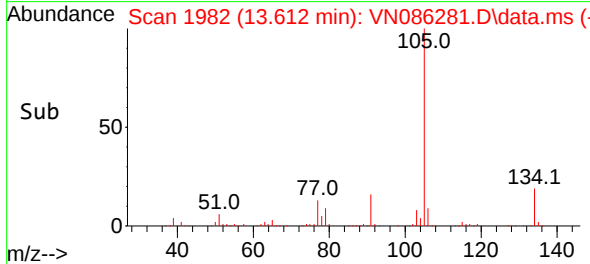
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050



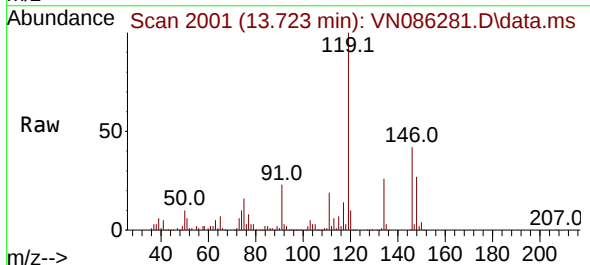
Tgt Ion:105 Resp: 653679
 Ion Ratio Lower Upper
 105 100
 134 19.4 9.7 29.1

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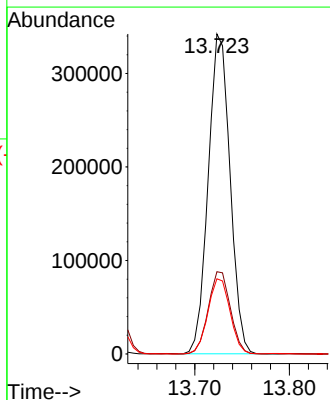
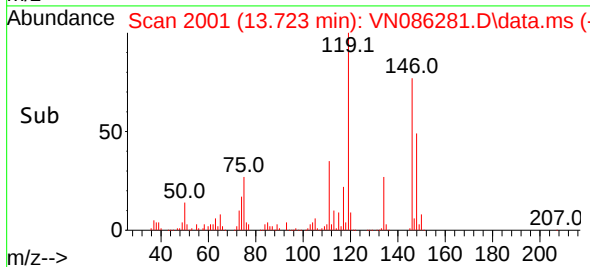
Reviewed By :John Carlone 04/16/2025
 Supervised By :Semsettin Yesilyurt 04/16/2025

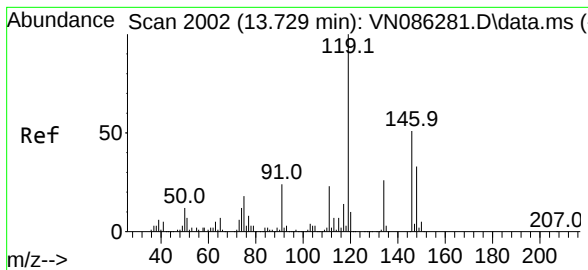


#86
 p-Isopropyltoluene
 Concen: 47.611 ug/l
 RT: 13.723 min Scan# 2001
 Delta R.T. 0.000 min
 Lab File: VN086281.D
 Acq: 15 Apr 2025 13:51



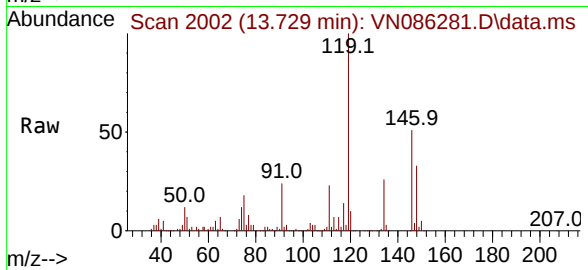
Tgt Ion:119 Resp: 548528
 Ion Ratio Lower Upper
 119 100
 134 26.1 13.1 39.1
 91 23.9 11.9 35.9





#87
 1,3-Dichlorobenzene
 Concen: 47.249 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN086281.D
 Acq: 15 Apr 2025 13:51

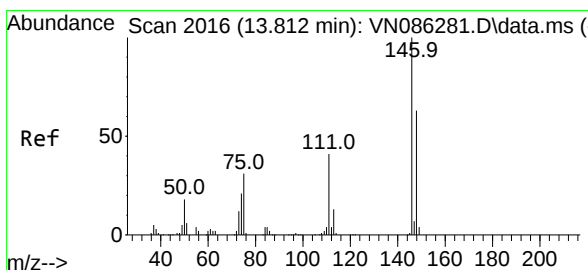
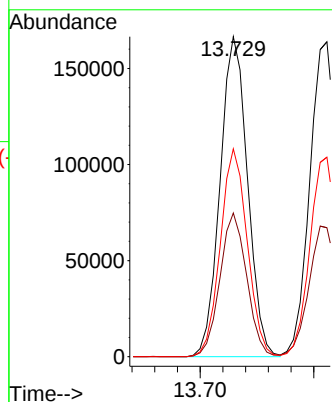
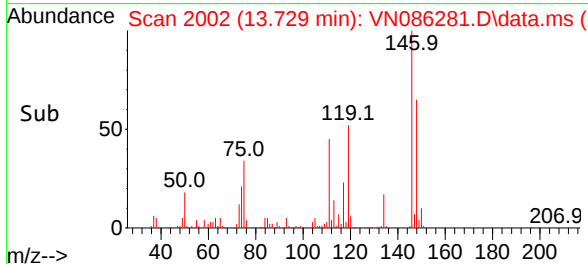
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050



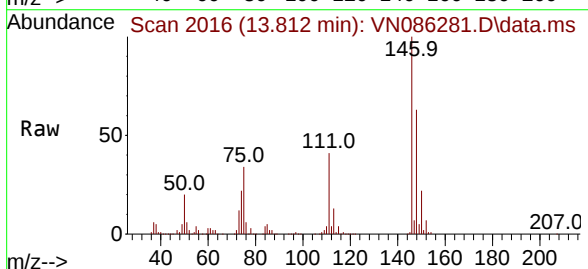
Tgt Ion:146 Resp: 279649
 Ion Ratio Lower Upper
 146 100
 111 43.8 21.9 65.7
 148 63.7 31.9 95.5

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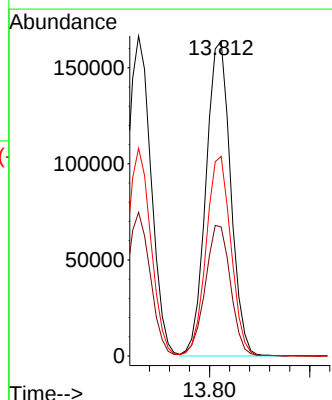
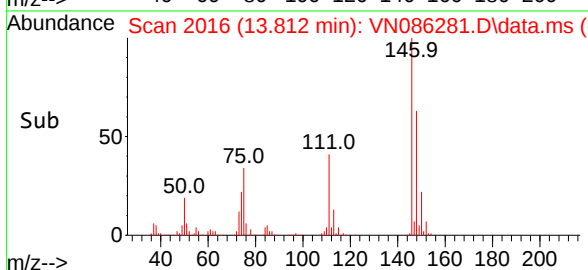
Reviewed By :John Carlone 04/16/2025
 Supervised By :Semsettin Yesilyurt 04/16/2025



#88
 1,4-Dichlorobenzene
 Concen: 47.032 ug/l
 RT: 13.812 min Scan# 2016
 Delta R.T. 0.000 min
 Lab File: VN086281.D
 Acq: 15 Apr 2025 13:51



Tgt Ion:146 Resp: 280378
 Ion Ratio Lower Upper
 146 100
 111 42.6 21.3 63.9
 148 63.9 31.9 95.9





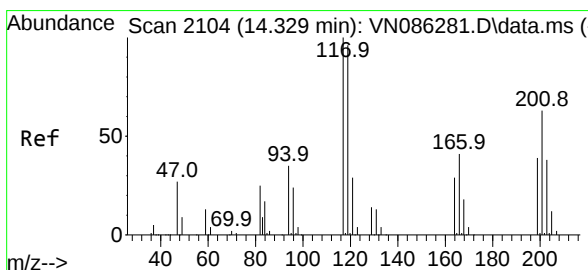
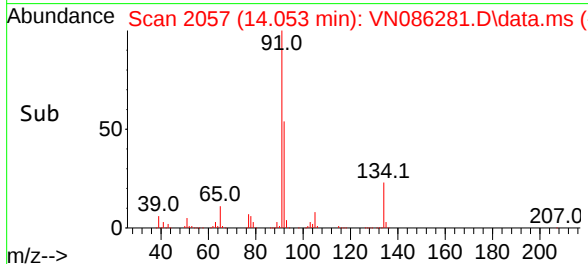
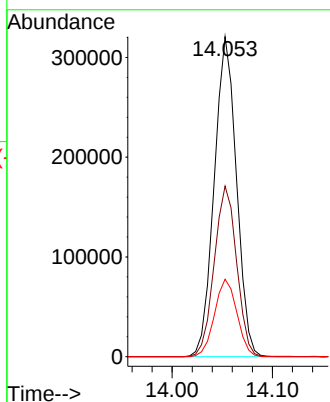
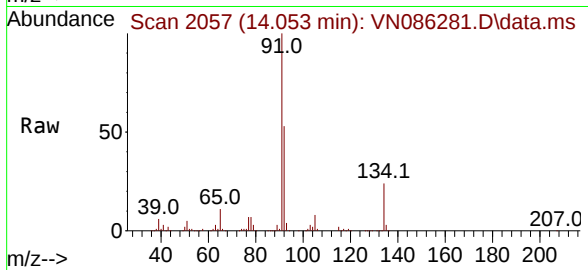
#89
n-Butylbenzene
Concen: 48.271 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. 0.000 min
Lab File: VN086281.D
Acq: 15 Apr 2025 13:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion: 91 Resp: 49294
Ion Ratio Lower Upper
91 100
92 53.6 26.8 80.4
134 24.4 12.2 36.6

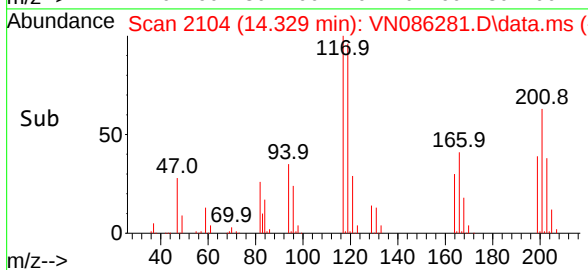
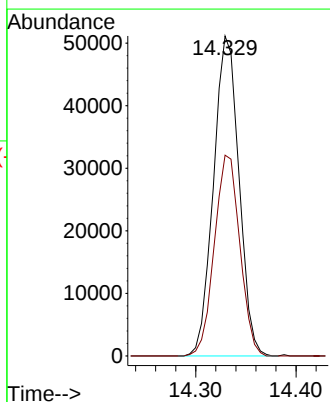
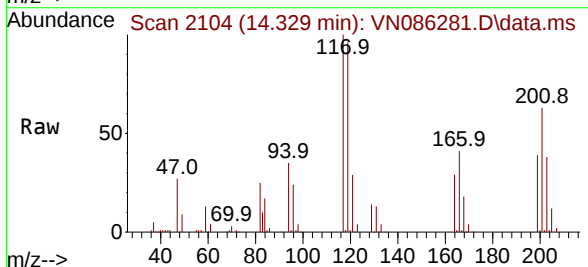
Manual Integrations
APPROVED

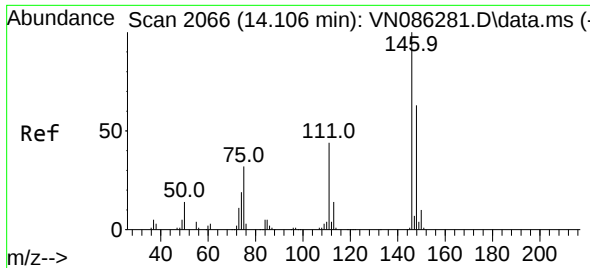
Reviewed By :John Carlone 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025



#90
Hexachloroethane
Concen: 46.447 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. 0.000 min
Lab File: VN086281.D
Acq: 15 Apr 2025 13:51

Tgt Ion:117 Resp: 90009
Ion Ratio Lower Upper
117 100
201 62.8 31.4 94.2





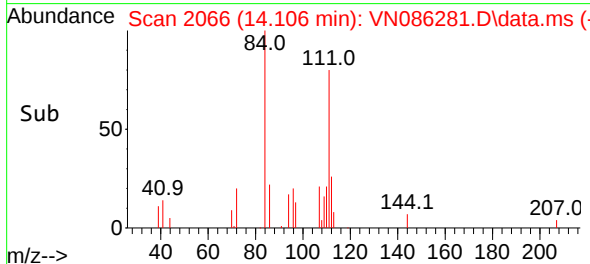
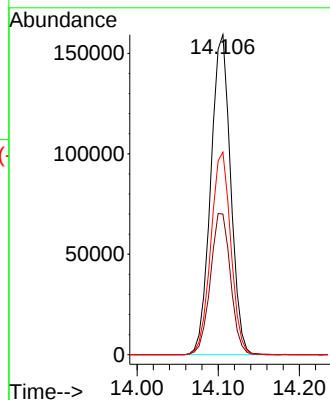
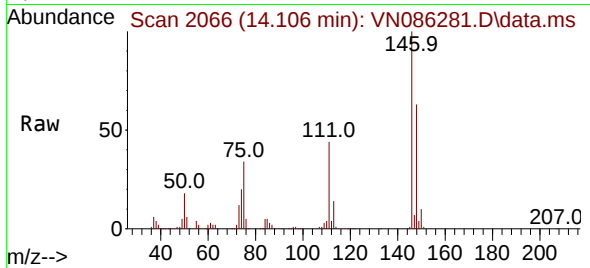
#91
1,2-Dichlorobenzene
Concen: 47.181 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. 0.000 min
Lab File: VN086281.D
Acq: 15 Apr 2025 13:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion:146 Resp: 27073
Ion Ratio Lower Upper
146 100
111 44.7 22.4 67.0
148 63.6 31.8 95.4

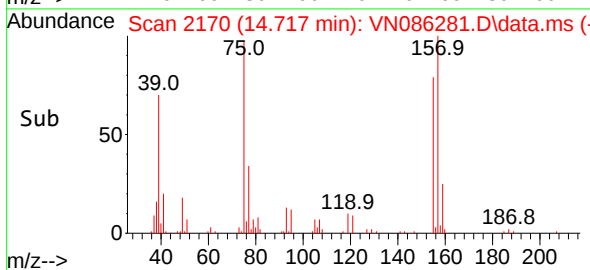
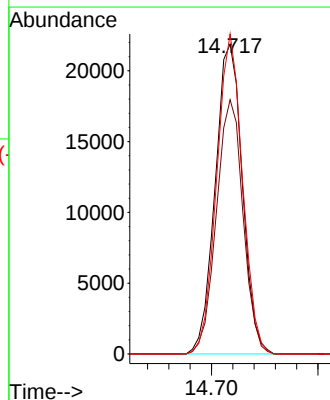
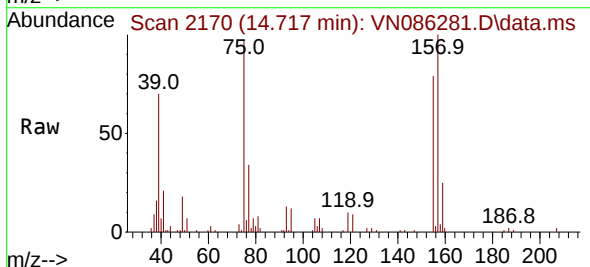
Manual Integrations
APPROVED

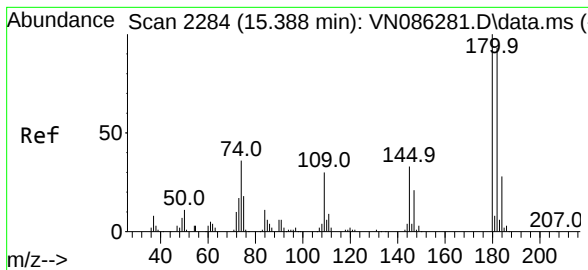
Reviewed By :John Carlone 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 46.887 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. 0.000 min
Lab File: VN086281.D
Acq: 15 Apr 2025 13:51

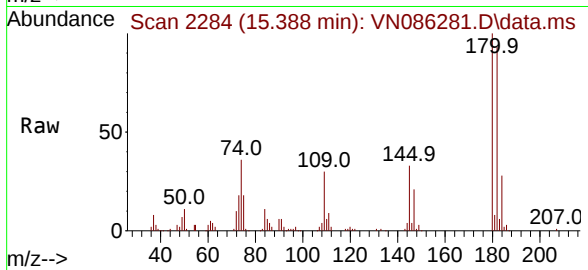
Tgt Ion: 75 Resp: 38625
Ion Ratio Lower Upper
75 100
155 80.6 40.3 120.9
157 98.1 49.0 147.2





#93
1,2,4-Trichlorobenzene
Concen: 48.375 ug/l
RT: 15.388 min Scan# 2284
Delta R.T. 0.000 min
Lab File: VN086281.D
Acq: 15 Apr 2025 13:51

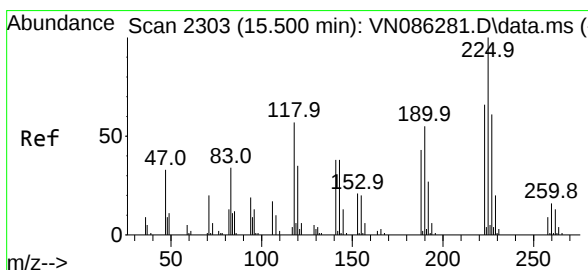
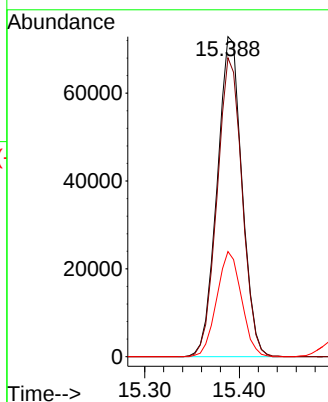
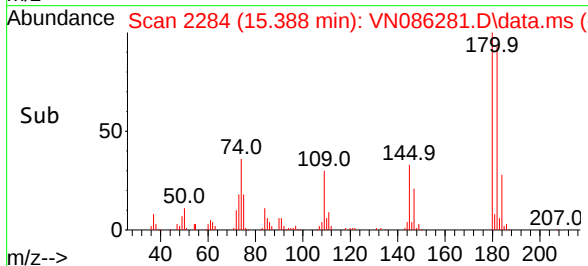
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



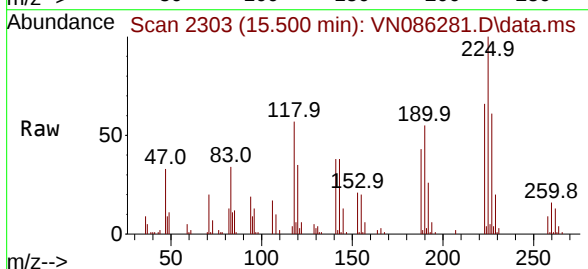
Tgt Ion:180 Resp: 132919
Ion Ratio Lower Upper
180 100
182 94.0 47.0 141.0
145 32.7 16.4 49.1

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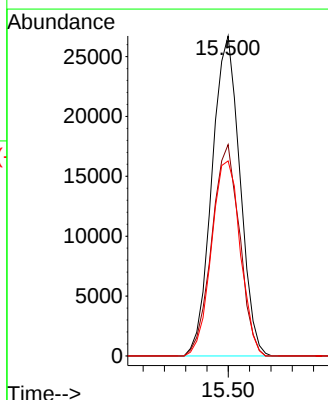
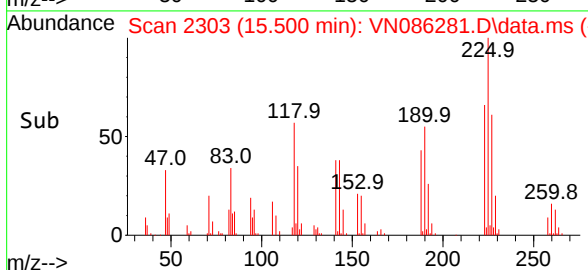
Reviewed By :John Carlone 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025

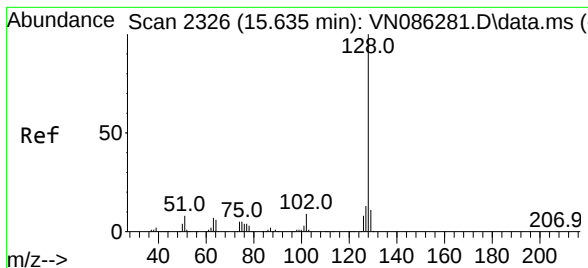


#94
Hexachlorobutadiene
Concen: 46.947 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. 0.000 min
Lab File: VN086281.D
Acq: 15 Apr 2025 13:51



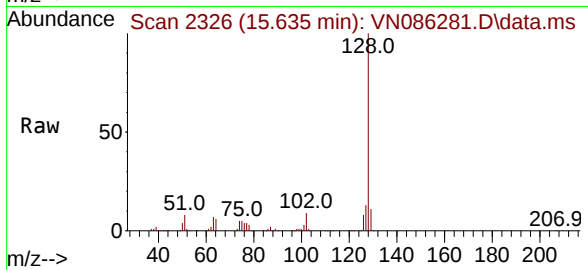
Tgt Ion:225 Resp: 48694
Ion Ratio Lower Upper
225 100
223 65.5 32.8 98.3
227 62.7 31.4 94.0





#95
Naphthalene
Concen: 47.708 ug/l
RT: 15.635 min Scan# 2326
Delta R.T. 0.000 min
Lab File: VN086281.D
Acq: 15 Apr 2025 13:51

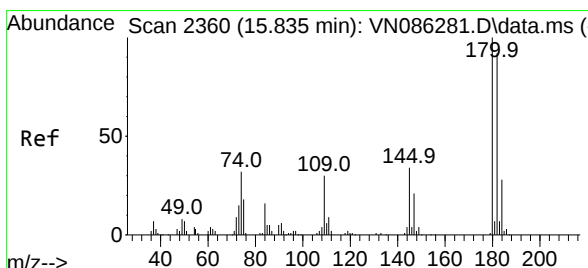
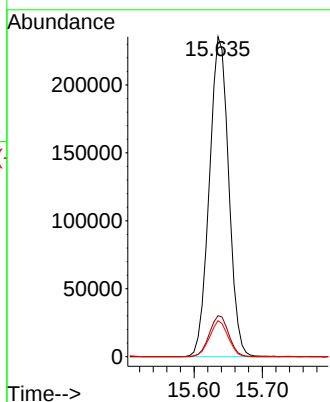
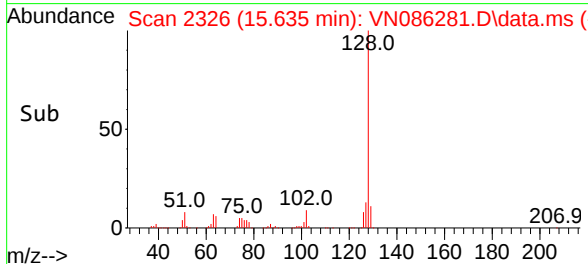
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



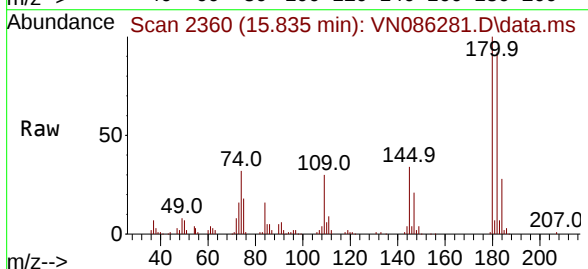
Tgt Ion:128 Resp: 464685
Ion Ratio Lower Upper
128 100
127 12.8 10.2 15.4
129 10.8 8.6 13.0

Manual Integrations
APPROVED

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



#96
1,2,3-Trichlorobenzene
Concen: 47.249 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. 0.000 min
Lab File: VN086281.D
Acq: 15 Apr 2025 13:51



Tgt Ion:180 Resp: 122910
Ion Ratio Lower Upper
180 100
182 94.7 47.3 142.0
145 34.3 17.2 51.5

