

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041525\
 Data File : VN086282.D
 Acq On : 15 Apr 2025 14:29
 Operator : JC\MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC100

Quant Time: Apr 16 03:58:53 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 16 03:42:50 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

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

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

Internal Standards						
1) Pentafluorobenzene	8.218	168	228089	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	422902	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	380274	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	182297	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.571	65	322920	97.633	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 195.260%#			
35) Dibromofluoromethane	8.165	113	163696	83.402	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 166.800%#			
50) Toluene-d8	10.565	98	1046538	99.767	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 199.540%#			
62) 4-Bromofluorobenzene	12.847	95	394671	103.153	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 206.300%#			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	270450	100.025	ug/l	100
3) Chloromethane	2.359	50	362586	92.270	ug/l	99
4) Vinyl Chloride	2.512	62	359654	95.910	ug/l	99
5) Bromomethane	2.930	94	157044	93.105	ug/l	99
6) Chloroethane	3.106	64	232218	92.528	ug/l	98
7) Trichlorofluoromethane	3.494	101	398967	96.050	ug/l	97
8) Diethyl Ether	3.959	74	172130	94.924	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.371	101	242697	96.585	ug/l	99
10) Methyl Iodide	4.583	142	287740	104.156	ug/l	99
11) Tert butyl alcohol	5.518	59	262412	434.831	ug/l	99
12) 1,1-Dichloroethene	4.336	96	254035	94.627	ug/l	97
13) Acrolein	4.171	56	137131	502.553	ug/l	97
14) Allyl chloride	5.018	41	435112	91.225	ug/l	98
15) Acrylonitrile	5.712	53	713644	478.368	ug/l	99
16) Acetone	4.424	43	563323	498.290	ug/l	99
17) Carbon Disulfide	4.712	76	685619	85.294	ug/l	99
18) Methyl Acetate	5.018	43	374831	94.410	ug/l	99
19) Methyl tert-butyl Ether	5.794	73	918634	93.089	ug/l	99
20) Methylene Chloride	5.271	84	286733	93.774	ug/l	99
21) trans-1,2-Dichloroethene	5.783	96	264504	94.241	ug/l	100
22) Diisopropyl ether	6.665	45	970652	93.497	ug/l	99
23) Vinyl Acetate	6.600	43	3184505	438.915	ug/l	99
24) 1,1-Dichloroethane	6.565	63	525385	95.914	ug/l	100
25) 2-Butanone	7.477	43	958217	465.437	ug/l	99
26) 2,2-Dichloropropane	7.488	77	470852	96.005	ug/l	99
27) cis-1,2-Dichloroethene	7.482	96	328329	94.252	ug/l	100
28) Bromochloromethane	7.812	49	230762	99.357	ug/l	99
29) Tetrahydrofuran	7.835	42	623822	453.130	ug/l	100
30) Chloroform	7.959	83	503712	93.611	ug/l	100
31) Cyclohexane	8.253	56	484648	90.418	ug/l	99
32) 1,1,1-Trichloroethane	8.165	97	432964	94.058	ug/l	97
36) 1,1-Dichloropropene	8.365	75	378663	96.591	ug/l	100
37) Ethyl Acetate	7.553	43	371298	89.962	ug/l	100
38) Carbon Tetrachloride	8.359	117	360081	96.450	ug/l	99
39) Methylcyclohexane	9.600	83	448842	96.325	ug/l	98
40) Benzene	8.600	78	1193479	95.020	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	219337	91.695	ug/l	100
42) 1,2-Dichloroethane	8.665	62	377081	94.143	ug/l	99
43) Isopropyl Acetate	8.682	43	704184	100.085	ug/l	100
44) Trichloroethene	9.347	130	288832	97.020	ug/l	98
45) 1,2-Dichloropropane	9.618	63	293625	95.501	ug/l	99
46) Dibromomethane	9.706	93	191324	97.667	ug/l	100
47) Bromodichloromethane	9.882	83	403514	95.372	ug/l	97
48) Methyl methacrylate	9.676	41	326384	90.052	ug/l	98
49) 1,4-Dioxane	9.688	88	98711	1601.137	ug/l	98
51) 4-Methyl-2-Pentanone	10.441	43	1989761	470.803	ug/l	99
52) Toluene	10.629	92	757019	96.592	ug/l	100
53) t-1,3-Dichloropropene	10.829	75	468739	99.248	ug/l	100
54) cis-1,3-Dichloropropene	10.312	75	496721	95.755	ug/l	99
55) 1,1,2-Trichloroethane	11.012	97	264481	93.795	ug/l	97
56) Ethyl methacrylate	10.870	69	494791	95.461	ug/l	100
57) 1,3-Dichloropropane	11.159	76	482562	96.455	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	1242387	505.011	ug/l	99
59) 2-Hexanone	11.194	43	1476474	470.996	ug/l	100
60) Dibromochloromethane	11.359	129	301498	97.371	ug/l	100
61) 1,2-Dibromoethane	11.465	107	273587	96.156	ug/l	100
64) Tetrachloroethene	11.100	164	281669	96.294	ug/l	97
65) Chlorobenzene	11.888	112	805194	94.881	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.959	131	264532	94.488	ug/l	100
67) Ethyl Benzene	11.959	91	1476238	96.398	ug/l	100
68) m/p-Xylenes	12.070	106	1117098	194.681	ug/l	98
69) o-Xylene	12.394	106	546019	96.221	ug/l	99
70) Styrene	12.406	104	947293	100.188	ug/l	100
71) Bromoform	12.576	173	201110	95.410	ug/l #	99
73) Isopropylbenzene	12.694	105	1351009	90.597	ug/l	100
74) N-amyl acetate	12.488	43	641647	86.431	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.935	83	359278	83.793	ug/l	99
76) 1,2,3-Trichloropropane	12.988	75	379247m	88.555	ug/l	
77) Bromobenzene	12.976	156	303696	91.913	ug/l	98
78) n-propylbenzene	13.035	91	1640989	93.386	ug/l	99
79) 2-Chlorotoluene	13.123	91	1000943	91.031	ug/l	99
80) 1,3,5-Trimethylbenzene	13.170	105	1125981	92.254	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	175887m	98.197	ug/l	
82) 4-Chlorotoluene	13.217	91	1025113	93.852	ug/l	99
83) tert-Butylbenzene	13.435	119	975268	92.219	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	1150791	92.628	ug/l	100
85) sec-Butylbenzene	13.611	105	1359583	92.684	ug/l	99
86) p-Isopropyltoluene	13.723	119	1161224	96.040	ug/l	100
87) 1,3-Dichlorobenzene	13.729	146	586366	94.402	ug/l	100
88) 1,4-Dichlorobenzene	13.806	146	582329	93.077	ug/l	100
89) n-Butylbenzene	14.053	91	1061099	99.009	ug/l	99
90) Hexachloroethane	14.329	117	196292	96.516	ug/l	98
91) 1,2-Dichlorobenzene	14.106	146	547527	90.920	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.717	75	77795	89.984	ug/l	99
93) 1,2,4-Trichlorobenzene	15.388	180	281040	97.461	ug/l	100
94) Hexachlorobutadiene	15.500	225	101506	93.251	ug/l	99
95) Naphthalene	15.635	128	975079	95.390	ug/l	100
96) 1,2,3-Trichlorobenzene	15.835	180	258567	94.712	ug/l	100

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ClientSampleId :
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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

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Manual Integrations

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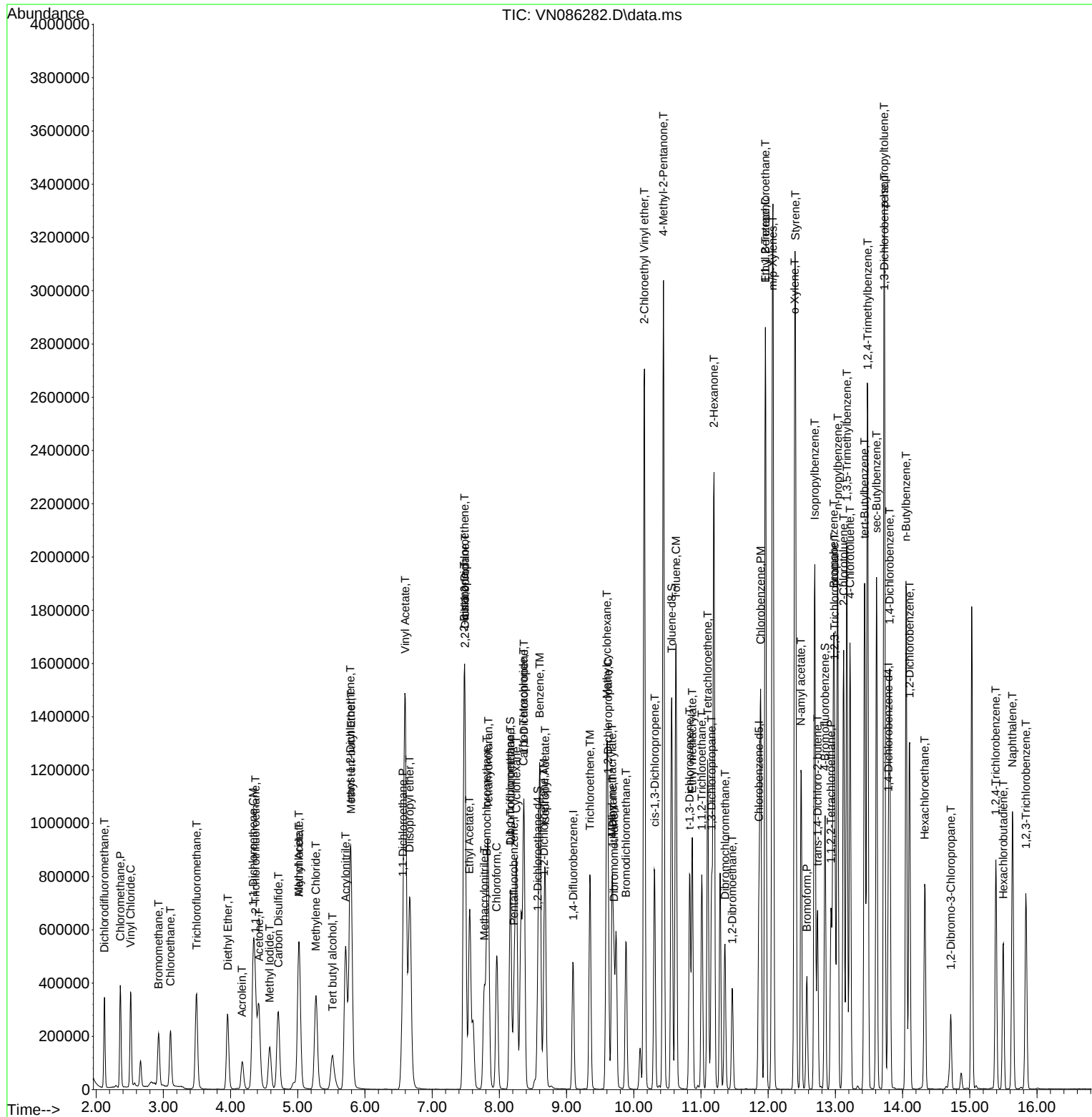
Quant Time: Apr 16 03:58:53 2025

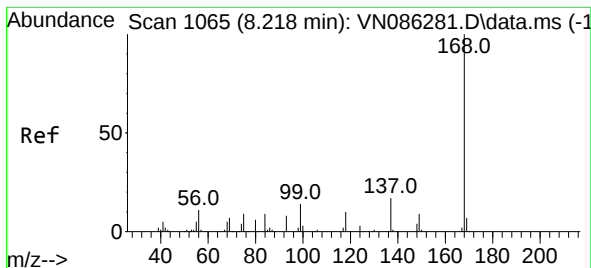
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M

Quant Title : SW846 8260

QLast Update : Wed Apr 16 03:42:50 2025

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.218 min Scan# 1065

Delta R.T. -0.000 min

Lab File: VN086282.D

Acq: 15 Apr 2025 14:29

Instrument :

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ClientSampleId :

VSTDICC100

Tgt Ion:168 Resp: 228089

Ion Ratio Lower Upper

168 100

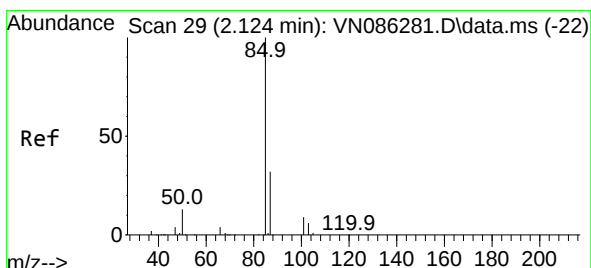
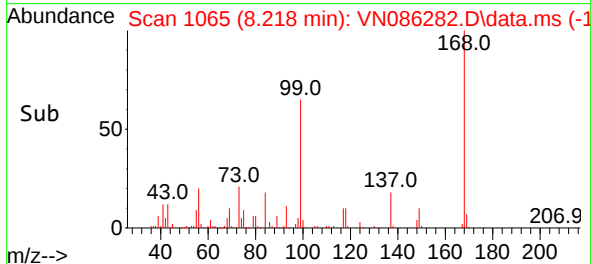
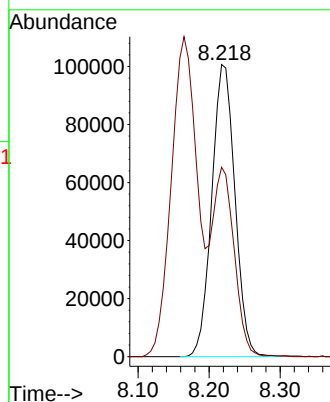
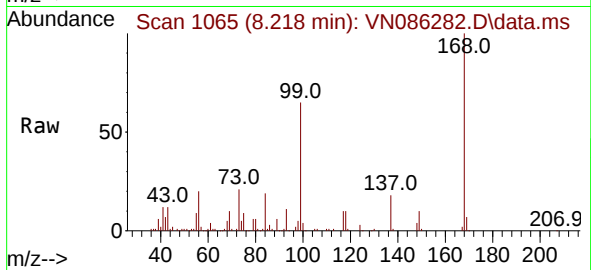
99 64.7 52.5 78.7

Manual Integrations

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#2

Dichlorodifluoromethane

Concen: 100.025 ug/l

RT: 2.124 min Scan# 29

Delta R.T. -0.000 min

Lab File: VN086282.D

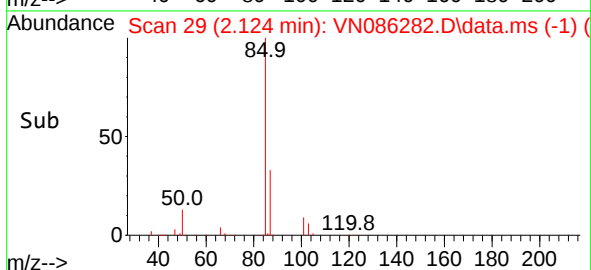
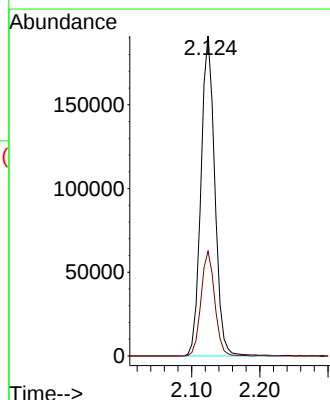
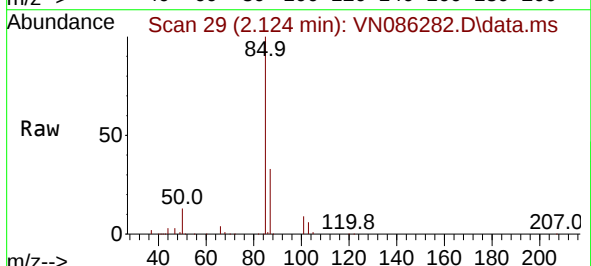
Acq: 15 Apr 2025 14:29

Tgt Ion: 85 Resp: 270450

Ion Ratio Lower Upper

85 100

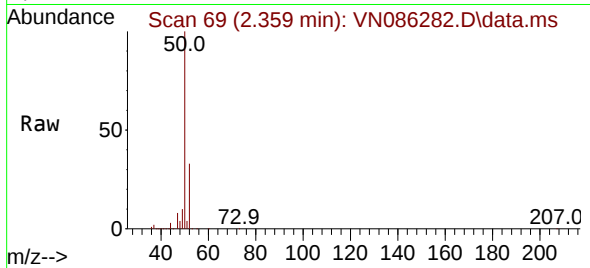
87 32.7 16.3 48.8





#3
Chloromethane
Concen: 92.270 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN086282.D
Acq: 15 Apr 2025 14:29

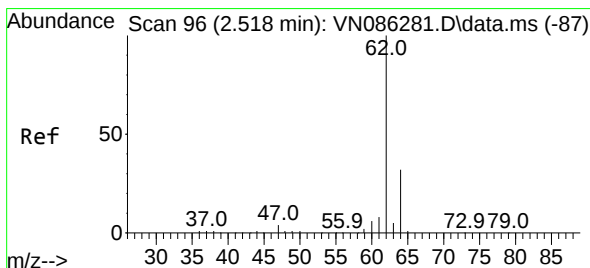
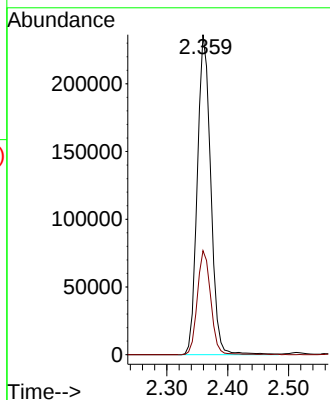
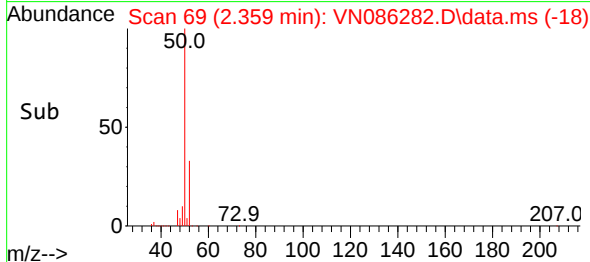
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion: 50 Resp: 362580
Ion Ratio Lower Upper
50 100
52 32.5 26.5 39.7

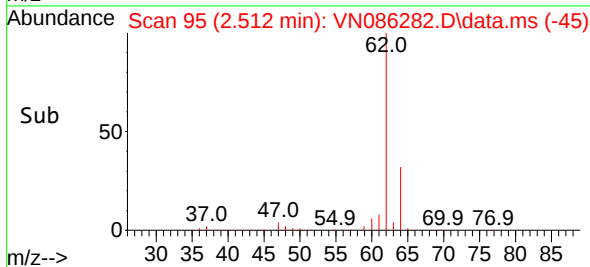
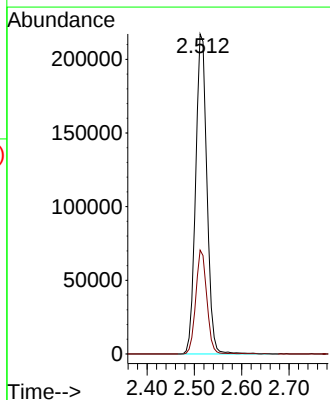
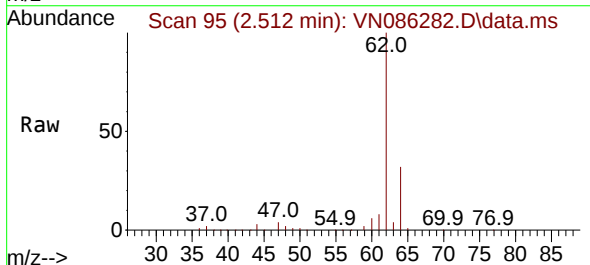
Manual Integrations
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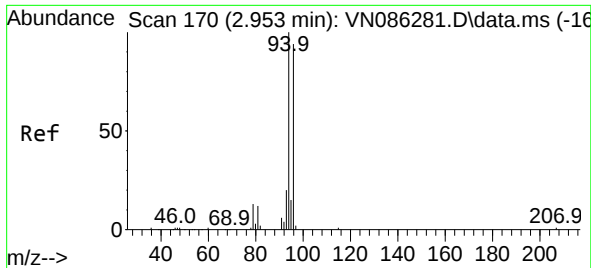
Reviewed By :John Carlone 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025



#4
Vinyl Chloride
Concen: 95.910 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.006 min
Lab File: VN086282.D
Acq: 15 Apr 2025 14:29

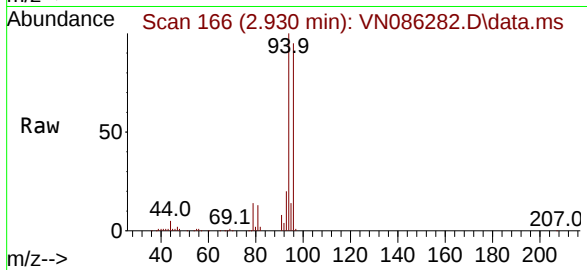
Tgt Ion: 62 Resp: 359654
Ion Ratio Lower Upper
62 100
64 32.4 25.6 38.4





#5
Bromomethane
Concen: 93.105 ug/l
RT: 2.930 min Scan# 1
Delta R.T. -0.024 min
Lab File: VN086282.D
Acq: 15 Apr 2025 14:29

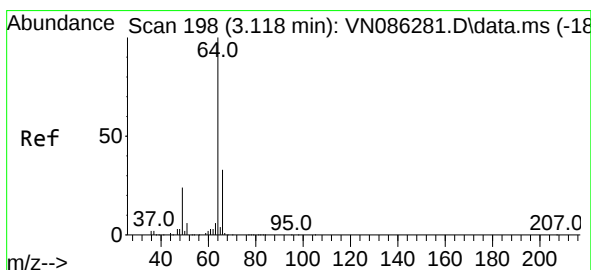
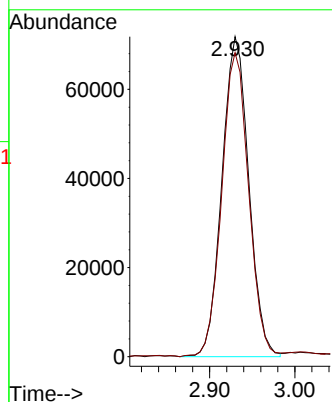
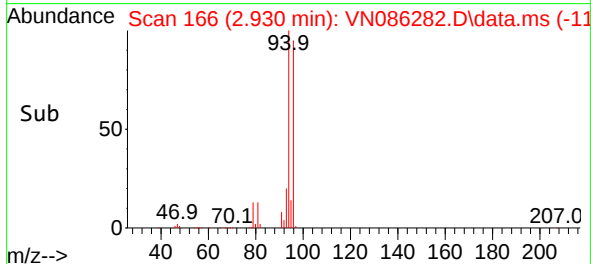
Instrument :
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Tgt Ion: 94 Resp: 157044
Ion Ratio Lower Upper
94 100
96 95.0 75.2 112.8

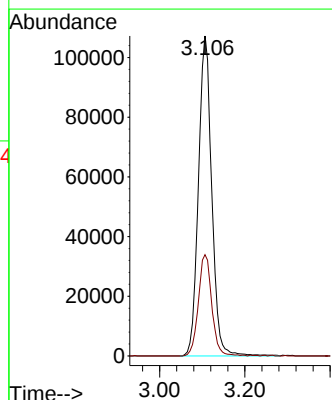
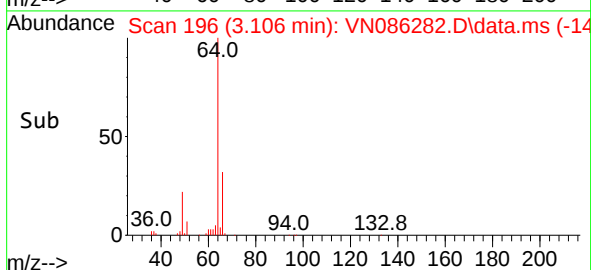
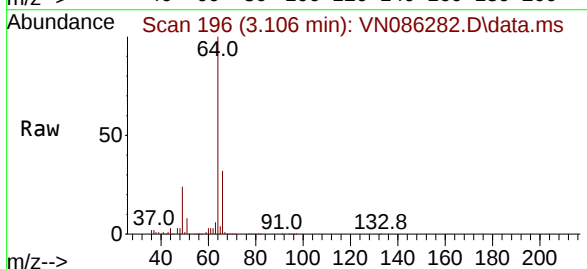
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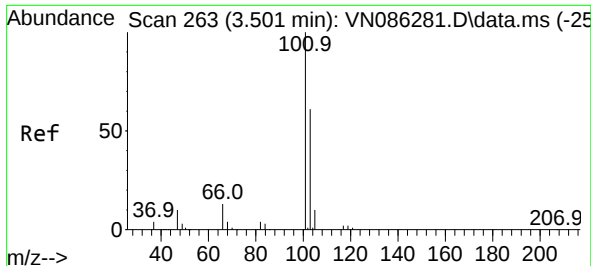
Reviewed By :John Carlone 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025



#6
Chloroethane
Concen: 92.528 ug/l
RT: 3.106 min Scan# 196
Delta R.T. -0.012 min
Lab File: VN086282.D
Acq: 15 Apr 2025 14:29

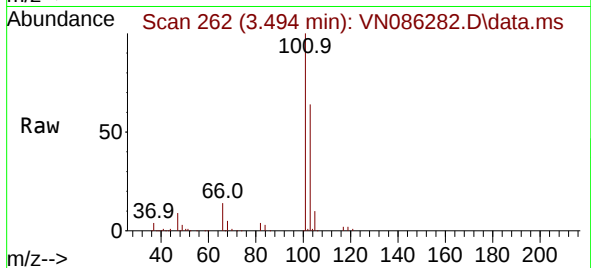
Tgt Ion: 64 Resp: 232218
Ion Ratio Lower Upper
64 100
66 31.6 26.2 39.2





#7
Trichlorofluoromethane
Concen: 96.050 ug/l
RT: 3.494 min Scan# 263
Delta R.T. -0.006 min
Lab File: VN086282.D
Acq: 15 Apr 2025 14:29

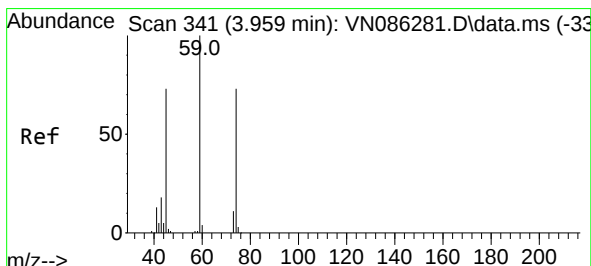
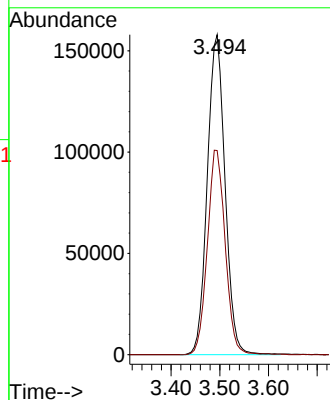
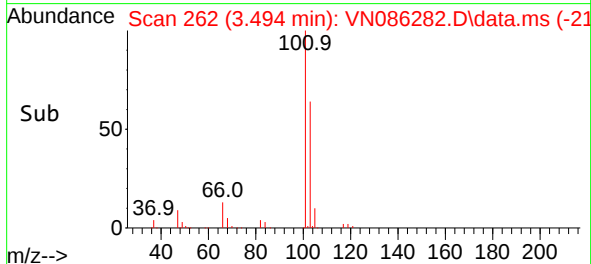
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



Tgt Ion:101 Resp: 39896
Ion Ratio Lower Upper
101 100
103 63.8 49.2 73.8

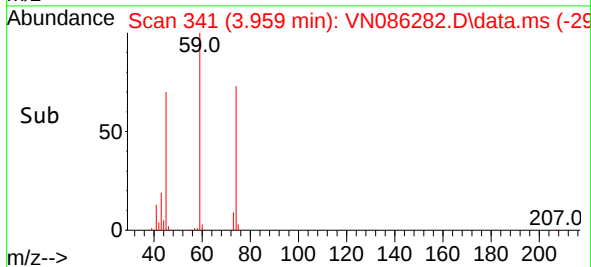
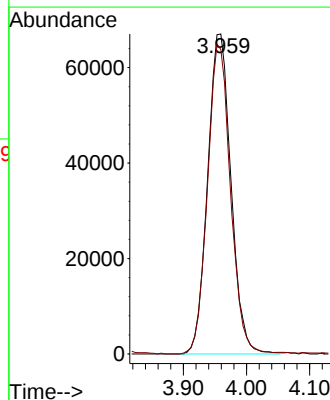
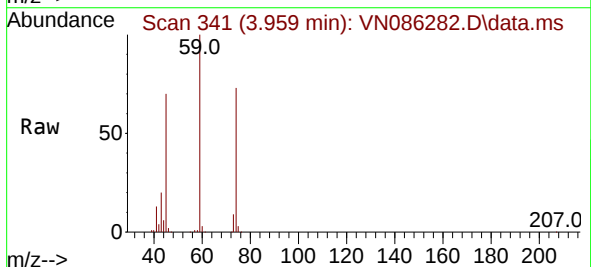
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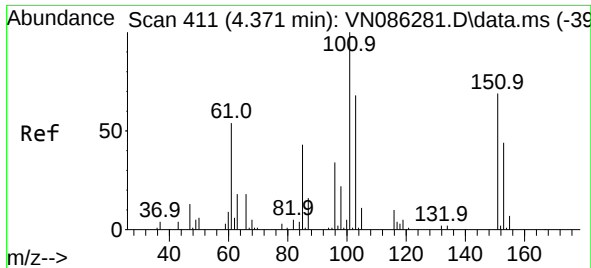
Reviewed By :John Carlone 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025



#8
Diethyl Ether
Concen: 94.924 ug/l
RT: 3.959 min Scan# 341
Delta R.T. -0.000 min
Lab File: VN086282.D
Acq: 15 Apr 2025 14:29

Tgt Ion: 74 Resp: 172130
Ion Ratio Lower Upper
74 100
45 95.3 48.0 144.2





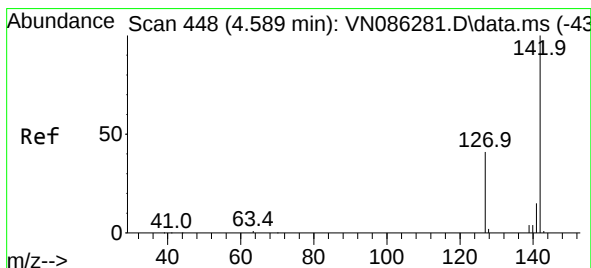
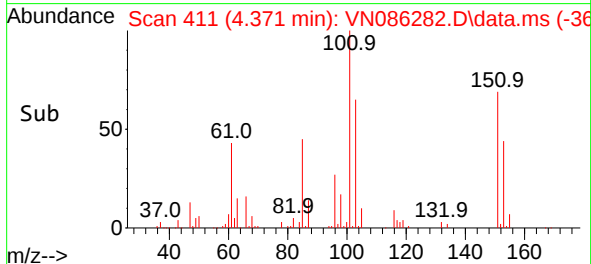
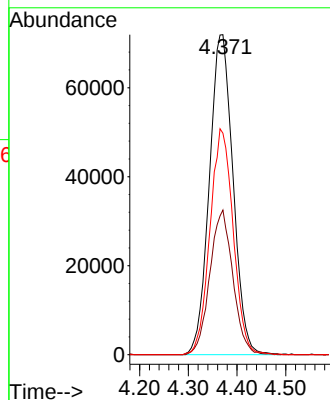
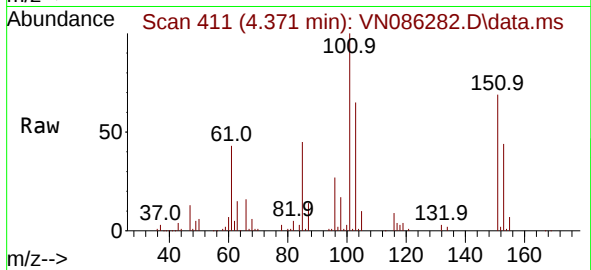
#9
1,1,2-Trichlorotrifluoroethane
Concen: 96.585 ug/l
RT: 4.371 min Scan# 411
Delta R.T. -0.000 min
Lab File: VN086282.D
Acq: 15 Apr 2025 14:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion:101 Resp: 24269
Ion Ratio Lower Upper
101 100
85 44.0 34.7 52.1
151 69.3 56.1 84.1

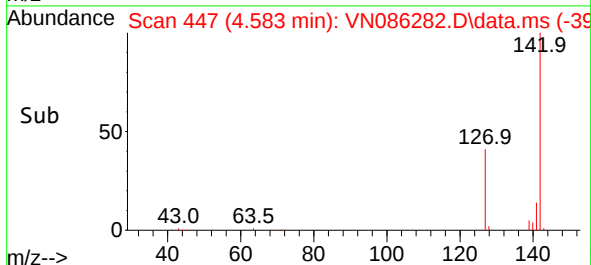
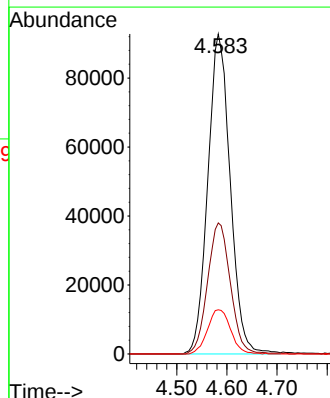
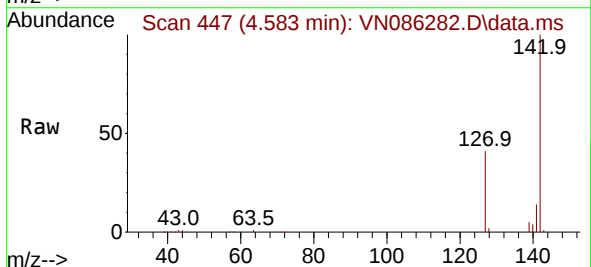
Manual Integrations
APPROVED

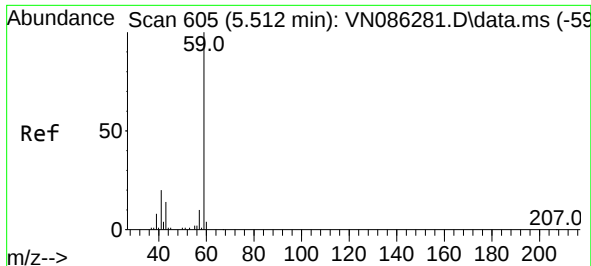
Reviewed By :John Carlone 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025



#10
Methyl Iodide
Concen: 104.156 ug/l
RT: 4.583 min Scan# 447
Delta R.T. -0.006 min
Lab File: VN086282.D
Acq: 15 Apr 2025 14:29

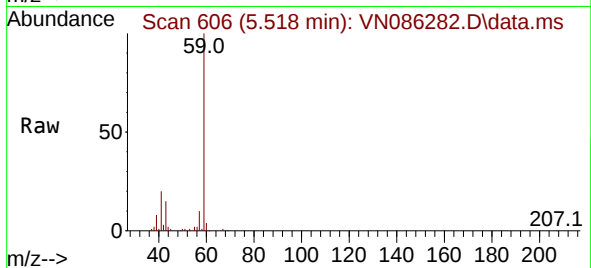
Tgt Ion:142 Resp: 287740
Ion Ratio Lower Upper
142 100
127 41.0 32.7 49.1
141 13.8 11.7 17.5





#11
Tert butyl alcohol
Concen: 434.831 ug/l
RT: 5.518 min Scan# 605
Delta R.T. 0.006 min
Lab File: VN086282.D
Acq: 15 Apr 2025 14:29

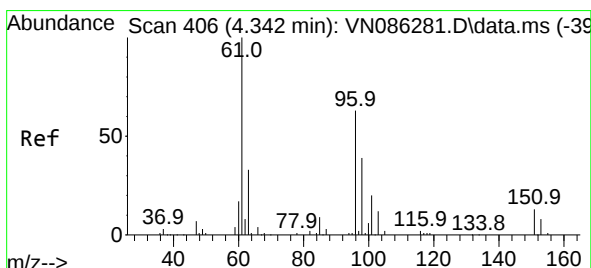
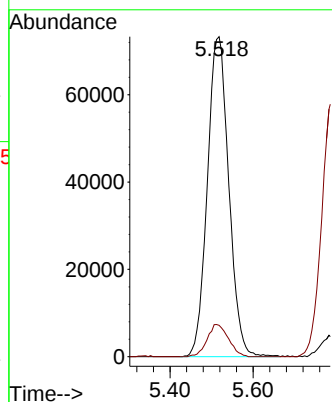
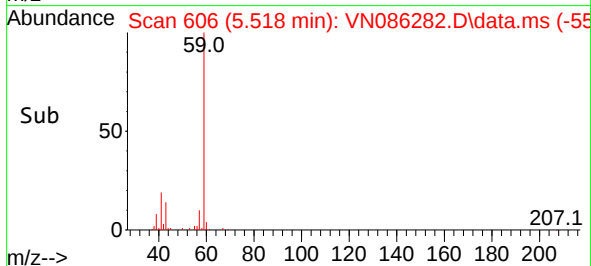
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



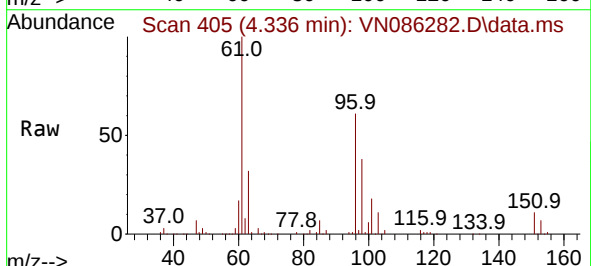
Tgt Ion: 59 Resp: 262412
Ion Ratio Lower Upper
59 100
57 10.0 8.3 12.5

Manual Integrations
APPROVED

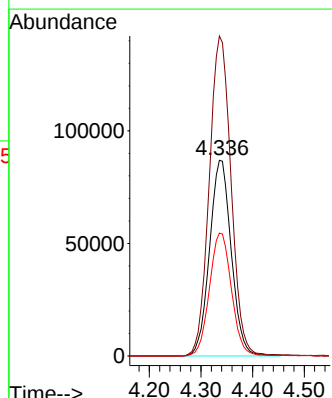
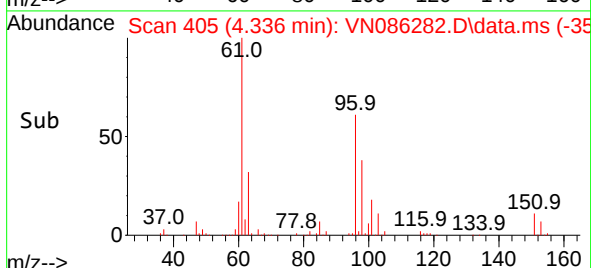
Reviewed By :John Carlone 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025



#12
1,1-Dichloroethene
Concen: 94.627 ug/l
RT: 4.336 min Scan# 405
Delta R.T. -0.006 min
Lab File: VN086282.D
Acq: 15 Apr 2025 14:29



Tgt Ion: 96 Resp: 254035
Ion Ratio Lower Upper
96 100
61 163.5 126.6 189.8
98 62.8 49.6 74.4





#13

Acrolein

Concen: 502.553 ug/l

RT: 4.171 min Scan# 31

Delta R.T. -0.006 min

Lab File: VN086282.D

Acq: 15 Apr 2025 14:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

Tgt Ion: 56 Resp: 13713

Ion Ratio Lower Upper

56 100

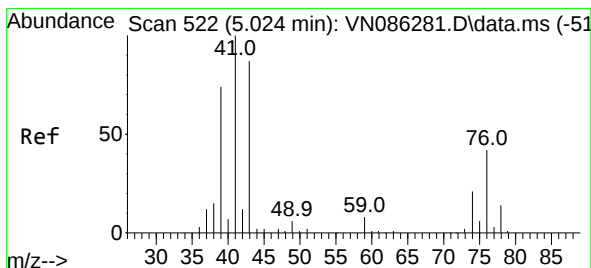
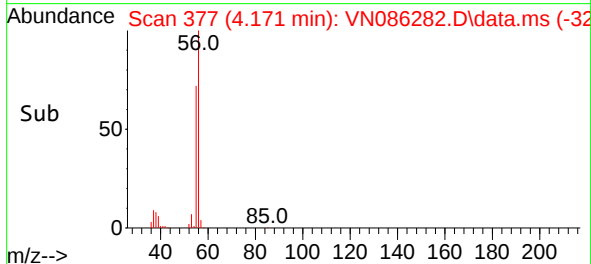
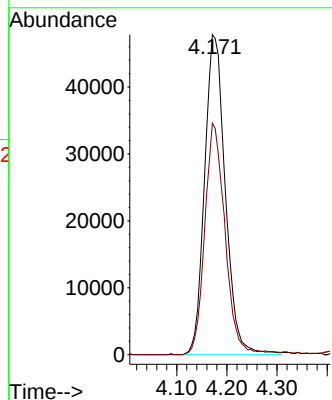
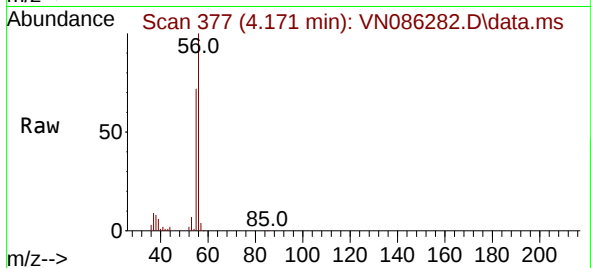
55 70.6 58.5 87.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/16/2025

Supervised By :Semsettin Yesilyurt 04/16/2025



#14

Allyl chloride

Concen: 91.225 ug/l

RT: 5.018 min Scan# 521

Delta R.T. -0.006 min

Lab File: VN086282.D

Acq: 15 Apr 2025 14:29

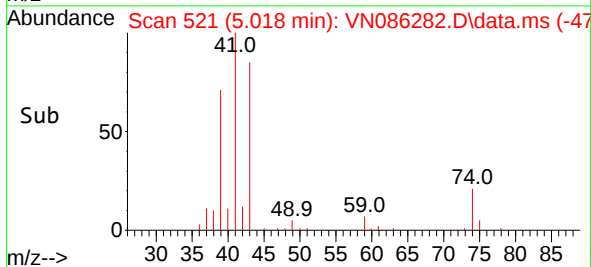
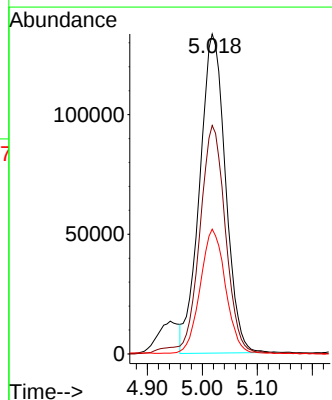
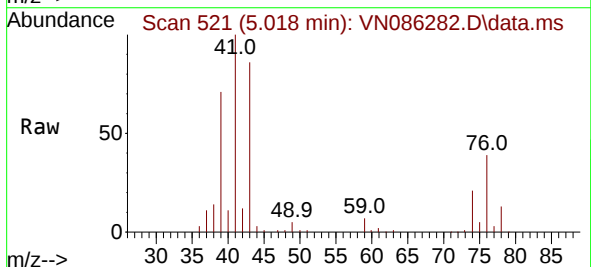
Tgt Ion: 41 Resp: 435112

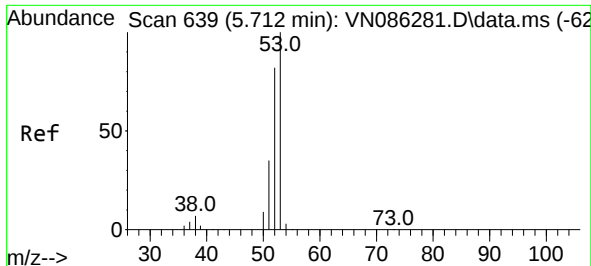
Ion Ratio Lower Upper

41 100

39 72.5 59.2 88.8

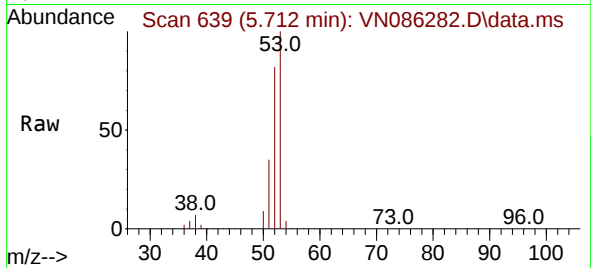
76 38.0 31.2 46.8





#15
Acrylonitrile
Concen: 478.368 ug/l
RT: 5.712 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN086282.D
Acq: 15 Apr 2025 14:29

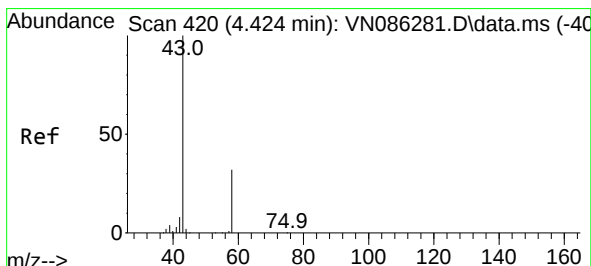
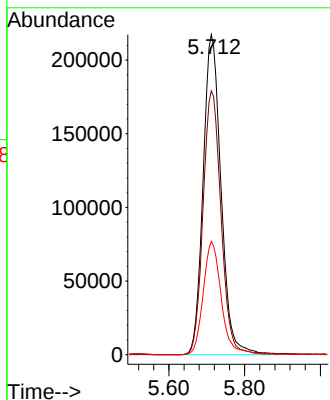
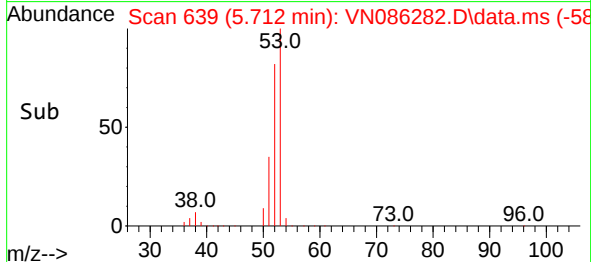
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion: 53 Resp: 713644
Ion Ratio Lower Upper
53 100
52 82.8 65.5 98.3
51 35.8 28.6 42.8

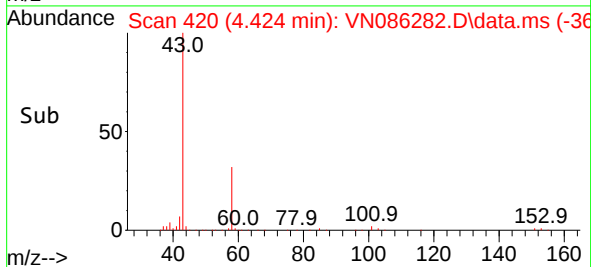
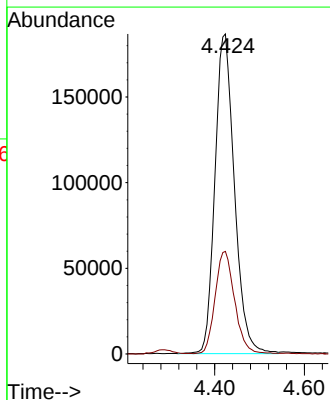
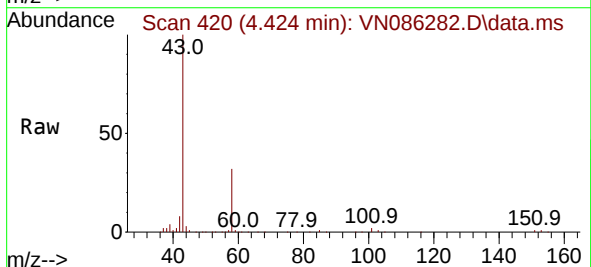
Manual Integrations
APPROVED

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



#16
Acetone
Concen: 498.290 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN086282.D
Acq: 15 Apr 2025 14:29

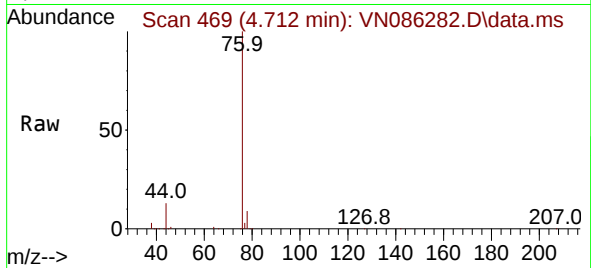
Tgt Ion: 43 Resp: 563323
Ion Ratio Lower Upper
43 100
58 31.9 25.3 37.9





#17
Carbon Disulfide
Concen: 85.294 ug/l
RT: 4.712 min Scan# 469
Delta R.T. -0.000 min
Lab File: VN086282.D
Acq: 15 Apr 2025 14:29

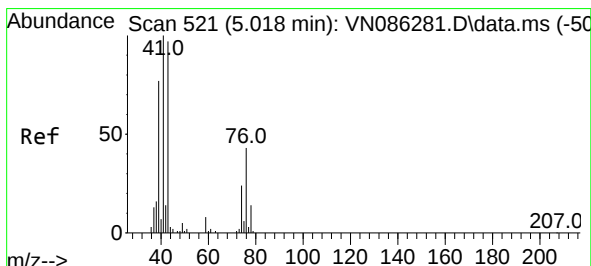
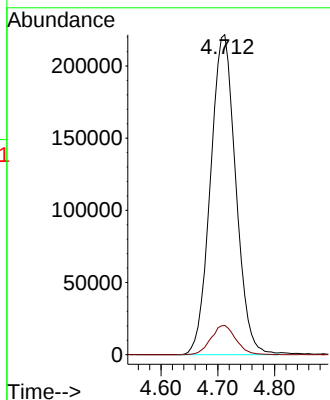
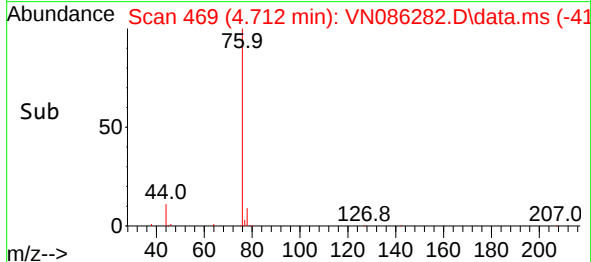
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



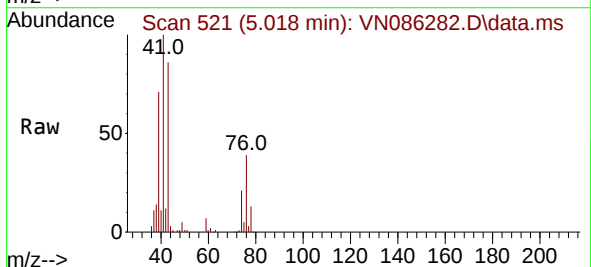
Tgt Ion: 76 Resp: 685619
Ion Ratio Lower Upper
76 100
78 9.1 7.6 11.4

Manual Integrations
APPROVED

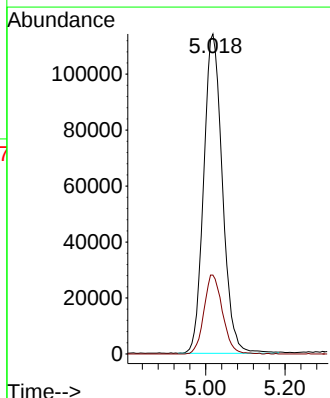
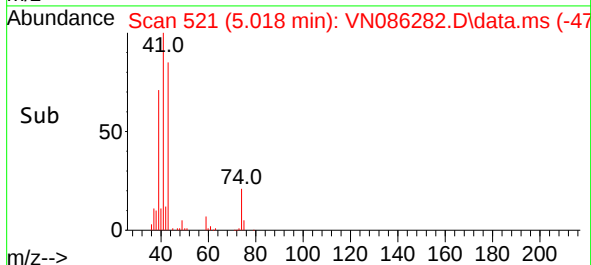
Reviewed By :John Carlone 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025

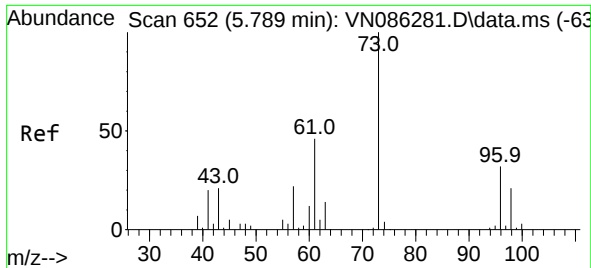


#18
Methyl Acetate
Concen: 94.410 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.000 min
Lab File: VN086282.D
Acq: 15 Apr 2025 14:29



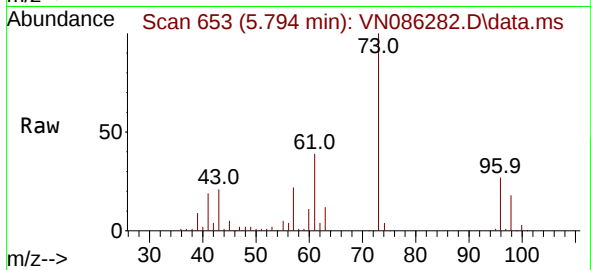
Tgt Ion: 43 Resp: 374831
Ion Ratio Lower Upper
43 100
74 24.4 19.8 29.6





#19
Methyl tert-butyl Ether
Concen: 93.089 ug/l
RT: 5.794 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN086282.D
Acq: 15 Apr 2025 14:29

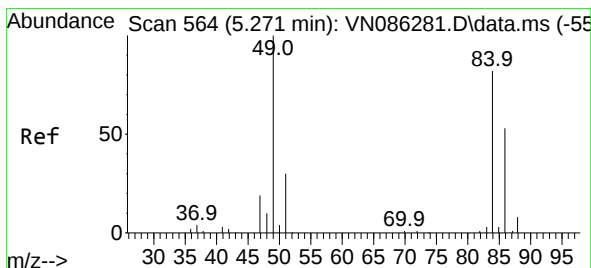
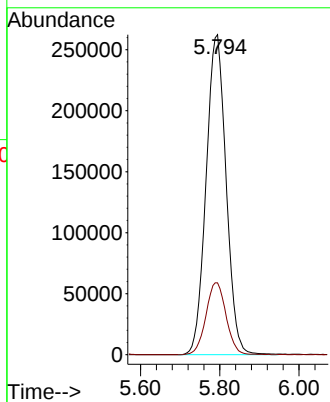
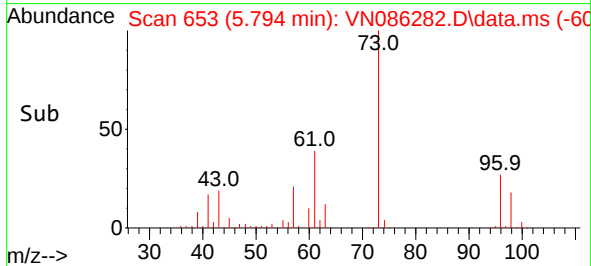
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



Tgt Ion: 73 Resp: 918634
Ion Ratio Lower Upper
73 100
57 22.5 17.6 26.4

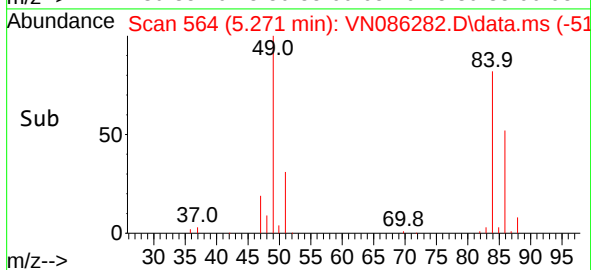
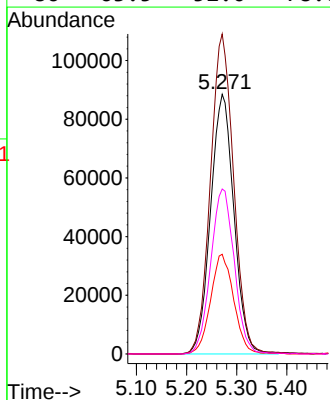
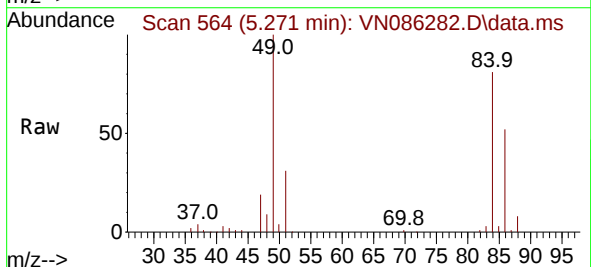
Manual Integrations
APPROVED

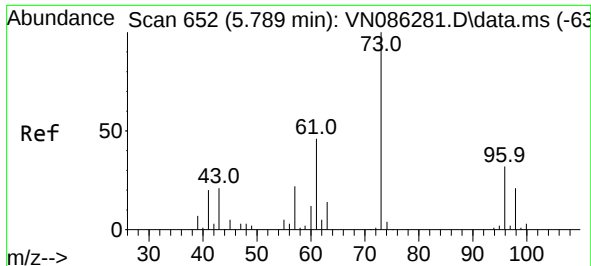
Reviewed By :John Carlone 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025



#20
Methylene Chloride
Concen: 93.774 ug/l
RT: 5.271 min Scan# 564
Delta R.T. -0.000 min
Lab File: VN086282.D
Acq: 15 Apr 2025 14:29

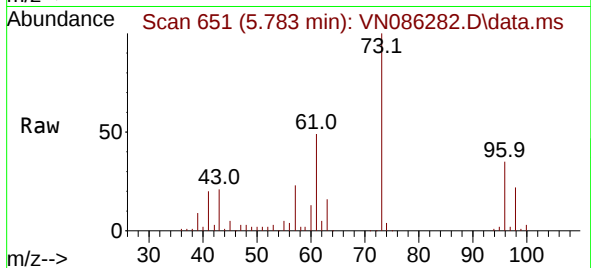
Tgt Ion: 84 Resp: 286733
Ion Ratio Lower Upper
84 100
49 123.2 98.2 147.2
51 38.4 29.8 44.6
86 63.5 52.0 78.0





#21
trans-1,2-Dichloroethene
Concen: 94.241 ug/l
RT: 5.783 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN086282.D
Acq: 15 Apr 2025 14:29

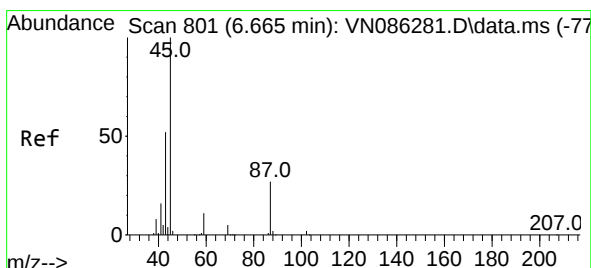
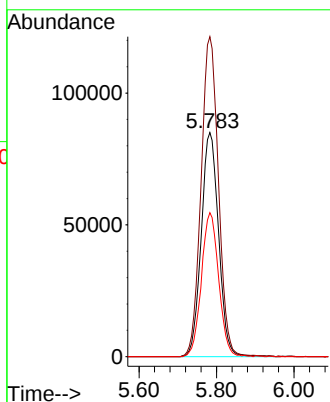
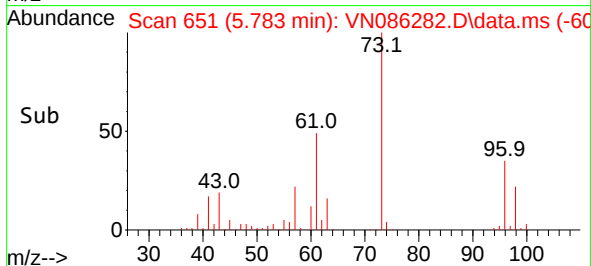
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion: 96 Resp: 264504
Ion Ratio Lower Upper
96 100
61 142.8 114.6 171.8
98 64.3 51.2 76.8

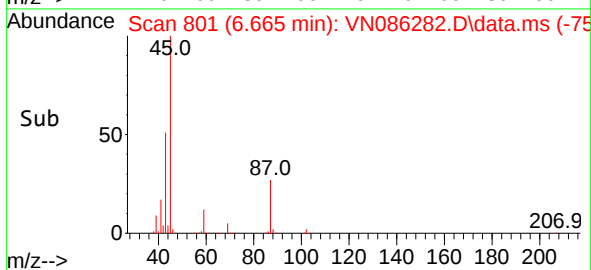
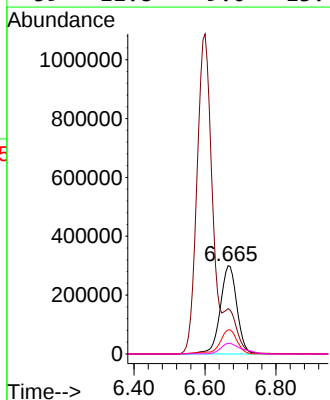
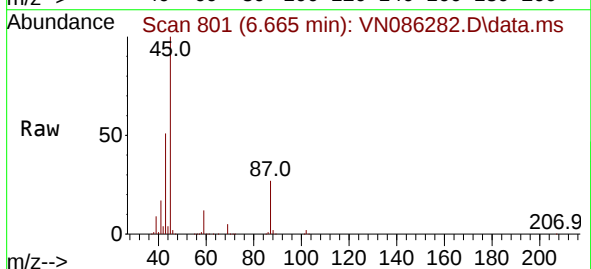
Manual Integrations
APPROVED

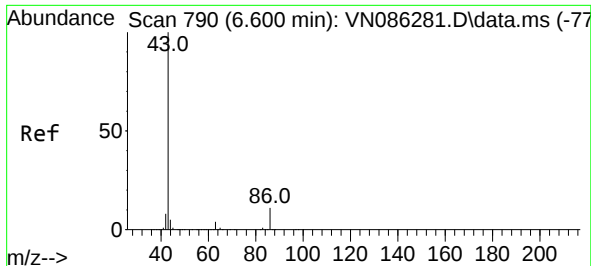
Reviewed By :John Carlone 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025



#22
Diisopropyl ether
Concen: 93.497 ug/l
RT: 6.665 min Scan# 801
Delta R.T. -0.000 min
Lab File: VN086282.D
Acq: 15 Apr 2025 14:29

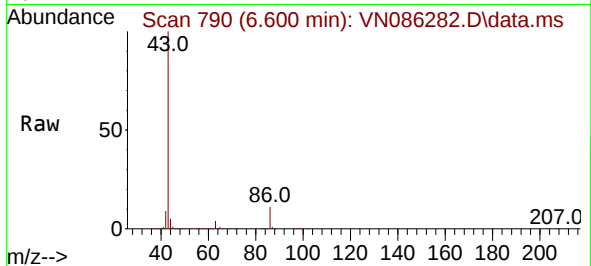
Tgt Ion: 45 Resp: 970652
Ion Ratio Lower Upper
45 100
43 51.2 41.8 62.8
87 27.4 21.6 32.4
59 11.8 9.0 13.4





#23
 Vinyl Acetate
 Concen: 438.915 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. -0.000 min
 Lab File: VN086282.D
 Acq: 15 Apr 2025 14:29

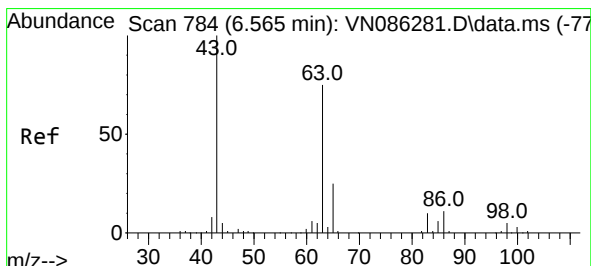
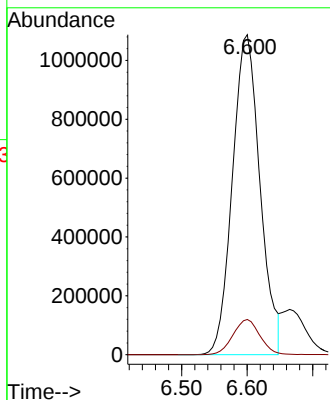
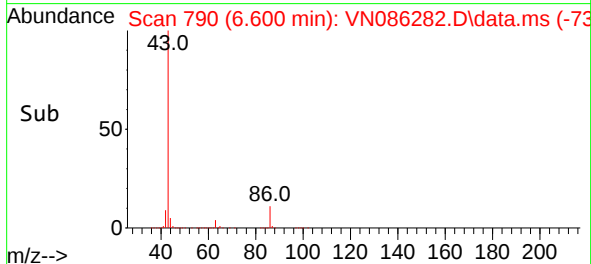
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100



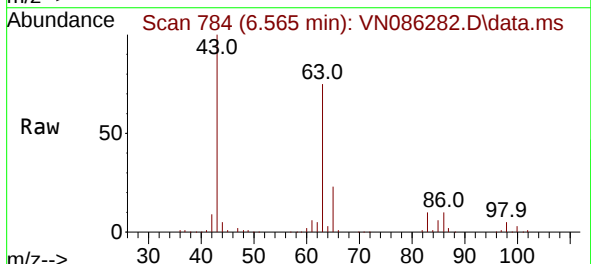
Tgt Ion: 43 Resp: 318450
 Ion Ratio Lower Upper
 43 100
 86 11.0 8.6 13.0

Manual Integrations
 APPROVED

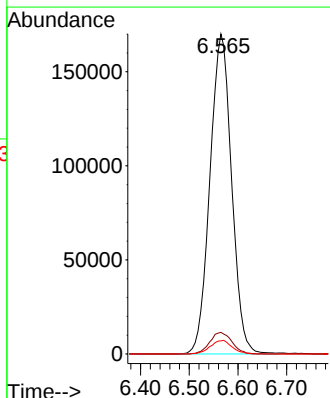
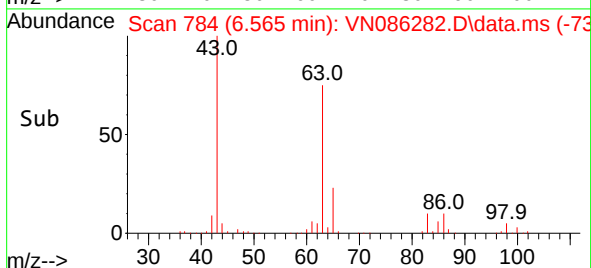
Reviewed By :John Carlone 04/16/2025
 Supervised By :Semsettin Yesilyurt 04/16/2025



#24
 1,1-Dichloroethane
 Concen: 95.914 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. -0.000 min
 Lab File: VN086282.D
 Acq: 15 Apr 2025 14:29



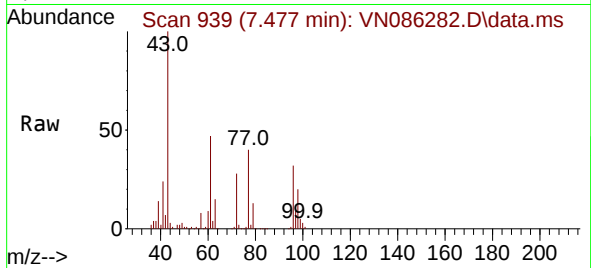
Tgt Ion: 63 Resp: 525385
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.4 10.2
 100 4.1 2.1 6.5





#25
2-Butanone
Concen: 465.437 ug/l
RT: 7.477 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN086282.D
Acq: 15 Apr 2025 14:29

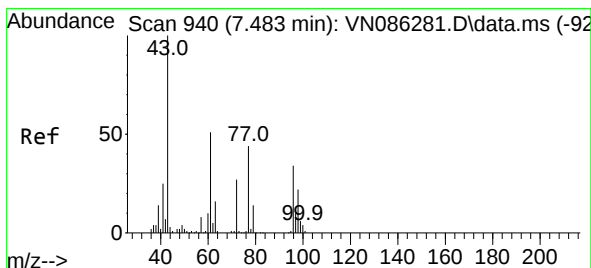
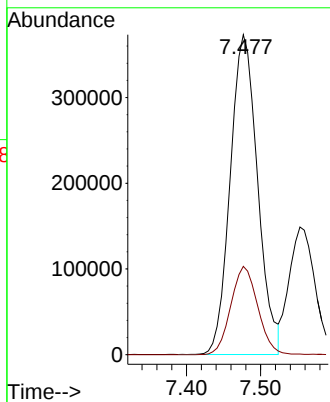
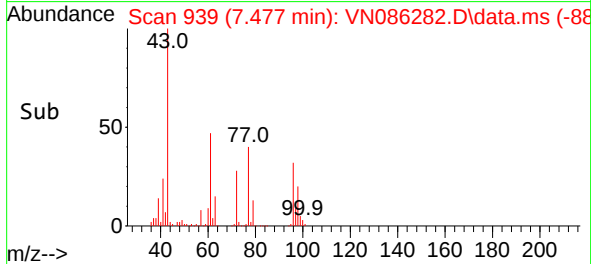
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



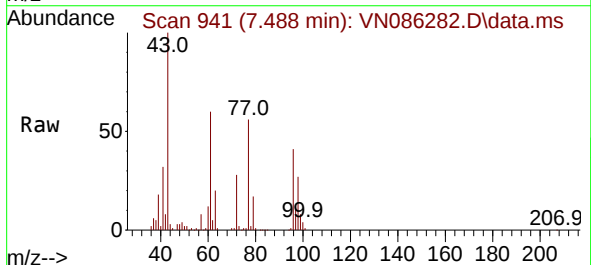
Tgt Ion: 43 Resp: 95821
Ion Ratio Lower Upper
43 100
72 27.6 21.7 32.5

Manual Integrations
APPROVED

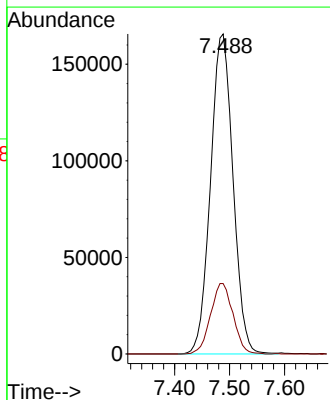
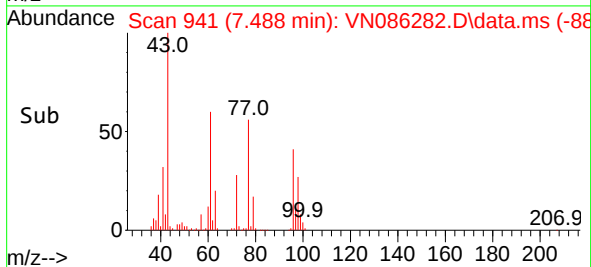
Reviewed By :John Carlone 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025

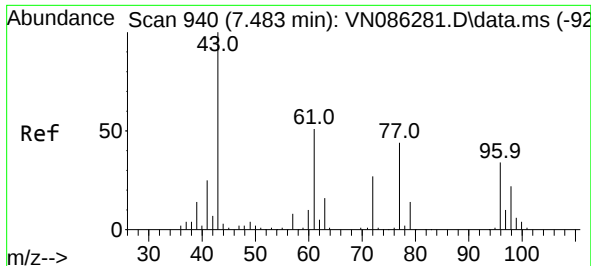


#26
2,2-Dichloropropane
Concen: 96.005 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN086282.D
Acq: 15 Apr 2025 14:29



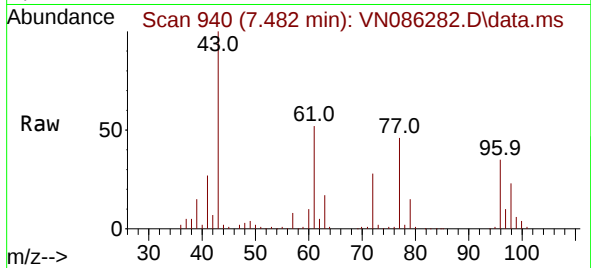
Tgt Ion: 77 Resp: 470852
Ion Ratio Lower Upper
77 100
97 22.0 11.2 33.5





#27
 cis-1,2-Dichloroethene
 Concen: 94.252 ug/l
 RT: 7.482 min Scan# 940
 Delta R.T. -0.000 min
 Lab File: VN086282.D
 Acq: 15 Apr 2025 14:29

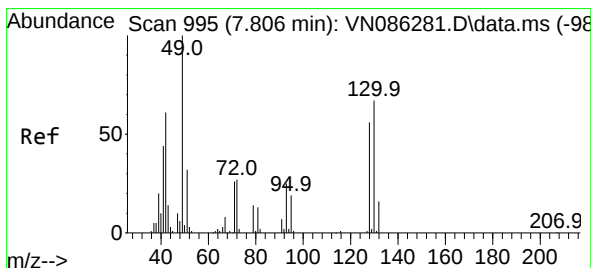
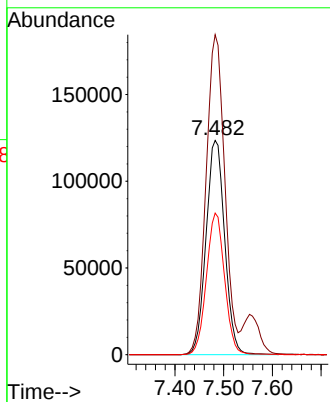
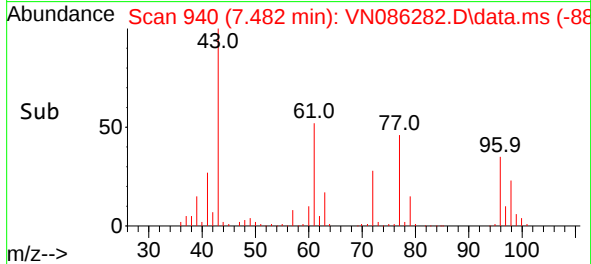
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC100



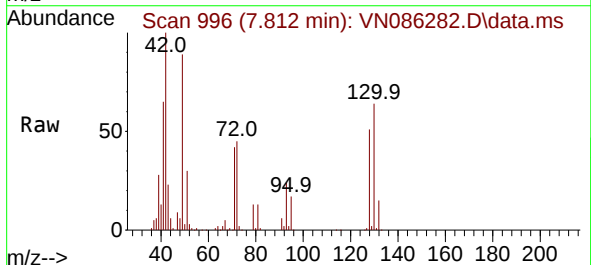
Tgt Ion: 96 Resp: 328329
 Ion Ratio Lower Upper
 96 100
 61 149.2 0.0 299.0
 98 64.6 0.0 129.6

Manual Integrations
 APPROVED

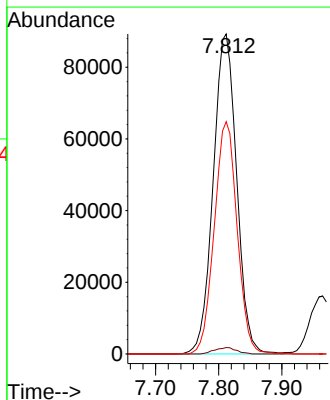
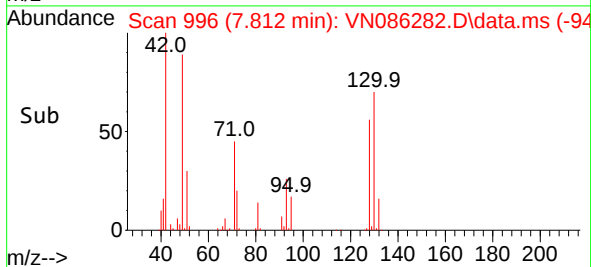
Reviewed By :John Carlone 04/16/2025
 Supervised By :Semsettin Yesilyurt 04/16/2025

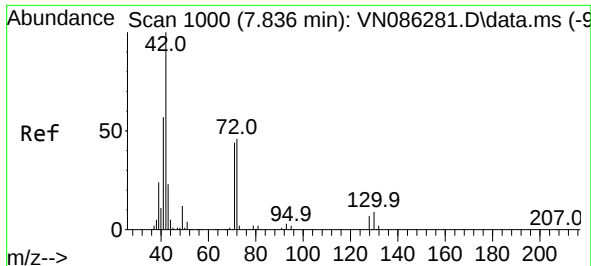


#28
 Bromochloromethane
 Concen: 99.357 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. 0.006 min
 Lab File: VN086282.D
 Acq: 15 Apr 2025 14:29



Tgt Ion: 49 Resp: 230762
 Ion Ratio Lower Upper
 49 100
 129 1.9 0.0 3.4
 130 70.7 57.1 85.7





#29

Tetrahydrofuran

Concen: 453.130 ug/l

RT: 7.835 min Scan# 1000

Delta R.T. -0.000 min

Lab File: VN086282.D

Acq: 15 Apr 2025 14:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

Tgt Ion: 42 Resp: 62382

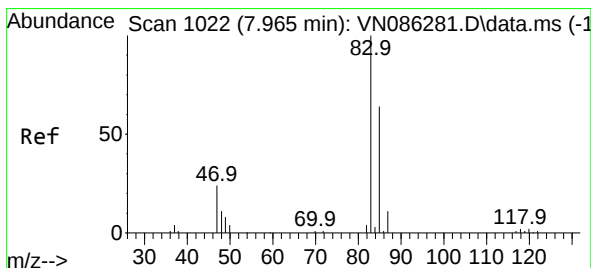
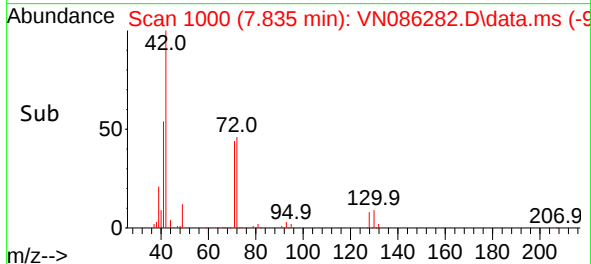
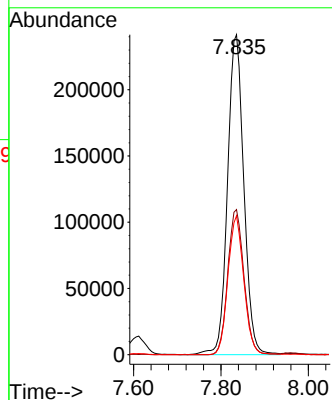
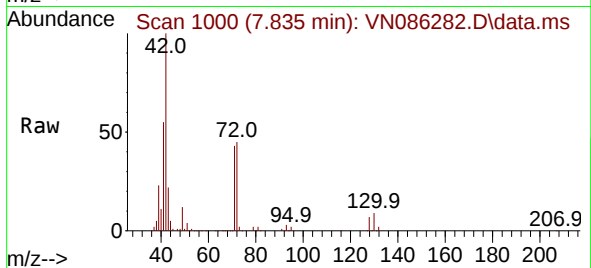
Ion	Ratio	Lower	Upper
42	100		
72	45.1	36.2	54.4
71	42.2	34.0	51.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/16/2025

Supervised By :Semsettin Yesilyurt 04/16/2025



#30

Chloroform

Concen: 93.611 ug/l

RT: 7.959 min Scan# 1021

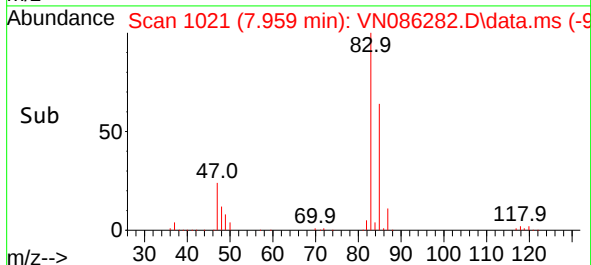
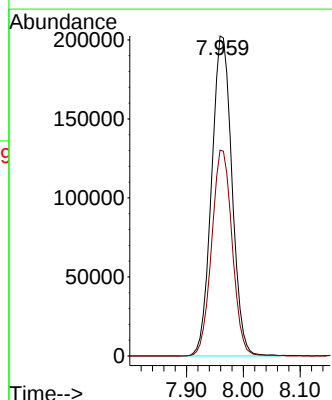
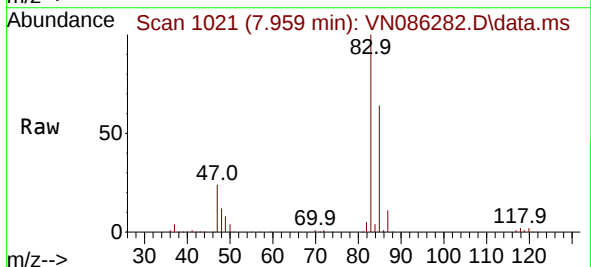
Delta R.T. -0.006 min

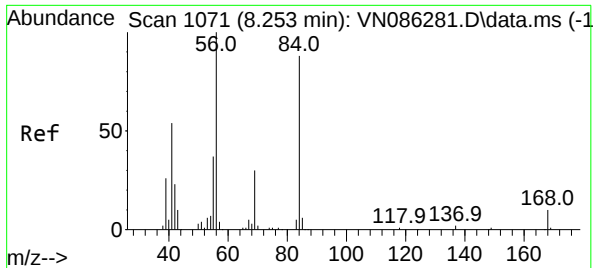
Lab File: VN086282.D

Acq: 15 Apr 2025 14:29

Tgt Ion: 83 Resp: 503712

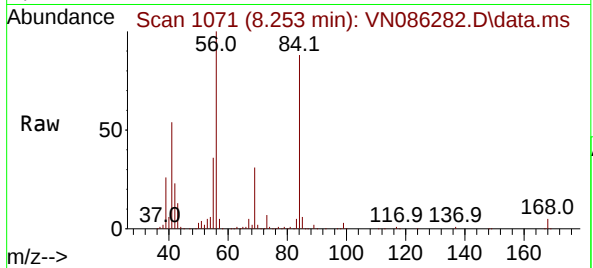
Ion	Ratio	Lower	Upper
83	100		
85	64.3	51.5	77.3





#31
Cyclohexane
Concen: 90.418 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. -0.000 min
Lab File: VN086282.D
Acq: 15 Apr 2025 14:29

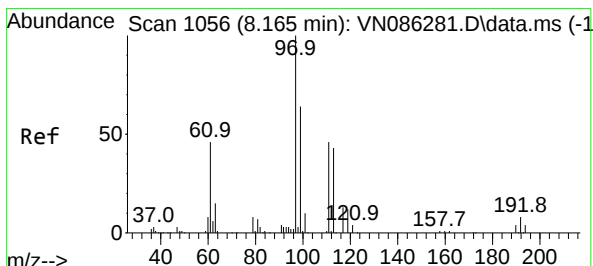
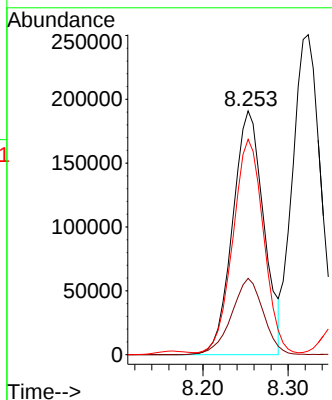
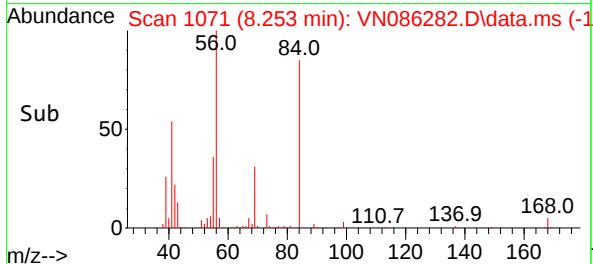
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



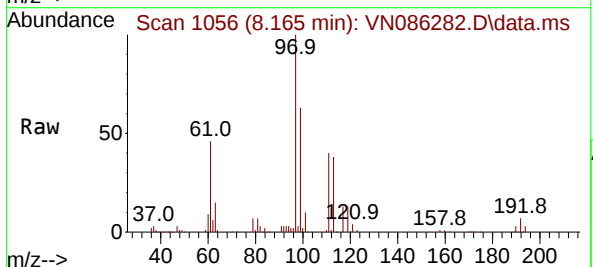
Tgt Ion: 56 Resp: 484648
Ion Ratio Lower Upper
56 100
69 31.3 24.2 36.2
84 87.0 70.3 105.5

Manual Integrations
APPROVED

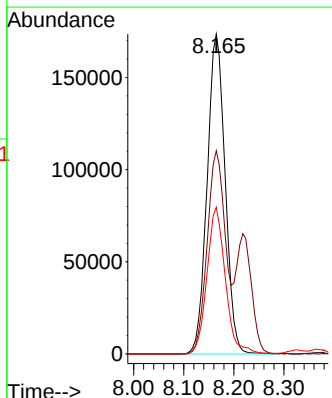
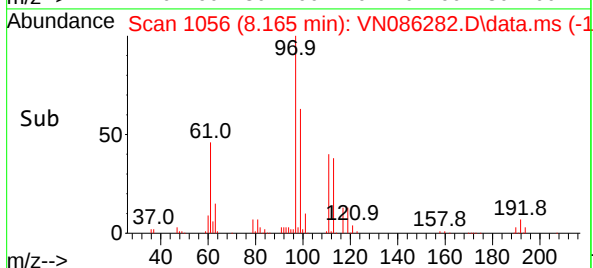
Reviewed By :John Carlone 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025



#32
1,1,1-Trichloroethane
Concen: 94.058 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN086282.D
Acq: 15 Apr 2025 14:29



Tgt Ion: 97 Resp: 432964
Ion Ratio Lower Upper
97 100
99 63.8 52.7 79.1
61 46.9 39.5 59.3





#33

1,2-Dichloroethane-d4

Concen: 97.633 ug/l

RT: 8.571 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VN086282.D

Acq: 15 Apr 2025 14:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

Tgt Ion: 65 Resp: 322920

Ion Ratio Lower Upper

65 100

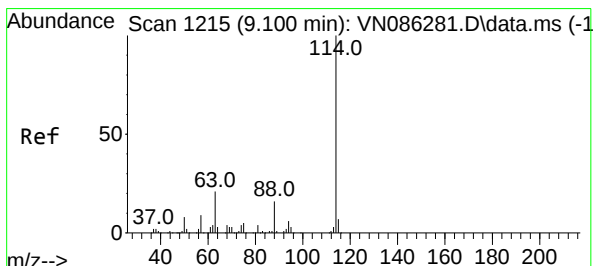
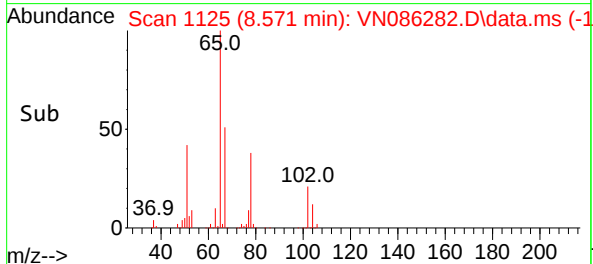
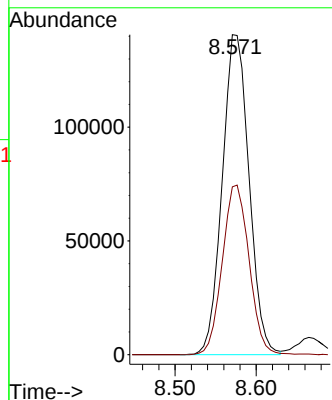
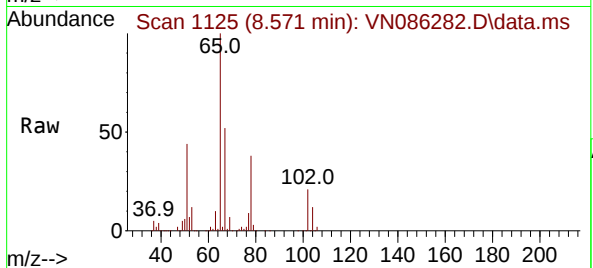
67 53.1 0.0 106.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/16/2025

Supervised By :Semsettin Yesilyurt 04/16/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.000 min

Lab File: VN086282.D

Acq: 15 Apr 2025 14:29

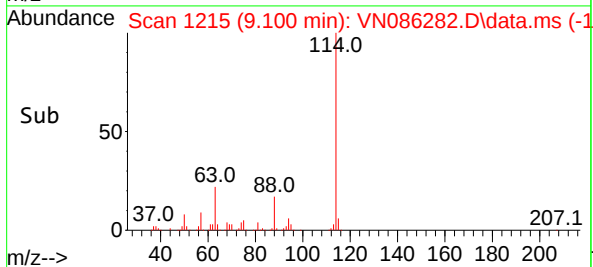
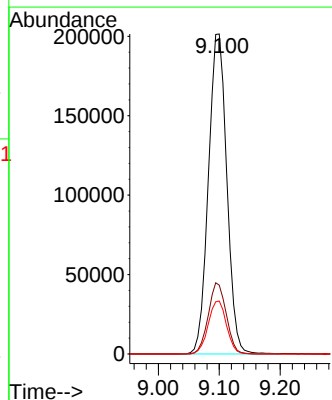
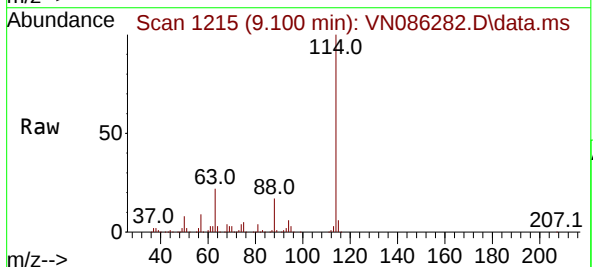
Tgt Ion:114 Resp: 422902

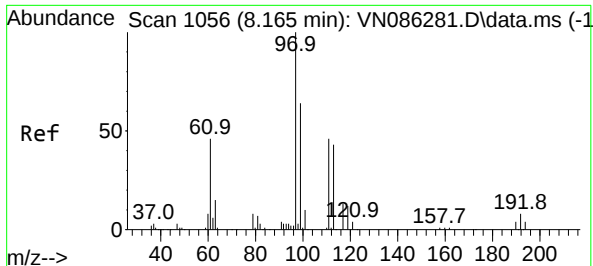
Ion Ratio Lower Upper

114 100

63 21.5 0.0 42.6

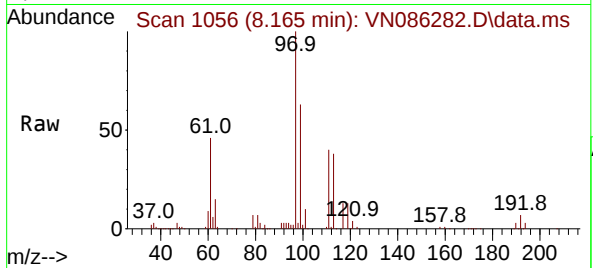
88 16.5 0.0 31.8





#35
Dibromofluoromethane
Concen: 83.402 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN086282.D
Acq: 15 Apr 2025 14:29

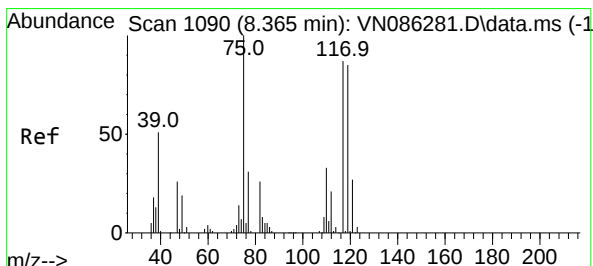
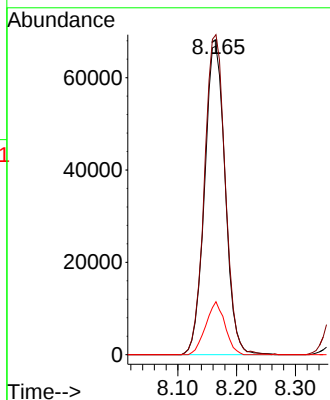
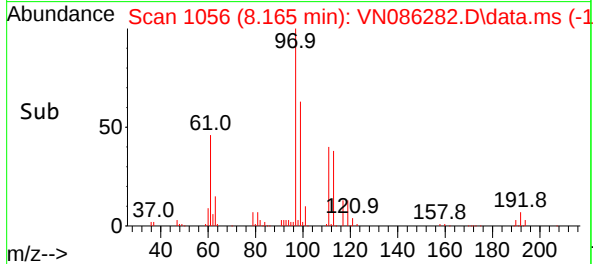
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion:113 Resp: 163690
Ion Ratio Lower Upper
113 100
111 103.9 83.4 125.0
192 16.0 13.7 20.5

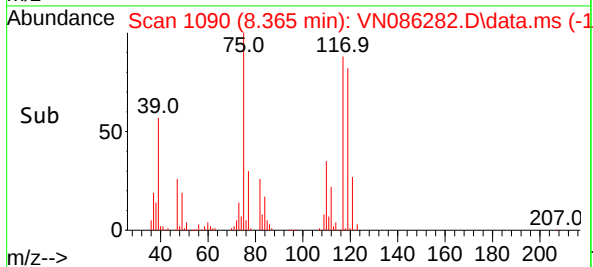
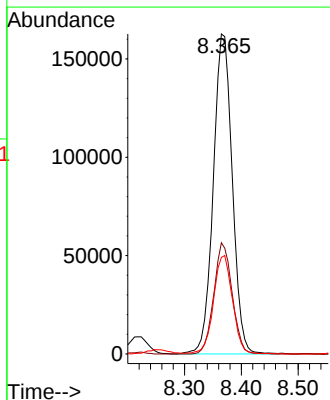
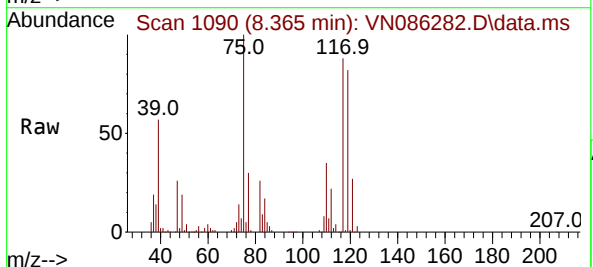
Manual Integrations
APPROVED

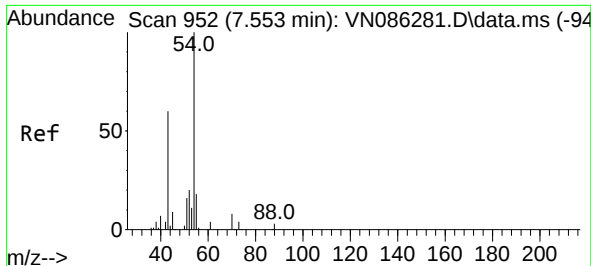
Reviewed By :John Carlone 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025



#36
1,1-Dichloropropene
Concen: 96.591 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VN086282.D
Acq: 15 Apr 2025 14:29

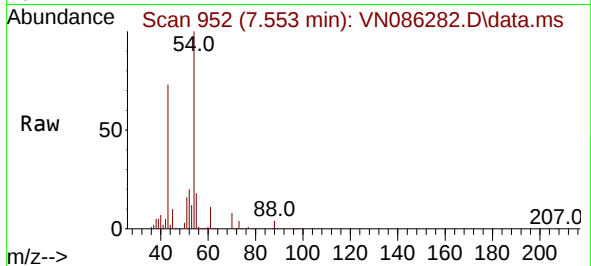
Tgt Ion: 75 Resp: 378663
Ion Ratio Lower Upper
75 100
110 33.5 16.8 50.4
77 30.8 24.9 37.3





#37
Ethyl Acetate
Concen: 89.962 ug/l
RT: 7.553 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN086282.D
Acq: 15 Apr 2025 14:29

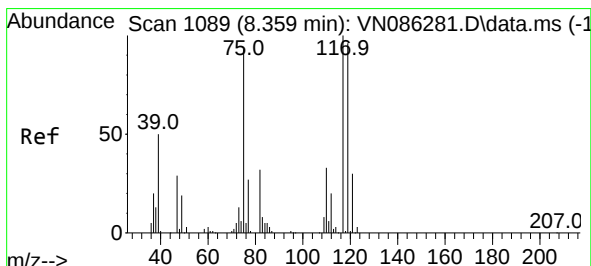
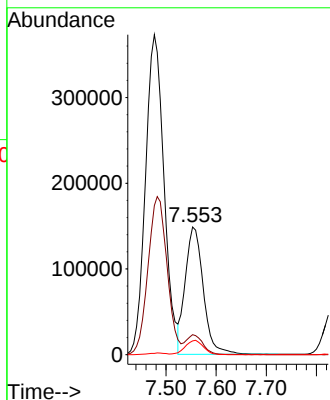
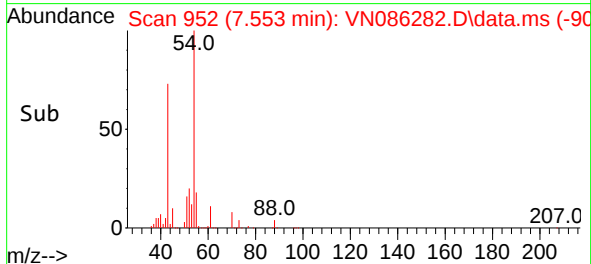
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



Tgt Ion: 43 Resp: 371298
Ion Ratio Lower Upper
43 100
61 13.8 11.1 16.7
70 11.4 9.2 13.8

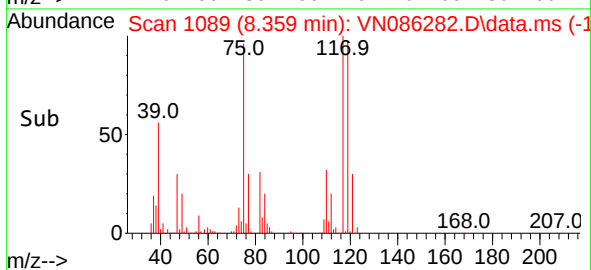
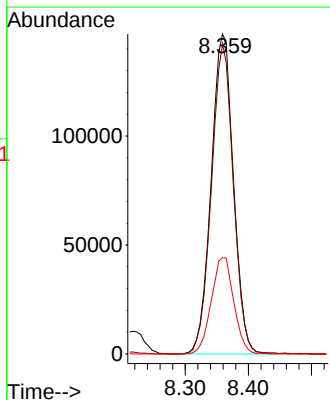
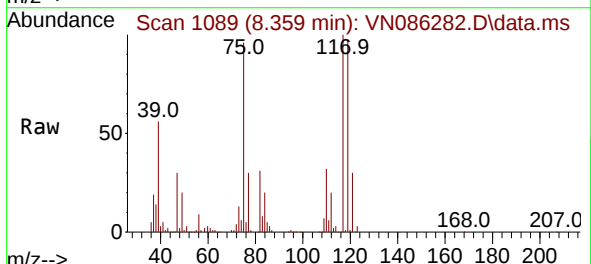
Manual Integrations
APPROVED

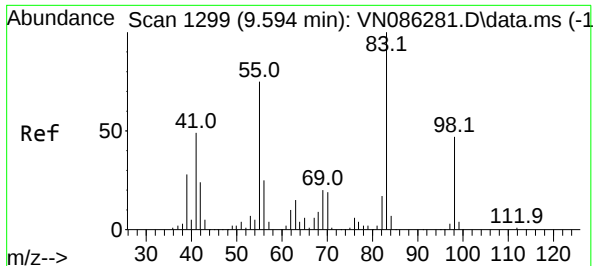
Reviewed By :John Carlone 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025



#38
Carbon Tetrachloride
Concen: 96.450 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VN086282.D
Acq: 15 Apr 2025 14:29

Tgt Ion:117 Resp: 360081
Ion Ratio Lower Upper
117 100
119 96.9 76.8 115.2
121 30.1 23.8 35.8





#39

Methylcyclohexane

Concen: 96.325 ug/l

RT: 9.600 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VN086282.D

Acq: 15 Apr 2025 14:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

Tgt Ion: 83 Resp: 44884

Ion Ratio Lower Upper

83 100

55 76.8 59.8 89.8

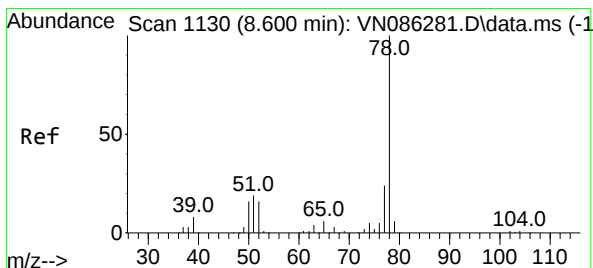
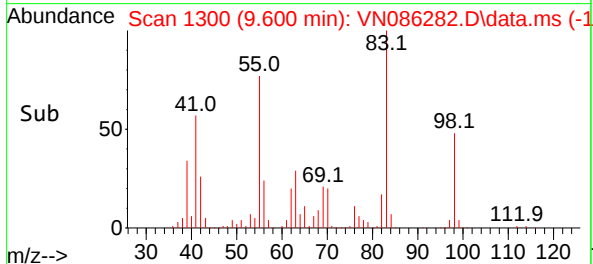
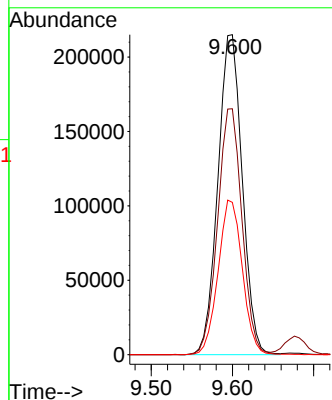
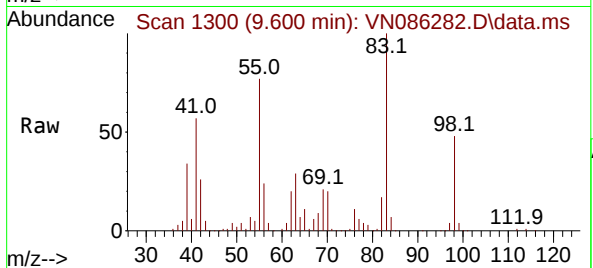
98 47.6 37.9 56.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/16/2025

Supervised By :Semsettin Yesilyurt 04/16/2025



#40

Benzene

Concen: 95.020 ug/l

RT: 8.600 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN086282.D

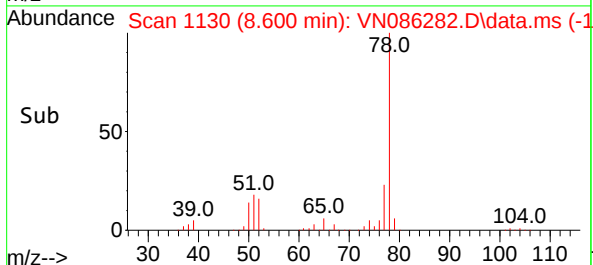
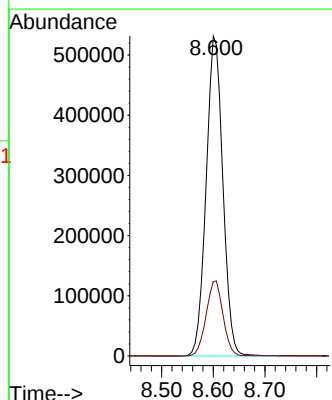
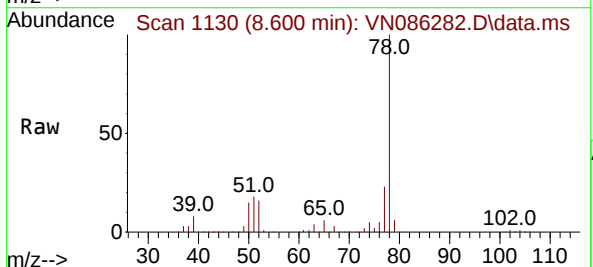
Acq: 15 Apr 2025 14:29

Tgt Ion: 78 Resp: 1193479

Ion Ratio Lower Upper

78 100

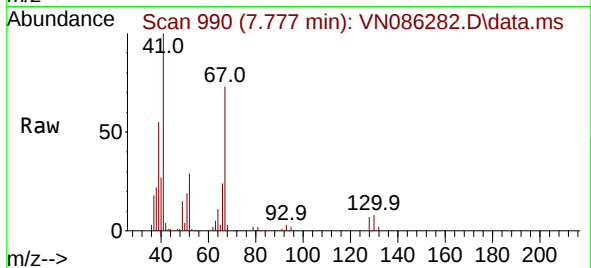
77 23.2 19.4 29.2





#41
Methacrylonitrile
Concen: 91.695 ug/l
RT: 7.777 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN086282.D
Acq: 15 Apr 2025 14:29

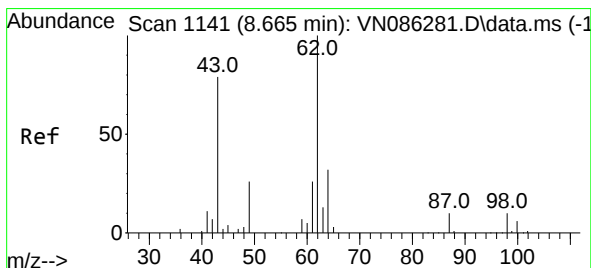
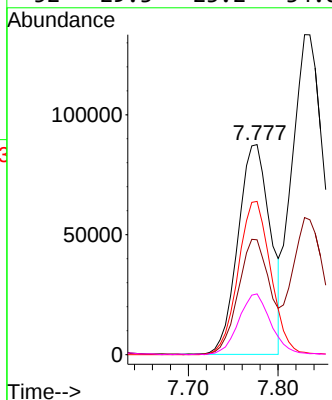
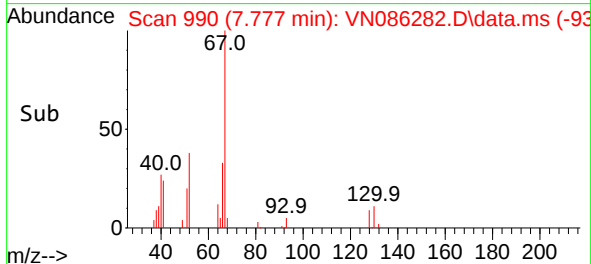
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion: 41 Resp: 21933
Ion Ratio Lower Upper
41 100
39 53.9 43.0 64.4
67 73.8 58.8 88.2
52 29.3 23.2 34.8

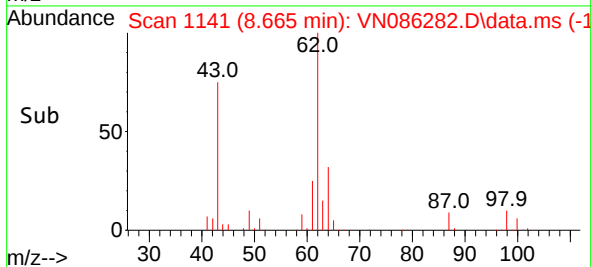
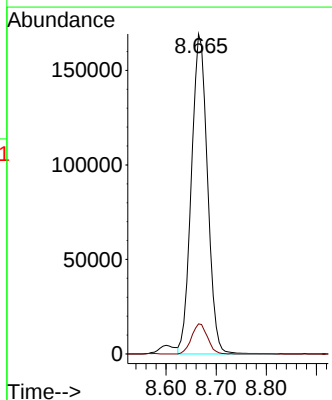
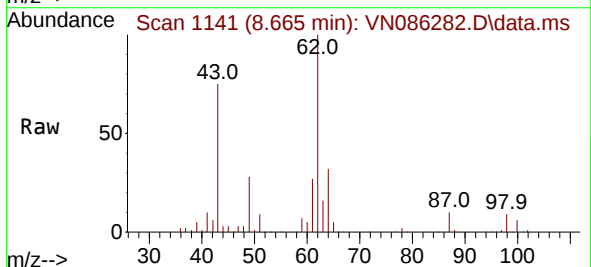
Manual Integrations
APPROVED

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



#42
1,2-Dichloroethane
Concen: 94.143 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. -0.000 min
Lab File: VN086282.D
Acq: 15 Apr 2025 14:29

Tgt Ion: 62 Resp: 377081
Ion Ratio Lower Upper
62 100
98 9.3 0.0 19.2





#43

Isopropyl Acetate

Concen: 100.085 ug/l

RT: 8.682 min Scan# 1144

Delta R.T. -0.001 min

Lab File: VN086282.D

Acq: 15 Apr 2025 14:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

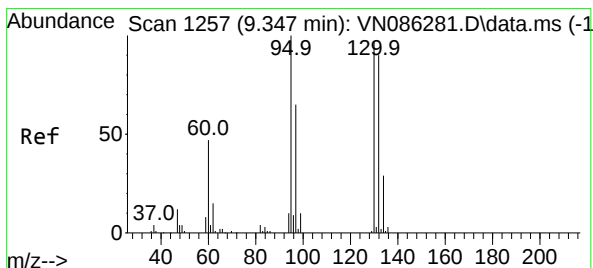
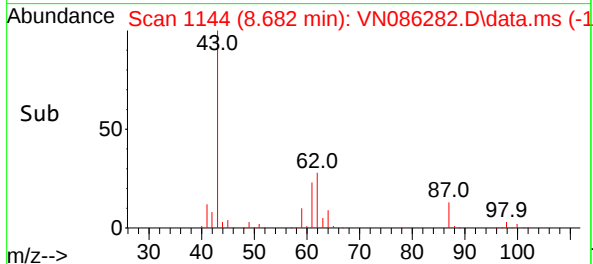
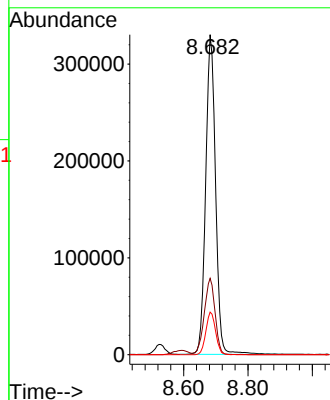
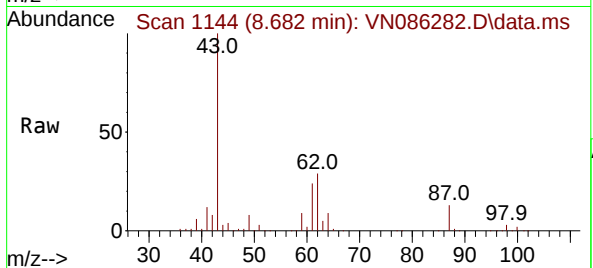
Tgt Ion:	43	Resp:	704184
Ion	Ratio	Lower	Upper
43	100		
61	25.8	20.5	30.7
87	13.1	10.5	15.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/16/2025

Supervised By :Semsettin Yesilyurt 04/16/2025



#44

Trichloroethene

Concen: 97.020 ug/l

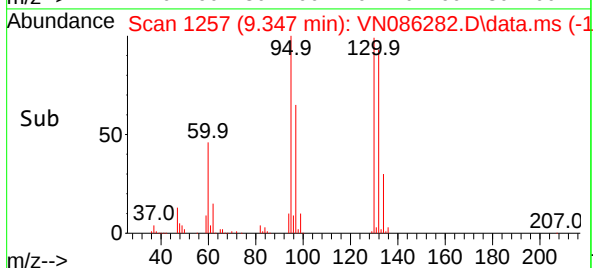
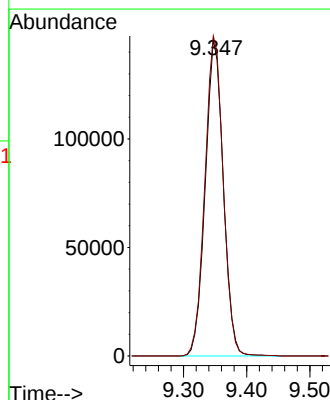
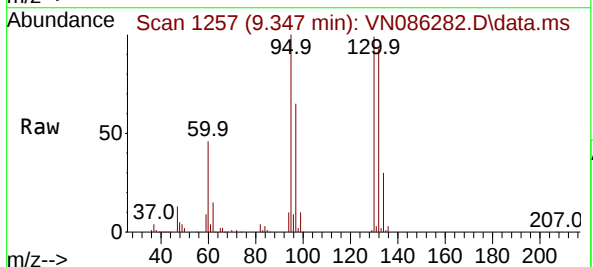
RT: 9.347 min Scan# 1257

Delta R.T. -0.000 min

Lab File: VN086282.D

Acq: 15 Apr 2025 14:29

Tgt Ion:	130	Resp:	288832
Ion	Ratio	Lower	Upper
130	100		
95	101.1	0.0	207.2





#45

1,2-Dichloropropane

Concen: 95.501 ug/l

RT: 9.618 min Scan# 1303

Delta R.T. -0.000 min

Lab File: VN086282.D

Acq: 15 Apr 2025 14:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

Tgt Ion: 63 Resp: 29362

Ion Ratio Lower Upper

63 100

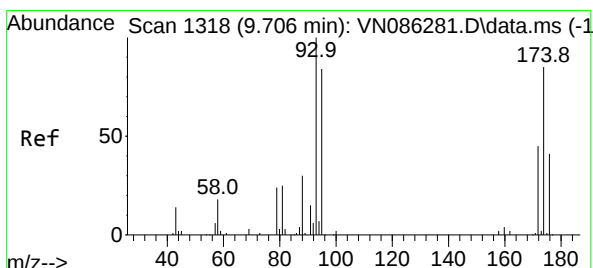
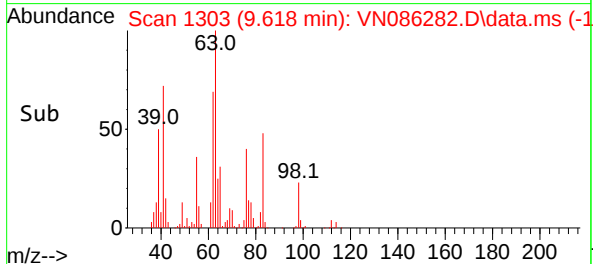
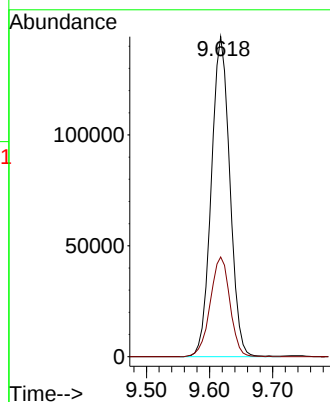
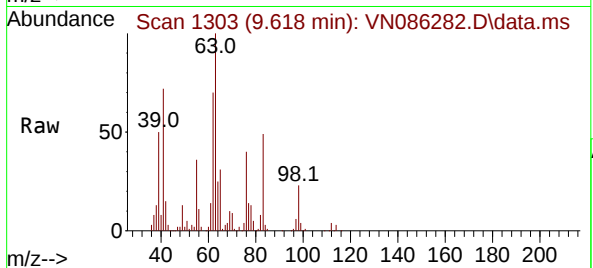
65 31.2 25.4 38.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/16/2025

Supervised By :Semsettin Yesilyurt 04/16/2025



#46

Dibromomethane

Concen: 97.667 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. -0.000 min

Lab File: VN086282.D

Acq: 15 Apr 2025 14:29

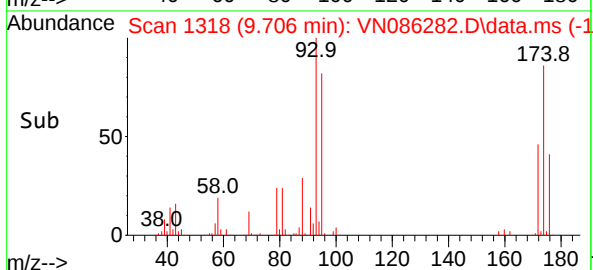
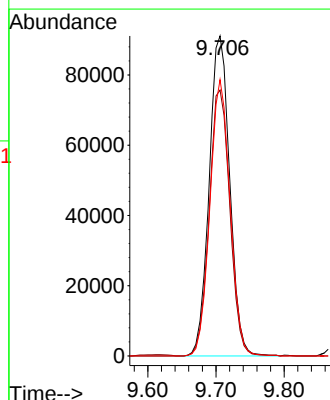
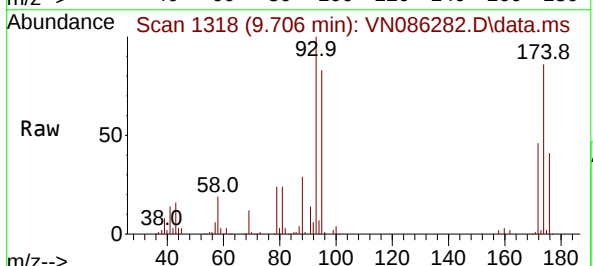
Tgt Ion: 93 Resp: 191324

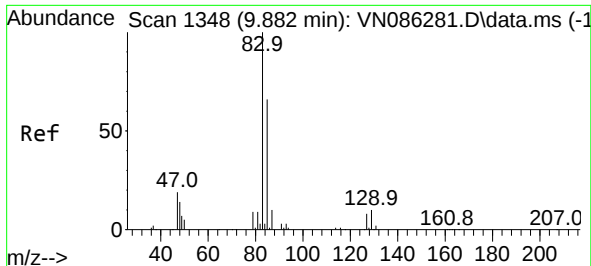
Ion Ratio Lower Upper

93 100

95 83.5 66.2 99.4

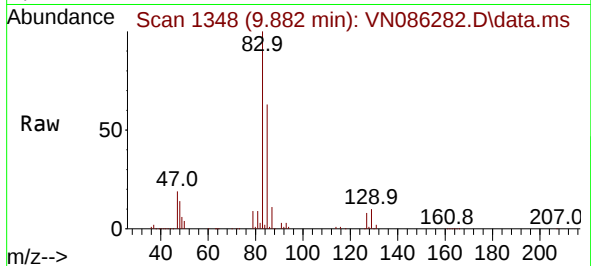
174 84.6 67.8 101.6





#47
Bromodichloromethane
Concen: 95.372 ug/l
RT: 9.882 min Scan# 1348
Delta R.T. -0.000 min
Lab File: VN086282.D
Acq: 15 Apr 2025 14:29

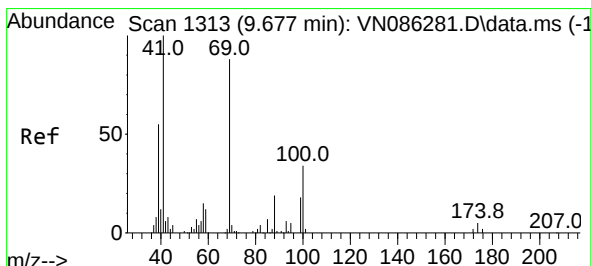
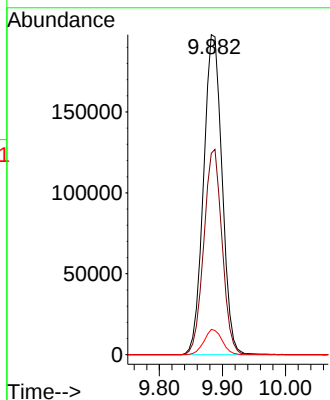
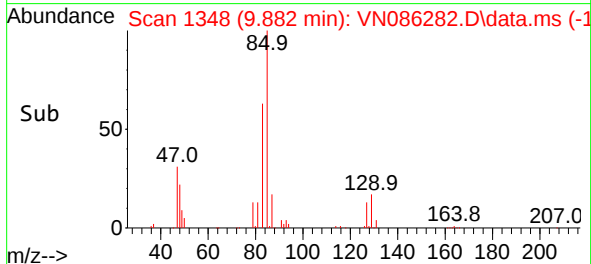
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



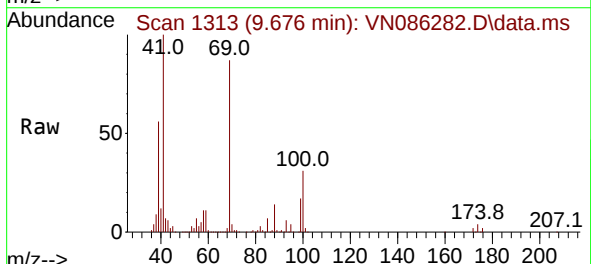
Tgt Ion: 83 Resp: 403514
Ion Ratio Lower Upper
83 100
85 63.0 52.6 78.8
127 7.9 6.1 9.1

Manual Integrations
APPROVED

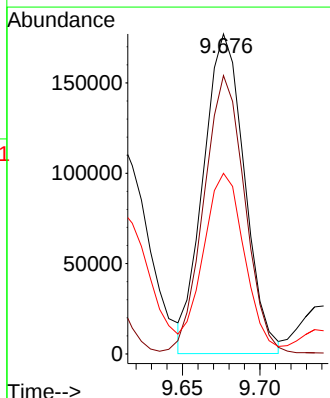
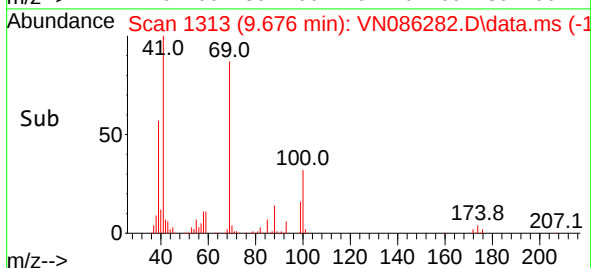
Reviewed By :John Carlone 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025

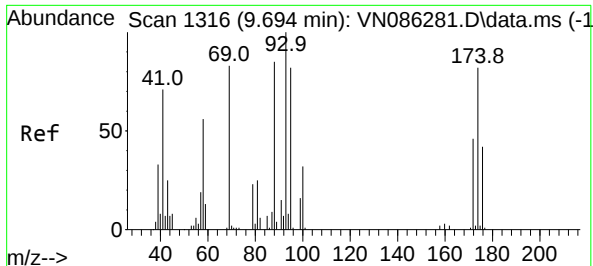


#48
Methyl methacrylate
Concen: 90.052 ug/l
RT: 9.676 min Scan# 1313
Delta R.T. -0.000 min
Lab File: VN086282.D
Acq: 15 Apr 2025 14:29



Tgt Ion: 41 Resp: 326384
Ion Ratio Lower Upper
41 100
69 87.1 68.2 102.2
39 57.0 45.2 67.8





#49

1,4-Dioxane

Concen: 1601.137 ug/l

RT: 9.688 min Scan# 1

Delta R.T. -0.006 min

Lab File: VN086282.D

Acq: 15 Apr 2025 14:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

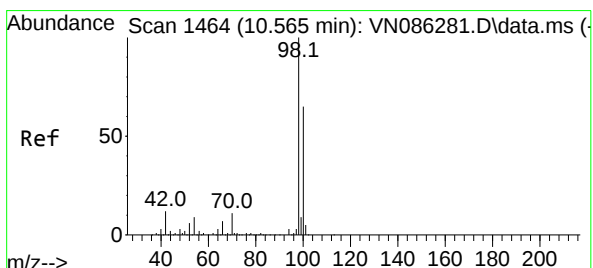
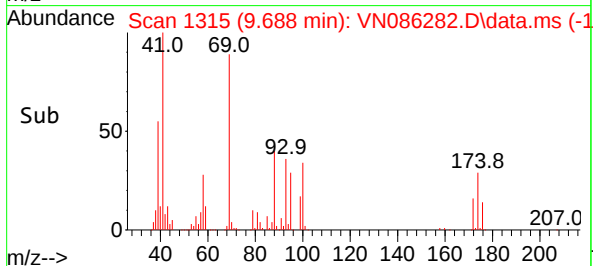
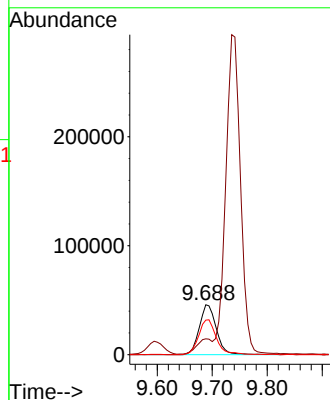
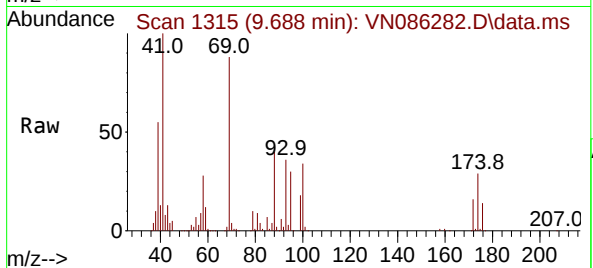
Tgt Ion:	88	Resp:	9871
Ion	Ratio	Lower	Upper
88	100		
43	27.4	23.8	35.8
58	73.1	57.4	86.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/16/2025

Supervised By :Semsettin Yesilyurt 04/16/2025



#50

Toluene-d8

Concen: 99.767 ug/l

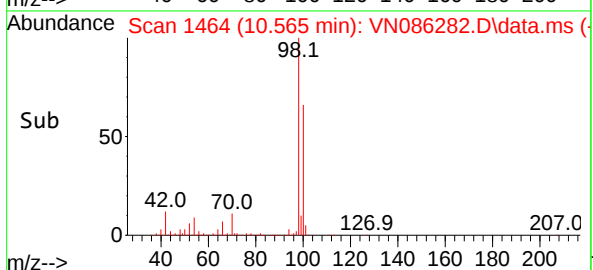
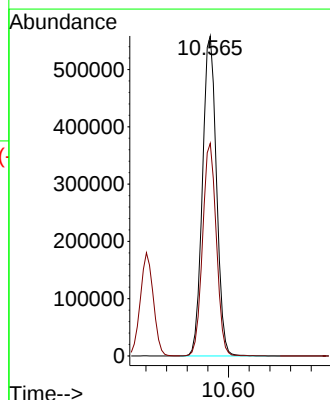
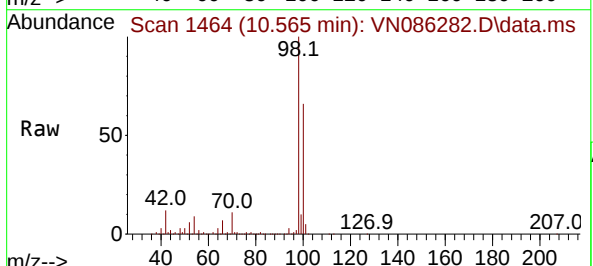
RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN086282.D

Acq: 15 Apr 2025 14:29

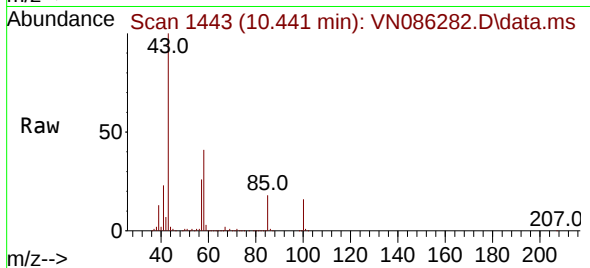
Tgt Ion:	98	Resp:	1046538
Ion	Ratio	Lower	Upper
98	100		
100	65.4	52.5	78.7





#51
4-Methyl-2-Pentanone
Concen: 470.803 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. -0.000 min
Lab File: VN086282.D
Acq: 15 Apr 2025 14:29

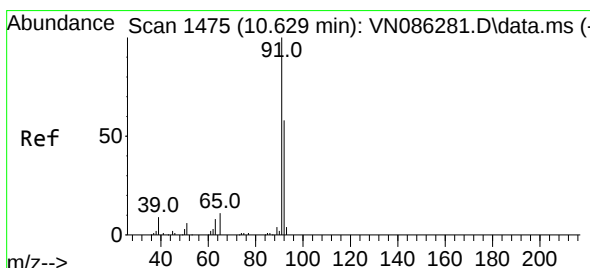
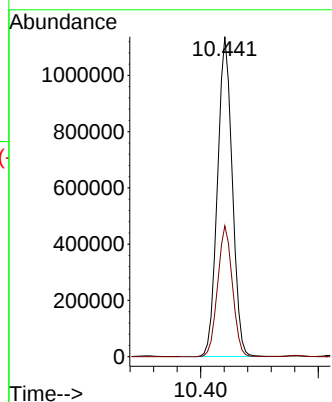
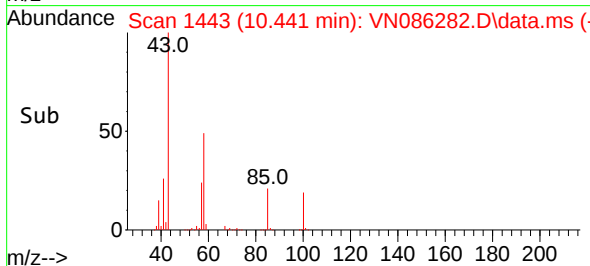
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion: 43 Resp: 198976
Ion Ratio Lower Upper
43 100
58 40.8 32.2 48.4

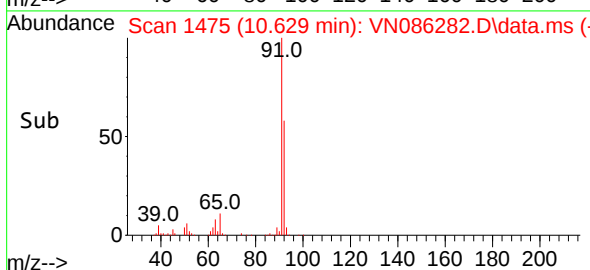
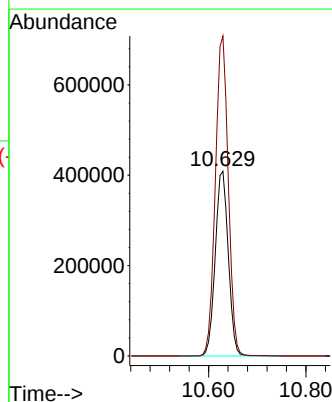
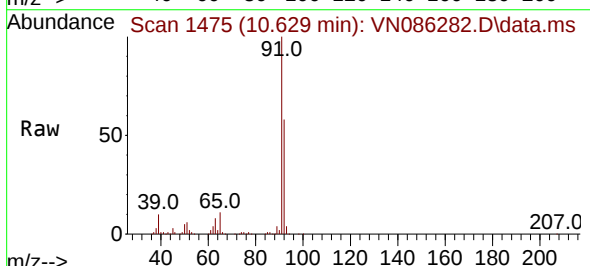
Manual Integrations
APPROVED

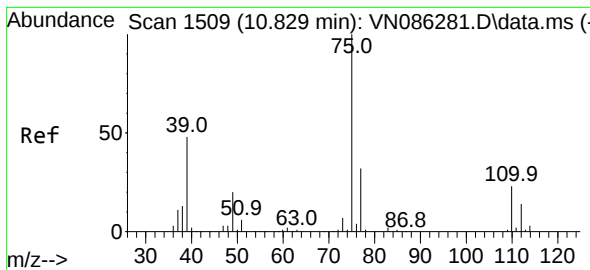
Reviewed By :John Carlone 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025



#52
Toluene
Concen: 96.592 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN086282.D
Acq: 15 Apr 2025 14:29

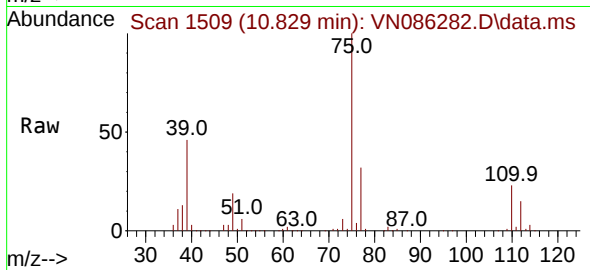
Tgt Ion: 92 Resp: 757019
Ion Ratio Lower Upper
92 100
91 171.5 137.3 205.9





#53
t-1,3-Dichloropropene
Concen: 99.248 ug/l
RT: 10.829 min Scan# 1509
Delta R.T. -0.000 min
Lab File: VN086282.D
Acq: 15 Apr 2025 14:29

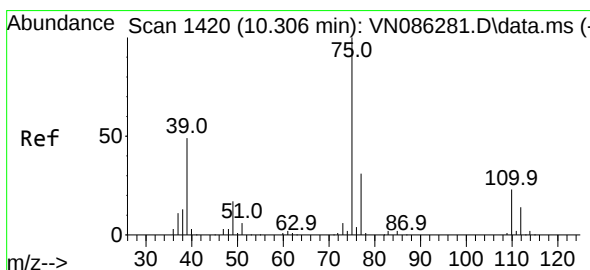
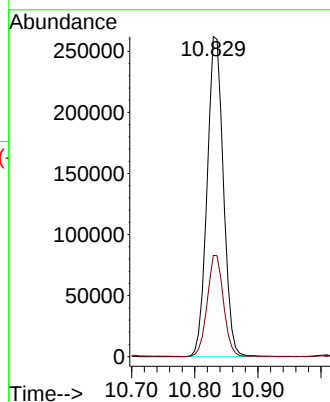
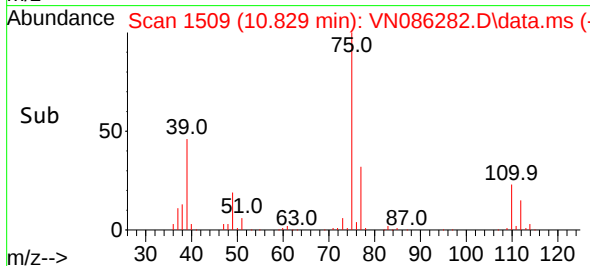
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



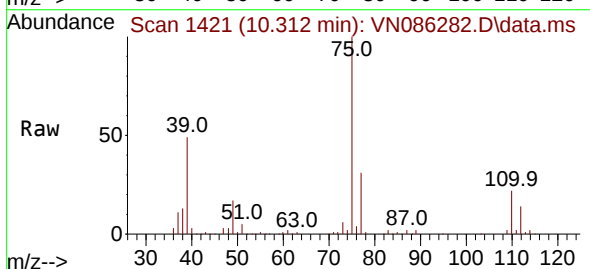
Tgt Ion: 75 Resp: 468739
Ion Ratio Lower Upper
75 100
77 31.6 25.4 38.0

Manual Integrations
APPROVED

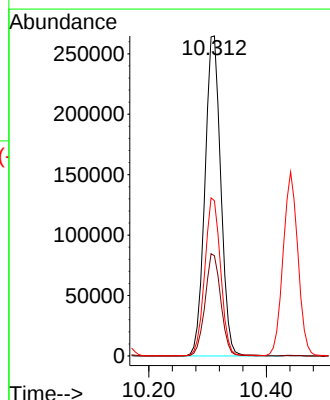
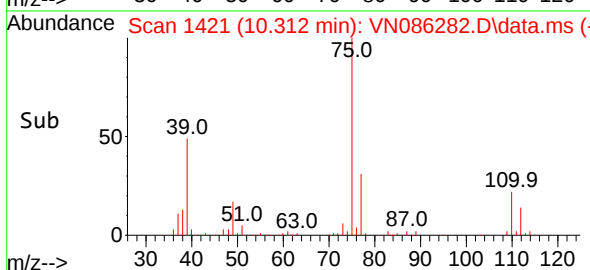
Reviewed By :John Carlone 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025

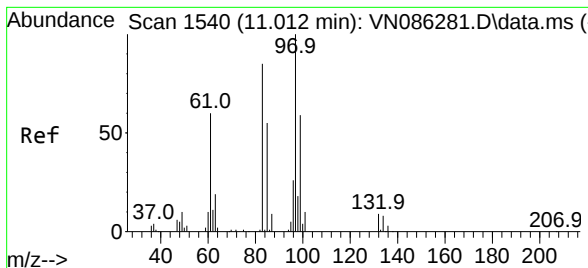


#54
cis-1,3-Dichloropropene
Concen: 95.755 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. 0.006 min
Lab File: VN086282.D
Acq: 15 Apr 2025 14:29



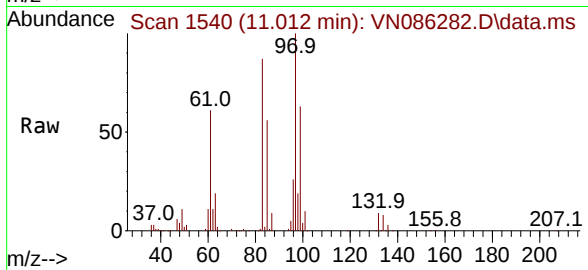
Tgt Ion: 75 Resp: 496721
Ion Ratio Lower Upper
75 100
77 31.3 25.2 37.8
39 48.4 39.3 58.9





#55
1,1,2-Trichloroethane
Concen: 93.795 ug/l
RT: 11.012 min Scan# 1540
Delta R.T. -0.000 min
Lab File: VN086282.D
Acq: 15 Apr 2025 14:29

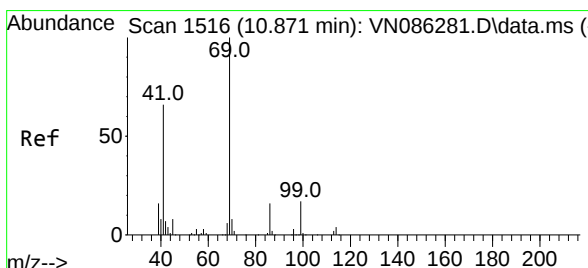
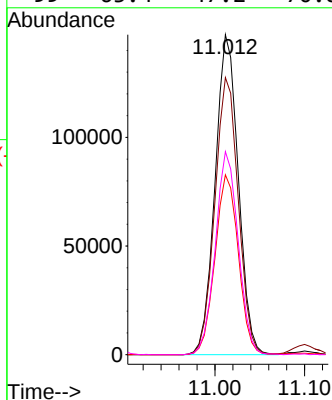
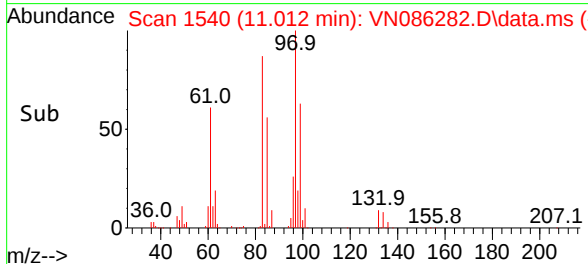
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



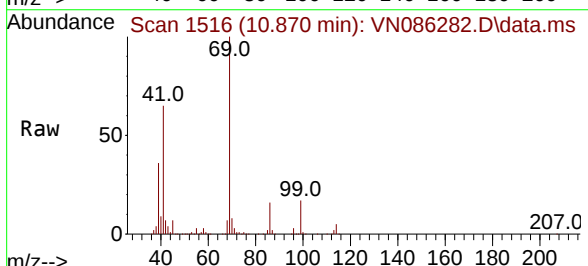
Tgt Ion: 97 Resp: 26448
Ion Ratio Lower Upper
97 100
83 86.6 68.4 102.6
85 56.2 43.9 65.9
99 63.4 47.2 70.8

Manual Integrations
APPROVED

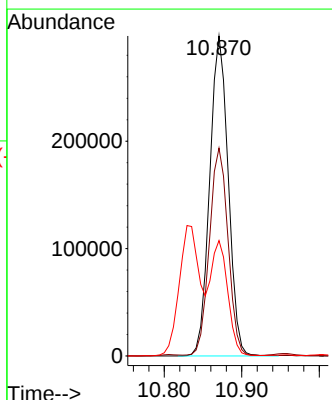
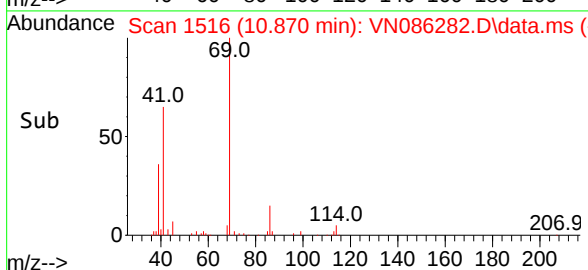
Reviewed By :John Carlone 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025

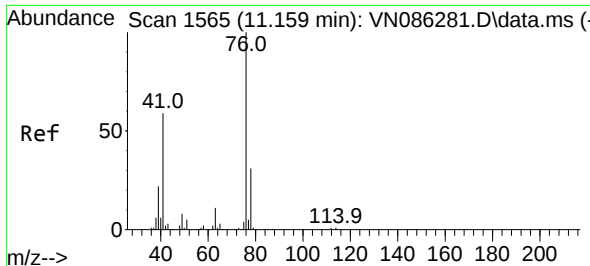


#56
Ethyl methacrylate
Concen: 95.461 ug/l
RT: 10.870 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VN086282.D
Acq: 15 Apr 2025 14:29



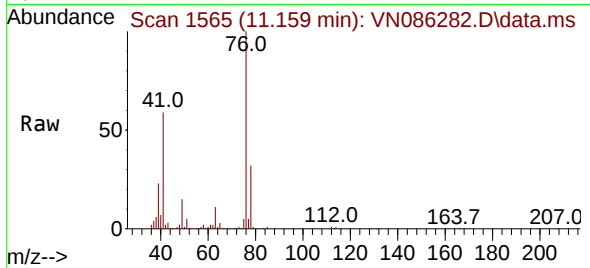
Tgt Ion: 69 Resp: 494791
Ion Ratio Lower Upper
69 100
41 65.0 51.7 77.5
39 33.0 26.3 39.5





#57
1,3-Dichloropropane
Concen: 96.455 ug/l
RT: 11.159 min Scan# 1565
Delta R.T. -0.000 min
Lab File: VN086282.D
Acq: 15 Apr 2025 14:29

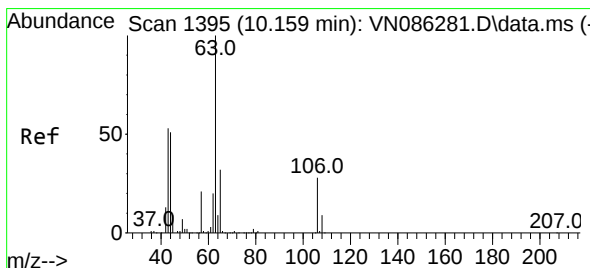
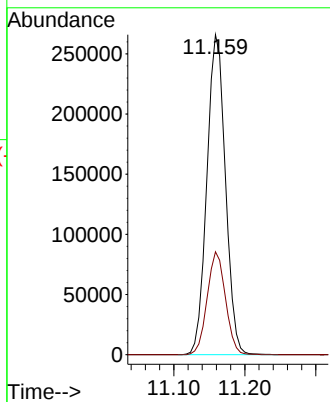
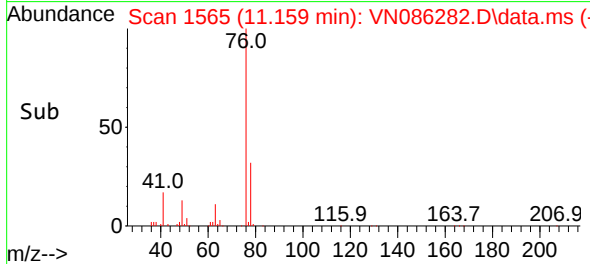
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion: 76 Resp: 482562
Ion Ratio Lower Upper
76 100
78 31.6 25.6 38.4

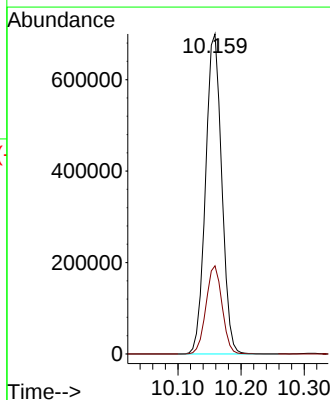
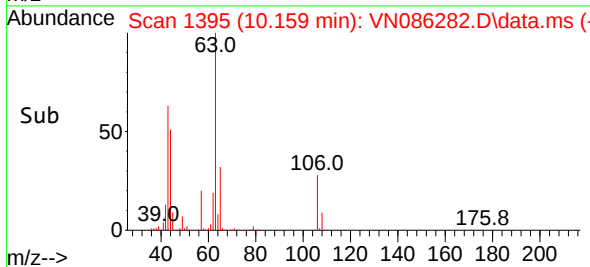
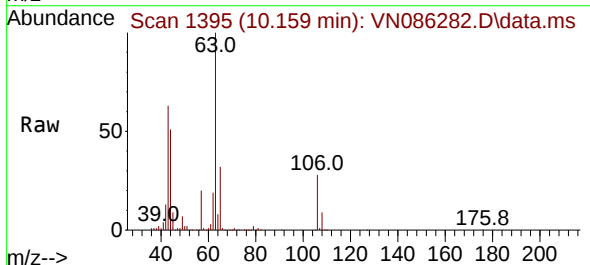
Manual Integrations
APPROVED

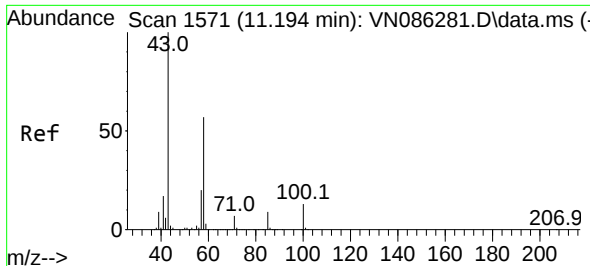
Reviewed By :John Carlone 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025



#58
2-Chloroethyl Vinyl ether
Concen: 505.011 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VN086282.D
Acq: 15 Apr 2025 14:29

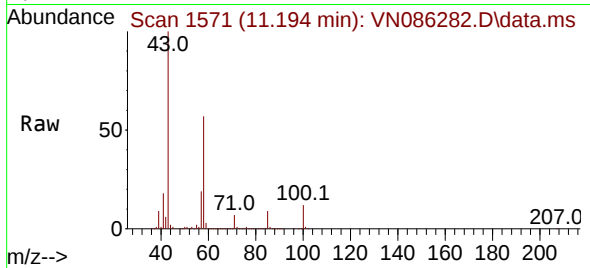
Tgt Ion: 63 Resp: 1242387
Ion Ratio Lower Upper
63 100
106 27.4 22.2 33.2





#59
2-Hexanone
Concen: 470.996 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VN086282.D
Acq: 15 Apr 2025 14:29

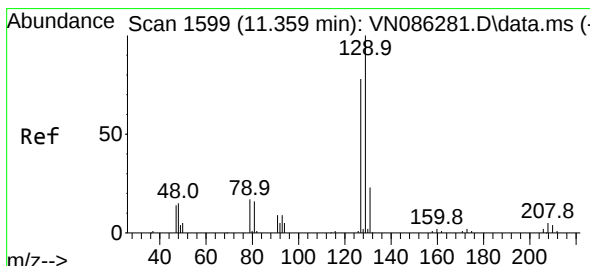
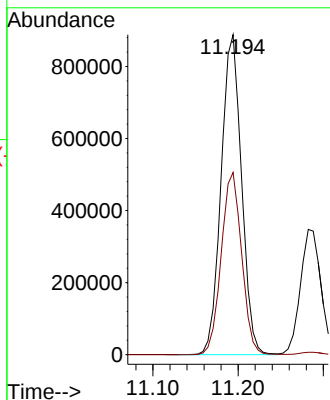
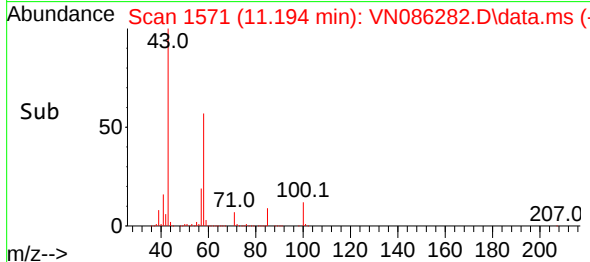
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion: 43 Resp: 1476474
Ion Ratio Lower Upper
43 100
58 57.0 28.3 85.0

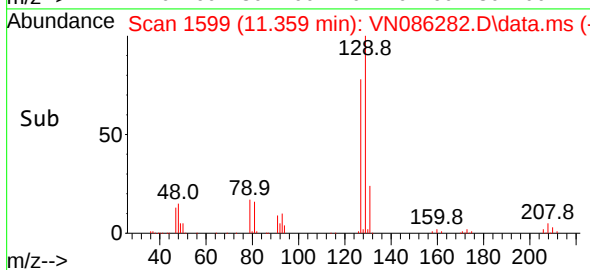
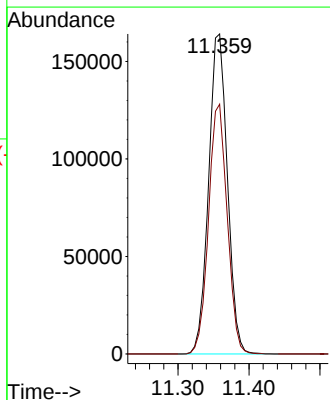
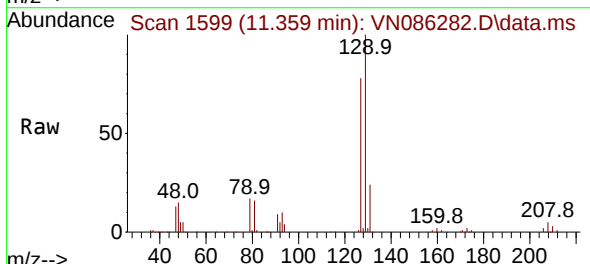
Manual Integrations
APPROVED

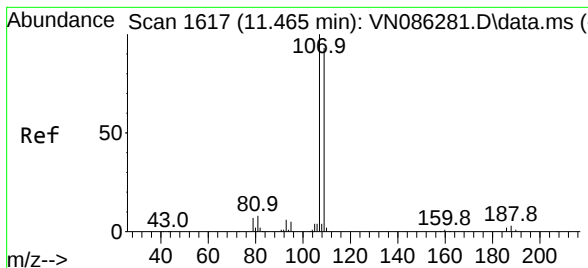
Reviewed By :John Carlone 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025



#60
Dibromochloromethane
Concen: 97.371 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN086282.D
Acq: 15 Apr 2025 14:29

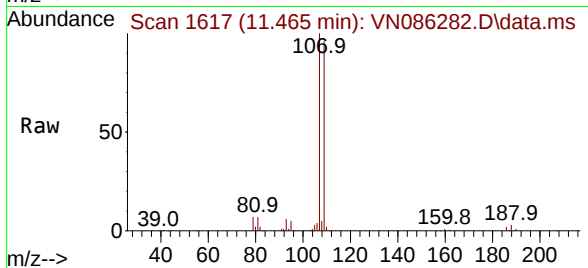
Tgt Ion:129 Resp: 301498
Ion Ratio Lower Upper
129 100
127 77.6 38.7 116.1





#61
1,2-Dibromoethane
Concen: 96.156 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VN086282.D
Acq: 15 Apr 2025 14:29

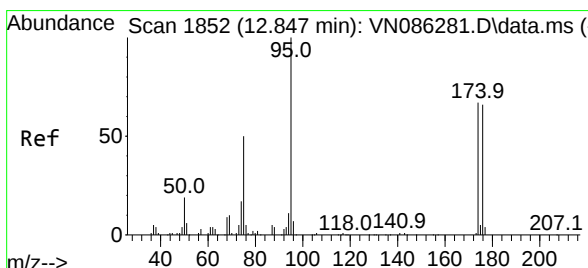
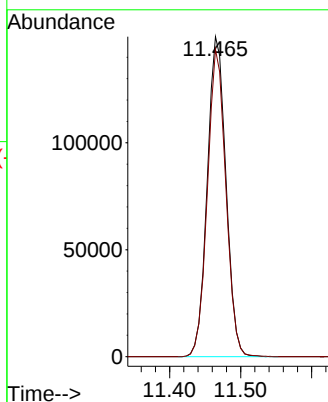
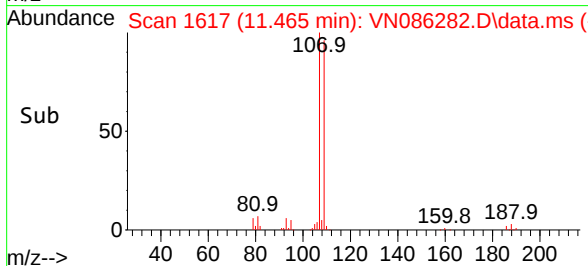
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



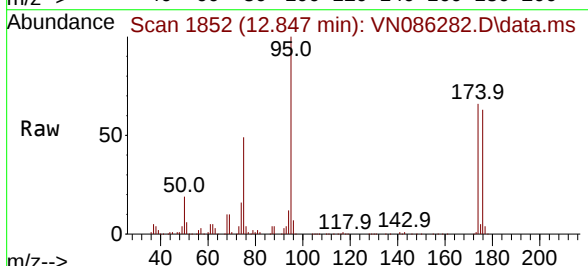
Tgt Ion:107 Resp: 27358
Ion Ratio Lower Upper
107 100
109 94.7 75.4 113.0

Manual Integrations
APPROVED

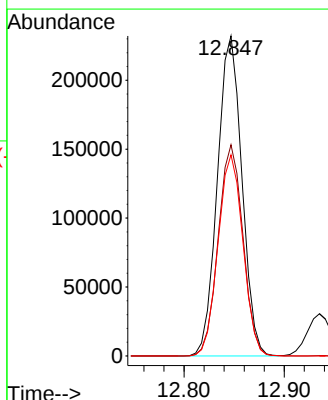
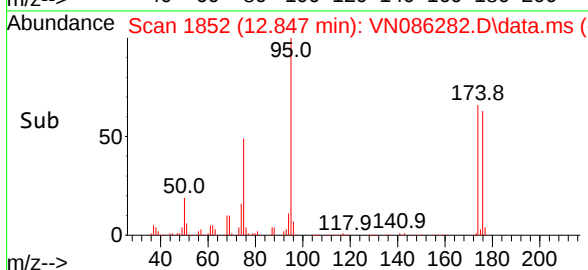
Reviewed By :John Carlone 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025

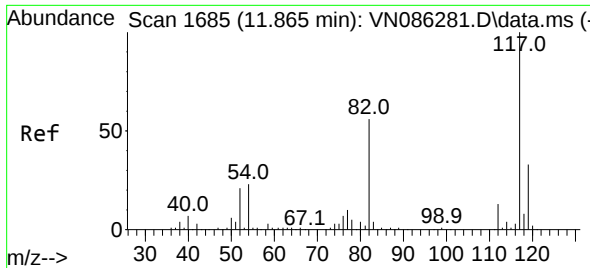


#62
4-Bromofluorobenzene
Concen: 103.153 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086282.D
Acq: 15 Apr 2025 14:29



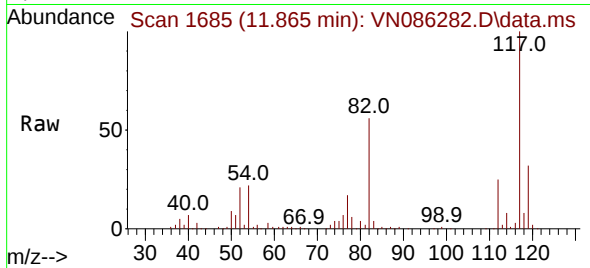
Tgt Ion: 95 Resp: 394671
Ion Ratio Lower Upper
95 100
174 66.4 0.0 133.4
176 63.6 0.0 129.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN086282.D
Acq: 15 Apr 2025 14:29

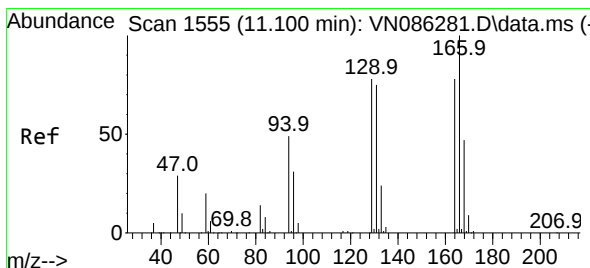
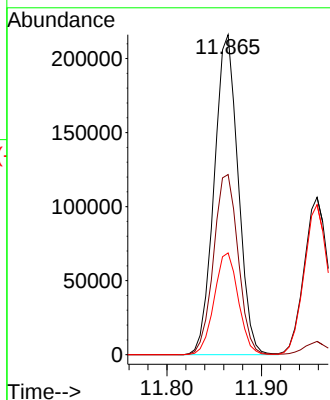
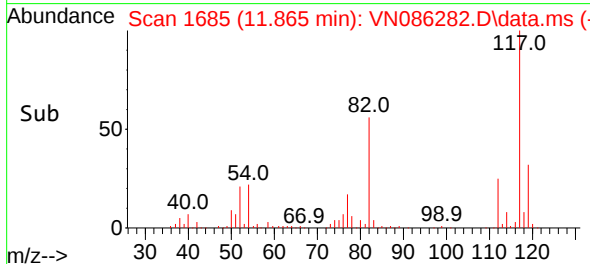
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



Tgt Ion:117 Resp: 380274
Ion Ratio Lower Upper
117 100
82 56.3 44.7 67.1
119 31.8 26.4 39.6

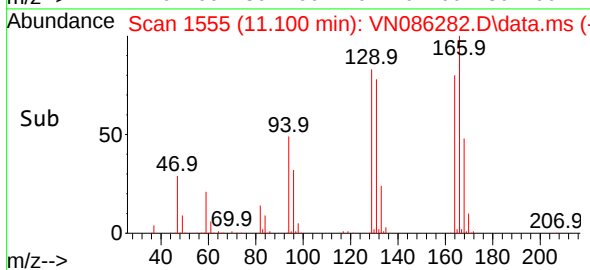
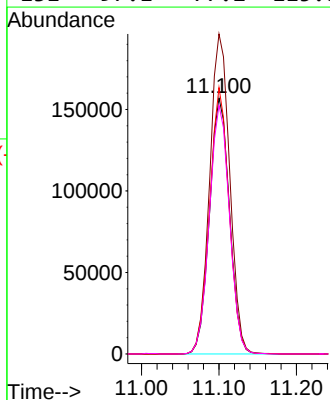
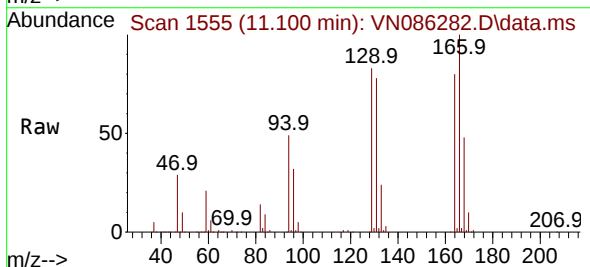
Manual Integrations
APPROVED

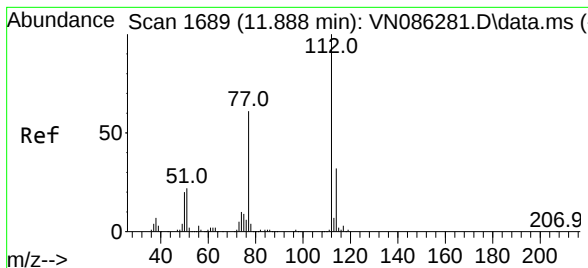
Reviewed By :John Carlone 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025



#64
Tetrachloroethene
Concen: 96.294 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VN086282.D
Acq: 15 Apr 2025 14:29

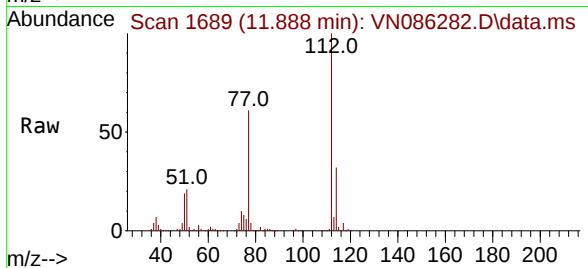
Tgt Ion:164 Resp: 281669
Ion Ratio Lower Upper
164 100
166 125.1 103.0 154.4
129 104.1 80.1 120.1
131 97.1 77.2 115.8





#65
Chlorobenzene
Concen: 94.881 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. -0.000 min
Lab File: VN086282.D
Acq: 15 Apr 2025 14:29

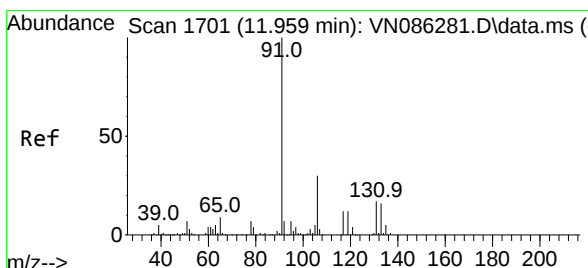
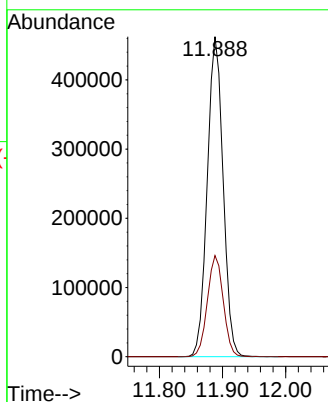
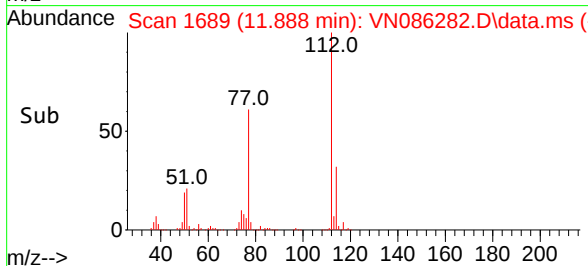
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



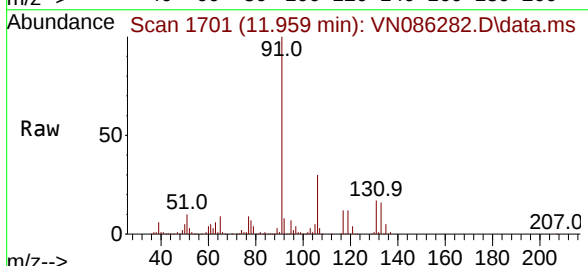
Tgt Ion:112 Resp: 805194
Ion Ratio Lower Upper
112 100
114 31.6 25.4 38.0

Manual Integrations
APPROVED

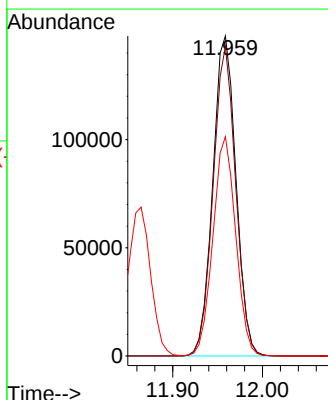
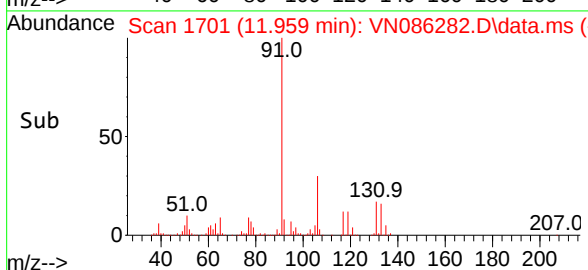
Reviewed By :John Carlone 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025

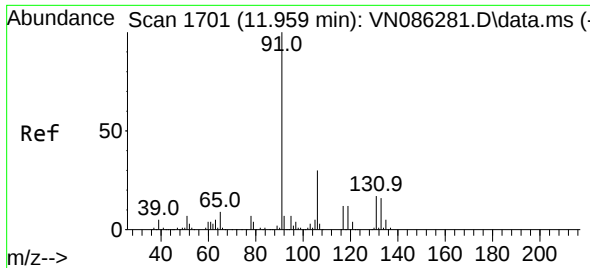


#66
1,1,1,2-Tetrachloroethane
Concen: 94.488 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN086282.D
Acq: 15 Apr 2025 14:29



Tgt Ion:131 Resp: 264532
Ion Ratio Lower Upper
131 100
133 94.6 47.1 141.3
119 67.6 33.8 101.4





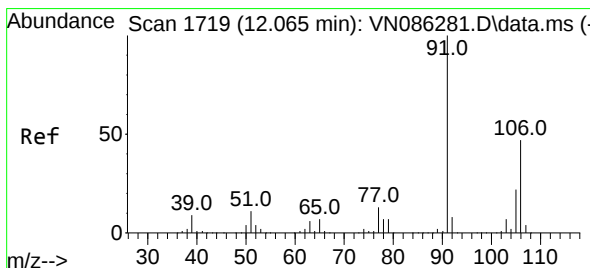
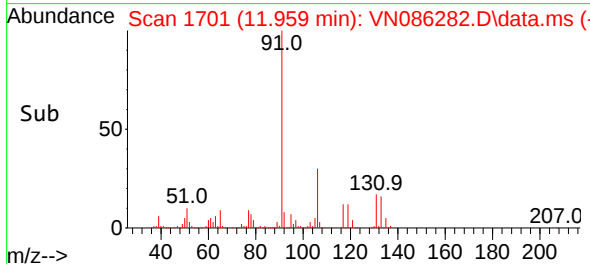
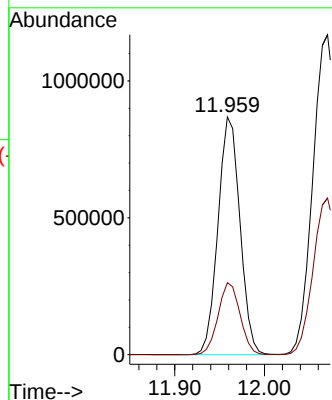
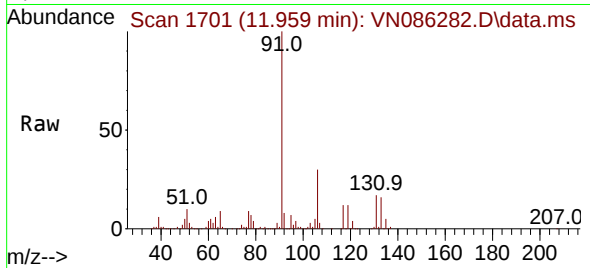
#67
Ethyl Benzene
Concen: 96.398 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN086282.D
Acq: 15 Apr 2025 14:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion: 91 Resp: 1476238
Ion Ratio Lower Upper
91 100
106 30.3 24.3 36.5

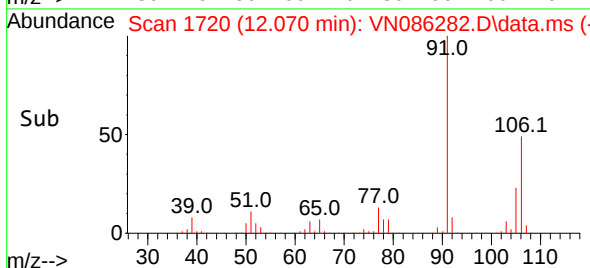
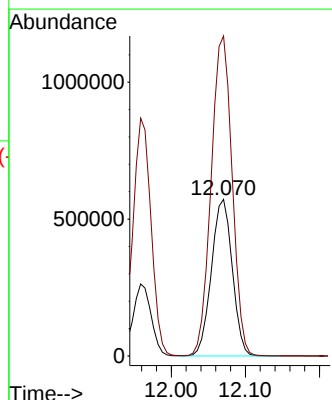
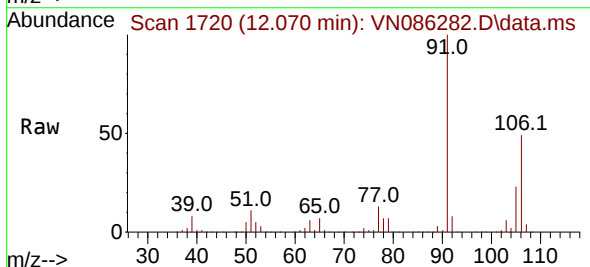
Manual Integrations
APPROVED

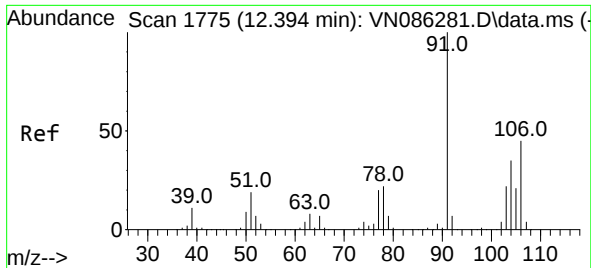
Reviewed By :John Carlone 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025



#68
m/p-Xylenes
Concen: 194.681 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. 0.006 min
Lab File: VN086282.D
Acq: 15 Apr 2025 14:29

Tgt Ion:106 Resp: 1117098
Ion Ratio Lower Upper
106 100
91 205.7 166.5 249.7





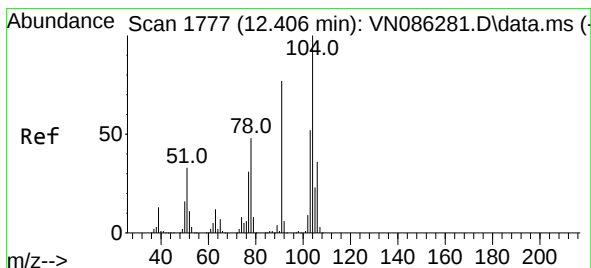
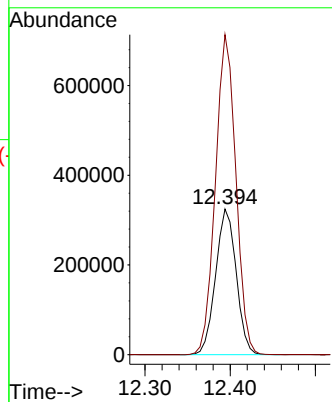
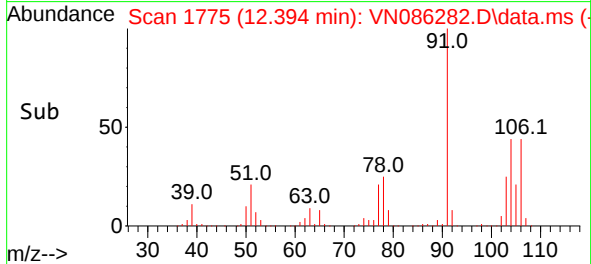
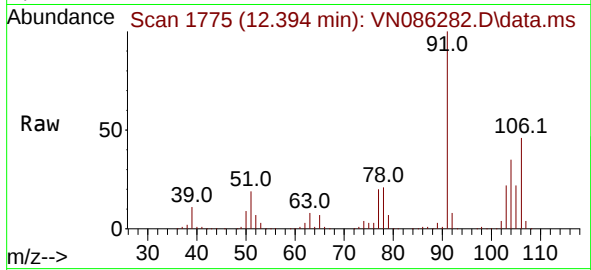
#69
o-Xylene
Concen: 96.221 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN086282.D
Acq: 15 Apr 2025 14:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tgt Ion:106 Resp: 546019
Ion Ratio Lower Upper
106 100
91 218.3 109.7 329.0

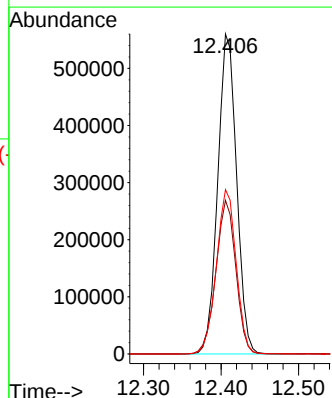
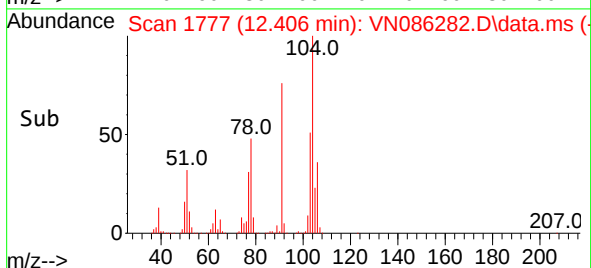
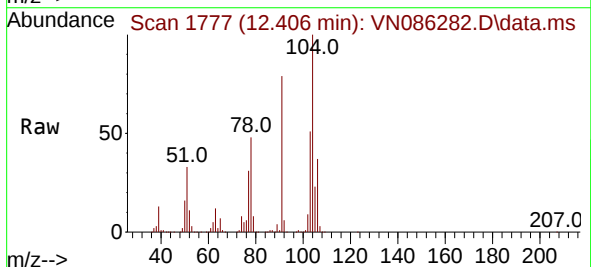
Manual Integrations
APPROVED

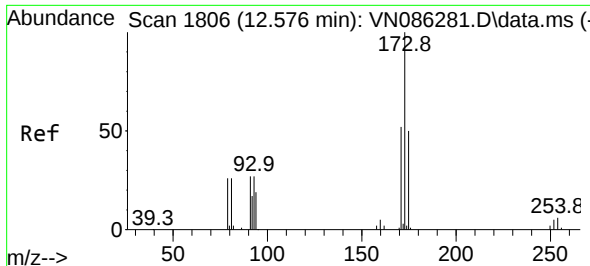
Reviewed By :John Carlone 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025



#70
Styrene
Concen: 100.188 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VN086282.D
Acq: 15 Apr 2025 14:29

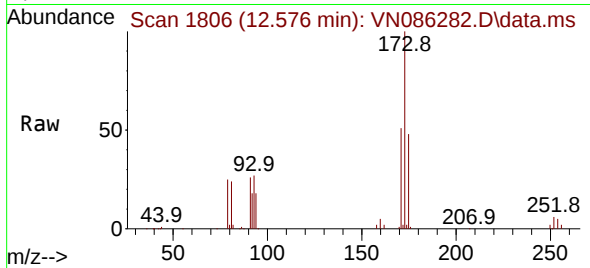
Tgt Ion:104 Resp: 947293
Ion Ratio Lower Upper
104 100
78 50.7 40.6 61.0
103 54.0 43.6 65.4





#71
Bromoform
Concen: 95.410 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VN086282.D
Acq: 15 Apr 2025 14:29

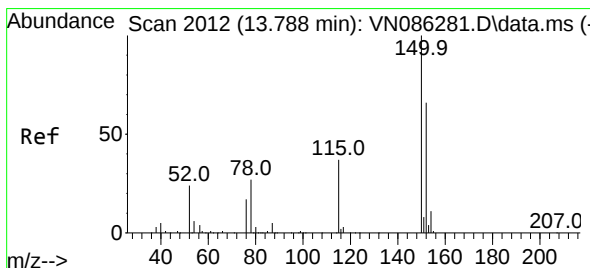
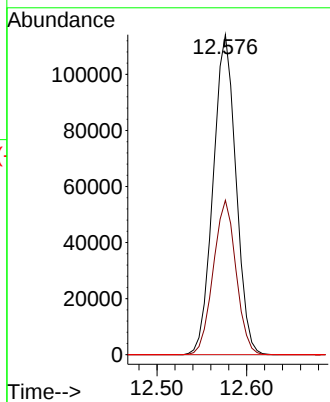
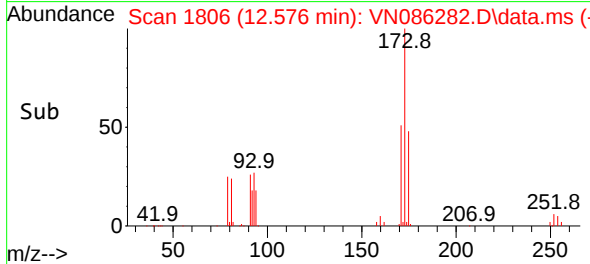
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



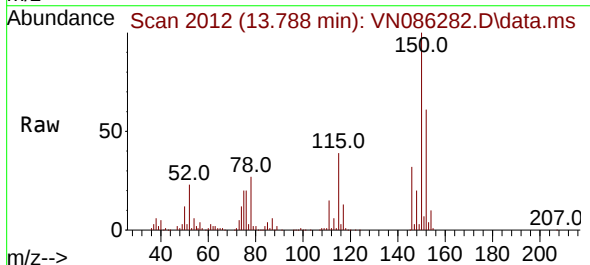
Tgt Ion:173 Resp: 201110
Ion Ratio Lower Upper
173 100
175 48.1 24.6 73.6
254 0.0 0.0 0.0

Manual Integrations
APPROVED

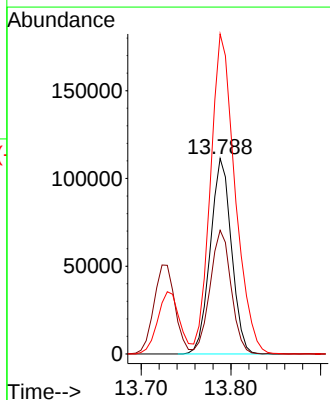
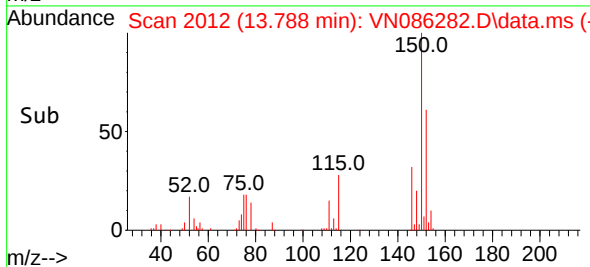
Reviewed By :John Carlone 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025

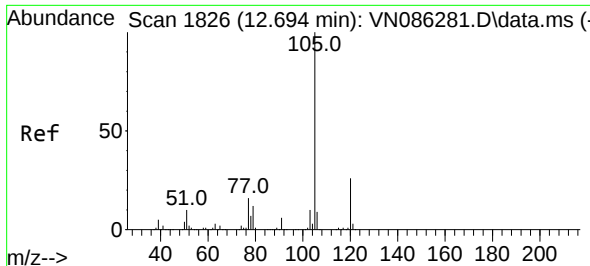


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN086282.D
Acq: 15 Apr 2025 14:29



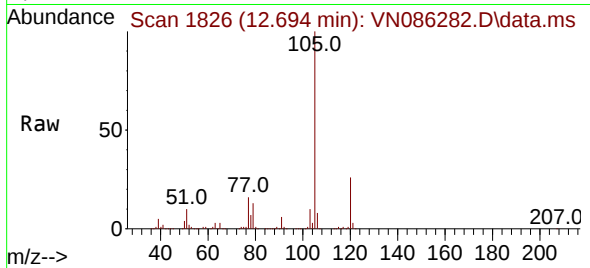
Tgt Ion:152 Resp: 182297
Ion Ratio Lower Upper
152 100
115 62.7 31.9 95.9
150 189.5 0.0 352.0





#73
Isopropylbenzene
Concen: 90.597 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN086282.D
Acq: 15 Apr 2025 14:29

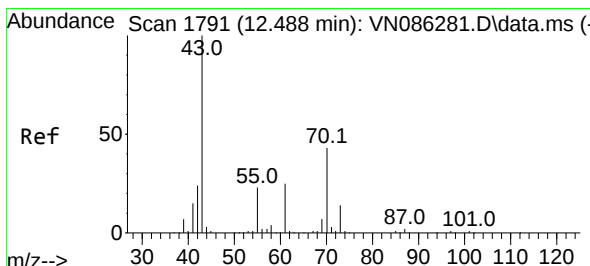
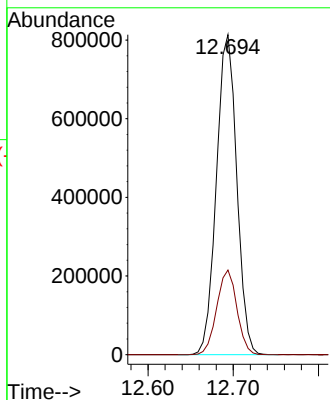
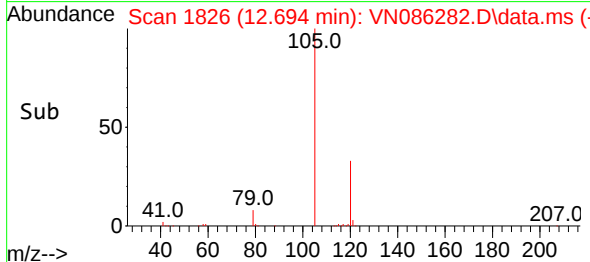
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



Tgt Ion:105 Resp: 1351009
Ion Ratio Lower Upper
105 100
120 26.2 13.1 39.3

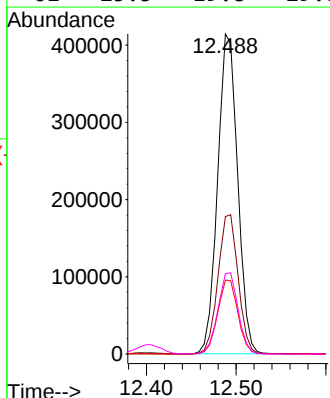
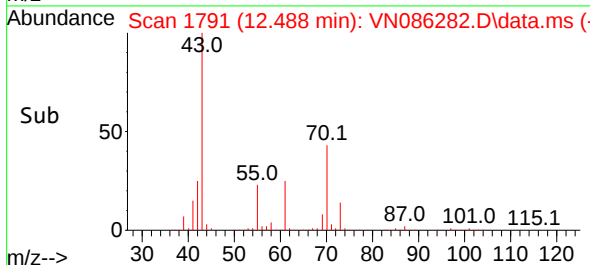
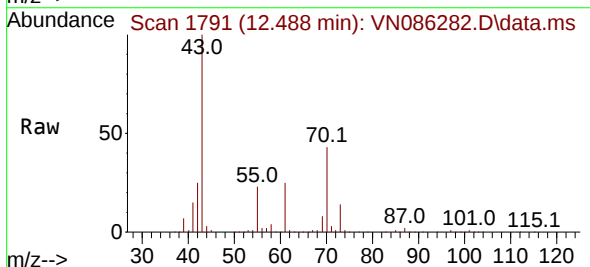
Manual Integrations
APPROVED

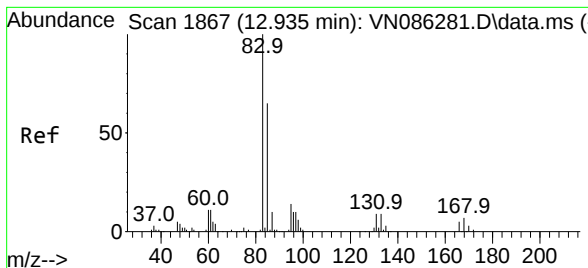
Reviewed By :John Carlone 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025



#74
N-ethyl acetate
Concen: 86.431 ug/l
RT: 12.488 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VN086282.D
Acq: 15 Apr 2025 14:29

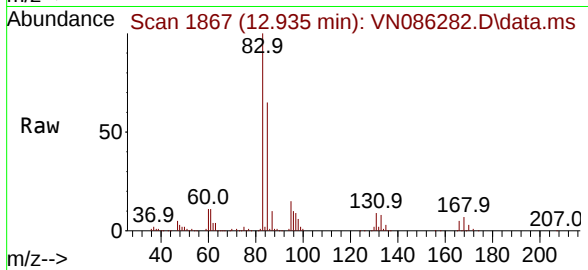
Tgt Ion: 43 Resp: 641647
Ion Ratio Lower Upper
43 100
70 43.9 35.0 52.4
55 23.4 19.0 28.4
61 25.5 19.8 29.8





#75
1,1,2,2-Tetrachloroethane
Concen: 83.793 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VN086282.D
Acq: 15 Apr 2025 14:29

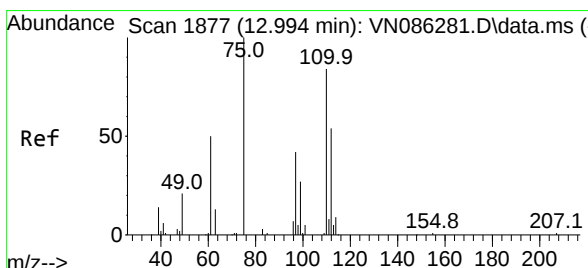
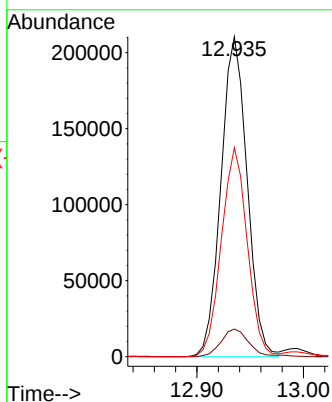
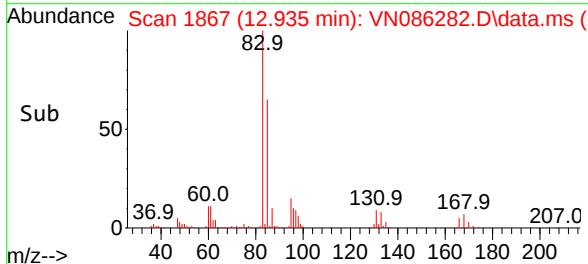
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



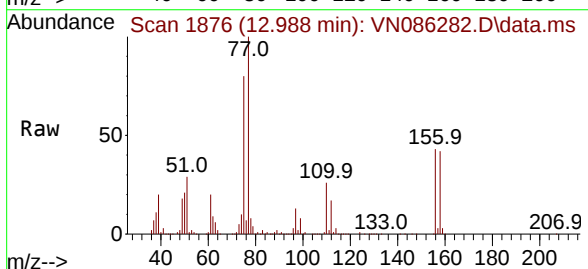
Tgt Ion: 83 Resp: 359278
Ion Ratio Lower Upper
83 100
131 9.3 4.7 14.1
85 64.5 32.7 98.1

Manual Integrations
APPROVED

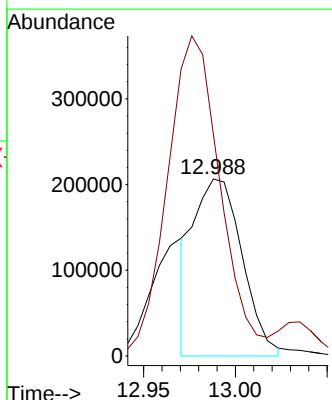
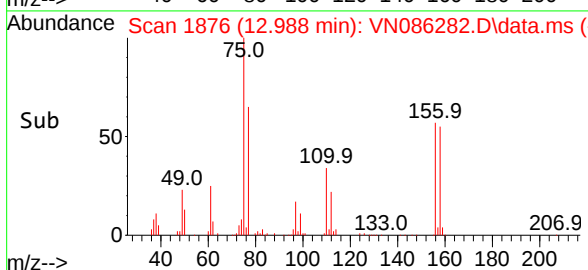
Reviewed By :John Carlone 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025

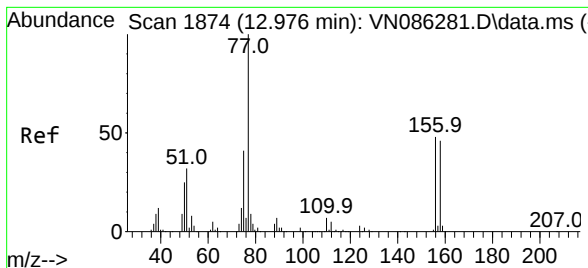


#76
1,2,3-Trichloropropane
Concen: 88.555 ug/l m
RT: 12.988 min Scan# 1876
Delta R.T. -0.006 min
Lab File: VN086282.D
Acq: 15 Apr 2025 14:29



Tgt Ion: 75 Resp: 379247
Ion Ratio Lower Upper
75 100
77 198.0 98.8 296.4





#77

Bromobenzene

Concen: 91.913 ug/l

RT: 12.976 min Scan# 1874

Delta R.T. -0.000 min

Lab File: VN086282.D

Acq: 15 Apr 2025 14:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

Tgt Ion:156 Resp: 303690

Ion Ratio Lower Upper

156 100

77 247.3 121.1 363.1

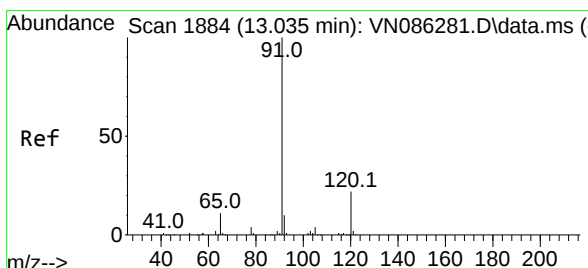
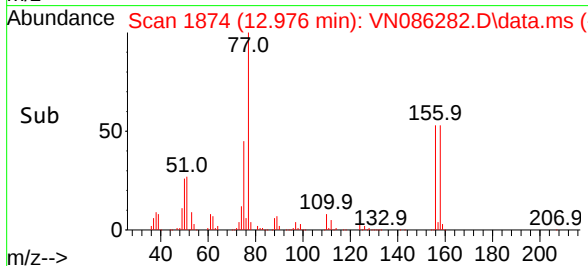
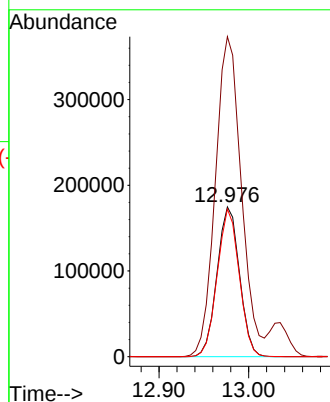
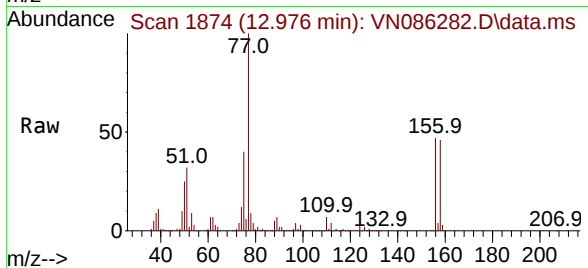
158 96.6 47.9 143.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/16/2025

Supervised By :Semsettin Yesilyurt 04/16/2025



#78

n-propylbenzene

Concen: 93.386 ug/l

RT: 13.035 min Scan# 1884

Delta R.T. -0.000 min

Lab File: VN086282.D

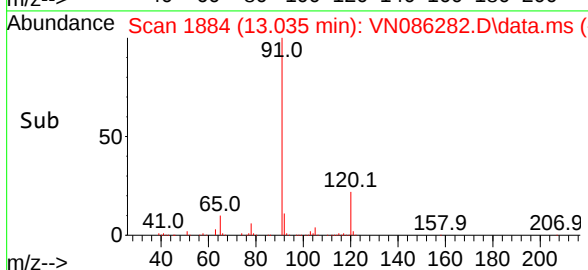
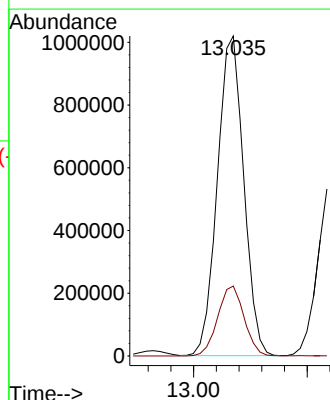
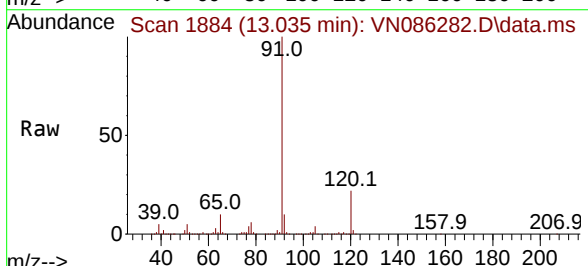
Acq: 15 Apr 2025 14:29

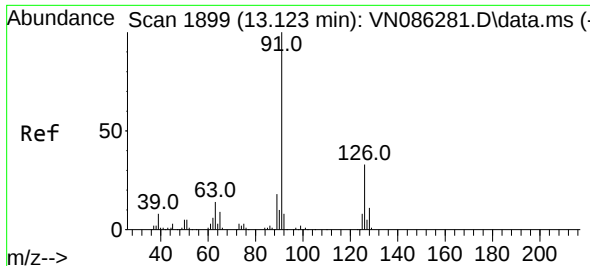
Tgt Ion: 91 Resp: 1640989

Ion Ratio Lower Upper

91 100

120 21.9 11.1 33.3





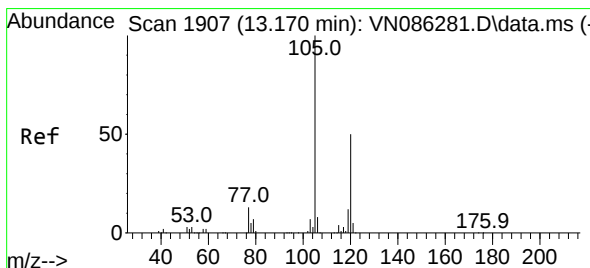
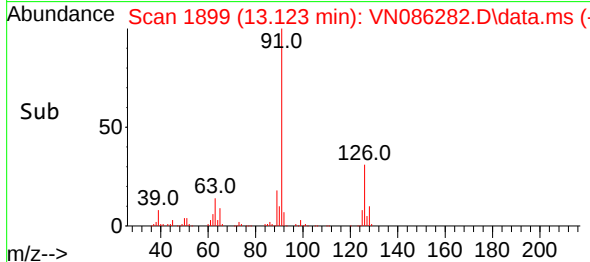
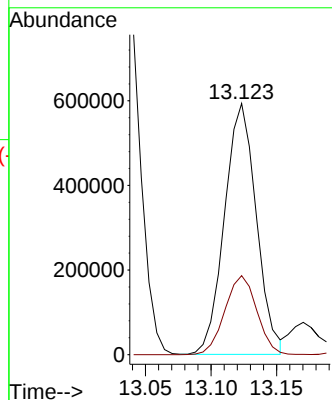
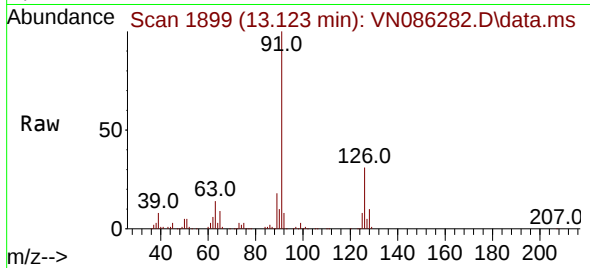
#79
2-Chlorotoluene
Concen: 91.031 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN086282.D
Acq: 15 Apr 2025 14:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion: 91 Resp: 100094
Ion Ratio Lower Upper
91 100
126 31.7 16.1 48.2

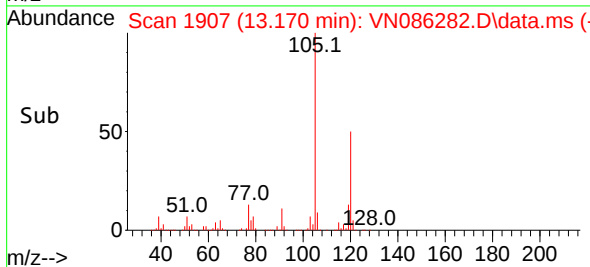
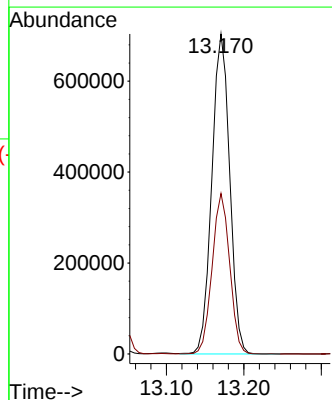
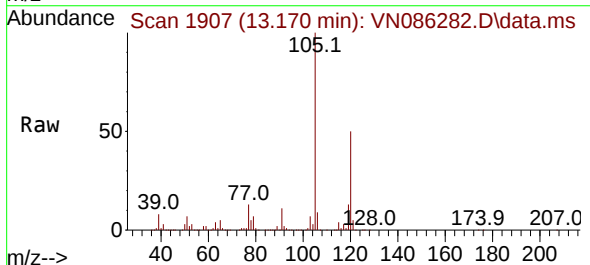
Manual Integrations
APPROVED

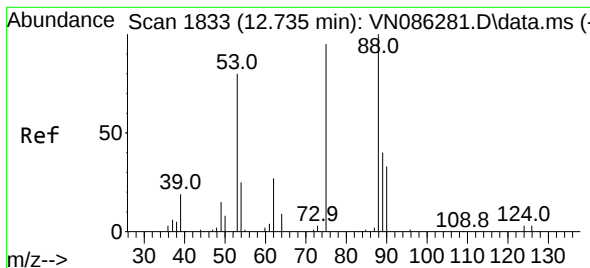
Reviewed By :John Carlone 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025



#80
1,3,5-Trimethylbenzene
Concen: 92.254 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN086282.D
Acq: 15 Apr 2025 14:29

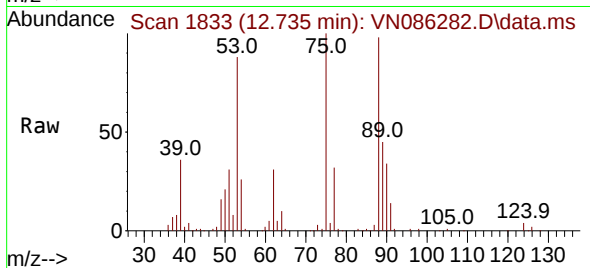
Tgt Ion:105 Resp: 1125981
Ion Ratio Lower Upper
105 100
120 49.3 24.5 73.5





#81
trans-1,4-Dichloro-2-butene
Concen: 98.197 ug/l m
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN086282.D
Acq: 15 Apr 2025 14:29

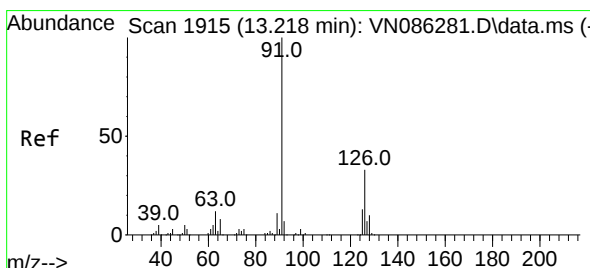
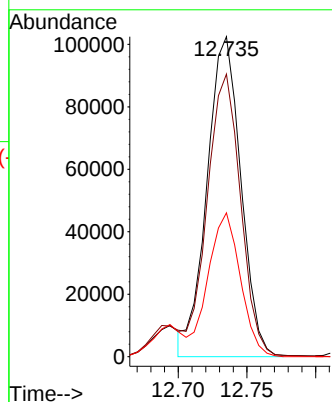
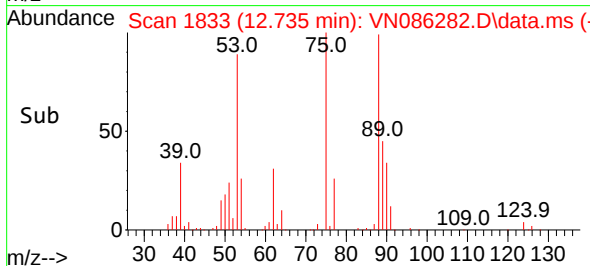
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion: 75 Resp: 17588
Ion Ratio Lower Upper
75 100
53 96.2 79.2 118.8
89 42.8 35.7 53.5

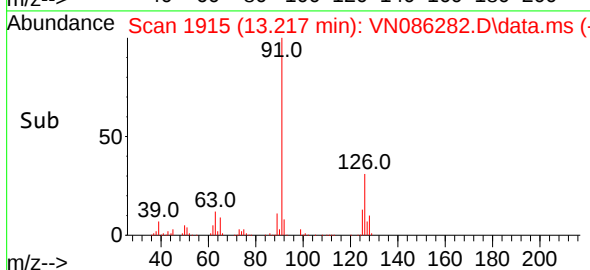
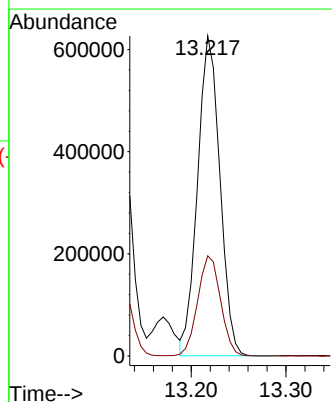
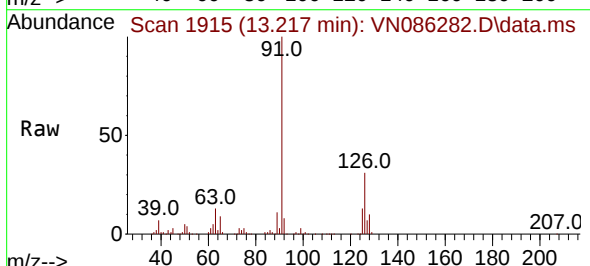
Manual Integrations
APPROVED

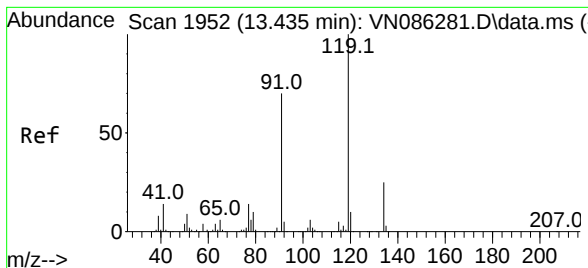
Reviewed By :John Carlone 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025



#82
4-Chlorotoluene
Concen: 93.852 ug/l
RT: 13.217 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VN086282.D
Acq: 15 Apr 2025 14:29

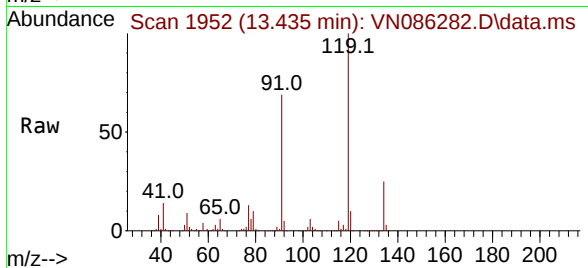
Tgt Ion: 91 Resp: 1025113
Ion Ratio Lower Upper
91 100
126 32.1 16.2 48.6





#83
tert-Butylbenzene
Concen: 92.219 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VN086282.D
Acq: 15 Apr 2025 14:29

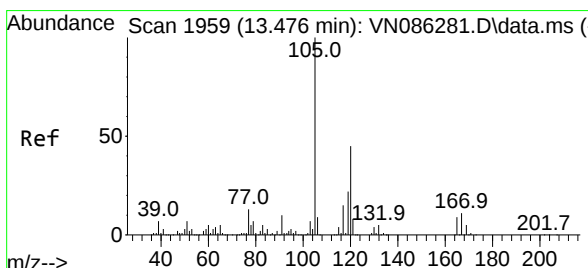
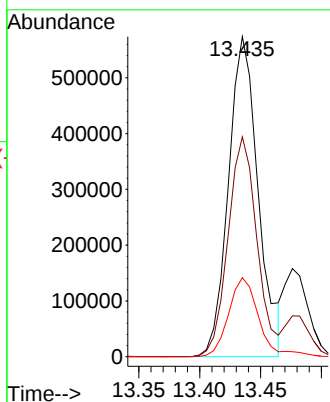
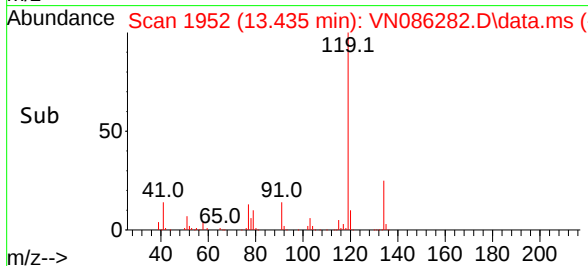
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



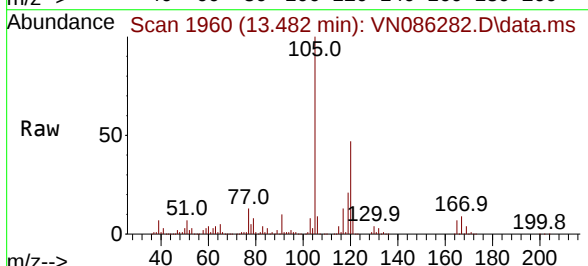
Tgt Ion:119 Resp: 975268
Ion Ratio Lower Upper
119 100
91 66.8 34.4 103.3
134 25.1 13.0 39.0

Manual Integrations
APPROVED

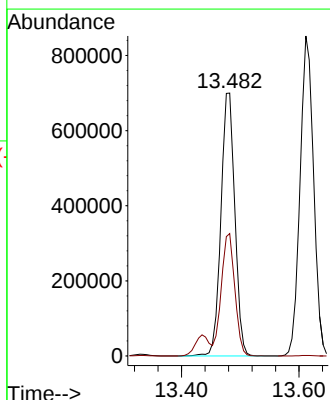
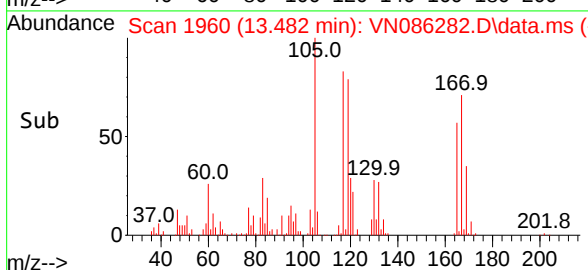
Reviewed By :John Carlone 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025

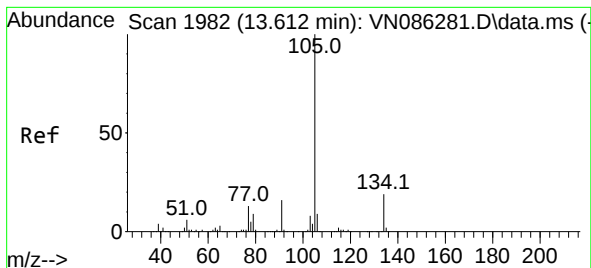


#84
1,2,4-Trimethylbenzene
Concen: 92.628 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.006 min
Lab File: VN086282.D
Acq: 15 Apr 2025 14:29



Tgt Ion:105 Resp: 1150791
Ion Ratio Lower Upper
105 100
120 45.2 22.4 67.3





#85

sec-Butylbenzene

Concen: 92.684 ug/l

RT: 13.611 min Scan# 1982

Delta R.T. -0.000 min

Lab File: VN086282.D

Acq: 15 Apr 2025 14:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

Tgt Ion:105 Resp: 135958

Ion Ratio Lower Upper

105 100

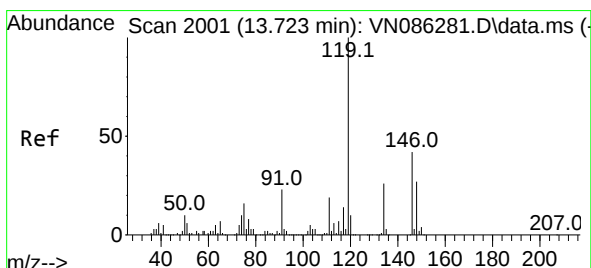
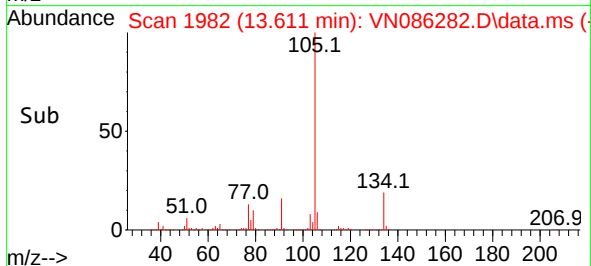
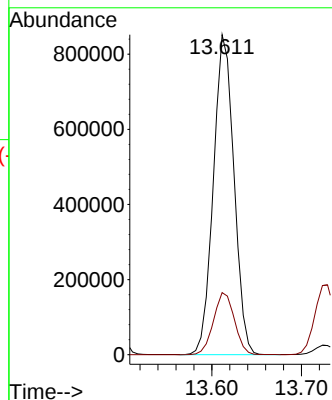
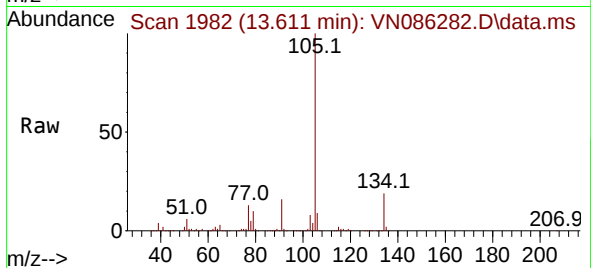
134 19.7 9.7 29.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/16/2025

Supervised By :Semsettin Yesilyurt 04/16/2025



#86

p-Isopropyltoluene

Concen: 96.040 ug/l

RT: 13.723 min Scan# 2001

Delta R.T. -0.000 min

Lab File: VN086282.D

Acq: 15 Apr 2025 14:29

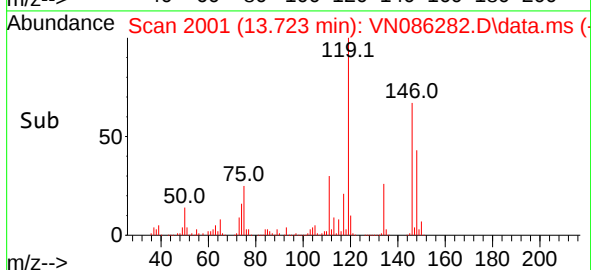
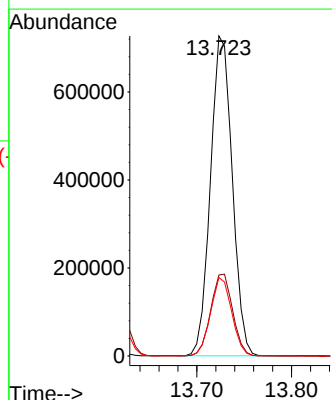
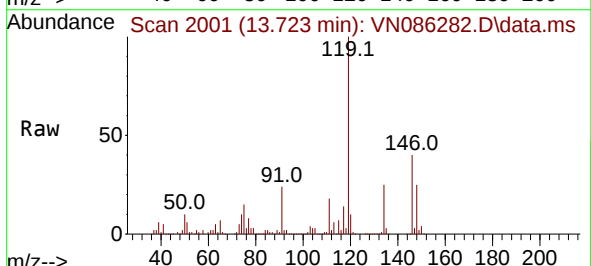
Tgt Ion:119 Resp: 1161224

Ion Ratio Lower Upper

119 100

134 25.8 13.1 39.1

91 23.8 11.9 35.9





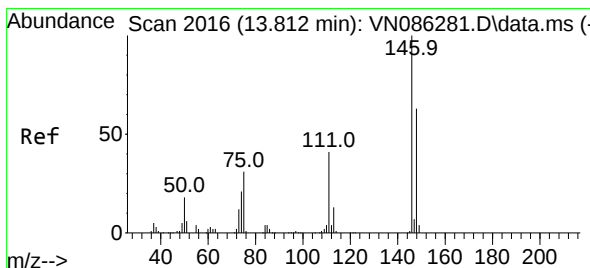
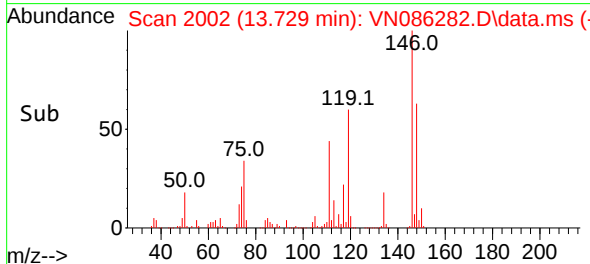
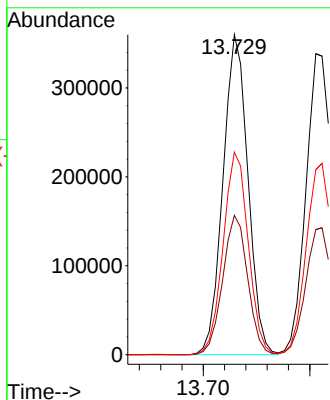
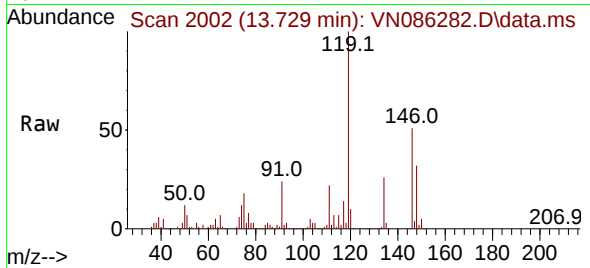
#87
1,3-Dichlorobenzene
Concen: 94.402 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. -0.000 min
Lab File: VN086282.D
Acq: 15 Apr 2025 14:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion:146 Resp: 586360
Ion Ratio Lower Upper
146 100
111 43.5 21.9 65.7
148 63.6 31.9 95.5

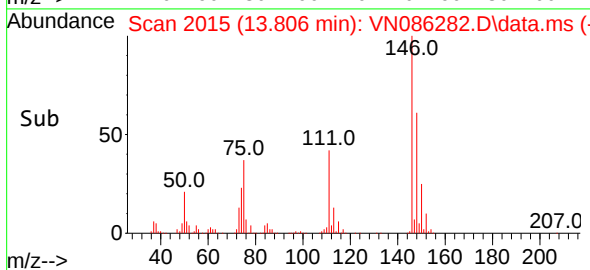
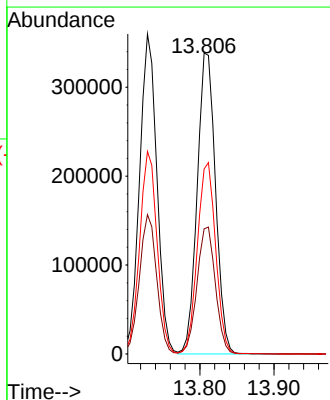
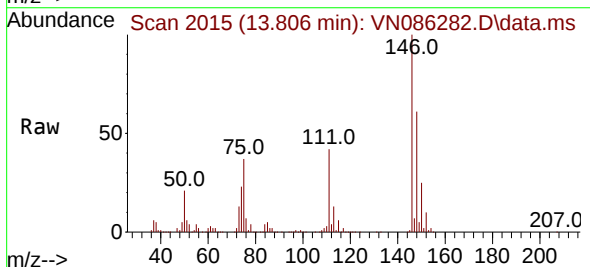
Manual Integrations
APPROVED

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



#88
1,4-Dichlorobenzene
Concen: 93.077 ug/l
RT: 13.806 min Scan# 2015
Delta R.T. -0.006 min
Lab File: VN086282.D
Acq: 15 Apr 2025 14:29

Tgt Ion:146 Resp: 582329
Ion Ratio Lower Upper
146 100
111 42.5 21.3 63.9
148 63.5 31.9 95.9





#89

n-Butylbenzene

Concen: 99.009 ug/l

RT: 14.053 min Scan# 2057

Delta R.T. -0.000 min

Lab File: VN086282.D

Acq: 15 Apr 2025 14:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

Tgt Ion: 91 Resp: 1061099

Ion Ratio Lower Upper

91 100

92 53.9 26.8 80.4

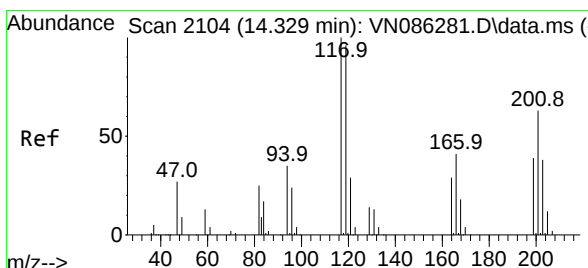
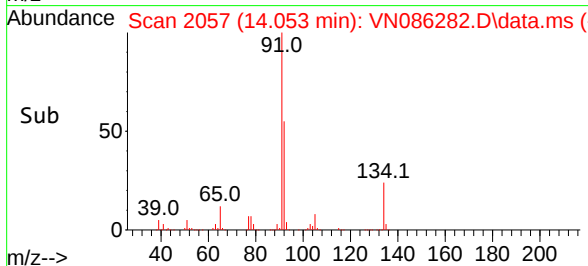
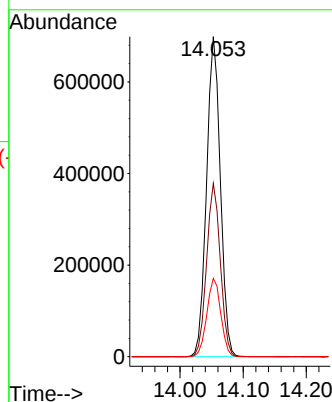
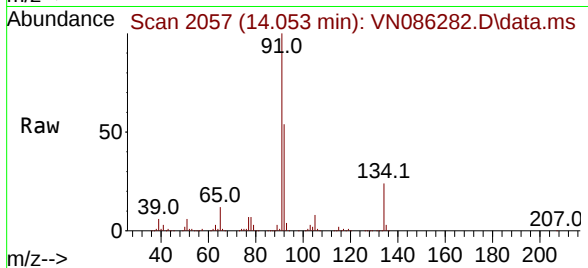
134 24.7 12.2 36.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/16/2025

Supervised By :Semsettin Yesilyurt 04/16/2025



#90

Hexachloroethane

Concen: 96.516 ug/l

RT: 14.329 min Scan# 2104

Delta R.T. -0.000 min

Lab File: VN086282.D

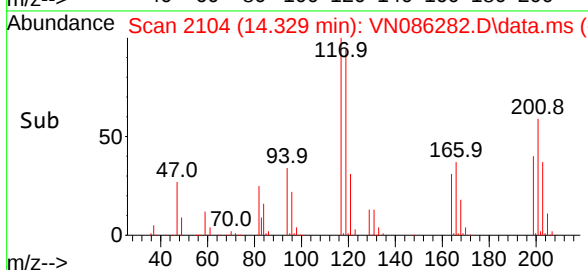
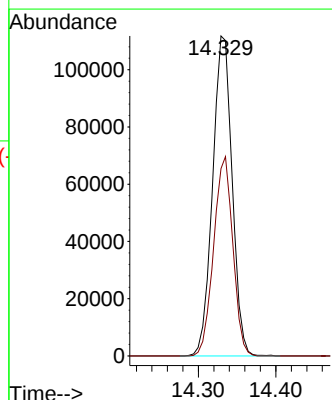
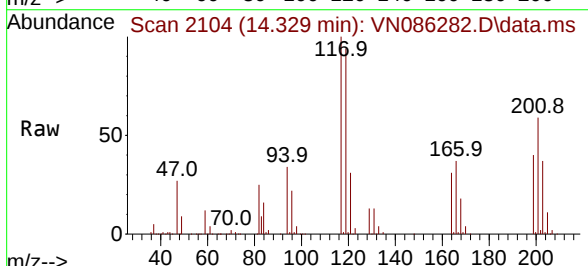
Acq: 15 Apr 2025 14:29

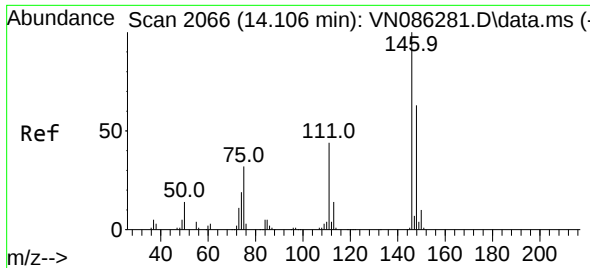
Tgt Ion:117 Resp: 196292

Ion Ratio Lower Upper

117 100

201 61.2 31.4 94.2





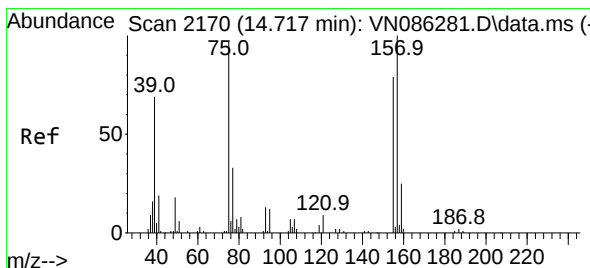
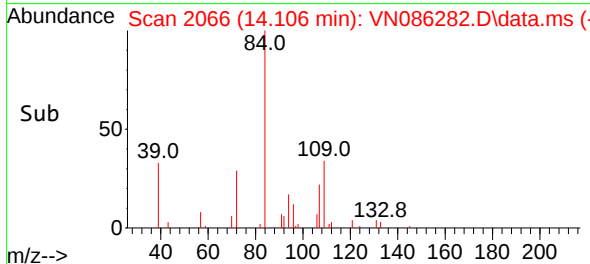
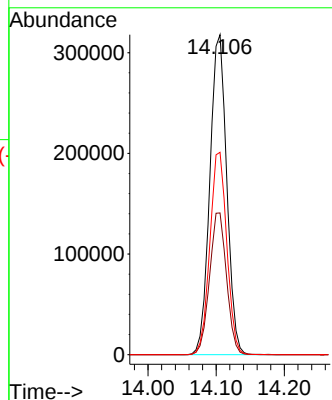
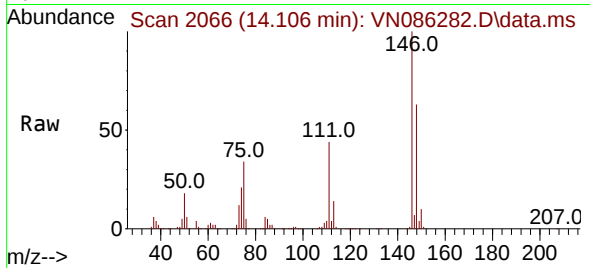
#91
1,2-Dichlorobenzene
Concen: 90.920 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN086282.D
Acq: 15 Apr 2025 14:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion:146 Resp: 54752
Ion Ratio Lower Upper
146 100
111 44.6 22.4 67.0
148 63.6 31.8 95.4

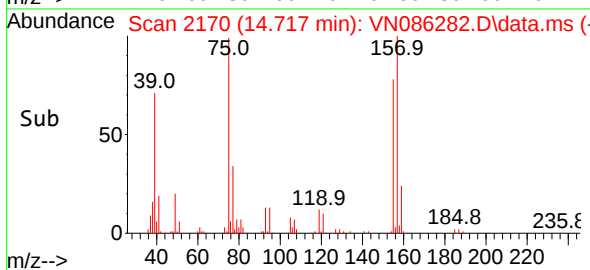
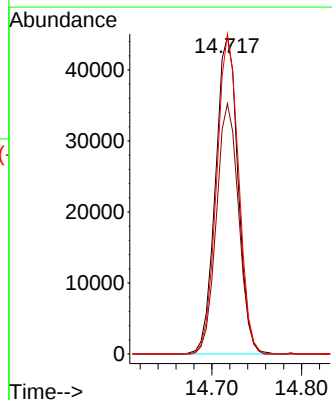
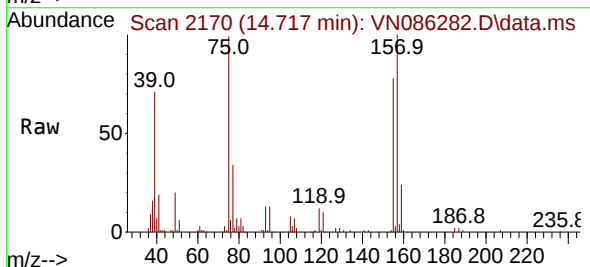
Manual Integrations
APPROVED

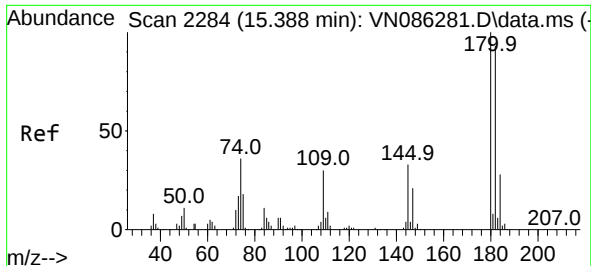
Reviewed By :John Carlone 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 89.984 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.000 min
Lab File: VN086282.D
Acq: 15 Apr 2025 14:29

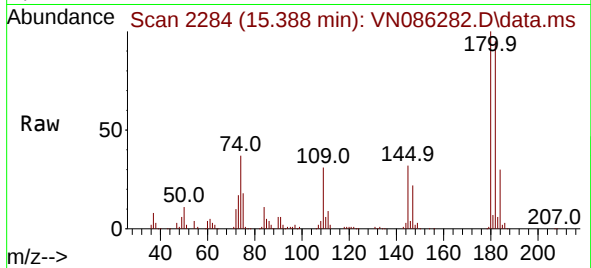
Tgt Ion: 75 Resp: 77795
Ion Ratio Lower Upper
75 100
155 77.9 40.3 120.9
157 98.1 49.0 147.2





#93
1,2,4-Trichlorobenzene
Concen: 97.461 ug/l
RT: 15.388 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN086282.D
Acq: 15 Apr 2025 14:29

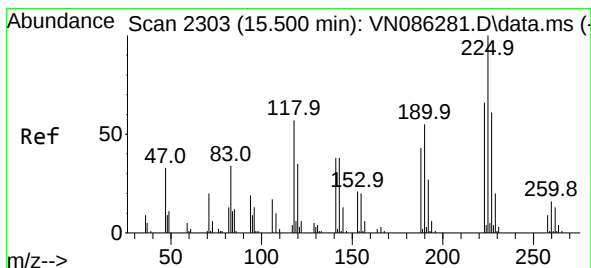
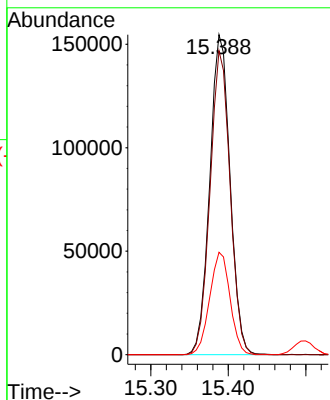
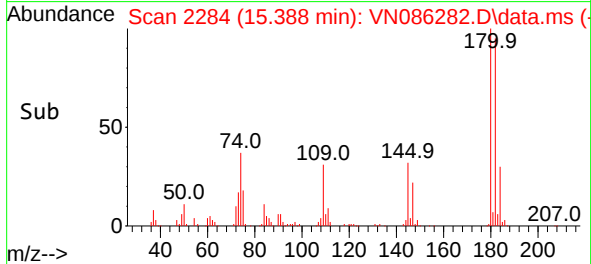
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



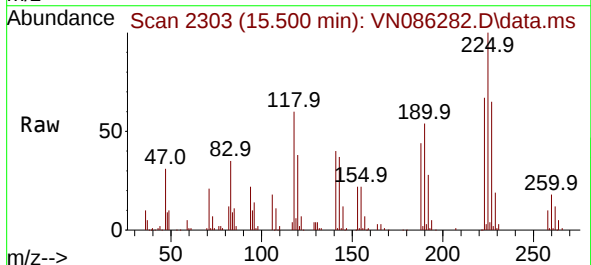
Tgt Ion:180 Resp: 281040
Ion Ratio Lower Upper
180 100
182 93.8 47.0 141.0
145 32.1 16.4 49.1

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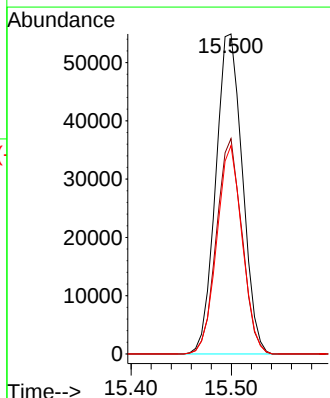
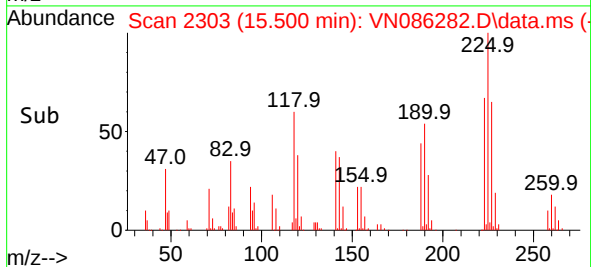
Reviewed By :John Carlone 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025

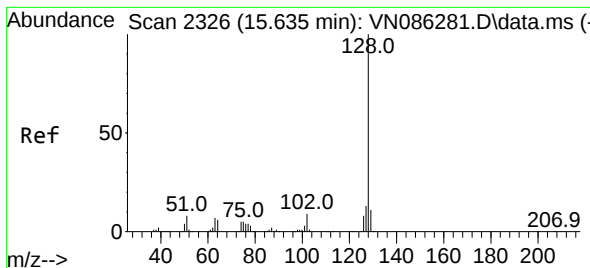


#94
Hexachlorobutadiene
Concen: 93.251 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. -0.000 min
Lab File: VN086282.D
Acq: 15 Apr 2025 14:29



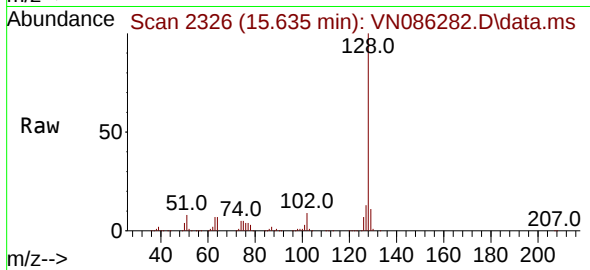
Tgt Ion:225 Resp: 101506
Ion Ratio Lower Upper
225 100
223 64.2 32.8 98.3
227 62.0 31.4 94.0





#95
Naphthalene
Concen: 95.390 ug/l
RT: 15.635 min Scan# 2326
Delta R.T. -0.000 min
Lab File: VN086282.D
Acq: 15 Apr 2025 14:29

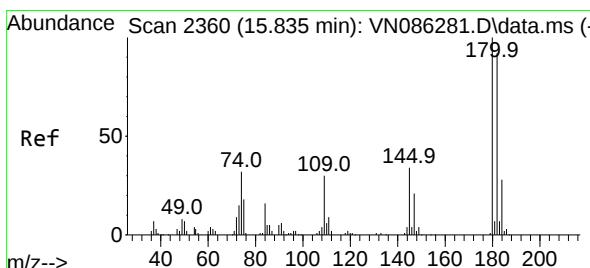
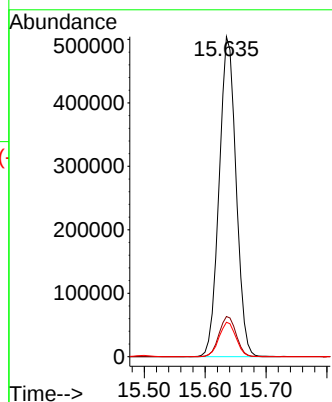
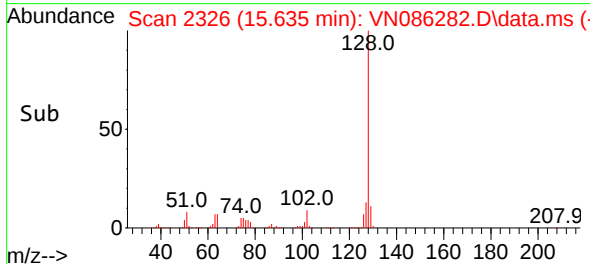
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



Tgt Ion:128 Resp: 975079
Ion Ratio Lower Upper
128 100
127 12.7 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: 94.712 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. -0.000 min
Lab File: VN086282.D
Acq: 15 Apr 2025 14:29

Tgt Ion:180 Resp: 258567
Ion Ratio Lower Upper
180 100
182 95.2 47.3 142.0
145 34.4 17.2 51.5

