

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121324\
 Data File : VN085193.D
 Acq On : 13 Dec 2024 13:52
 Operator : JC\MD
 Sample : VN1213WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1213WBSD01

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 12/16/2024
 Supervised By :Mahesh Dadoda 12/16/2024

Quant Time: Dec 13 23:32:27 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112224W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 23 02:54:10 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.218	168	137829	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	223171	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	200688	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	97109	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.571	65	94465	48.116	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	96.240%		
35) Dibromofluoromethane	8.165	113	74767	49.679	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	99.360%		
50) Toluene-d8	10.565	98	253906	47.076	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	94.160%		
62) 4-Bromofluorobenzene	12.847	95	96778	47.981	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	95.960%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	42570	27.315	ug/l	99
3) Chloromethane	2.359	50	37205	20.582	ug/l	98
4) Vinyl Chloride	2.512	62	36797	22.652	ug/l	94
5) Bromomethane	2.959	94	24991	27.448	ug/l	89
6) Chloroethane	3.124	64	23218	21.205	ug/l	99
7) Trichlorofluoromethane	3.506	101	60874	22.029	ug/l	93
8) Diethyl Ether	3.965	74	20125	21.398	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.377	101	32925	21.008	ug/l	98
10) Methyl Iodide	4.589	142	42506	20.489	ug/l	99
11) Tert butyl alcohol	5.512	59	25118	95.740	ug/l	98
12) 1,1-Dichloroethene	4.348	96	29233	19.983	ug/l	99
13) Acrolein	4.183	56	16541	94.487	ug/l	98
14) Allyl chloride	5.018	41	41392	16.784	ug/l	91
15) Acrylonitrile	5.718	53	78356	105.492	ug/l	98
16) Acetone	4.424	43	64469	112.751	ug/l	98
17) Carbon Disulfide	4.718	76	91459	21.181	ug/l	99
18) Methyl Acetate	5.018	43	36197	19.097	ug/l	100
19) Methyl tert-butyl Ether	5.794	73	98114	20.527	ug/l	98
20) Methylene Chloride	5.277	84	35147	20.144	ug/l	94
21) trans-1,2-Dichloroethene	5.789	96	30978	20.122	ug/l	94
22) Diisopropyl ether	6.665	45	98045	19.753	ug/l	97
23) Vinyl Acetate	6.600	43	355368	103.780	ug/l	97
24) 1,1-Dichloroethane	6.565	63	58611	19.732	ug/l	99
25) 2-Butanone	7.477	43	97074	103.843	ug/l	96
26) 2,2-Dichloropropane	7.483	77	53328	19.227	ug/l	99
27) cis-1,2-Dichloroethene	7.488	96	36332	19.576	ug/l	99
28) Bromochloromethane	7.806	49	19144	17.074	ug/l	88
29) Tetrahydrofuran	7.836	42	62430	107.391	ug/l	98
30) Chloroform	7.959	83	62083	19.649	ug/l	95
31) Cyclohexane	8.259	56	52010	19.887	ug/l	98
32) 1,1,1-Trichloroethane	8.165	97	57452	20.122	ug/l	98
36) 1,1-Dichloropropene	8.365	75	42499	20.848	ug/l	99
37) Ethyl Acetate	7.559	43	40341	21.768	ug/l	99
38) Carbon Tetrachloride	8.359	117	50416	21.426	ug/l	98
39) Methylcyclohexane	9.600	83	43645	20.604	ug/l	100
40) Benzene	8.600	78	132014	20.476	ug/l	100

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	22298	21.731	ug/l	98
42) 1,2-Dichloroethane	8.665	62	47952	21.740	ug/l	99
43) Isopropyl Acetate	8.683	43	67271	17.476	ug/l	98
44) Trichloroethene	9.353	130	32212	21.498	ug/l	90
45) 1,2-Dichloropropane	9.618	63	32235	20.299	ug/l	98
46) Dibromomethane	9.706	93	23698	21.476	ug/l	98
47) Bromodichloromethane	9.882	83	50073	21.411	ug/l	99
48) Methyl methacrylate	9.677	41	31561	22.033	ug/l	96
49) 1,4-Dioxane	9.694	88	10575	425.699	ug/l #	85
51) 4-Methyl-2-Pentanone	10.441	43	201185	114.424	ug/l	99
52) Toluene	10.629	92	82376	21.582	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	48424	20.653	ug/l	100
54) cis-1,3-Dichloropropene	10.306	75	52893	21.264	ug/l	99
55) 1,1,2-Trichloroethane	11.012	97	31269	21.994	ug/l	97
56) Ethyl methacrylate	10.871	69	46917	22.584	ug/l	99
57) 1,3-Dichloropropane	11.159	76	54218	21.668	ug/l	97
58) 2-Chloroethyl Vinyl ether	10.159	63	97897	96.068	ug/l	99
59) 2-Hexanone	11.194	43	147247	111.975	ug/l	98
60) Dibromochloromethane	11.359	129	39092	22.499	ug/l	97
61) 1,2-Dibromoethane	11.465	107	32918	22.373	ug/l	95
64) Tetrachloroethene	11.100	164	29397	21.739	ug/l	96
65) Chlorobenzene	11.888	112	88898	19.532	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	33208	20.723	ug/l	98
67) Ethyl Benzene	11.959	91	147234	19.939	ug/l	99
68) m/p-Xylenes	12.071	106	116443	41.420	ug/l	98
69) o-Xylene	12.394	106	54232	20.280	ug/l	98
70) Styrene	12.406	104	93670	21.063	ug/l	99
71) Bromoform	12.576	173	26599	22.362	ug/l #	99
73) Isopropylbenzene	12.694	105	135190	19.734	ug/l	100
74) N-amyl acetate	12.494	43	56003	19.838	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.935	83	43891	18.762	ug/l	100
76) 1,2,3-Trichloropropane	12.988	75	35951m	20.353	ug/l	
77) Bromobenzene	12.976	156	35778	19.407	ug/l	99
78) n-propylbenzene	13.029	91	164854	20.863	ug/l	99
79) 2-Chlorotoluene	13.123	91	104560	19.823	ug/l	97
80) 1,3,5-Trimethylbenzene	13.170	105	120008	20.876	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	15312	19.137	ug/l	90
82) 4-Chlorotoluene	13.218	91	106543	19.403	ug/l	99
83) tert-Butylbenzene	13.435	119	97120	19.635	ug/l	99
84) 1,2,4-Trimethylbenzene	13.476	105	119810	20.247	ug/l	100
85) sec-Butylbenzene	13.612	105	136833	20.479	ug/l	99
86) p-Isopropyltoluene	13.729	119	112633	20.421	ug/l	100
87) 1,3-Dichlorobenzene	13.729	146	65134	17.912	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	64065	17.264	ug/l	96
89) n-Butylbenzene	14.053	91	92754	18.083	ug/l	98
90) Hexachloroethane	14.329	117	22474	18.693	ug/l	96
91) 1,2-Dichlorobenzene	14.100	146	62169	17.842	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.723	75	8369	18.501	ug/l	99
93) 1,2,4-Trichlorobenzene	15.382	180	30666	16.200	ug/l	98
94) Hexachlorobutadiene	15.494	225	15358	17.579	ug/l	99
95) Naphthalene	15.635	128	84376	15.650	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	29561	16.366	ug/l	96

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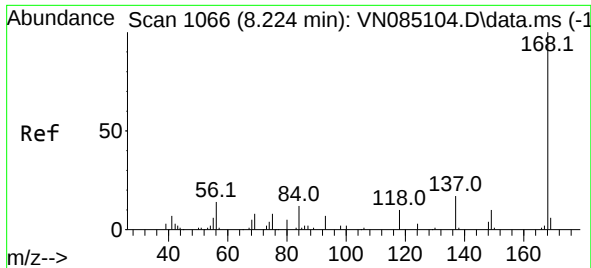
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 12/16/2024

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Quant Title : SW846 8260
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Response via : Initial Calibration

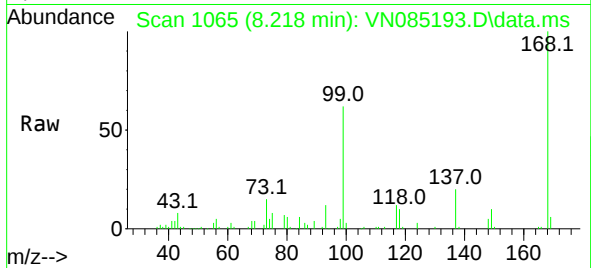
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.000 min
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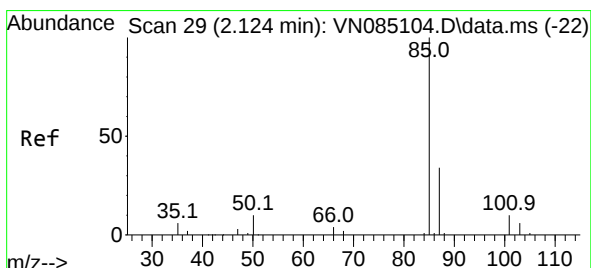
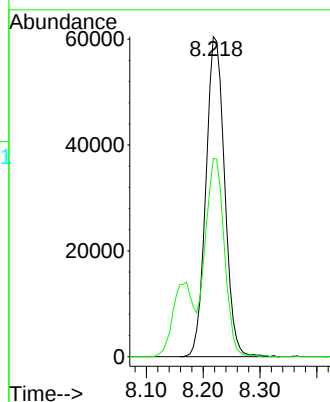
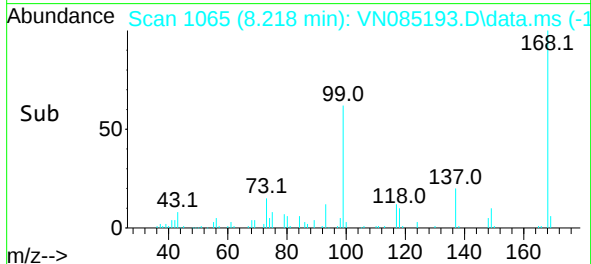
Instrument :
MSVOA_N
ClientSampleId :
VN1213WBSD01



Tgt Ion:168 Resp: 137829
Ion Ratio Lower Upper
168 100
99 62.0 51.2 76.8

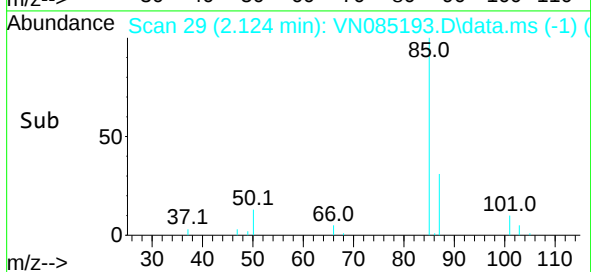
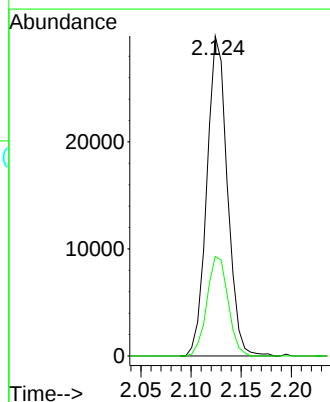
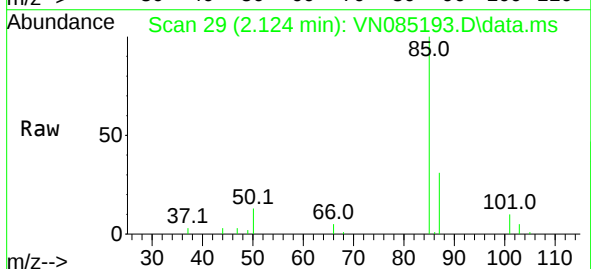
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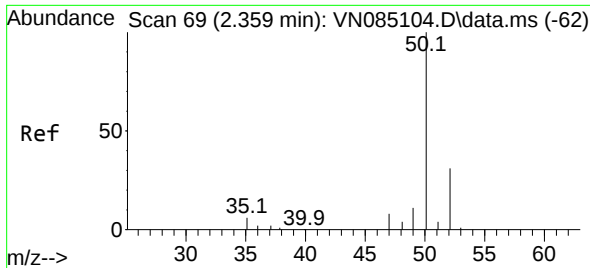
Reviewed By :Semsettin Yesilyurt 12/16/2024
Supervised By :Mahesh Dadoda 12/16/2024



#2
Dichlorodifluoromethane
Concen: 27.315 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.006 min
Lab File: VN085193.D
Acq: 13 Dec 2024 13:52

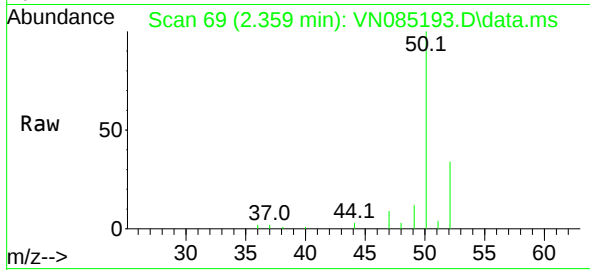
Tgt Ion: 85 Resp: 42570
Ion Ratio Lower Upper
85 100
87 31.1 15.7 47.1





#3
Chloromethane
Concen: 20.582 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN085193.D
Acq: 13 Dec 2024 13:52

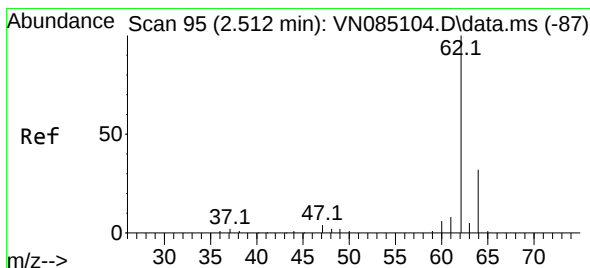
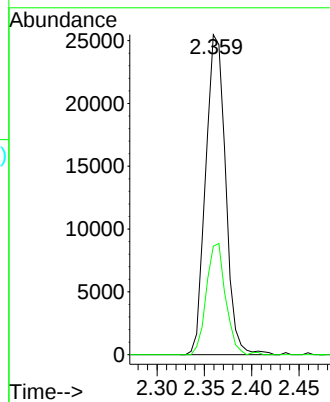
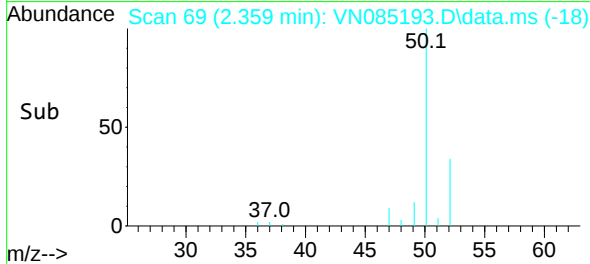
Instrument :
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Tgt Ion: 50 Resp: 3720
Ion Ratio Lower Upper
50 100
52 33.9 27.8 41.8

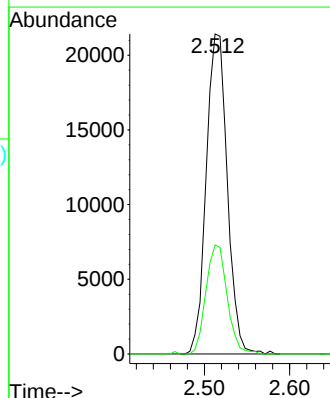
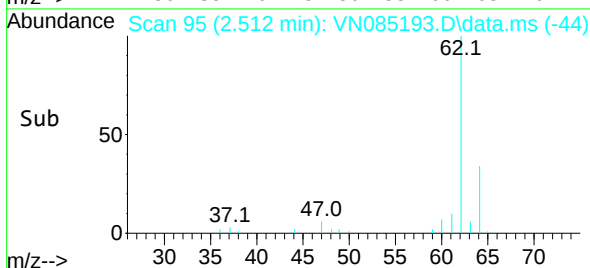
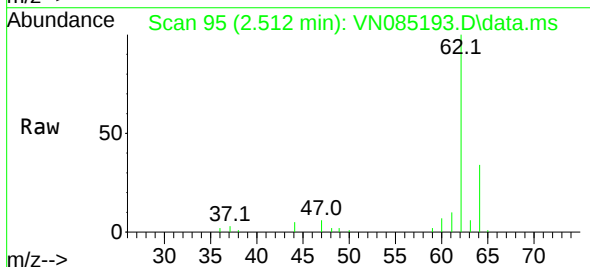
Manual Integrations
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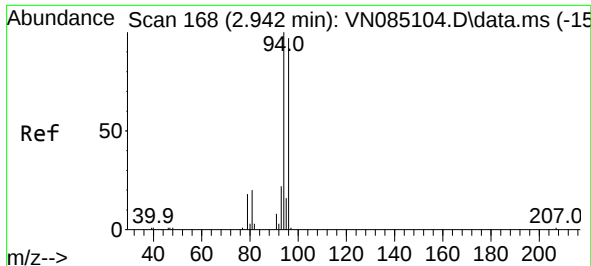
Reviewed By :Semsettin Yesilyurt 12/16/2024
Supervised By :Mahesh Dadoda 12/16/2024



#4
Vinyl Chloride
Concen: 22.652 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.000 min
Lab File: VN085193.D
Acq: 13 Dec 2024 13:52

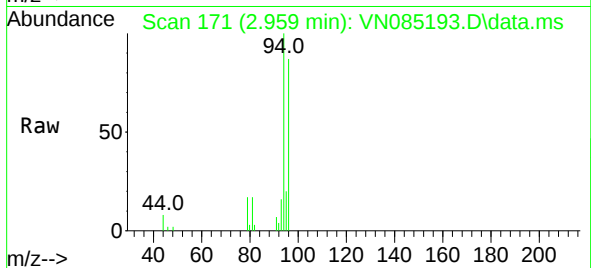
Tgt Ion: 62 Resp: 36797
Ion Ratio Lower Upper
62 100
64 34.0 24.6 36.8





#5
Bromomethane
Concen: 27.448 ug/l
RT: 2.959 min Scan# 11
Delta R.T. 0.059 min
Lab File: VN085193.D
Acq: 13 Dec 2024 13:52

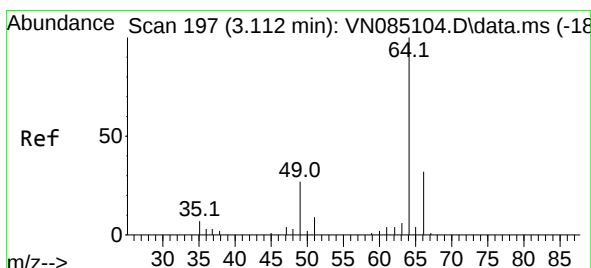
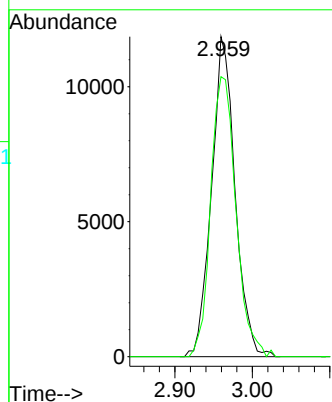
Instrument :
MSVOA_N
ClientSampleId :
VN1213WBSD01



Tgt Ion: 94 Resp: 2499
Ion Ratio Lower Upper
94 100
96 87.5 78.7 118.1

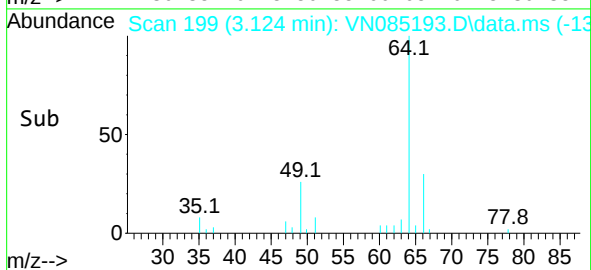
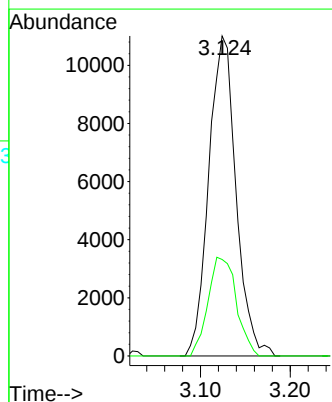
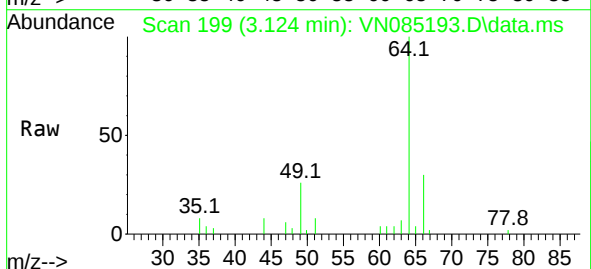
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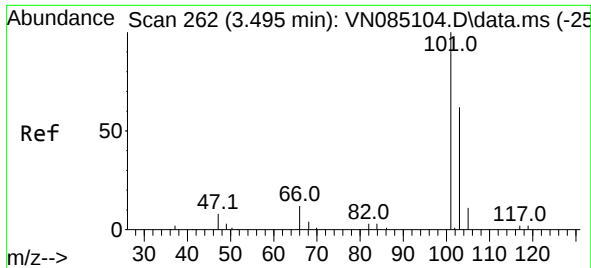
Reviewed By :Semsettin Yesilyurt 12/16/2024
Supervised By :Mahesh Dadoda 12/16/2024



#6
Chloroethane
Concen: 21.205 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.059 min
Lab File: VN085193.D
Acq: 13 Dec 2024 13:52

Tgt Ion: 64 Resp: 23218
Ion Ratio Lower Upper
64 100
66 30.1 24.4 36.6





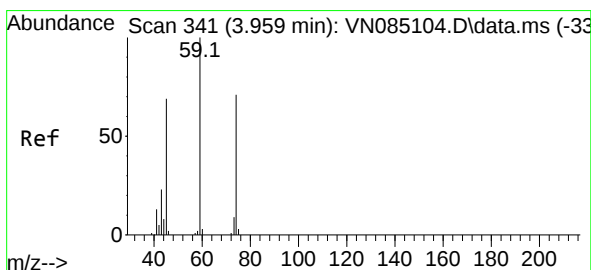
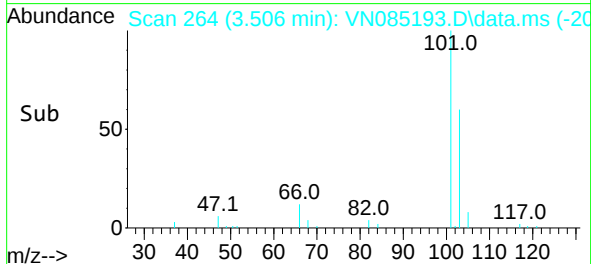
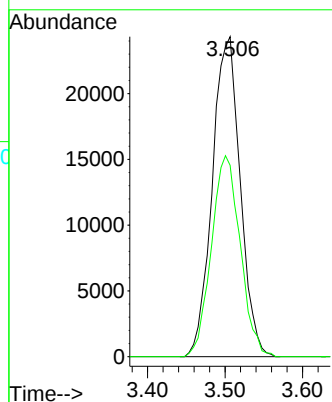
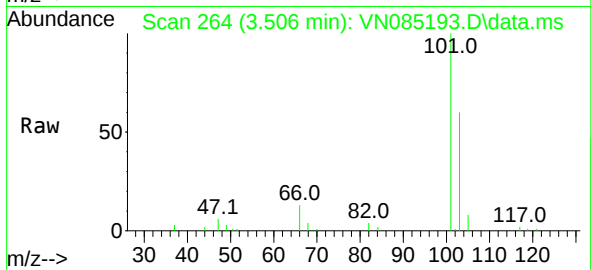
#7
Trichlorofluoromethane
Concen: 22.029 ug/l
RT: 3.506 min Scan# 20
Delta R.T. 0.047 min
Lab File: VN085193.D
Acq: 13 Dec 2024 13:52

Instrument :
MSVOA_N
ClientSampleId :
VN1213WBSD01

Tgt Ion:101 Resp: 60874
Ion Ratio Lower Upper
101 100
103 59.8 52.6 78.8

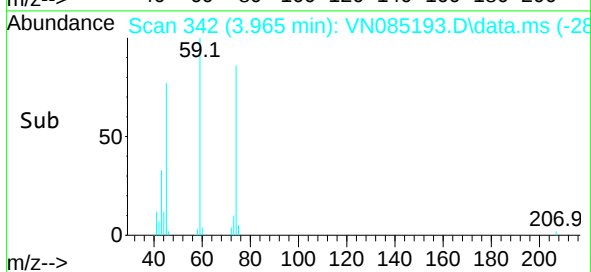
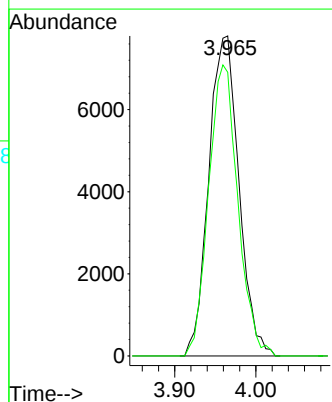
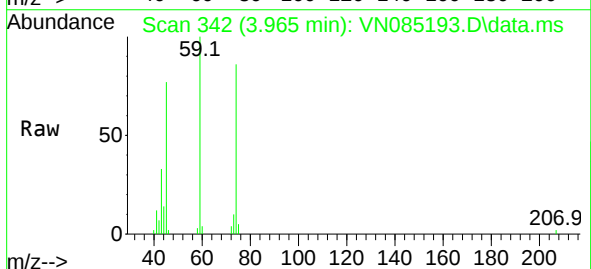
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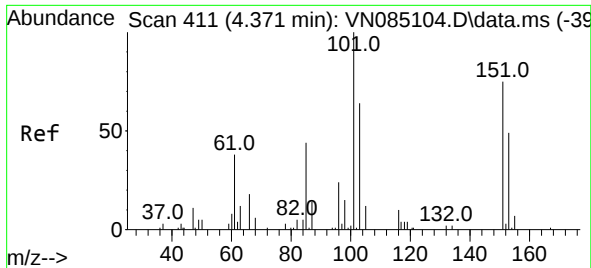
Reviewed By :Semsettin Yesilyurt 12/16/2024
Supervised By :Mahesh Dadoda 12/16/2024



#8
Diethyl Ether
Concen: 21.398 ug/l
RT: 3.965 min Scan# 342
Delta R.T. 0.018 min
Lab File: VN085193.D
Acq: 13 Dec 2024 13:52

Tgt Ion: 74 Resp: 20125
Ion Ratio Lower Upper
74 100
45 88.3 46.7 140.1





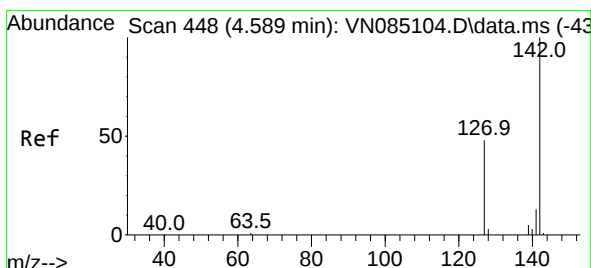
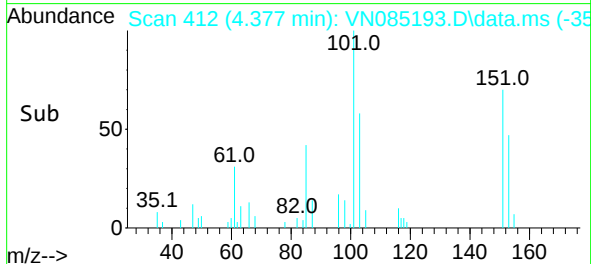
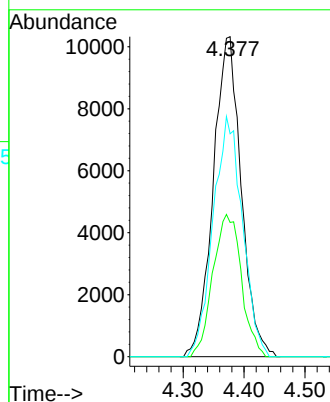
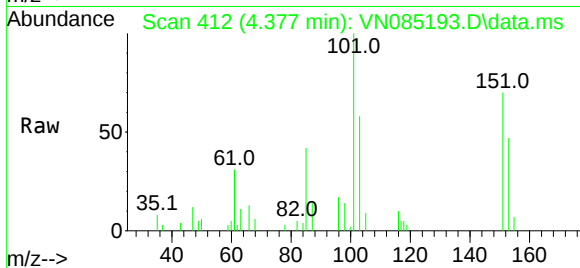
#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.008 ug/l
RT: 4.377 min Scan# 411
Delta R.T. 0.023 min
Lab File: VN085193.D
Acq: 13 Dec 2024 13:52

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ClientSampleId :
VN1213WBSD01

Tgt Ion:101 Resp: 3292
Ion Ratio Lower Upper
101 100
85 45.3 36.9 55.3
151 78.6 60.8 91.2

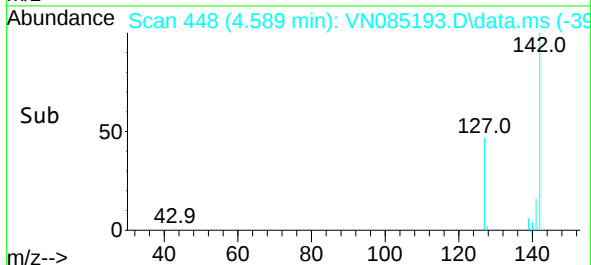
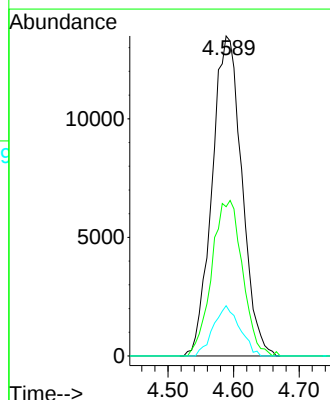
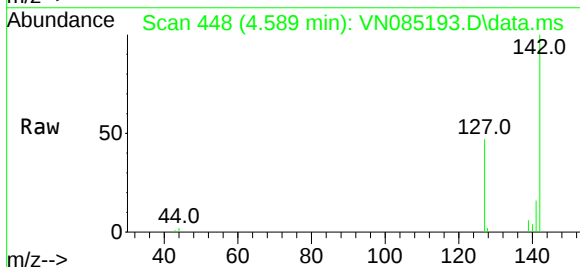
Manual Integrations
APPROVED

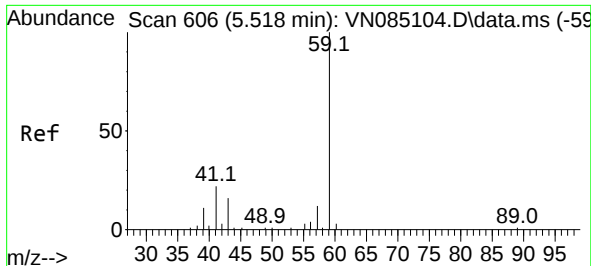
Reviewed By :Semsettin Yesilyurt 12/16/2024
Supervised By :Mahesh Dadoda 12/16/2024



#10
Methyl Iodide
Concen: 20.489 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.018 min
Lab File: VN085193.D
Acq: 13 Dec 2024 13:52

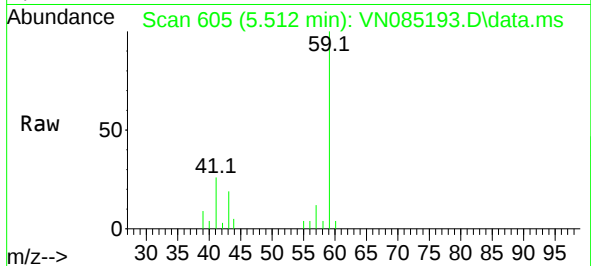
Tgt Ion:142 Resp: 42506
Ion Ratio Lower Upper
142 100
127 46.7 36.6 54.8
141 15.7 12.2 18.4





#11
Tert butyl alcohol
Concen: 95.740 ug/l
RT: 5.512 min Scan# 606
Delta R.T. -0.030 min
Lab File: VN085193.D
Acq: 13 Dec 2024 13:52

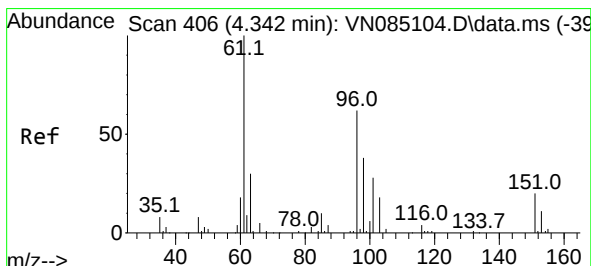
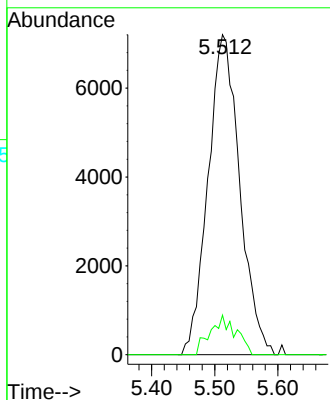
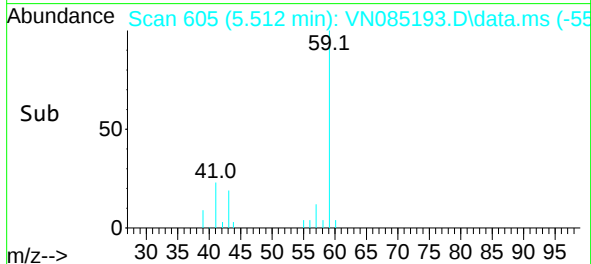
Instrument :
MSVOA_N
ClientSampleId :
VN1213WBSD01



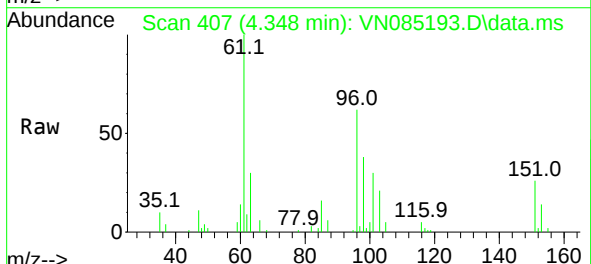
Tgt Ion: 59 Resp: 25118
Ion Ratio Lower Upper
59 100
57 9.9 7.4 11.0

Manual Integrations
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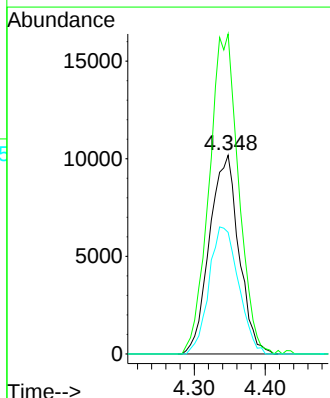
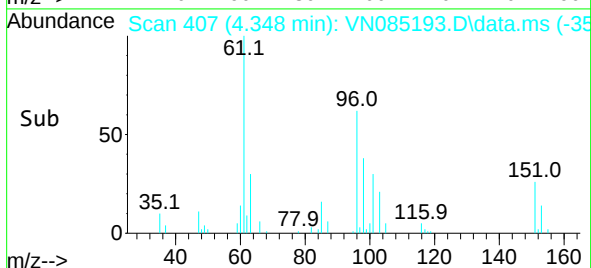
Reviewed By :Semsettin Yesilyurt 12/16/2024
Supervised By :Mahesh Dadoda 12/16/2024

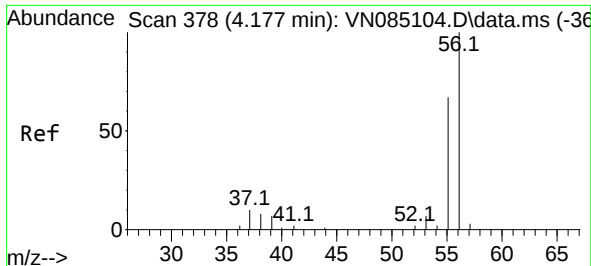


#12
1,1-Dichloroethene
Concen: 19.983 ug/l
RT: 4.348 min Scan# 407
Delta R.T. 0.029 min
Lab File: VN085193.D
Acq: 13 Dec 2024 13:52



Tgt Ion: 96 Resp: 29233
Ion Ratio Lower Upper
96 100
61 161.1 127.8 191.8
98 61.2 49.2 73.8





#13

Acrolein

Concen: 94.487 ug/l

RT: 4.183 min Scan# 31

Delta R.T. 0.018 min

Lab File: VN085193.D

Acq: 13 Dec 2024 13:52

Instrument :

MSVOA_N

ClientSampleId :

VN1213WBSD01

Tgt Ion: 56 Resp: 1654

Ion Ratio Lower Upper

56 100

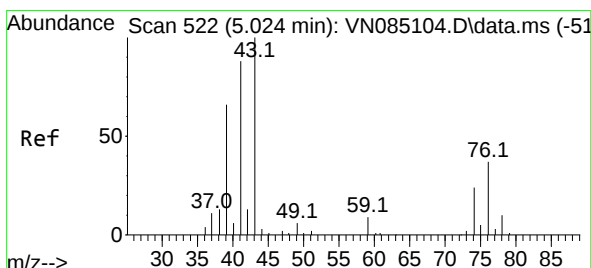
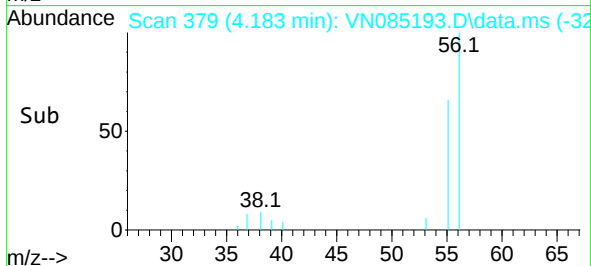
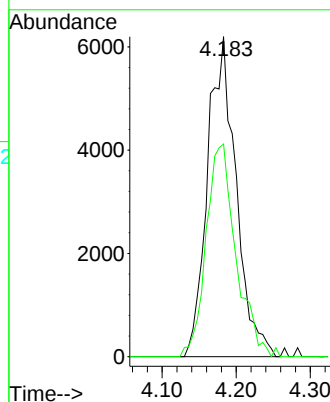
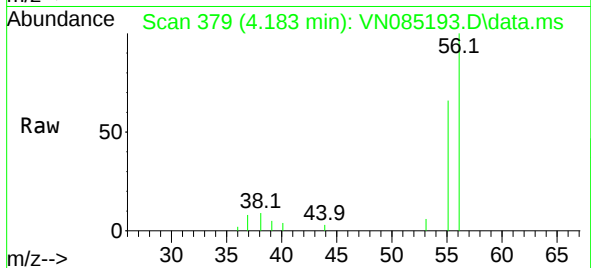
55 69.7 54.5 81.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/16/2024

Supervised By :Mahesh Dadoda 12/16/2024



#14

Allyl chloride

Concen: 16.784 ug/l

RT: 5.018 min Scan# 521

Delta R.T. 0.012 min

Lab File: VN085193.D

Acq: 13 Dec 2024 13:52

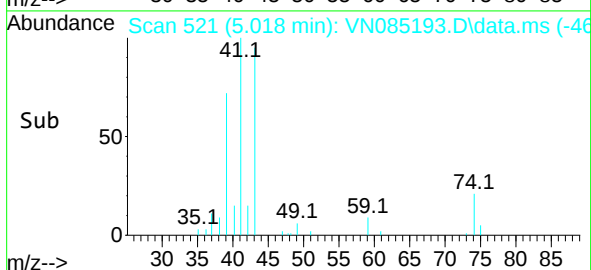
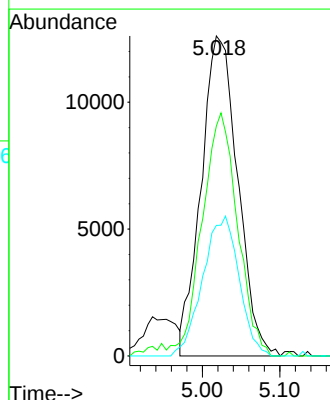
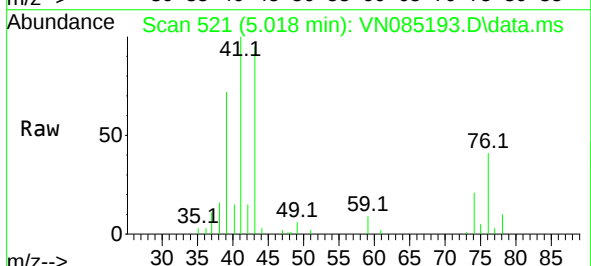
Tgt Ion: 41 Resp: 41392

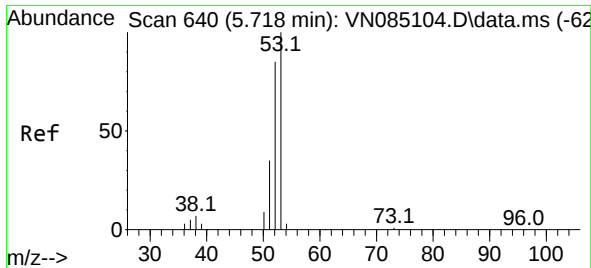
Ion Ratio Lower Upper

41 100

39 73.5 53.8 80.8

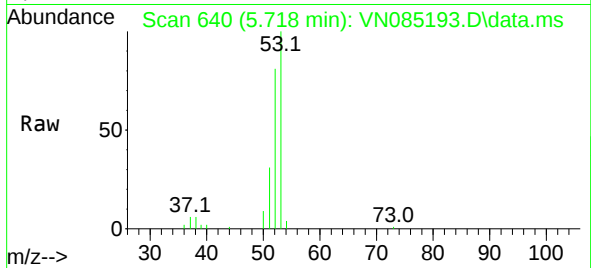
76 43.2 29.3 43.9





#15
Acrylonitrile
Concen: 105.492 ug/l
RT: 5.718 min Scan# 640
Delta R.T. 0.006 min
Lab File: VN085193.D
Acq: 13 Dec 2024 13:52

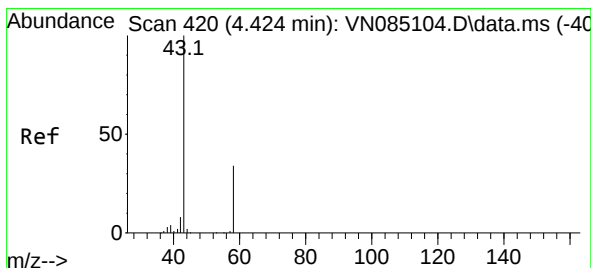
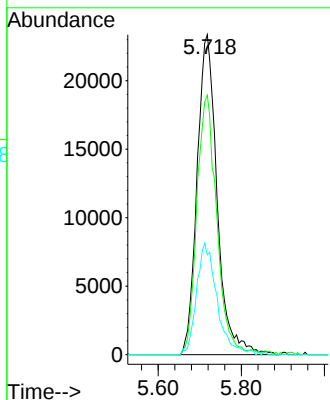
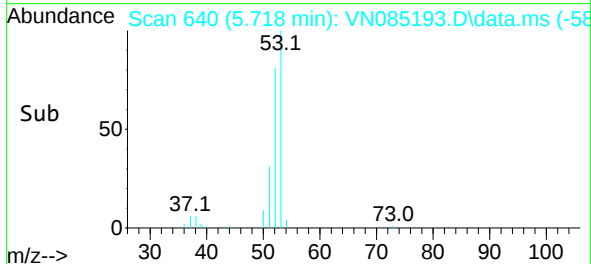
Instrument :
MSVOA_N
ClientSampleId :
VN1213WBSD01



Tgt Ion: 53 Resp: 78350
Ion Ratio Lower Upper
53 100
52 79.8 65.5 98.3
51 35.6 28.4 42.6

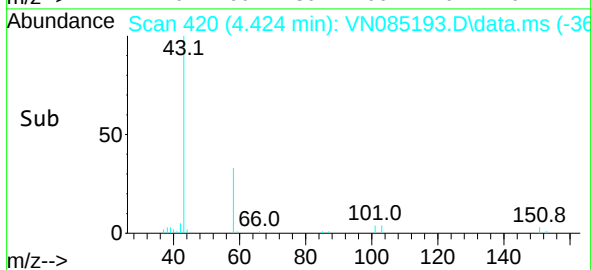
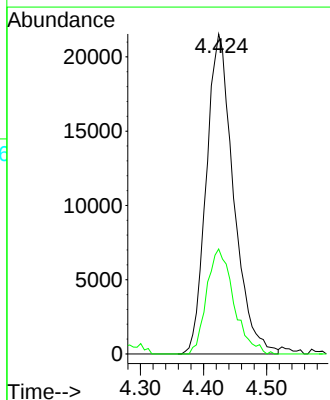
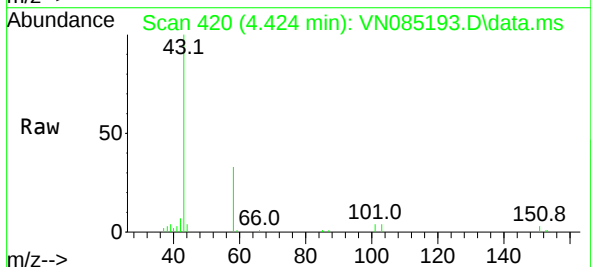
Manual Integrations
APPROVED

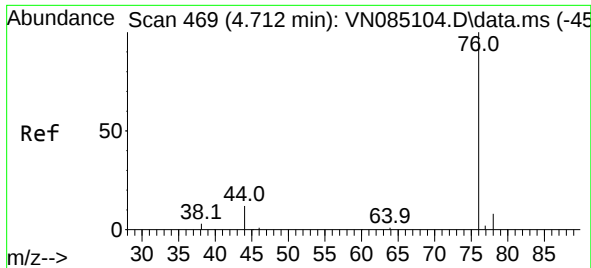
Reviewed By :Semsettin Yesilyurt 12/16/2024
Supervised By :Mahesh Dadoda 12/16/2024



#16
Acetone
Concen: 112.751 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN085193.D
Acq: 13 Dec 2024 13:52

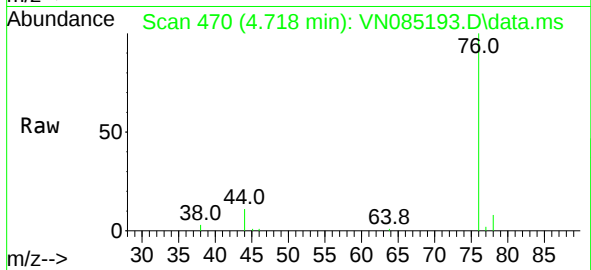
Tgt Ion: 43 Resp: 64469
Ion Ratio Lower Upper
43 100
58 32.8 25.4 38.2





#17
Carbon Disulfide
Concen: 21.181 ug/l
RT: 4.718 min Scan# 41
Delta R.T. 0.023 min
Lab File: VN085193.D
Acq: 13 Dec 2024 13:52

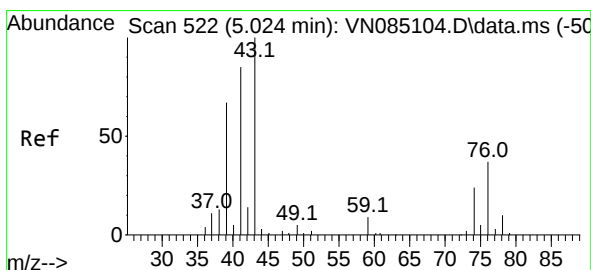
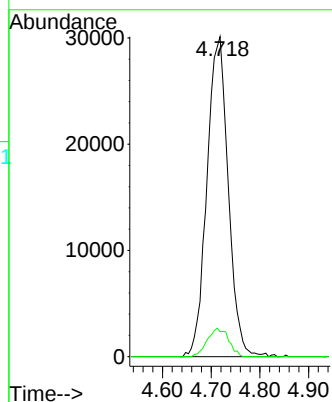
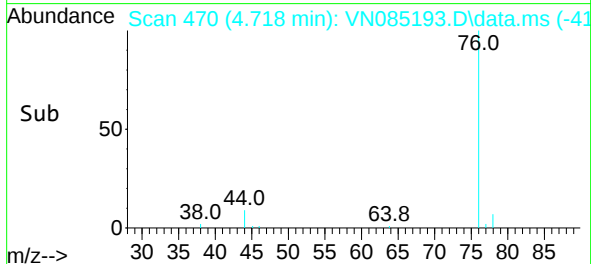
Instrument :
MSVOA_N
ClientSampleId :
VN1213WBSD01



Tgt Ion: 76 Resp: 91459
Ion Ratio Lower Upper
76 100
78 7.9 6.5 9.7

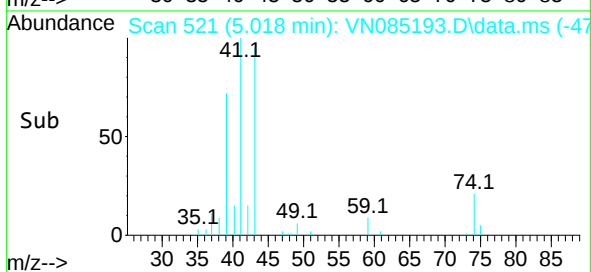
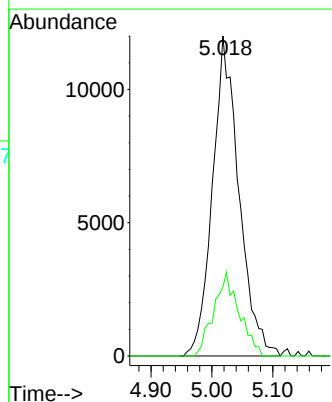
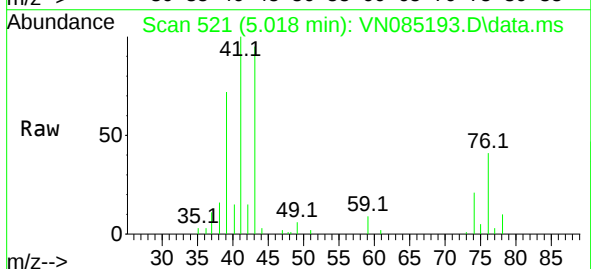
Manual Integrations
APPROVED

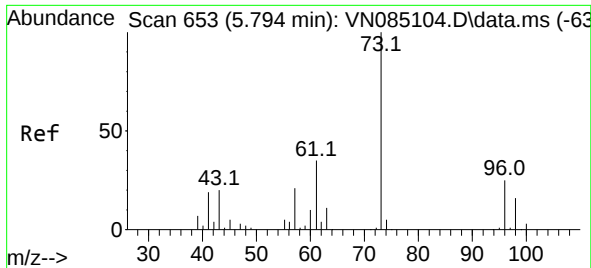
Reviewed By :Semsettin Yesilyurt 12/16/2024
Supervised By :Mahesh Dadoda 12/16/2024



#18
Methyl Acetate
Concen: 19.097 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.000 min
Lab File: VN085193.D
Acq: 13 Dec 2024 13:52

Tgt Ion: 43 Resp: 36197
Ion Ratio Lower Upper
43 100
74 25.0 20.1 30.1





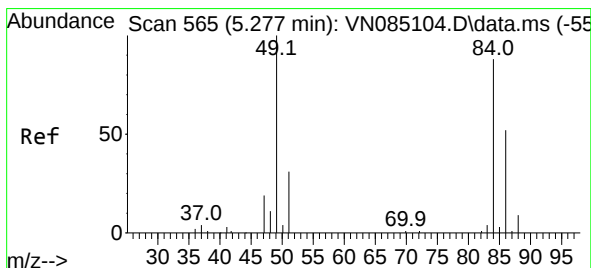
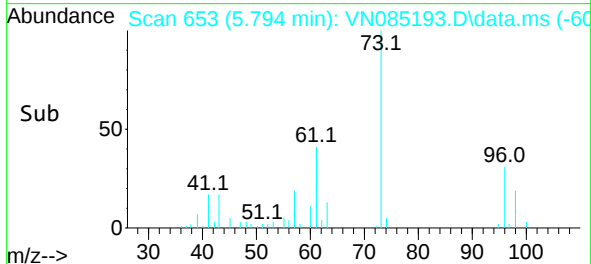
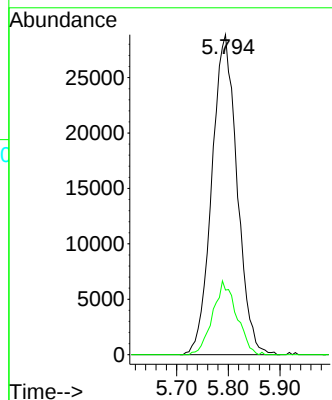
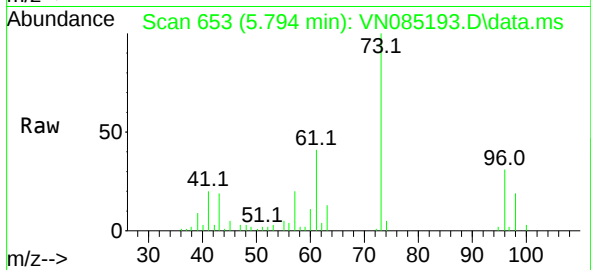
#19
Methyl tert-butyl Ether
Concen: 20.527 ug/l
RT: 5.794 min Scan# 611
Delta R.T. 0.006 min
Lab File: VN085193.D
Acq: 13 Dec 2024 13:52

Instrument :
MSVOA_N
ClientSampleId :
VN1213WBSD01

Tgt Ion: 73 Resp: 98114
Ion Ratio Lower Upper
73 100
57 20.2 17.0 25.4

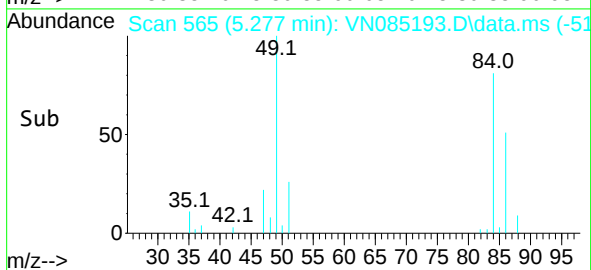
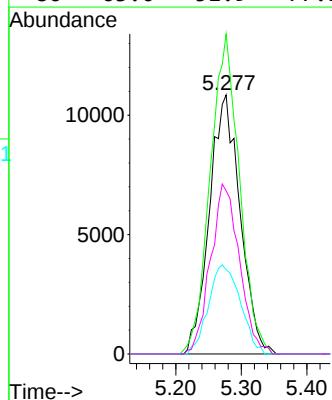
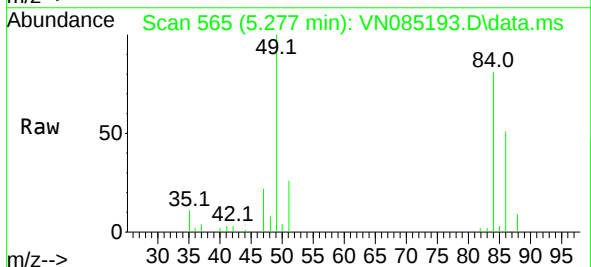
Manual Integrations
APPROVED

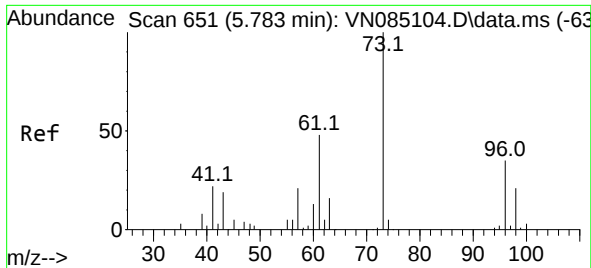
Reviewed By :Semsettin Yesilyurt 12/16/2024
Supervised By :Mahesh Dadoda 12/16/2024



#20
Methylene Chloride
Concen: 20.144 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.012 min
Lab File: VN085193.D
Acq: 13 Dec 2024 13:52

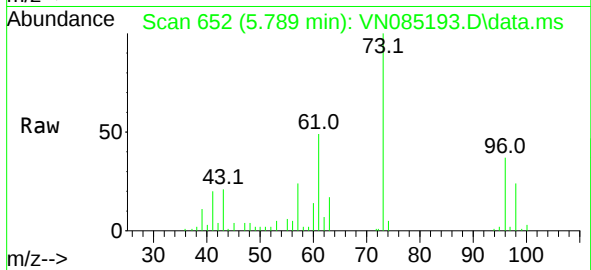
Tgt Ion: 84 Resp: 35147
Ion Ratio Lower Upper
84 100
49 123.5 92.7 139.1
51 32.6 29.4 44.2
86 63.0 51.9 77.9





#21
trans-1,2-Dichloroethene
Concen: 20.122 ug/l
RT: 5.789 min Scan# 61
Delta R.T. 0.018 min
Lab File: VN085193.D
Acq: 13 Dec 2024 13:52

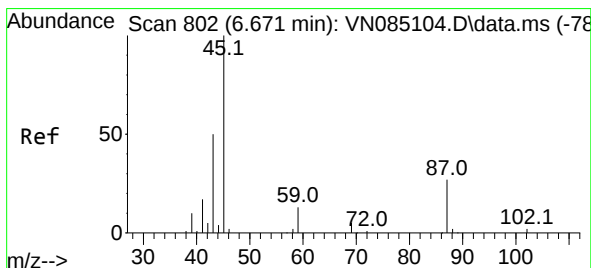
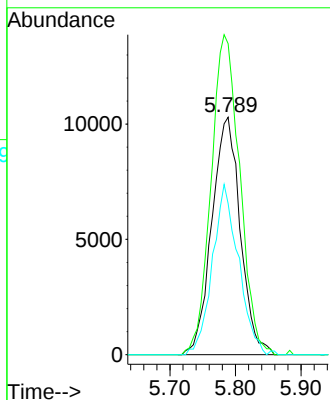
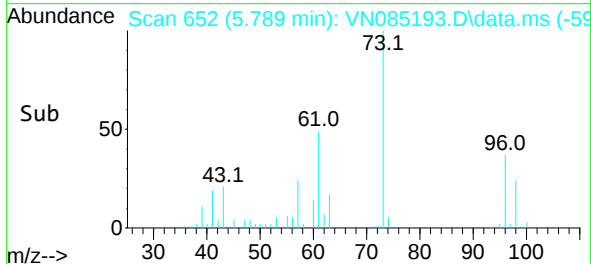
Instrument :
MSVOA_N
ClientSampleId :
VN1213WBSD01



Tgt Ion: 96 Resp: 30978
Ion Ratio Lower Upper
96 100
61 131.0 100.7 151.1
98 63.7 45.8 68.6

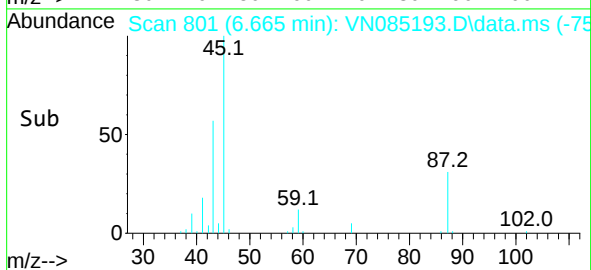
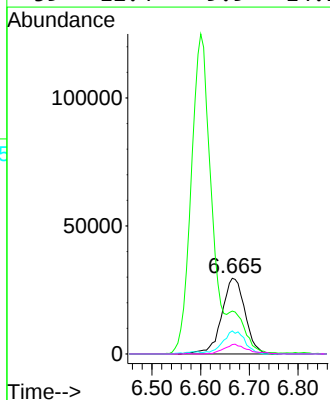
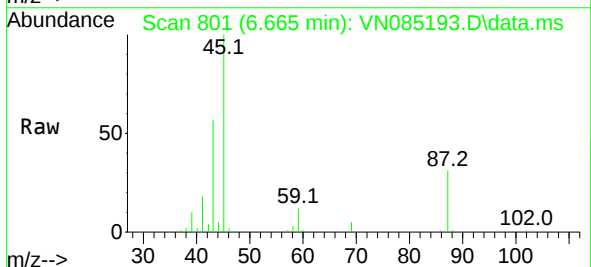
Manual Integrations
APPROVED

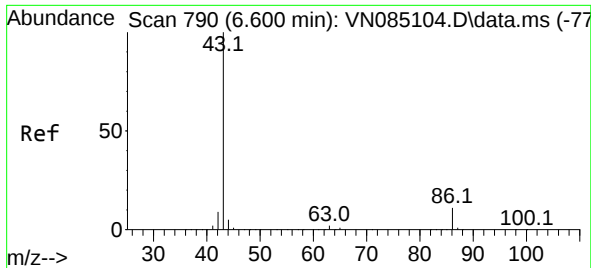
Reviewed By :Semsettin Yesilyurt 12/16/2024
Supervised By :Mahesh Dadoda 12/16/2024



#22
Diisopropyl ether
Concen: 19.753 ug/l
RT: 6.665 min Scan# 801
Delta R.T. -0.000 min
Lab File: VN085193.D
Acq: 13 Dec 2024 13:52

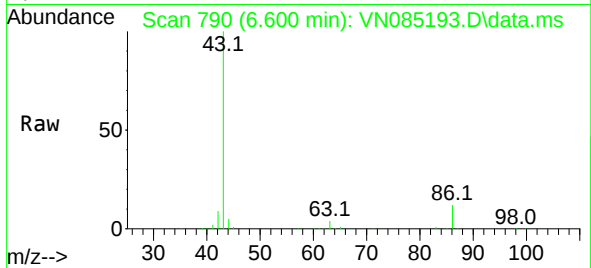
Tgt Ion: 45 Resp: 98045
Ion Ratio Lower Upper
45 100
43 55.6 42.7 64.1
87 30.5 22.6 34.0
59 12.4 9.9 14.9





#23
 Vinyl Acetate
 Concen: 103.780 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. 0.006 min
 Lab File: VN085193.D
 Acq: 13 Dec 2024 13:52

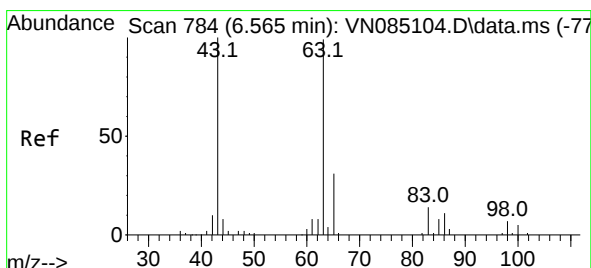
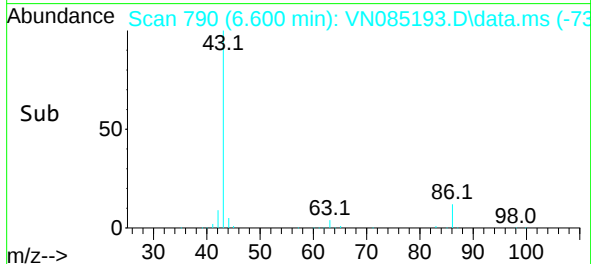
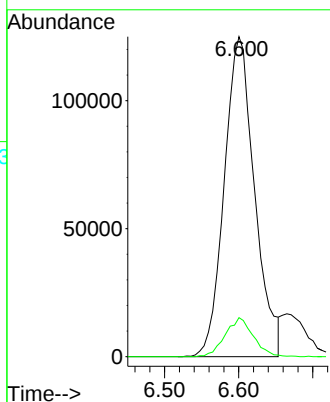
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1213WBSD01



Tgt Ion: 43 Resp: 355368
 Ion Ratio Lower Upper
 43 100
 86 12.2 8.9 13.3

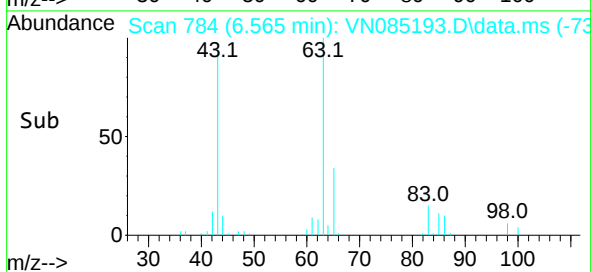
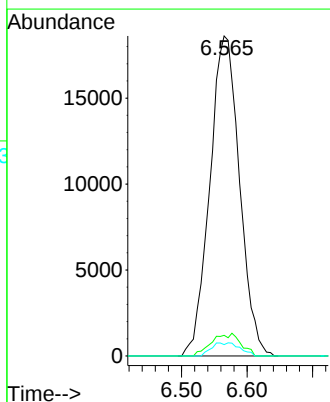
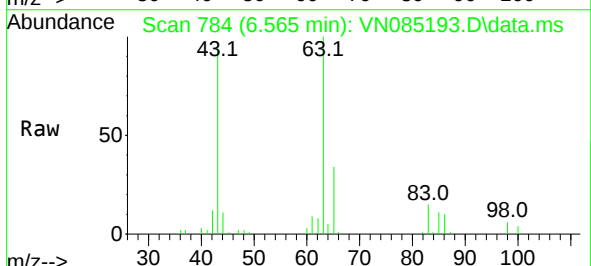
Manual Integrations
 APPROVED

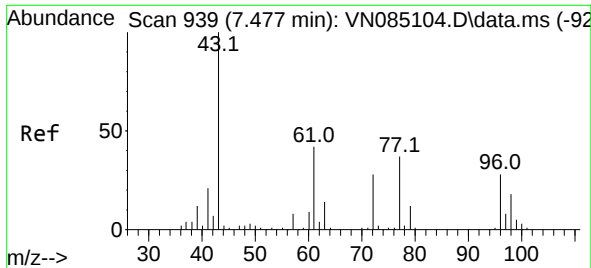
Reviewed By :Semsettin Yesilyurt 12/16/2024
 Supervised By :Mahesh Dadoda 12/16/2024



#24
 1,1-Dichloroethane
 Concen: 19.732 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. 0.012 min
 Lab File: VN085193.D
 Acq: 13 Dec 2024 13:52

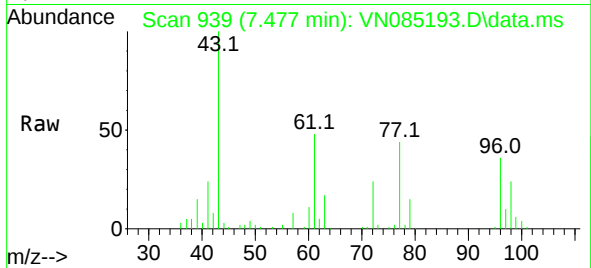
Tgt Ion: 63 Resp: 58611
 Ion Ratio Lower Upper
 63 100
 98 6.4 3.3 9.8
 100 3.5 2.2 6.6





#25
2-Butanone
Concen: 103.843 ug/l
RT: 7.477 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN085193.D
Acq: 13 Dec 2024 13:52

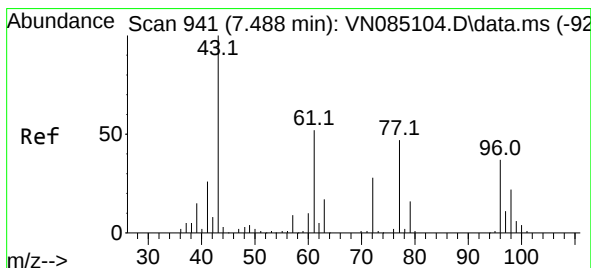
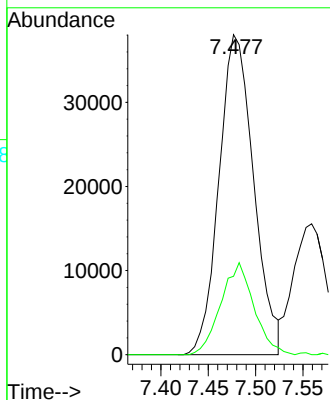
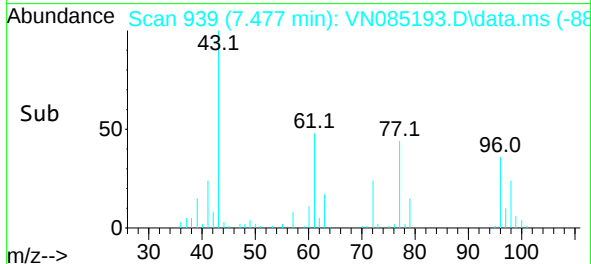
Instrument :
MSVOA_N
ClientSampleId :
VN1213WBSD01



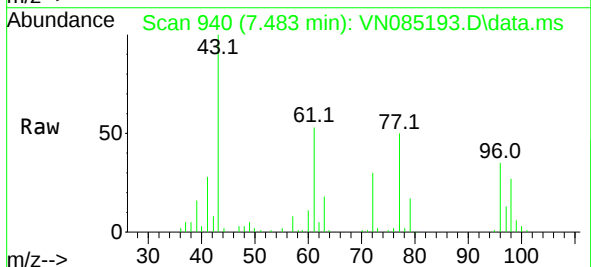
Tgt Ion: 43 Resp: 97074
Ion Ratio Lower Upper
43 100
72 24.5 21.4 32.0

Manual Integrations
APPROVED

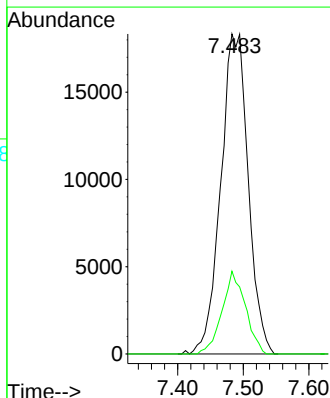
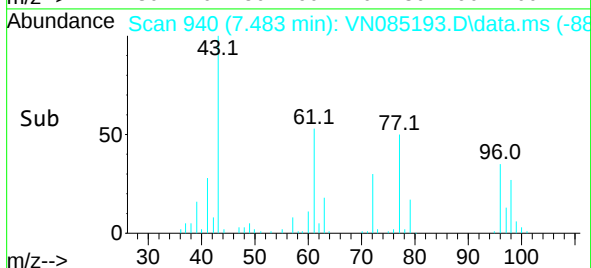
Reviewed By :Semsettin Yesilyurt 12/16/2024
Supervised By :Mahesh Dadoda 12/16/2024

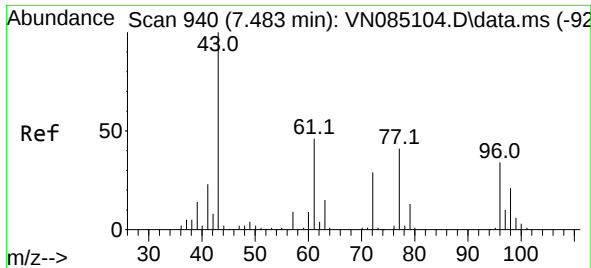


#26
2,2-Dichloropropane
Concen: 19.227 ug/l
RT: 7.483 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN085193.D
Acq: 13 Dec 2024 13:52



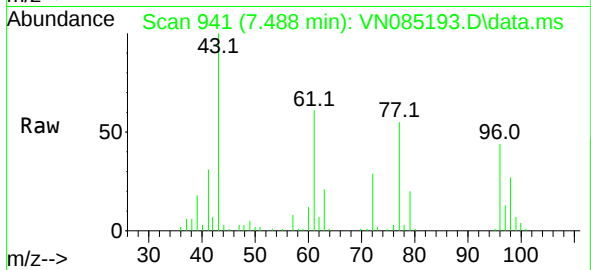
Tgt Ion: 77 Resp: 53328
Ion Ratio Lower Upper
77 100
97 22.0 10.9 32.7





#27
 cis-1,2-Dichloroethene
 Concen: 19.576 ug/l
 RT: 7.488 min Scan# 941
 Delta R.T. 0.012 min
 Lab File: VN085193.D
 Acq: 13 Dec 2024 13:52

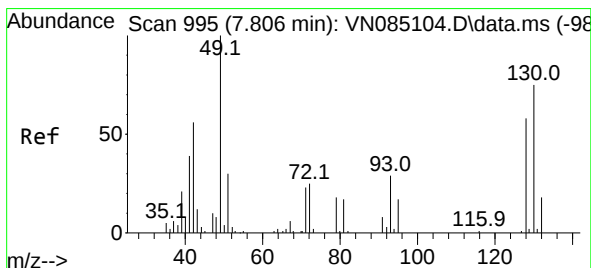
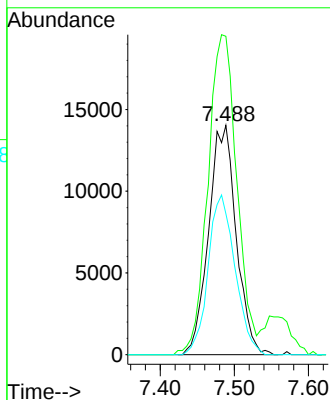
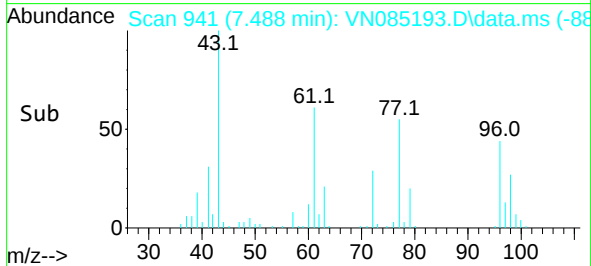
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1213WBSD01



Tgt Ion: 96 Resp: 3633
 Ion Ratio Lower Upper
 96 100
 61 146.0 0.0 291.6
 98 67.9 0.0 129.8

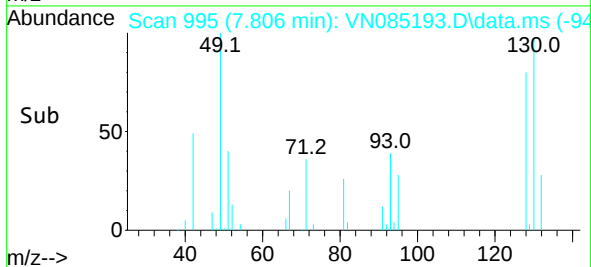
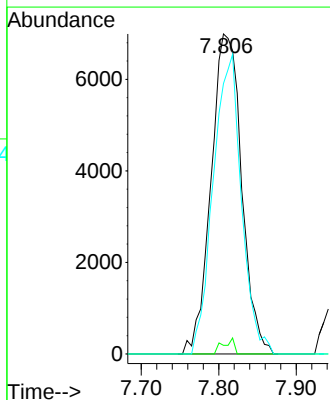
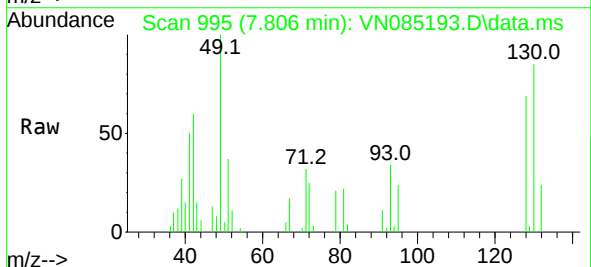
Manual Integrations
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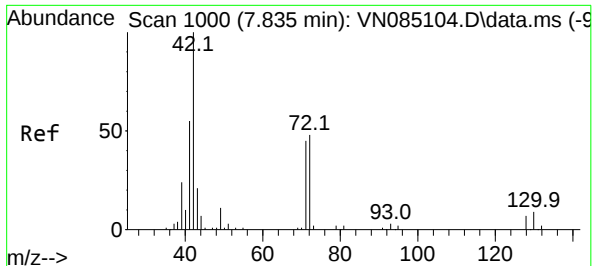
Reviewed By :Semsettin Yesilyurt 12/16/2024
 Supervised By :Mahesh Dadoda 12/16/2024



#28
 Bromochloromethane
 Concen: 17.074 ug/l
 RT: 7.806 min Scan# 995
 Delta R.T. -0.000 min
 Lab File: VN085193.D
 Acq: 13 Dec 2024 13:52

Tgt Ion: 49 Resp: 19144
 Ion Ratio Lower Upper
 49 100
 129 1.8 0.0 4.0
 130 86.4 60.6 90.8





#29

Tetrahydrofuran

Concen: 107.391 ug/l

RT: 7.836 min Scan# 1000

Delta R.T. -0.000 min

Lab File: VN085193.D

Acq: 13 Dec 2024 13:52

Instrument :

MSVOA_N

ClientSampleId :

VN1213WBSD01

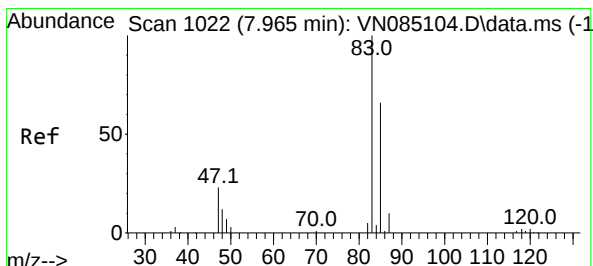
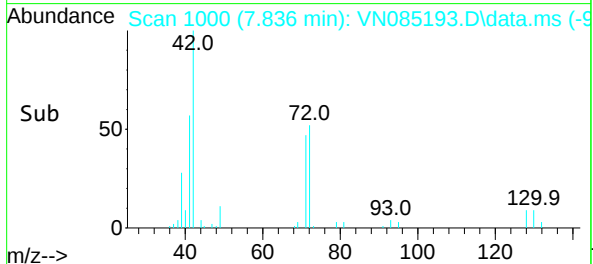
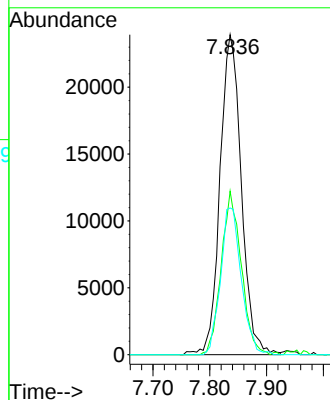
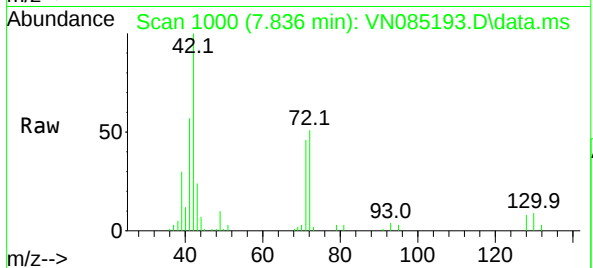
Tgt Ion: 42 Resp: 62430

Ion	Ratio	Lower	Upper
42	100		
72	48.0	37.0	55.4
71	44.8	35.0	52.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/16/2024
Supervised By :Mahesh Dadoda 12/16/2024



#30

Chloroform

Concen: 19.649 ug/l

RT: 7.959 min Scan# 1021

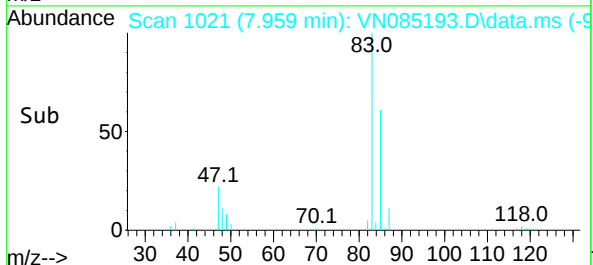
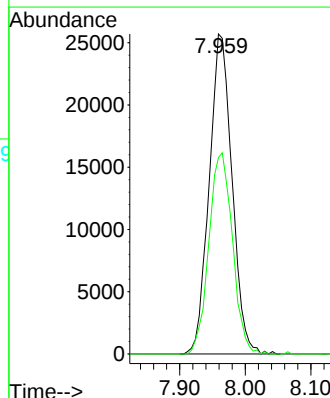
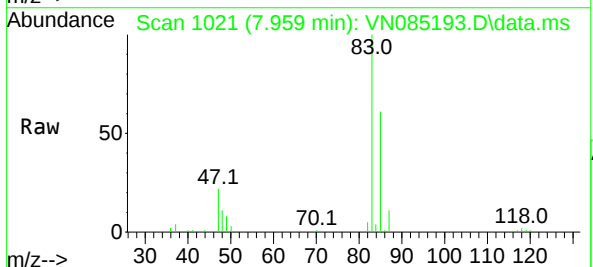
Delta R.T. -0.000 min

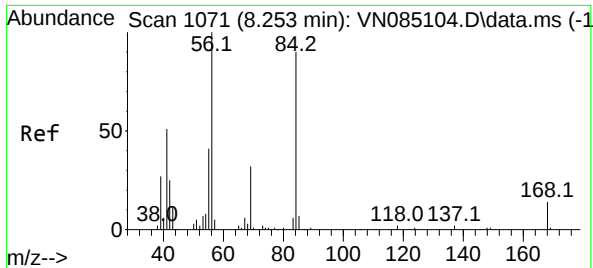
Lab File: VN085193.D

Acq: 13 Dec 2024 13:52

Tgt Ion: 83 Resp: 62083

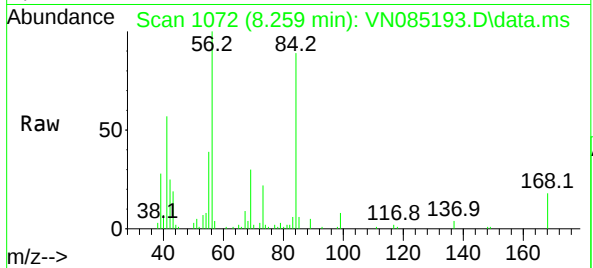
Ion	Ratio	Lower	Upper
83	100		
85	61.3	52.6	78.8





#31
Cyclohexane
Concen: 19.887 ug/l
RT: 8.259 min Scan# 1071
Delta R.T. 0.006 min
Lab File: VN085193.D
Acq: 13 Dec 2024 13:52

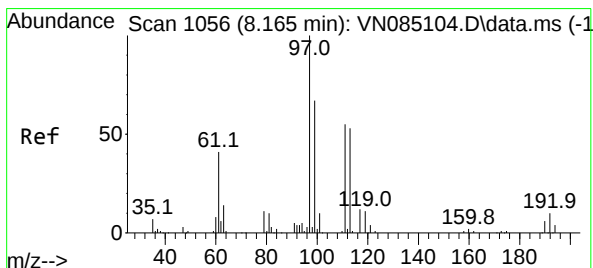
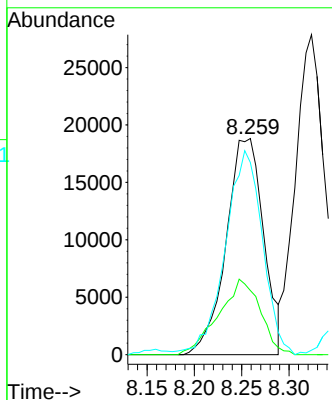
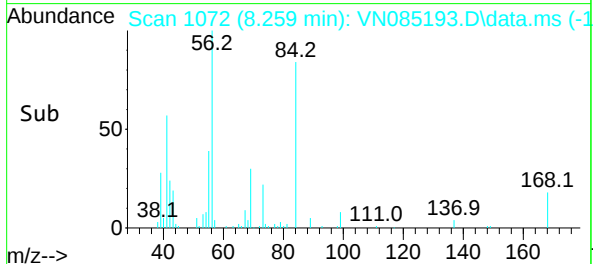
Instrument :
MSVOA_N
ClientSampleId :
VN1213WBSD01



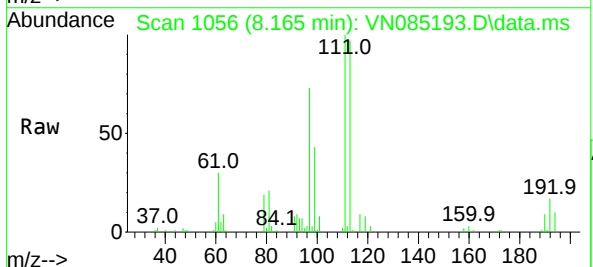
Tgt Ion: 56 Resp: 52010
Ion Ratio Lower Upper
56 100
69 29.7 24.6 36.8
84 87.2 71.4 107.2

Manual Integrations
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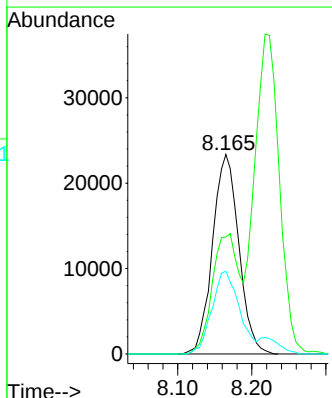
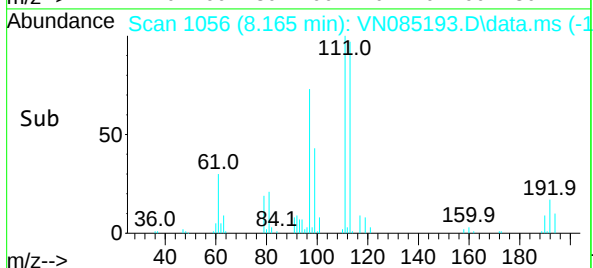
Reviewed By :Semsettin Yesilyurt 12/16/2024
Supervised By :Mahesh Dadoda 12/16/2024

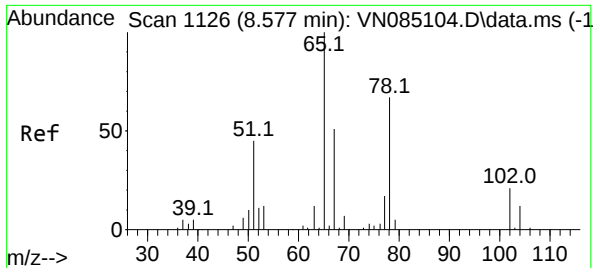


#32
1,1,1-Trichloroethane
Concen: 20.122 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN085193.D
Acq: 13 Dec 2024 13:52



Tgt Ion: 97 Resp: 57452
Ion Ratio Lower Upper
97 100
99 62.0 51.0 76.4
61 43.7 36.2 54.2





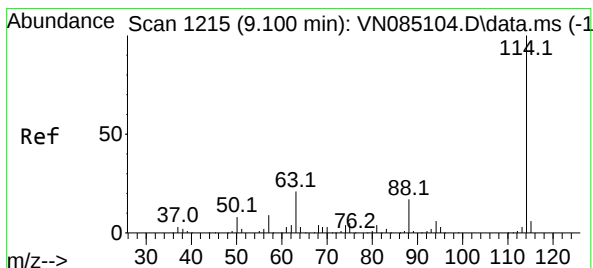
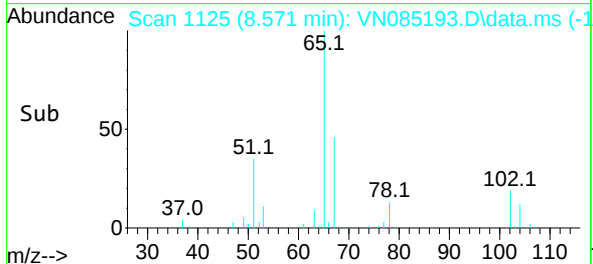
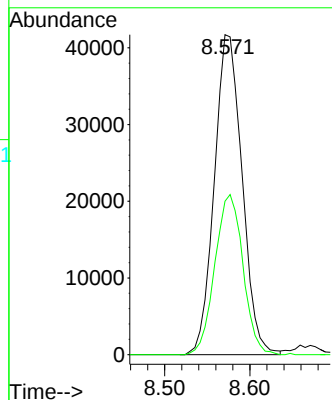
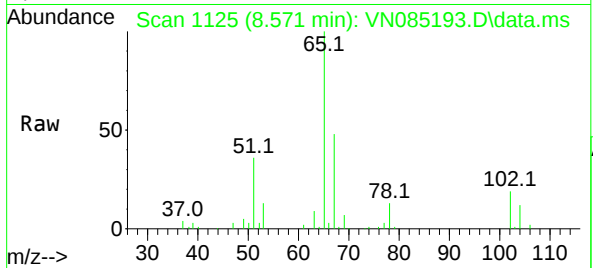
#33
1,2-Dichloroethane-d4
Concen: 48.116 ug/l
RT: 8.571 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN085193.D
Acq: 13 Dec 2024 13:52

Instrument :
MSVOA_N
ClientSampleId :
VN1213WBSD01

Tgt Ion: 65 Resp: 9446
Ion Ratio Lower Upper
65 100
67 50.6 0.0 105.0

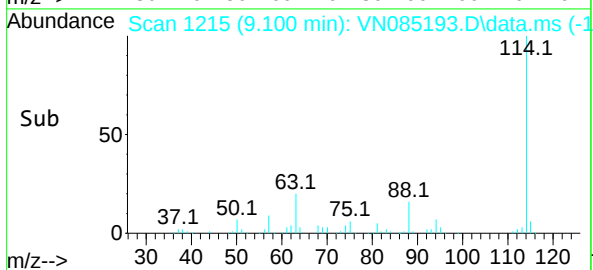
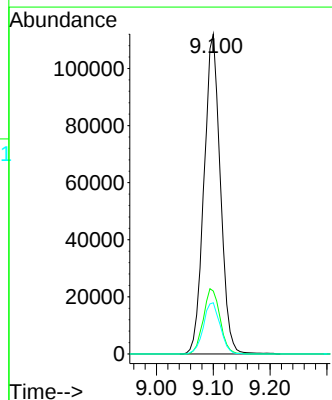
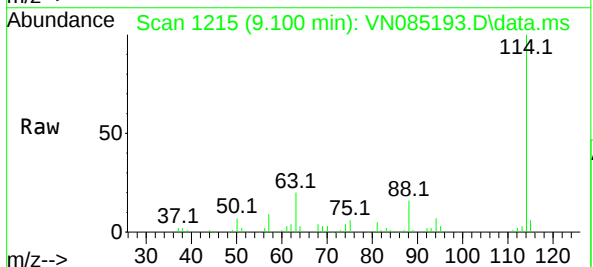
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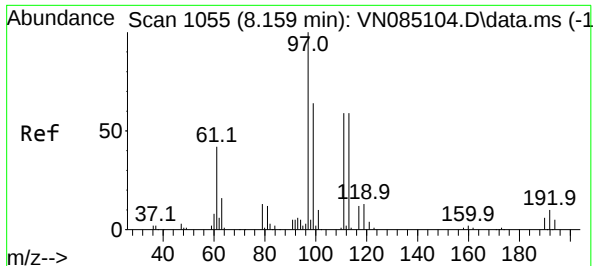
Reviewed By :Semsettin Yesilyurt 12/16/2024
Supervised By :Mahesh Dadoda 12/16/2024



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. 0.006 min
Lab File: VN085193.D
Acq: 13 Dec 2024 13:52

Tgt Ion:114 Resp: 223171
Ion Ratio Lower Upper
114 100
63 19.7 0.0 41.0
88 16.0 0.0 34.8





#35

Dibromofluoromethane

Concen: 49.679 ug/l

RT: 8.165 min Scan# 1055

Delta R.T. 0.006 min

Lab File: VN085193.D

Acq: 13 Dec 2024 13:52

Instrument :

MSVOA_N

ClientSampleId :

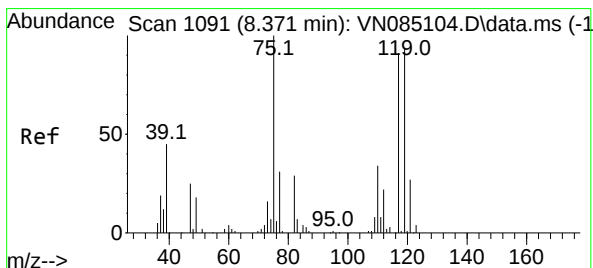
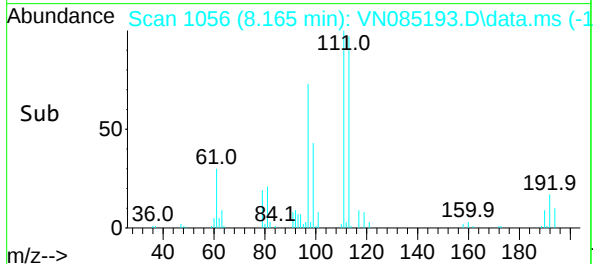
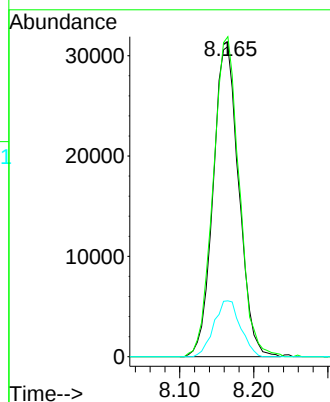
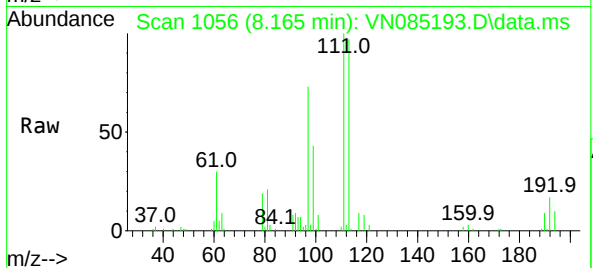
VN1213WBSD01

Tgt Ion:	113	Resp:	7476
Ion Ratio	Lower	Upper	
113	100		
111	104.2	82.0	123.0
192	18.5	14.8	22.2

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 12/16/2024
Supervised By :Mahesh Dadoda 12/16/2024



#36

1,1-Dichloropropene

Concen: 20.848 ug/l

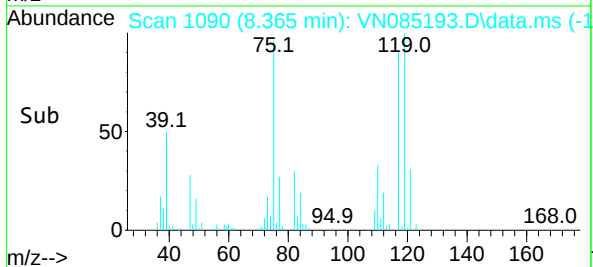
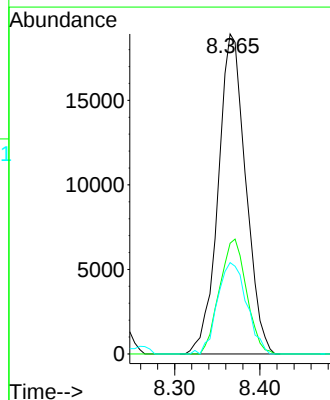
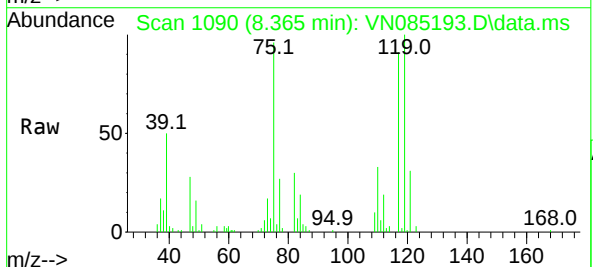
RT: 8.365 min Scan# 1090

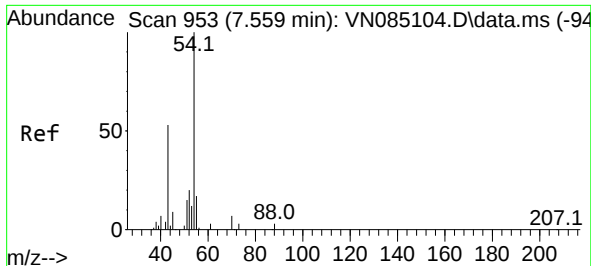
Delta R.T. -0.000 min

Lab File: VN085193.D

Acq: 13 Dec 2024 13:52

Tgt Ion:	75	Resp:	42499
Ion Ratio	Lower	Upper	
75	100		
110	35.0	17.2	51.6
77	30.2	24.2	36.4





#37

Ethyl Acetate

Concen: 21.768 ug/l

RT: 7.559 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN085193.D

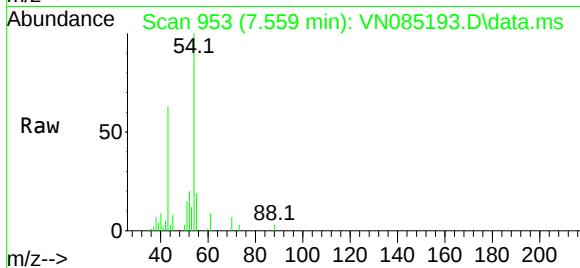
Acq: 13 Dec 2024 13:52

Instrument :

MSVOA_N

ClientSampleId :

VN1213WBSD01

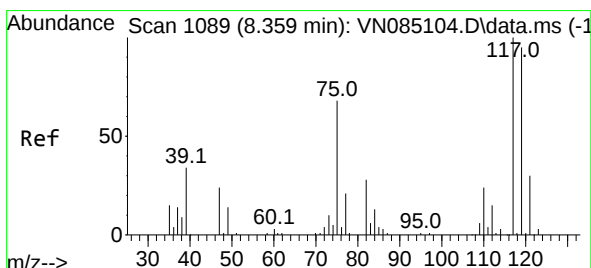
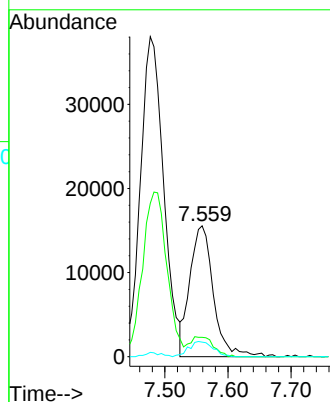
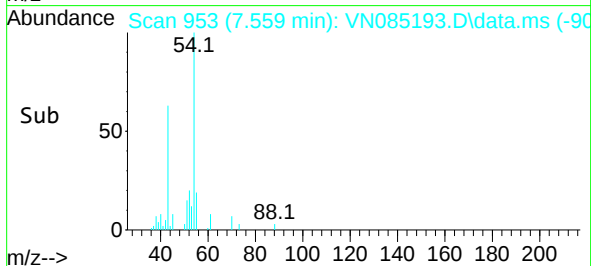


Tgt Ion: 43 Resp: 4034

Ion	Ratio	Lower	Upper
43	100		
61	14.0	11.7	17.5
70	11.9	9.3	13.9

Manual Integrations
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Reviewed By :Semsettin Yesilyurt 12/16/2024
Supervised By :Mahesh Dadoda 12/16/2024



#38

Carbon Tetrachloride

Concen: 21.426 ug/l

RT: 8.359 min Scan# 1089

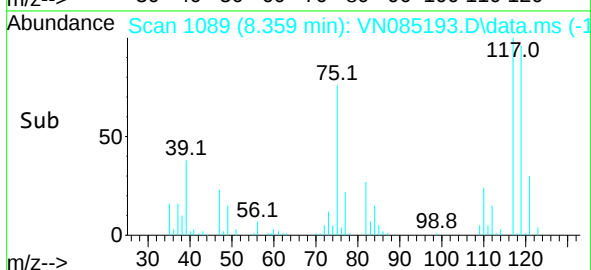
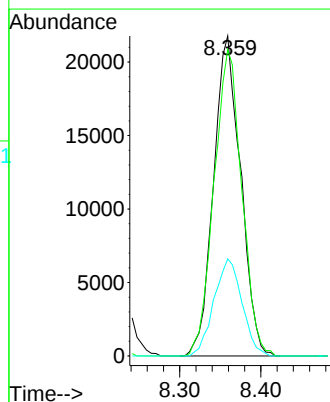
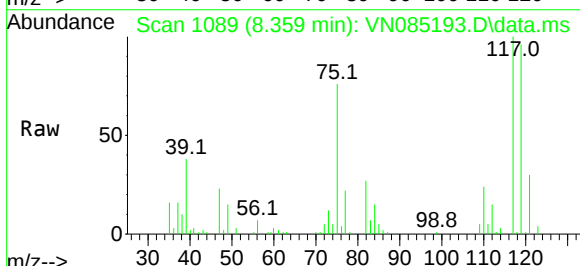
Delta R.T. 0.006 min

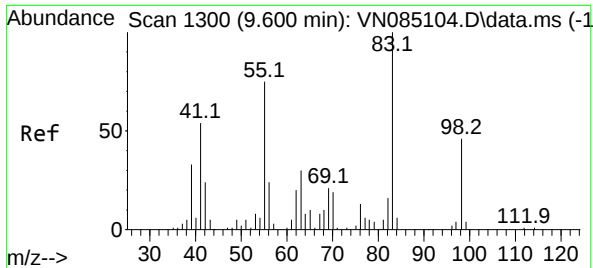
Lab File: VN085193.D

Acq: 13 Dec 2024 13:52

Tgt Ion:117 Resp: 50416

Ion	Ratio	Lower	Upper
117	100		
119	95.8	78.6	117.8
121	30.3	24.2	36.2





#39
Methylcyclohexane
Concen: 20.604 ug/l
RT: 9.600 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VN085193.D
Acq: 13 Dec 2024 13:52

Instrument :

MSVOA_N

ClientSampleId :

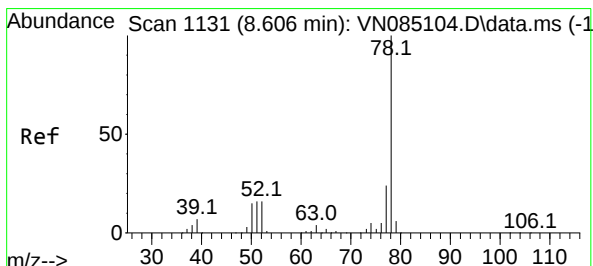
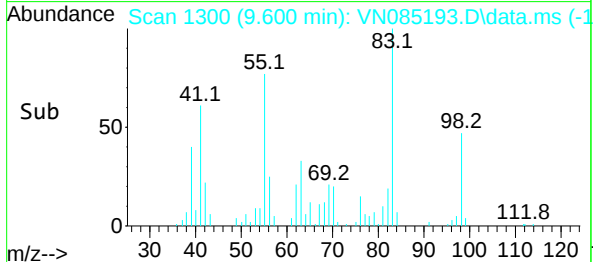
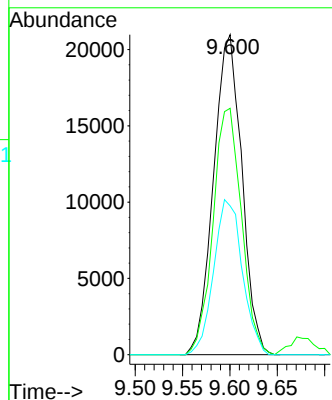
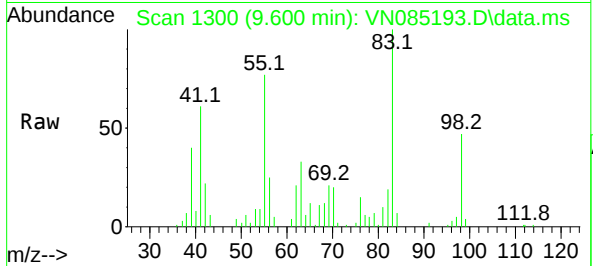
VN1213WBSD01

Tgt Ion: 83 Resp: 4364
Ion Ratio Lower Upper
83 100
55 77.0 61.8 92.6
98 46.5 37.0 55.6

Manual Integrations

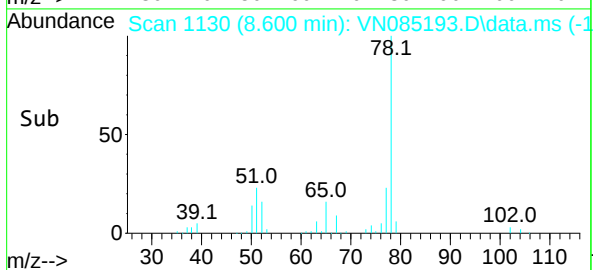
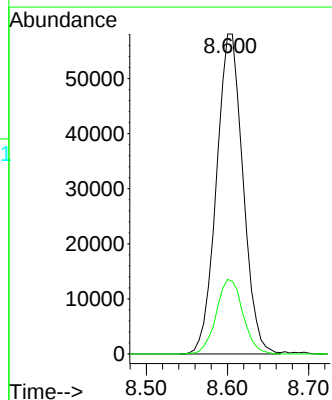
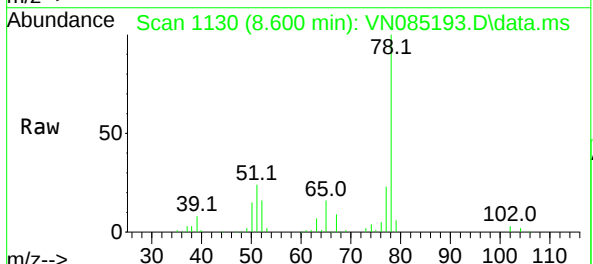
APPROVED

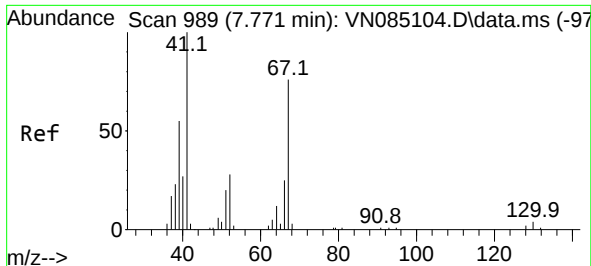
Reviewed By :Semsettin Yesilyurt 12/16/2024
Supervised By :Mahesh Dadoda 12/16/2024



#40
Benzene
Concen: 20.476 ug/l
RT: 8.600 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VN085193.D
Acq: 13 Dec 2024 13:52

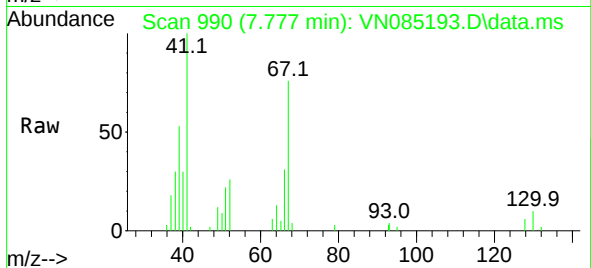
Tgt Ion: 78 Resp: 132014
Ion Ratio Lower Upper
78 100
77 23.3 18.5 27.7





#41
Methacrylonitrile
Concen: 21.731 ug/l
RT: 7.777 min Scan# 989
Delta R.T. 0.006 min
Lab File: VN085193.D
Acq: 13 Dec 2024 13:52

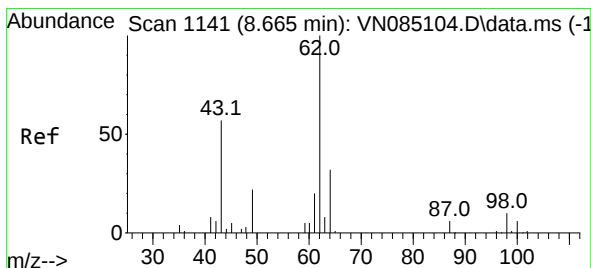
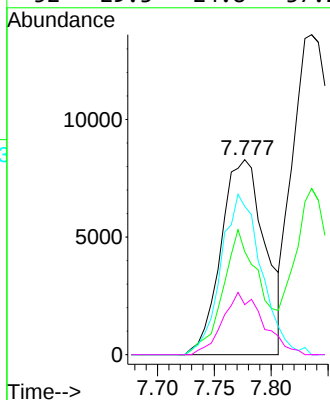
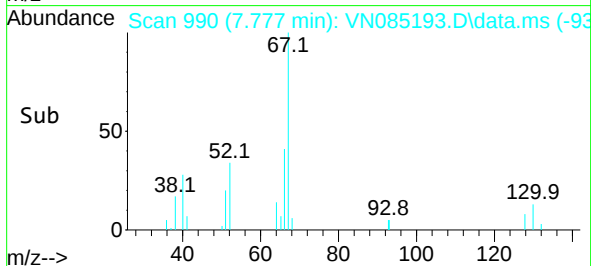
Instrument :
MSVOA_N
ClientSampleId :
VN1213WBSD01



Tgt Ion: 41 Resp: 22298
Ion Ratio Lower Upper
41 100
39 55.1 42.6 63.8
67 75.4 59.9 89.9
52 29.3 24.8 37.2

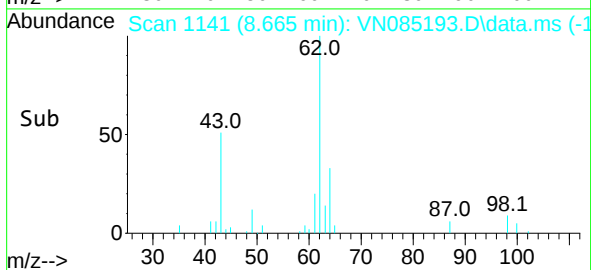
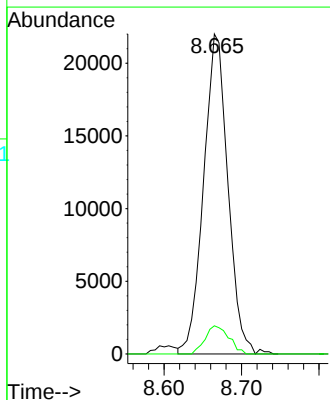
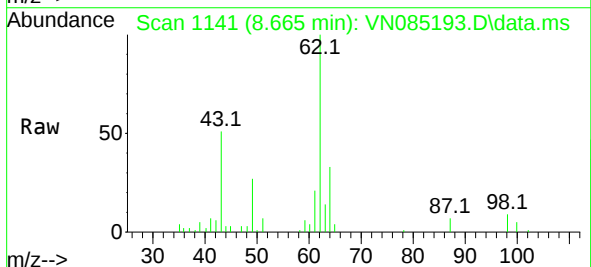
Manual Integrations
APPROVED

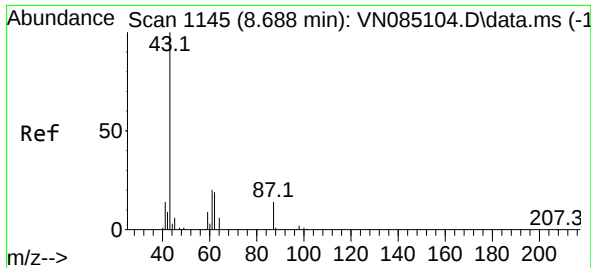
Reviewed By :Semsettin Yesilyurt 12/16/2024
Supervised By :Mahesh Dadoda 12/16/2024



#42
1,2-Dichloroethane
Concen: 21.740 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. -0.000 min
Lab File: VN085193.D
Acq: 13 Dec 2024 13:52

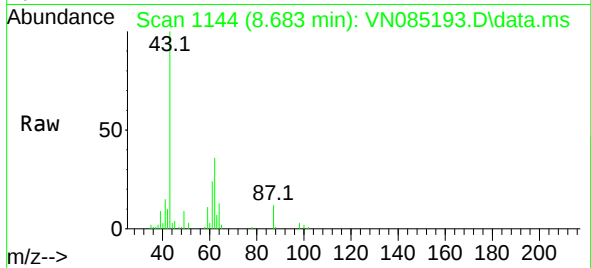
Tgt Ion: 62 Resp: 47952
Ion Ratio Lower Upper
62 100
98 8.6 0.0 18.2





#43
Isopropyl Acetate
Concen: 17.476 ug/l
RT: 8.683 min Scan# 1144
Delta R.T. -0.000 min
Lab File: VN085193.D
Acq: 13 Dec 2024 13:52

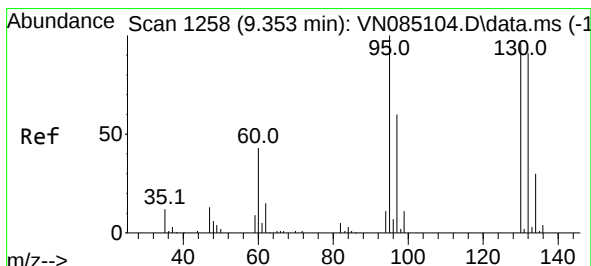
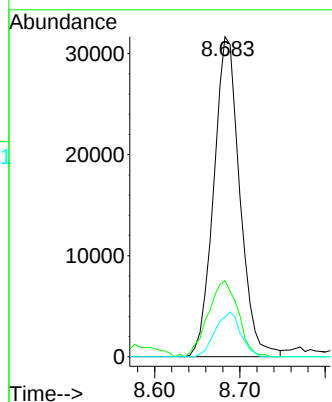
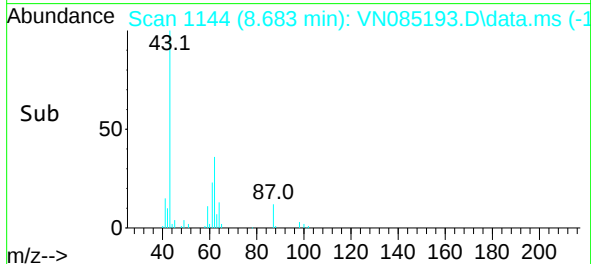
Instrument :
MSVOA_N
ClientSampleId :
VN1213WBSD01



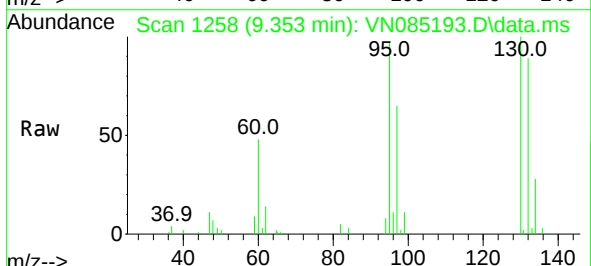
Tgt Ion: 43 Resp: 6727
Ion Ratio Lower Upper
43 100
61 27.3 20.6 30.8
87 13.5 11.0 16.4

Manual Integrations
APPROVED

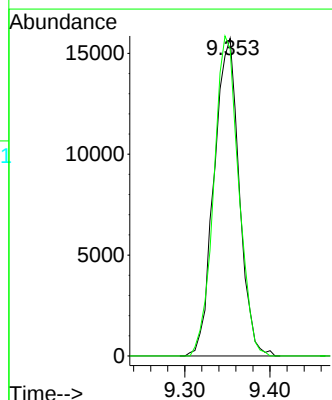
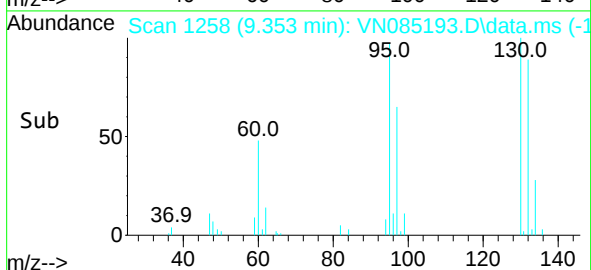
Reviewed By :Semsettin Yesilyurt 12/16/2024
Supervised By :Mahesh Dadoda 12/16/2024

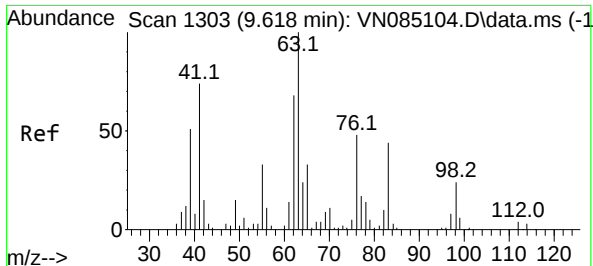


#44
Trichloroethene
Concen: 21.498 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.006 min
Lab File: VN085193.D
Acq: 13 Dec 2024 13:52



Tgt Ion:130 Resp: 32212
Ion Ratio Lower Upper
130 100
95 96.7 0.0 213.4





#45

1,2-Dichloropropane

Concen: 20.299 ug/l

RT: 9.618 min Scan# 1303

Delta R.T. -0.000 min

Lab File: VN085193.D

Acq: 13 Dec 2024 13:52

Instrument :

MSVOA_N

ClientSampleId :

VN1213WBSD01

Tgt Ion: 63 Resp: 3223

Ion Ratio Lower Upper

63 100

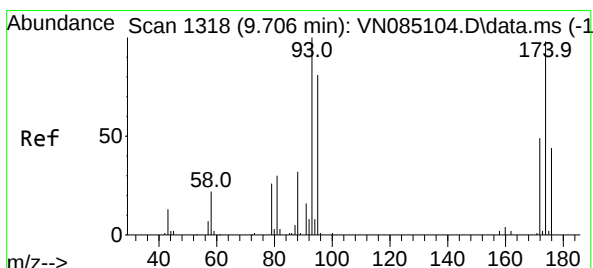
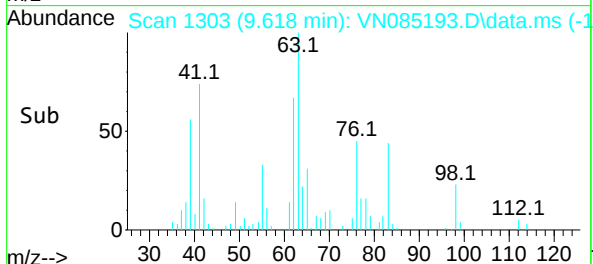
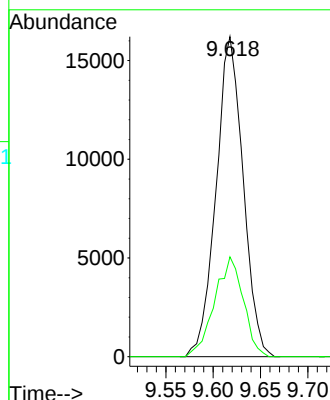
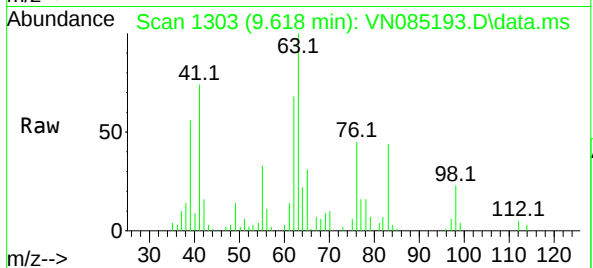
65 31.2 24.0 36.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/16/2024

Supervised By :Mahesh Dadoda 12/16/2024



#46

Dibromomethane

Concen: 21.476 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. -0.000 min

Lab File: VN085193.D

Acq: 13 Dec 2024 13:52

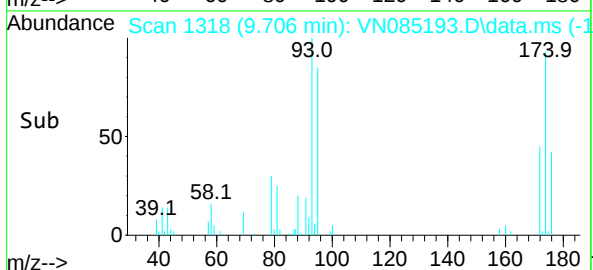
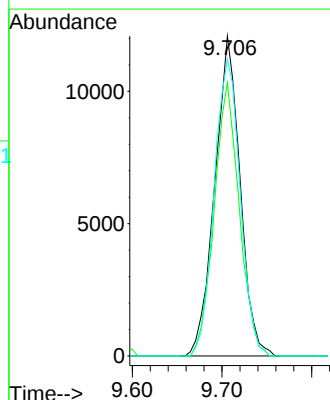
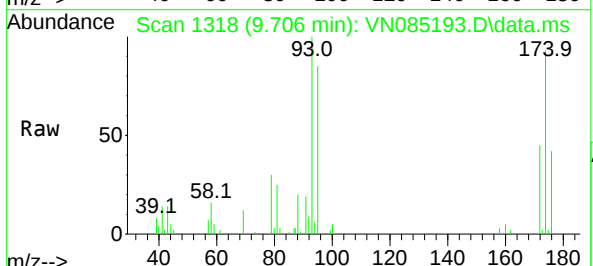
Tgt Ion: 93 Resp: 23698

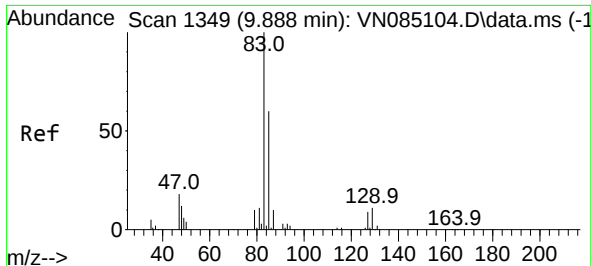
Ion Ratio Lower Upper

93 100

95 84.5 66.2 99.4

174 95.0 74.9 112.3





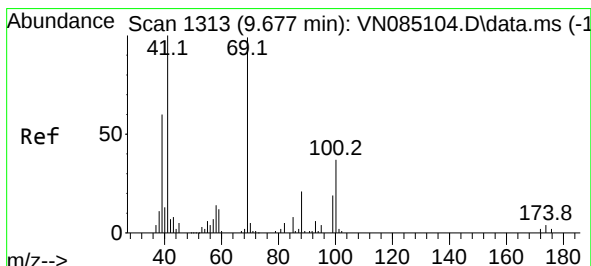
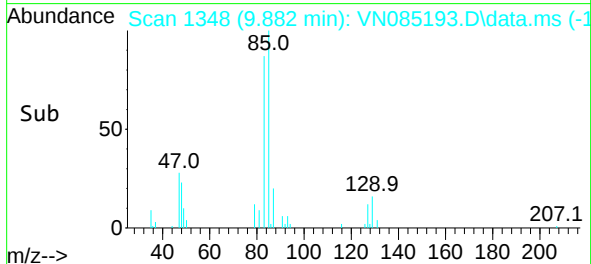
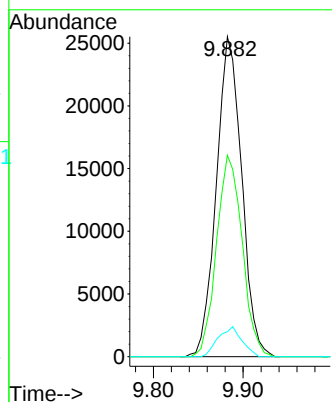
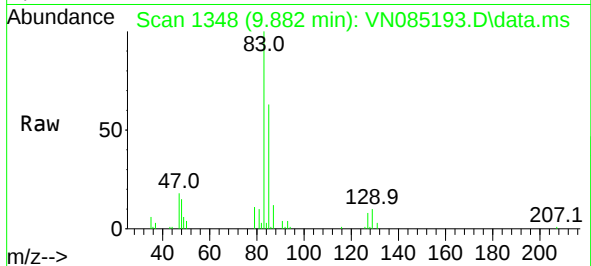
#47
Bromodichloromethane
Concen: 21.411 ug/l
RT: 9.882 min Scan# 1349
Delta R.T. -0.000 min
Lab File: VN085193.D
Acq: 13 Dec 2024 13:52

Instrument :
MSVOA_N
ClientSampleId :
VN1213WBSD01

Tgt Ion: 83 Resp: 5007
Ion Ratio Lower Upper
83 100
85 63.0 50.5 75.7
127 7.8 7.1 10.7

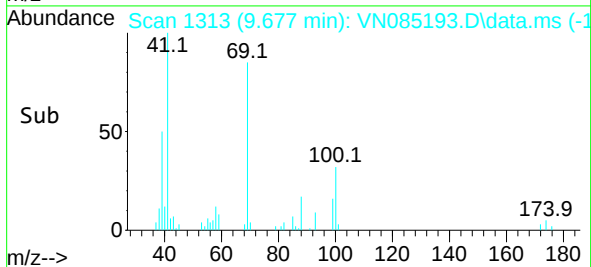
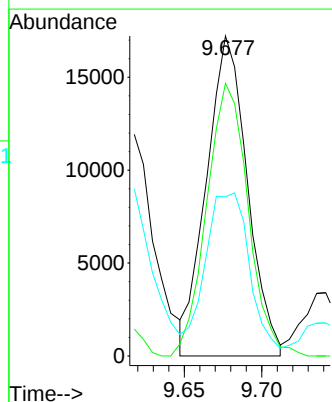
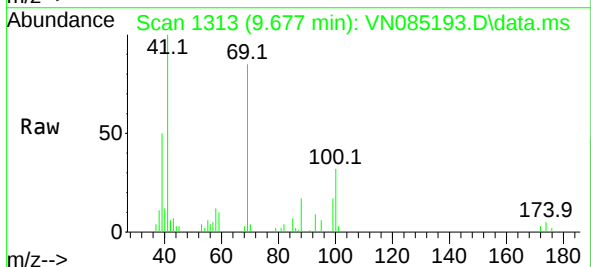
Manual Integrations
APPROVED

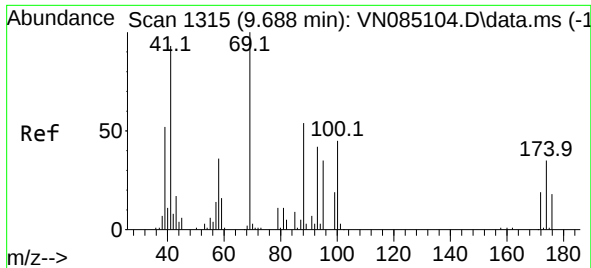
Reviewed By :Semsettin Yesilyurt 12/16/2024
Supervised By :Mahesh Dadoda 12/16/2024



#48
Methyl methacrylate
Concen: 22.033 ug/l
RT: 9.677 min Scan# 1313
Delta R.T. -0.000 min
Lab File: VN085193.D
Acq: 13 Dec 2024 13:52

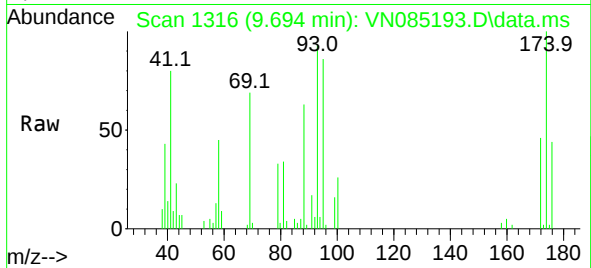
Tgt Ion: 41 Resp: 31561
Ion Ratio Lower Upper
41 100
69 86.5 73.2 109.8
39 55.7 46.2 69.4





#49
1,4-Dioxane
Concen: 425.699 ug/l
RT: 9.694 min Scan# 1316
Delta R.T. -0.000 min
Lab File: VN085193.D
Acq: 13 Dec 2024 13:52

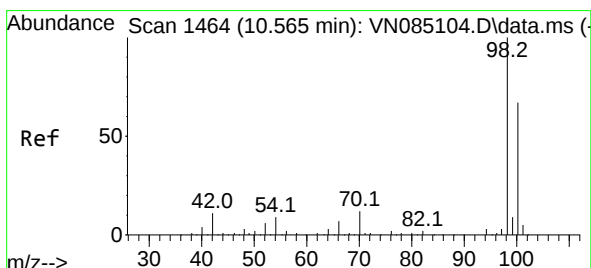
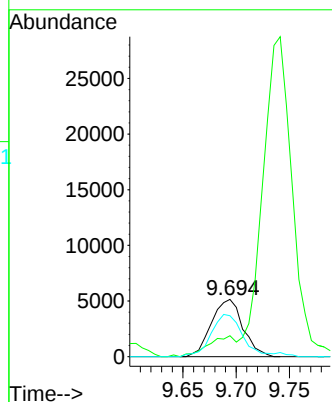
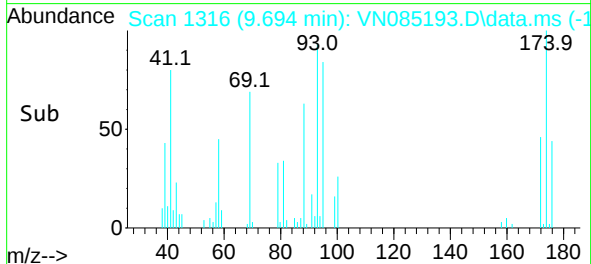
Instrument :
MSVOA_N
ClientSampleId :
VN1213WBSD01



Tgt Ion: 88 Resp: 1057
Ion Ratio Lower Upper
88 100
43 0.0 16.7 25.1
58 75.9 56.5 84.7

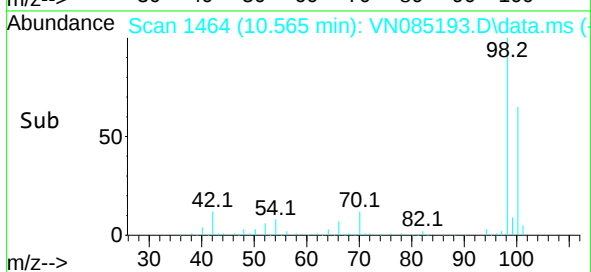
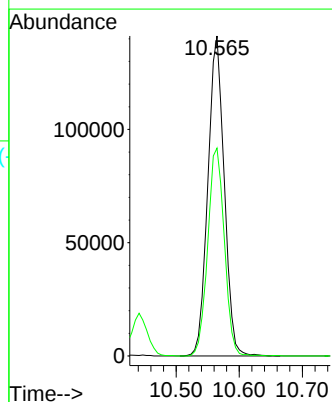
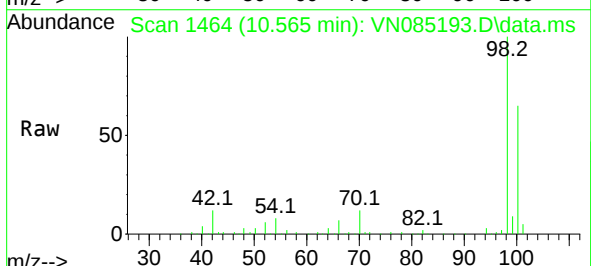
Manual Integrations
APPROVED

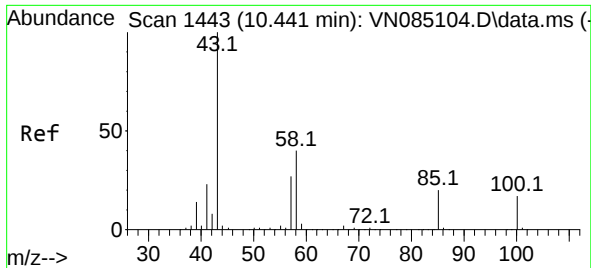
Reviewed By :Semsettin Yesilyurt 12/16/2024
Supervised By :Mahesh Dadoda 12/16/2024



#50
Toluene-d8
Concen: 47.076 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN085193.D
Acq: 13 Dec 2024 13:52

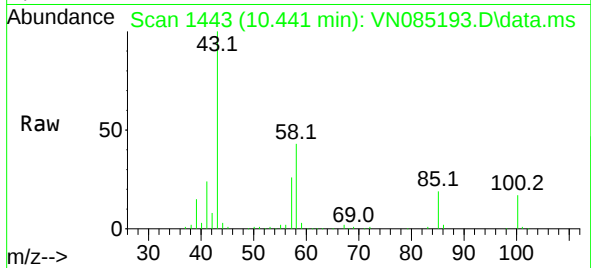
Tgt Ion: 98 Resp: 253906
Ion Ratio Lower Upper
98 100
100 66.1 52.5 78.7





#51
4-Methyl-2-Pentanone
Concen: 114.424 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. -0.000 min
Lab File: VN085193.D
Acq: 13 Dec 2024 13:52

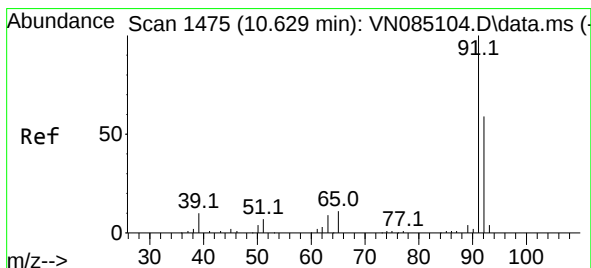
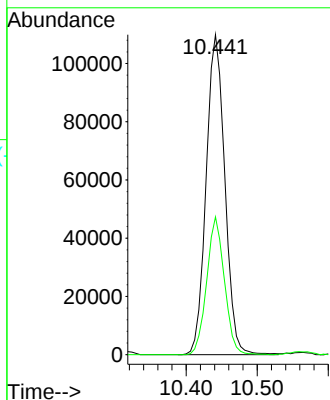
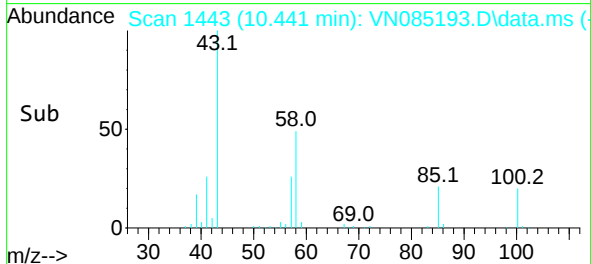
Instrument :
MSVOA_N
ClientSampleId :
VN1213WBSD01



Tgt Ion: 43 Resp: 20118
Ion Ratio Lower Upper
43 100
58 40.7 32.1 48.1

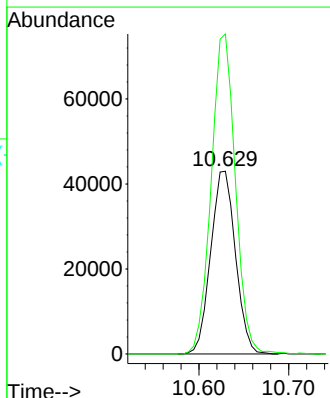
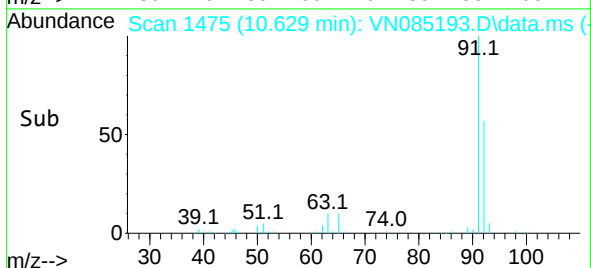
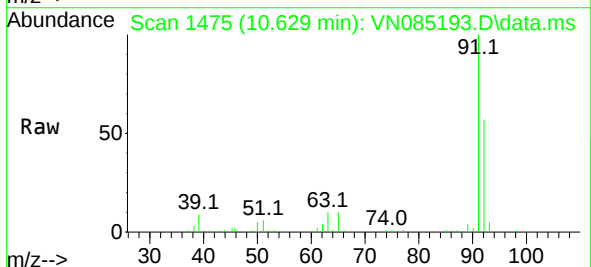
Manual Integrations
APPROVED

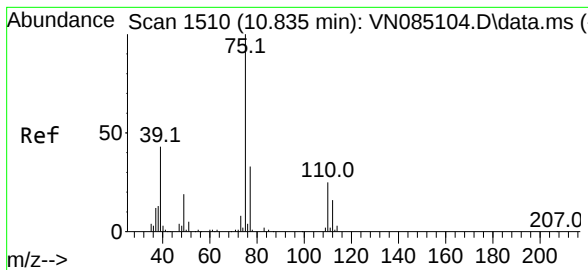
Reviewed By :Semsettin Yesilyurt 12/16/2024
Supervised By :Mahesh Dadoda 12/16/2024



#52
Toluene
Concen: 21.582 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. 0.006 min
Lab File: VN085193.D
Acq: 13 Dec 2024 13:52

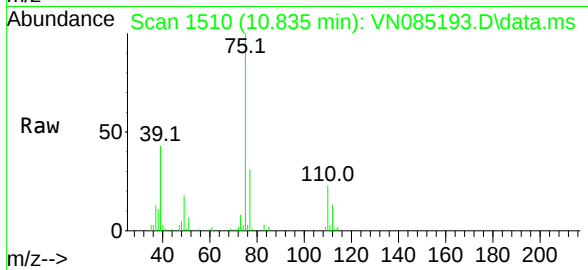
Tgt Ion: 92 Resp: 82376
Ion Ratio Lower Upper
92 100
91 171.1 136.7 205.1





#53
t-1,3-Dichloropropene
Concen: 20.653 ug/l
RT: 10.835 min Scan# 111
Delta R.T. -0.000 min
Lab File: VN085193.D
Acq: 13 Dec 2024 13:52

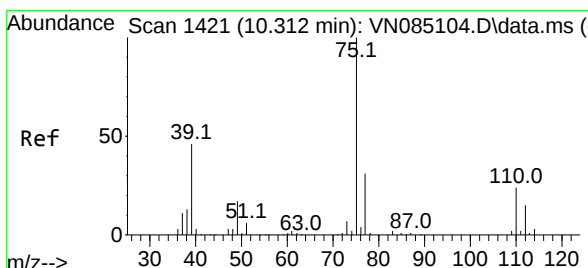
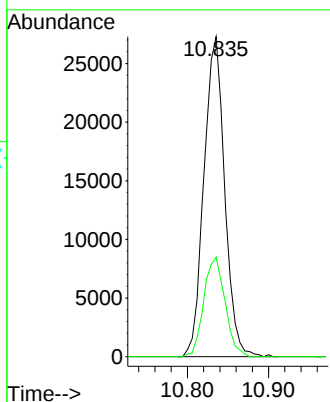
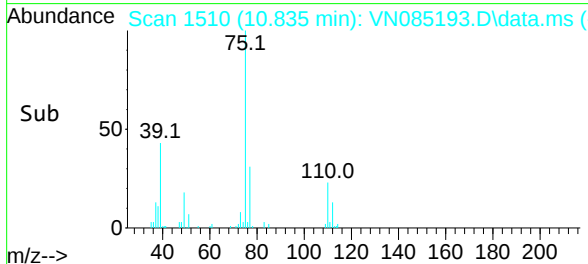
Instrument :
MSVOA_N
ClientSampleId :
VN1213WBSD01



Tgt Ion: 75 Resp: 48424
Ion Ratio Lower Upper
75 100
77 31.1 25.0 37.4

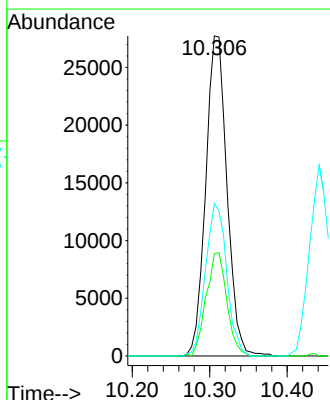
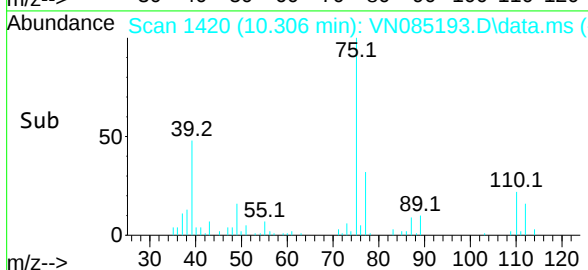
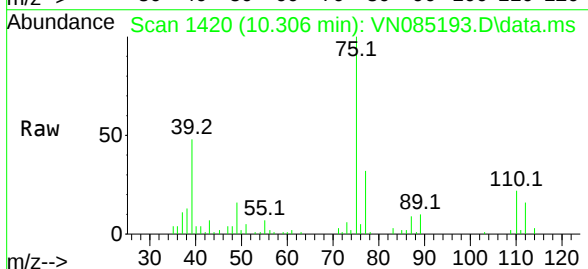
Manual Integrations
APPROVED

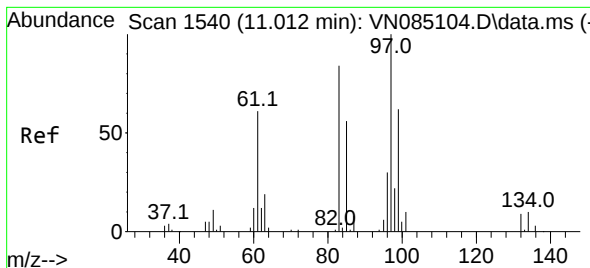
Reviewed By :Semsettin Yesilyurt 12/16/2024
Supervised By :Mahesh Dadoda 12/16/2024



#54
cis-1,3-Dichloropropene
Concen: 21.264 ug/l
RT: 10.306 min Scan# 1420
Delta R.T. -0.000 min
Lab File: VN085193.D
Acq: 13 Dec 2024 13:52

Tgt Ion: 75 Resp: 52893
Ion Ratio Lower Upper
75 100
77 31.9 25.0 37.4
39 47.7 37.6 56.4





#55

1,1,2-Trichloroethane

Concen: 21.994 ug/l

RT: 11.012 min Scan# 1540

Delta R.T. -0.000 min

Lab File: VN085193.D

Acq: 13 Dec 2024 13:52

Instrument :

MSVOA_N

ClientSampleId :

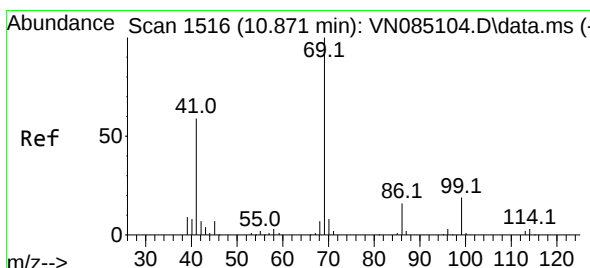
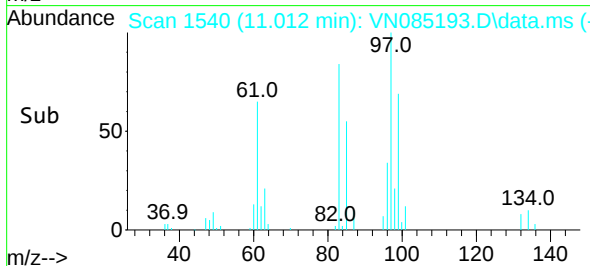
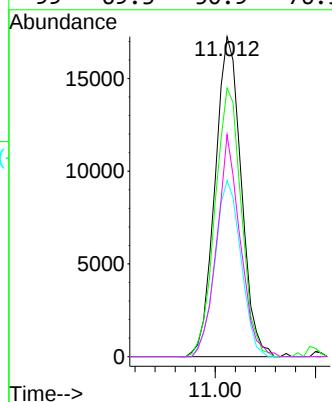
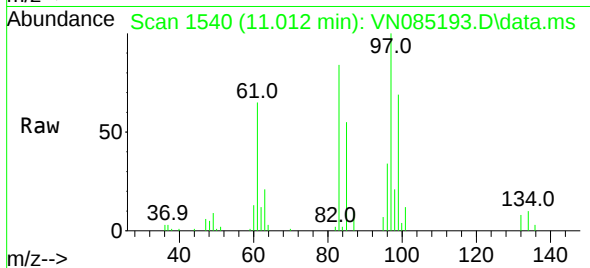
VN1213WBSD01

Tgt Ion: 97	Resp: 31269
Ion Ratio	Lower Upper
97 100	
83 84.0	67.4 101.2
85 55.0	43.1 64.7
99 69.3	50.9 76.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/16/2024
Supervised By :Mahesh Dadoda 12/16/2024



#56

Ethyl methacrylate

Concen: 22.584 ug/l

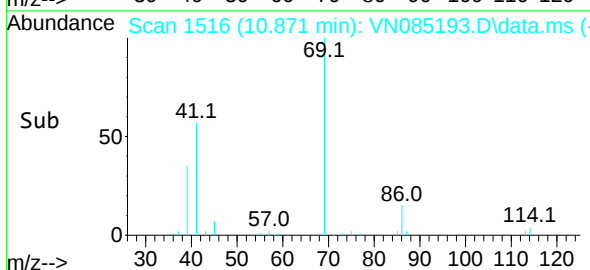
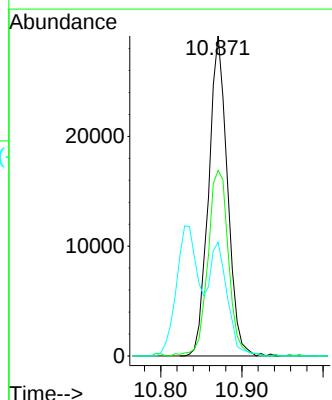
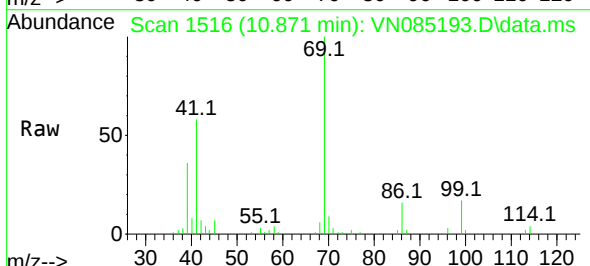
RT: 10.871 min Scan# 1516

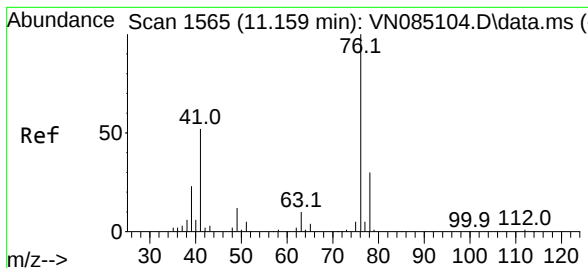
Delta R.T. -0.000 min

Lab File: VN085193.D

Acq: 13 Dec 2024 13:52

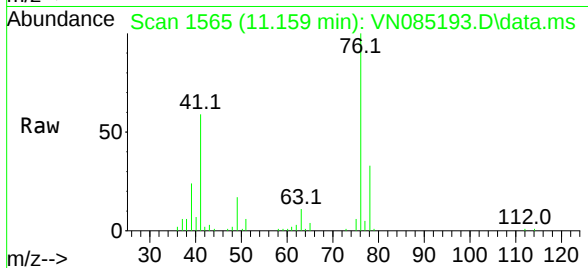
Tgt Ion: 69	Resp: 46917
Ion Ratio	Lower Upper
69 100	
41 63.5	50.0 75.0
39 33.9	27.0 40.6





#57
1,3-Dichloropropane
Concen: 21.668 ug/l
RT: 11.159 min Scan# 1565
Delta R.T. -0.000 min
Lab File: VN085193.D
Acq: 13 Dec 2024 13:52

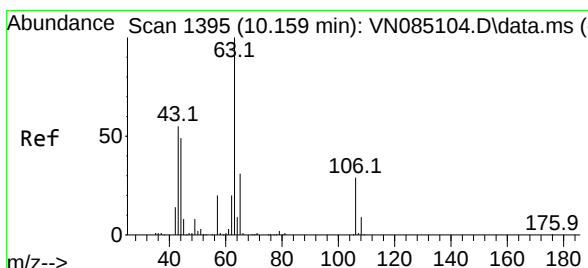
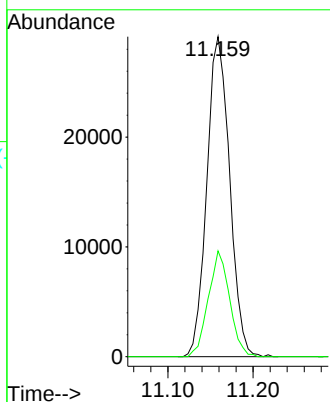
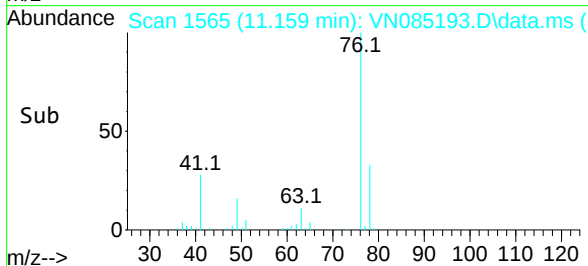
Instrument :
MSVOA_N
ClientSampleId :
VN1213WBSD01



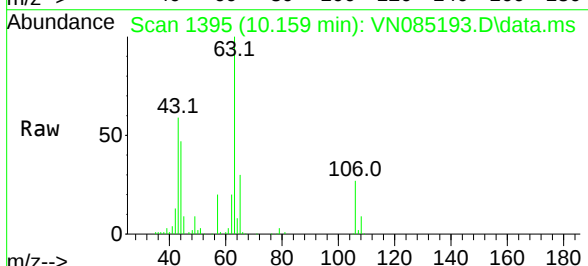
Tgt Ion: 76 Resp: 54218
Ion Ratio Lower Upper
76 100
78 30.9 26.1 39.1

Manual Integrations
APPROVED

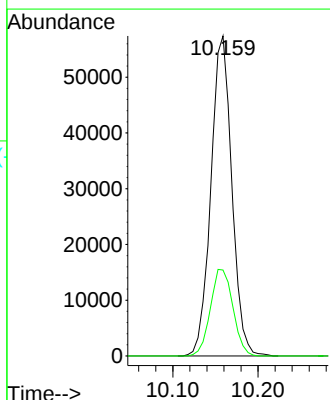
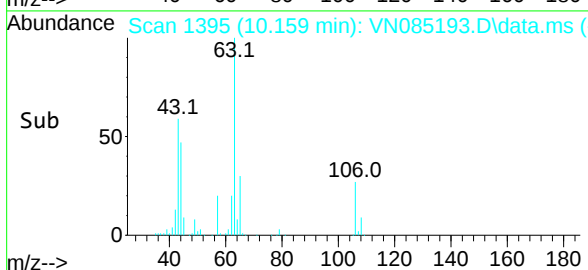
Reviewed By :Semsettin Yesilyurt 12/16/2024
Supervised By :Mahesh Dadoda 12/16/2024

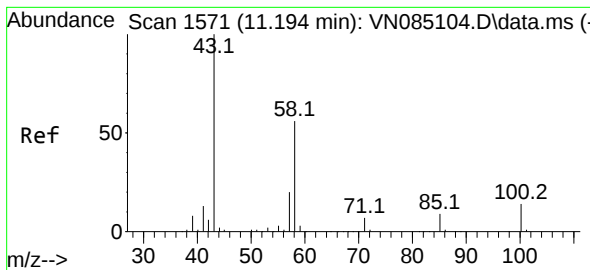


#58
2-Chloroethyl Vinyl ether
Concen: 96.068 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VN085193.D
Acq: 13 Dec 2024 13:52



Tgt Ion: 63 Resp: 97897
Ion Ratio Lower Upper
63 100
106 29.1 23.0 34.6





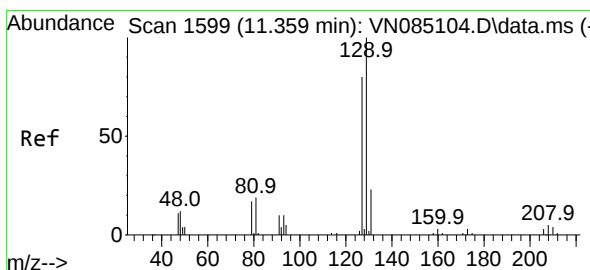
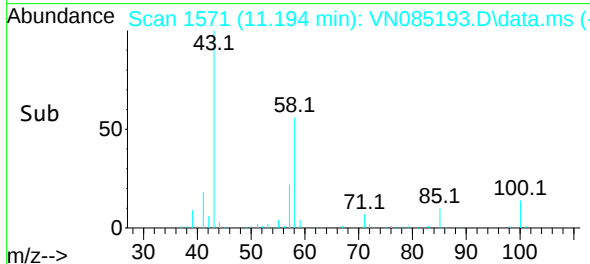
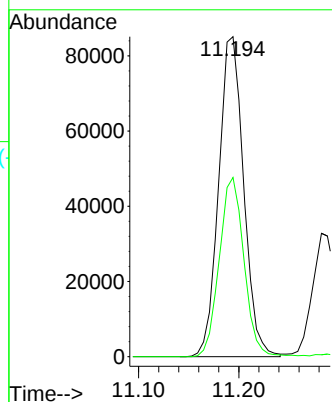
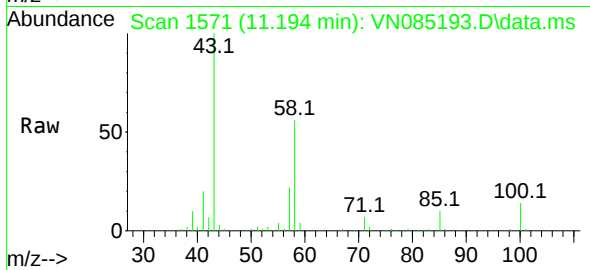
#59
2-Hexanone
Concen: 111.975 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VN085193.D
Acq: 13 Dec 2024 13:52

Instrument :
MSVOA_N
ClientSampleId :
VN1213WBSD01

Tgt Ion: 43 Resp: 14724
Ion Ratio Lower Upper
43 100
58 55.3 28.3 85.0

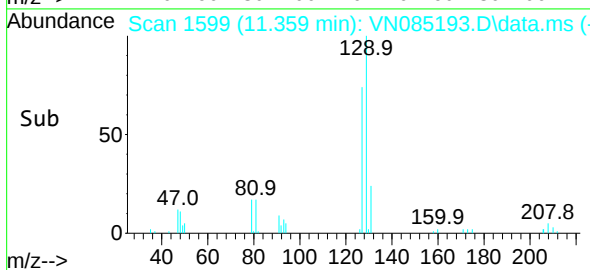
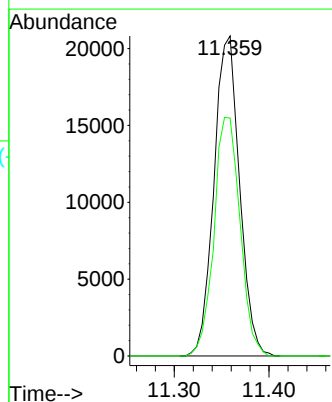
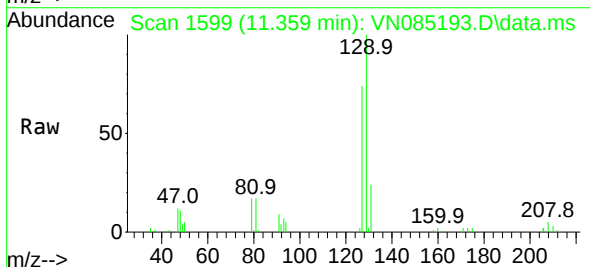
Manual Integrations
APPROVED

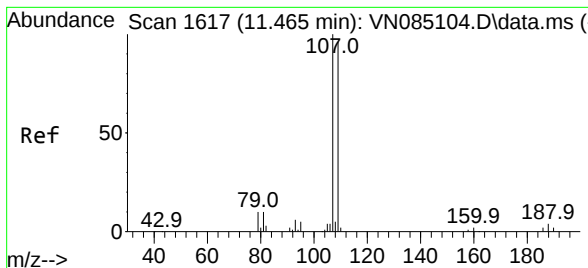
Reviewed By :Semsettin Yesilyurt 12/16/2024
Supervised By :Mahesh Dadoda 12/16/2024



#60
Dibromochloromethane
Concen: 22.499 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN085193.D
Acq: 13 Dec 2024 13:52

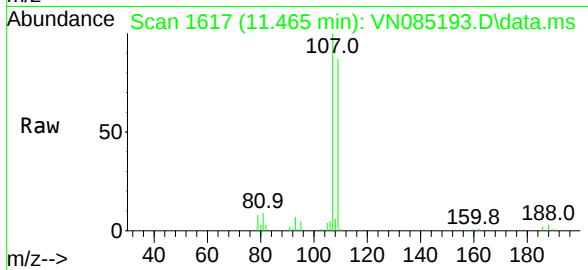
Tgt Ion:129 Resp: 39092
Ion Ratio Lower Upper
129 100
127 75.8 39.2 117.6





#61
1,2-Dibromoethane
Concen: 22.373 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VN085193.D
Acq: 13 Dec 2024 13:52

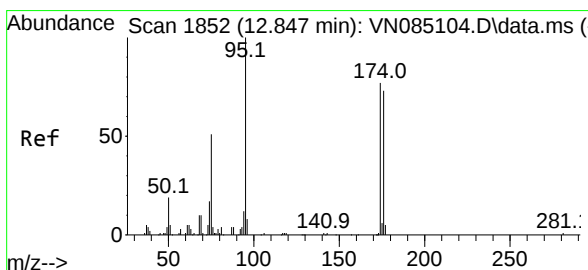
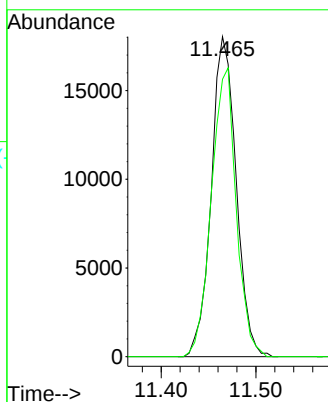
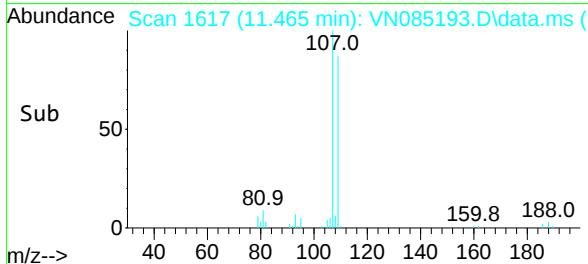
Instrument :
MSVOA_N
ClientSampleId :
VN1213WBSD01



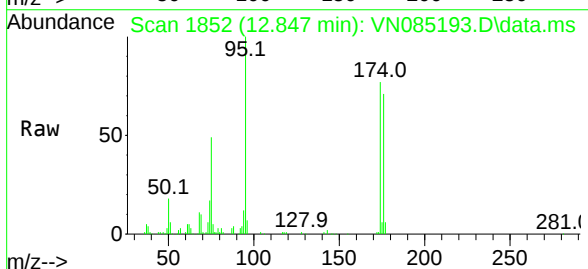
Tgt Ion:107 Resp: 32918
Ion Ratio Lower Upper
107 100
109 90.2 76.1 114.1

Manual Integrations
APPROVED

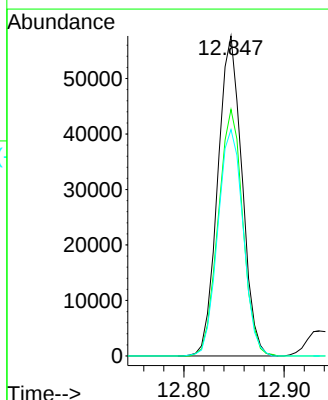
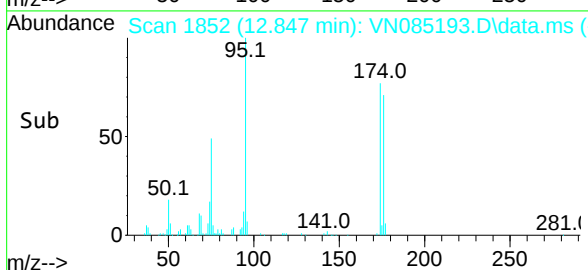
Reviewed By :Semsettin Yesilyurt 12/16/2024
Supervised By :Mahesh Dadoda 12/16/2024

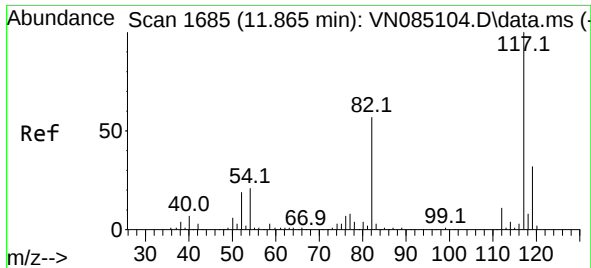


#62
4-Bromofluorobenzene
Concen: 47.981 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN085193.D
Acq: 13 Dec 2024 13:52



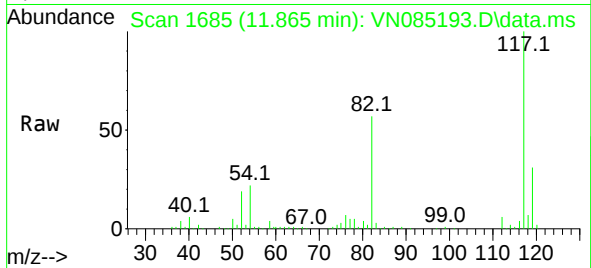
Tgt Ion: 95 Resp: 96778
Ion Ratio Lower Upper
95 100
174 78.1 0.0 146.6
176 73.7 0.0 141.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.006 min
Lab File: VN085193.D
Acq: 13 Dec 2024 13:52

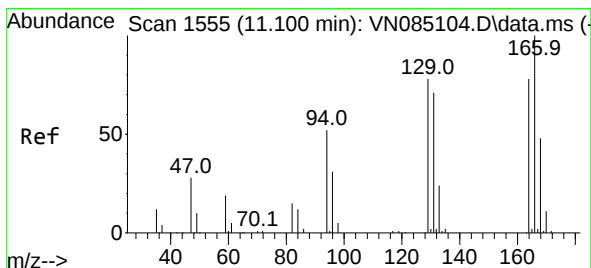
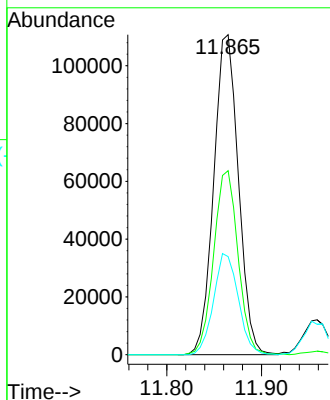
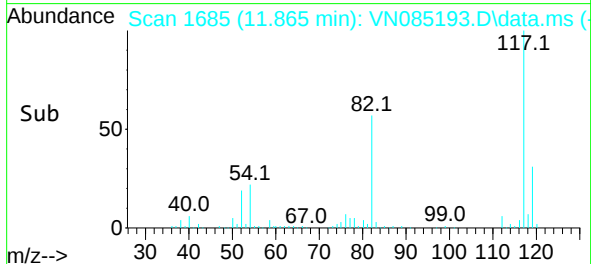
Instrument :
MSVOA_N
ClientSampleId :
VN1213WBSD01



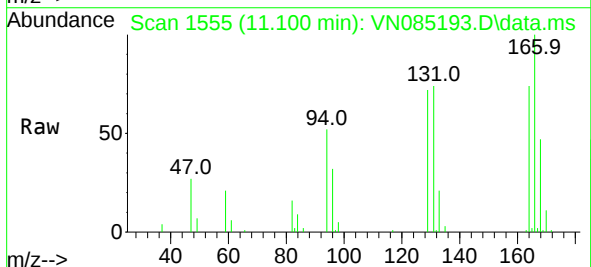
Tgt Ion:117 Resp: 200688
Ion Ratio Lower Upper
117 100
82 57.5 46.0 69.0
119 30.7 25.6 38.4

Manual Integrations
APPROVED

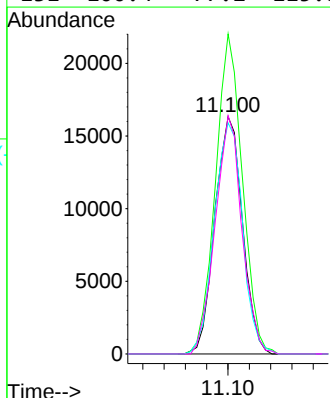
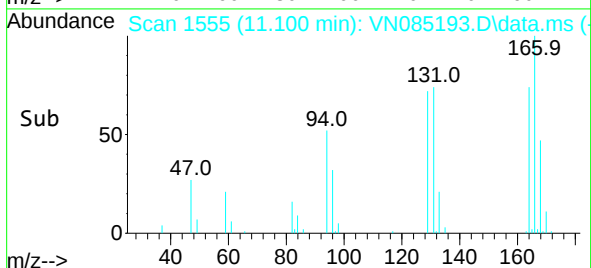
Reviewed By :Semsettin Yesilyurt 12/16/2024
Supervised By :Mahesh Dadoda 12/16/2024

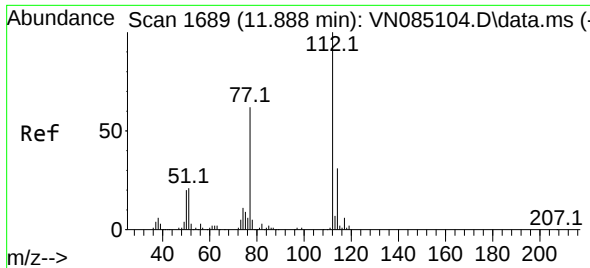


#64
Tetrachloroethene
Concen: 21.739 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VN085193.D
Acq: 13 Dec 2024 13:52



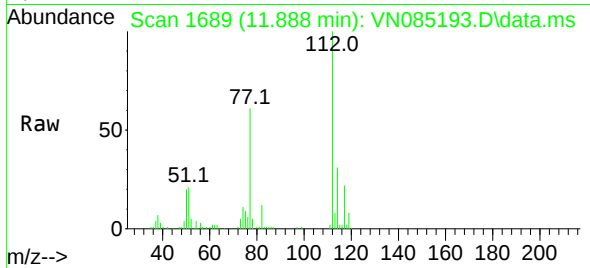
Tgt Ion:164 Resp: 29397
Ion Ratio Lower Upper
164 100
166 134.9 100.6 151.0
129 97.4 77.7 116.5
131 100.4 77.2 115.8





#65
Chlorobenzene
Concen: 19.532 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. -0.000 min
Lab File: VN085193.D
Acq: 13 Dec 2024 13:52

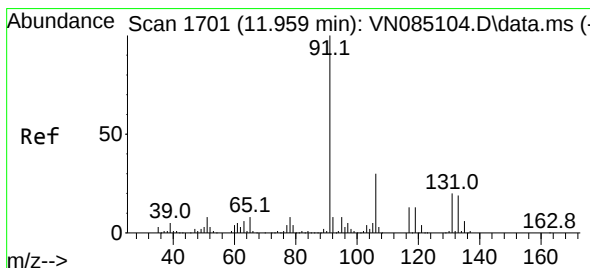
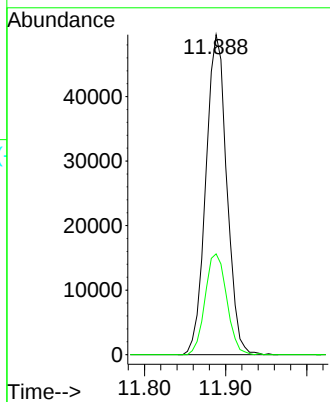
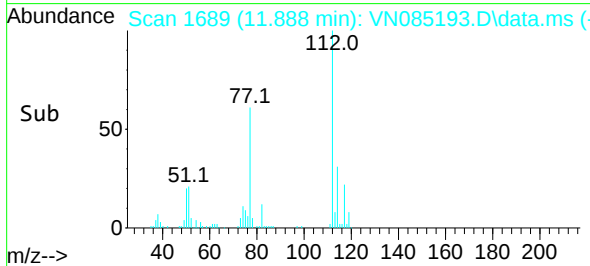
Instrument :
MSVOA_N
ClientSampleId :
VN1213WBSD01



Tgt Ion:112 Resp: 88898
Ion Ratio Lower Upper
112 100
114 31.5 25.8 38.6

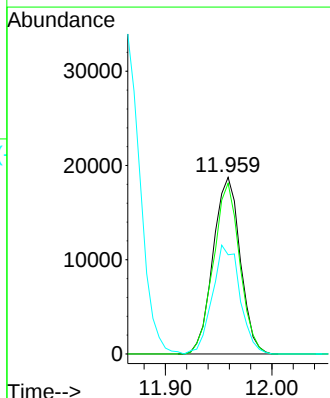
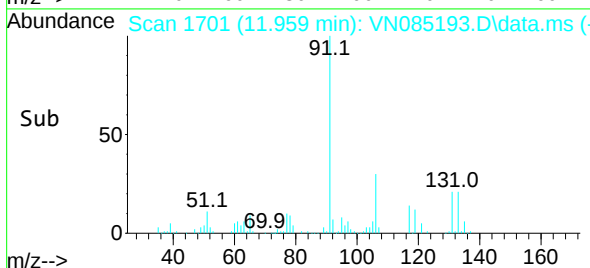
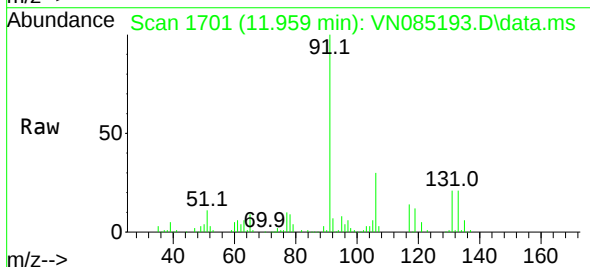
Manual Integrations
APPROVED

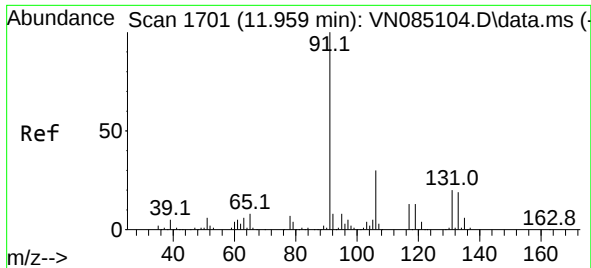
Reviewed By :Semsettin Yesilyurt 12/16/2024
Supervised By :Mahesh Dadoda 12/16/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 20.723 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN085193.D
Acq: 13 Dec 2024 13:52

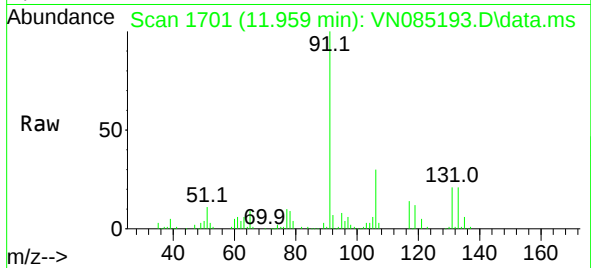
Tgt Ion:131 Resp: 33208
Ion Ratio Lower Upper
131 100
133 93.5 47.8 143.4
119 62.3 32.1 96.3





#67
Ethyl Benzene
Concen: 19.939 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN085193.D
Acq: 13 Dec 2024 13:52

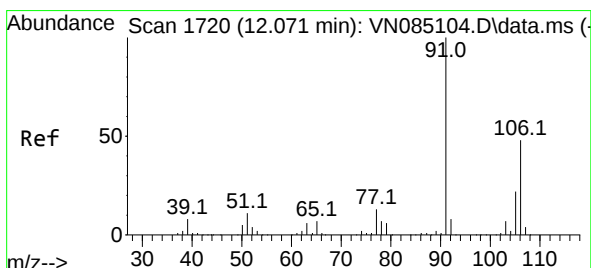
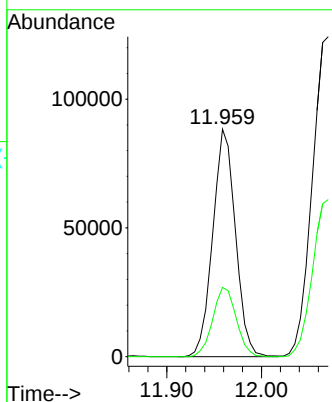
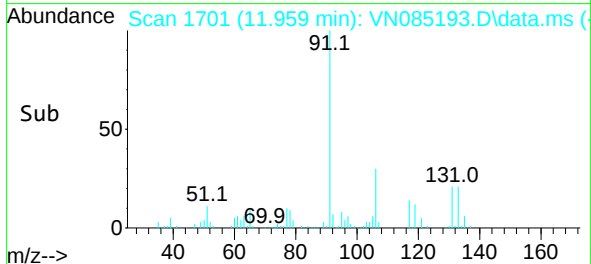
Instrument :
MSVOA_N
ClientSampleId :
VN1213WBSD01



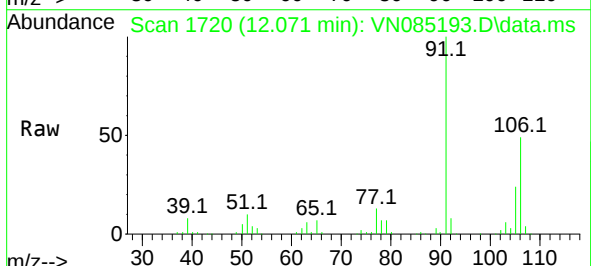
Tgt Ion: 91 Resp: 147234
Ion Ratio Lower Upper
91 100
106 30.5 24.7 37.1

Manual Integrations
APPROVED

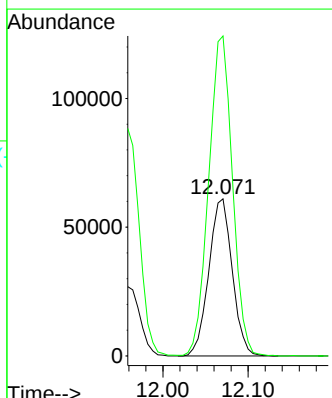
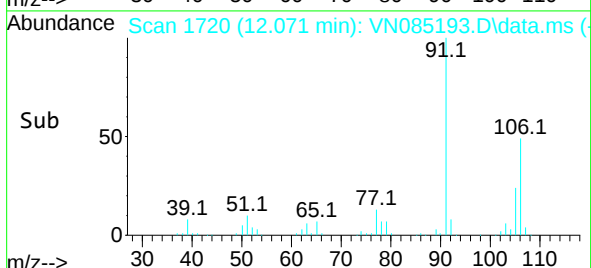
Reviewed By :Semsettin Yesilyurt 12/16/2024
Supervised By :Mahesh Dadoda 12/16/2024

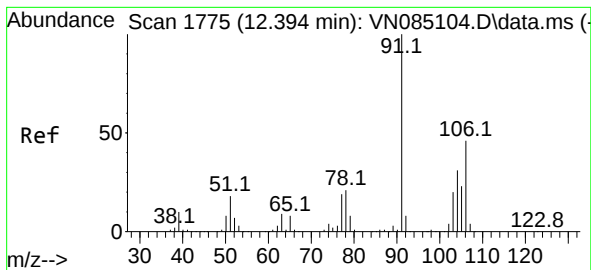


#68
m/p-Xylenes
Concen: 41.420 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN085193.D
Acq: 13 Dec 2024 13:52



Tgt Ion:106 Resp: 116443
Ion Ratio Lower Upper
106 100
91 206.9 168.0 252.0





#69

o-Xylene

Concen: 20.280 ug/l

RT: 12.394 min Scan# 1775

Delta R.T. -0.000 min

Lab File: VN085193.D

Acq: 13 Dec 2024 13:52

Instrument :

MSVOA_N

ClientSampleId :

VN1213WBSD01

Tgt Ion:106 Resp: 5423

Ion Ratio Lower Upper

106 100

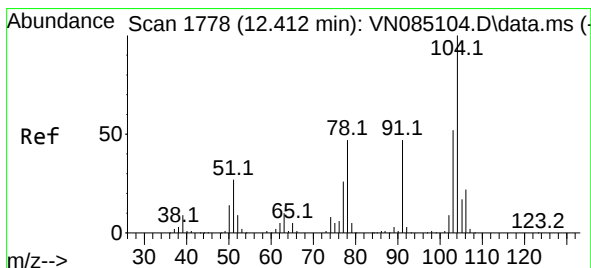
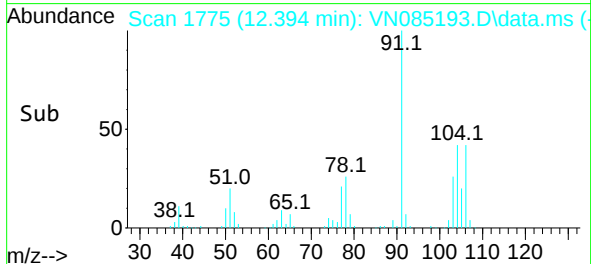
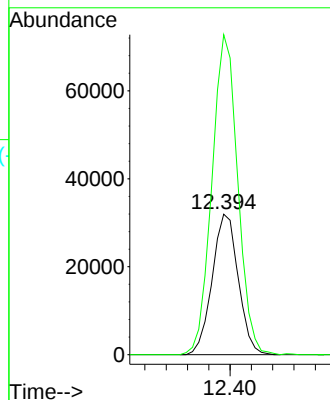
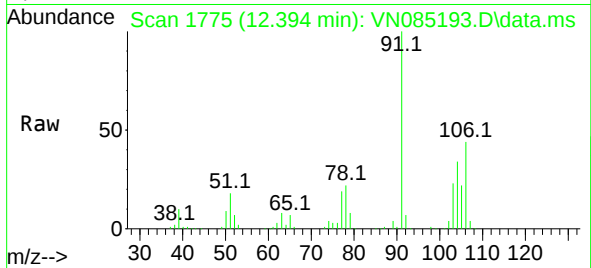
91 225.2 110.7 331.9

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/16/2024

Supervised By :Mahesh Dadoda 12/16/2024



#70

Styrene

Concen: 21.063 ug/l

RT: 12.406 min Scan# 1777

Delta R.T. -0.000 min

Lab File: VN085193.D

Acq: 13 Dec 2024 13:52

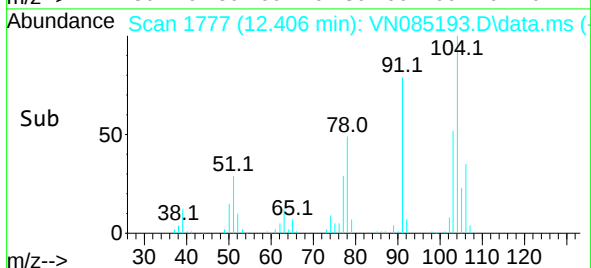
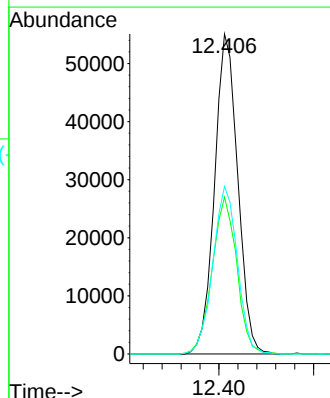
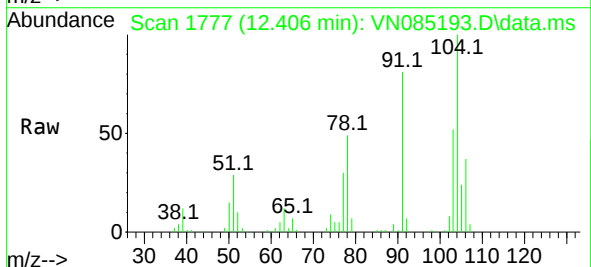
Tgt Ion:104 Resp: 93670

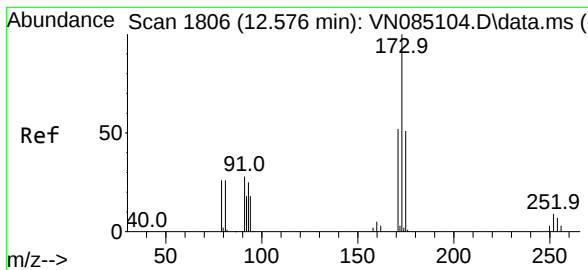
Ion Ratio Lower Upper

104 100

78 52.0 42.3 63.5

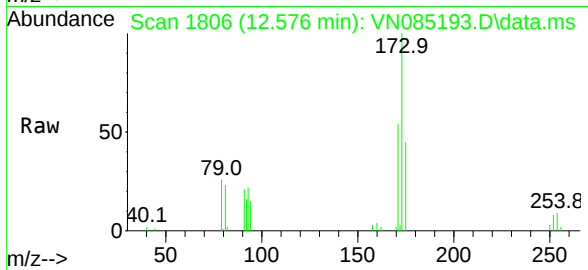
103 55.4 44.2 66.2





#71
Bromoform
Concen: 22.362 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VN085193.D
Acq: 13 Dec 2024 13:52

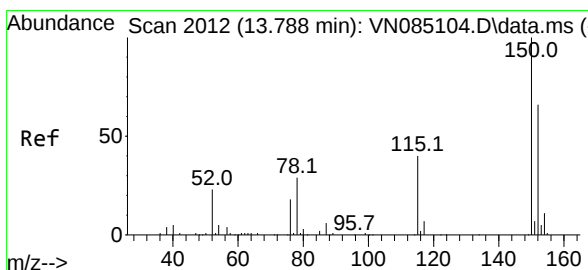
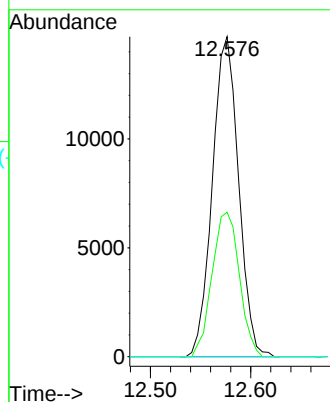
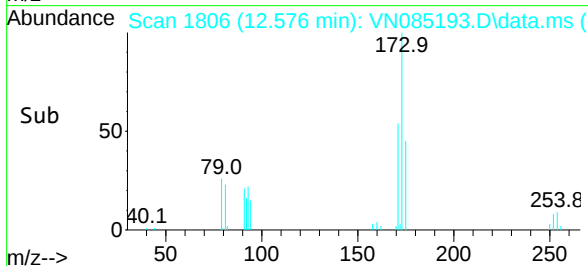
Instrument :
MSVOA_N
ClientSampleId :
VN1213WBSD01



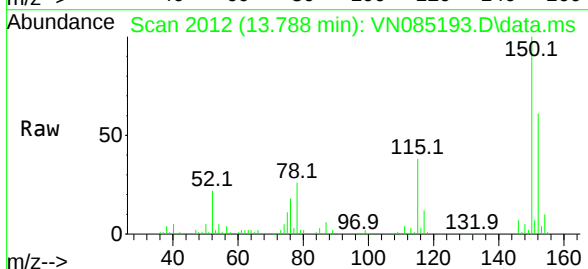
Tgt Ion:173 Resp: 2659
Ion Ratio Lower Upper
173 100
175 47.1 23.8 71.2
254 0.0 0.0 0.0

Manual Integrations
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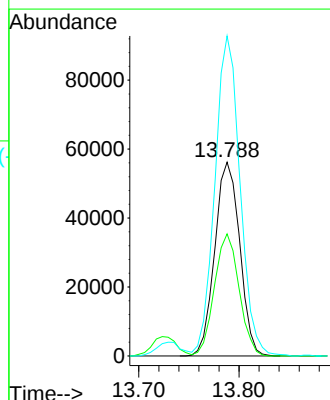
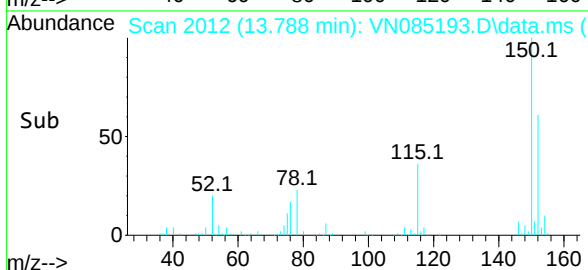
Reviewed By :Semsettin Yesilyurt 12/16/2024
Supervised By :Mahesh Dadoda 12/16/2024

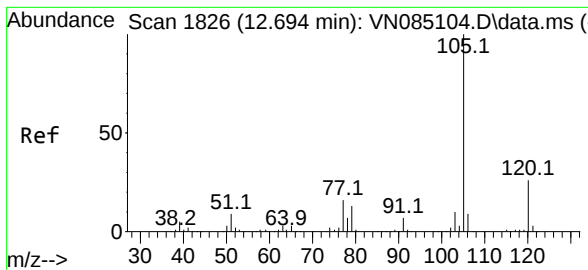


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN085193.D
Acq: 13 Dec 2024 13:52



Tgt Ion:152 Resp: 97109
Ion Ratio Lower Upper
152 100
115 62.2 31.7 95.1
150 166.5 0.0 351.4





#73

Isopropylbenzene

Concen: 19.734 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. -0.000 min

Lab File: VN085193.D

Acq: 13 Dec 2024 13:52

Instrument :

MSVOA_N

ClientSampleId :

VN1213WBSD01

Tgt Ion:105 Resp: 135190

Ion Ratio Lower Upper

105 100

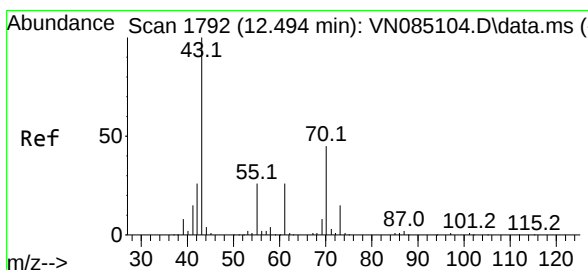
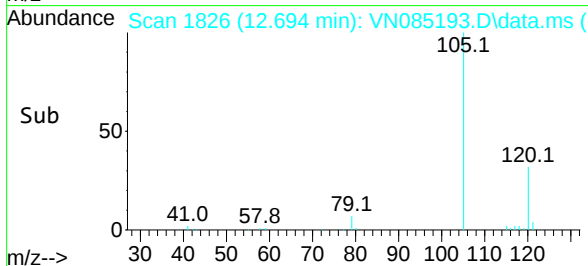
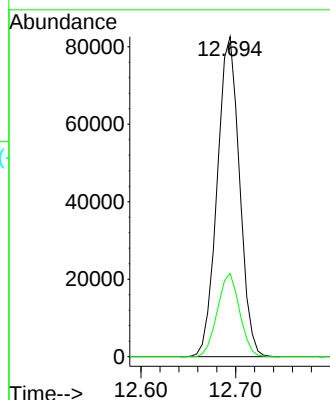
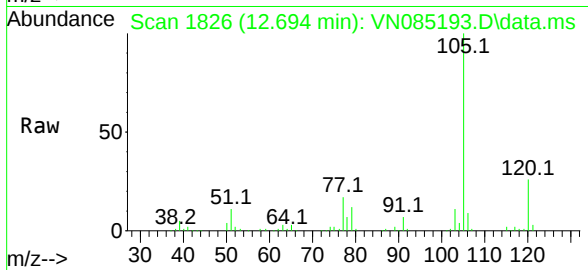
120 25.9 13.0 39.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/16/2024

Supervised By :Mahesh Dadoda 12/16/2024



#74

N-ethyl acetate

Concen: 19.838 ug/l

RT: 12.494 min Scan# 1792

Delta R.T. -0.000 min

Lab File: VN085193.D

Acq: 13 Dec 2024 13:52

Tgt Ion: 43 Resp: 56003

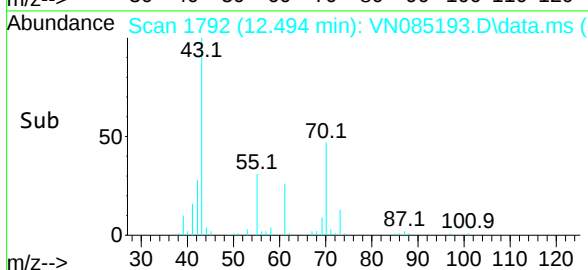
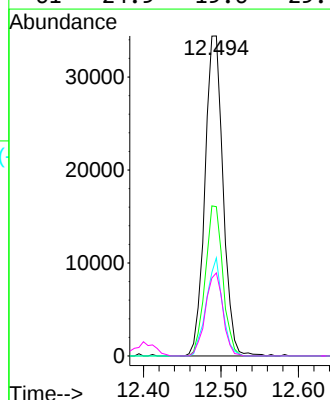
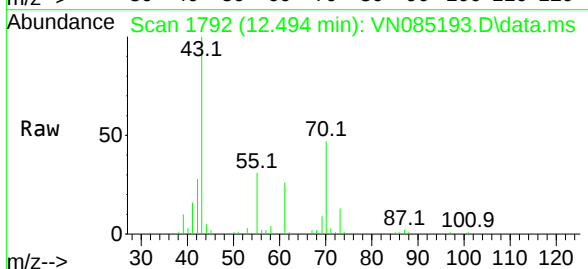
Ion Ratio Lower Upper

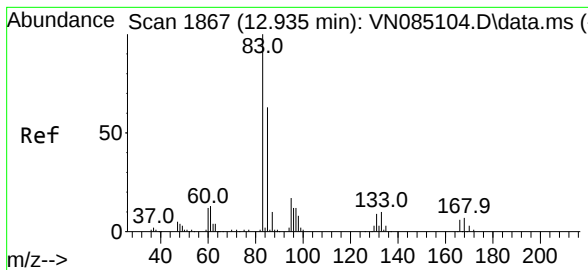
43 100

70 45.2 34.6 51.8

55 27.3 20.5 30.7

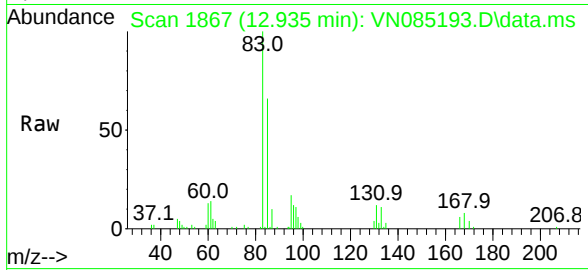
61 24.9 19.6 29.4





#75
1,1,2,2-Tetrachloroethane
Concen: 18.762 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VN085193.D
Acq: 13 Dec 2024 13:52

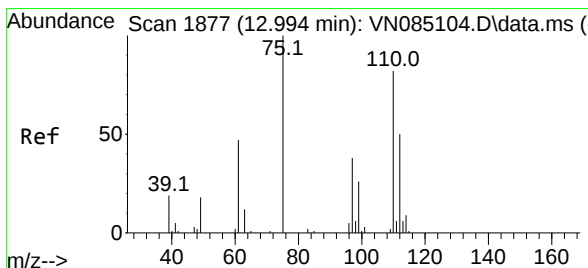
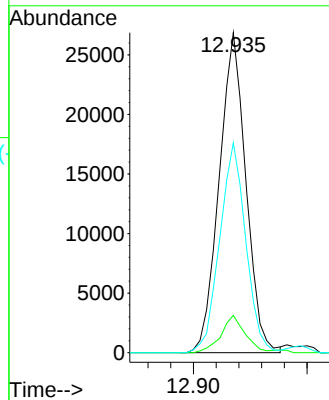
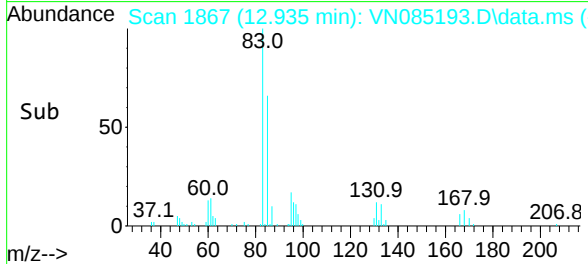
Instrument :
MSVOA_N
ClientSampleId :
VN1213WBSD01



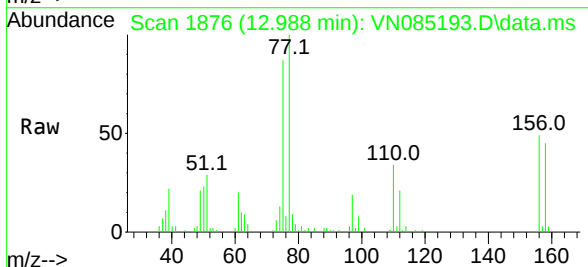
Tgt Ion: 83 Resp: 4389
Ion Ratio Lower Upper
83 100
131 11.0 5.1 15.4
85 64.0 32.1 96.3

Manual Integrations
APPROVED

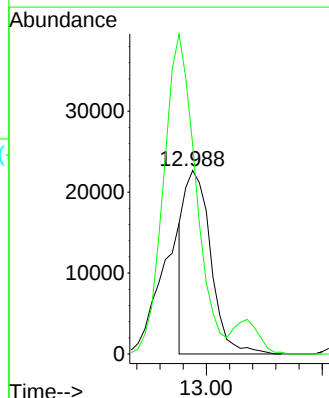
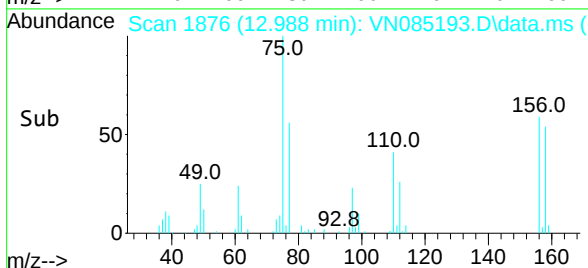
Reviewed By :Semsettin Yesilyurt 12/16/2024
Supervised By :Mahesh Dadoda 12/16/2024

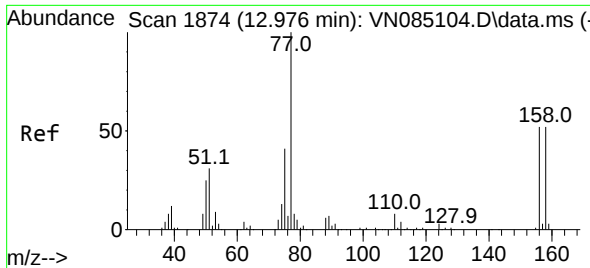


#76
1,2,3-Trichloropropane
Concen: 20.353 ug/l m
RT: 12.988 min Scan# 1876
Delta R.T. -0.006 min
Lab File: VN085193.D
Acq: 13 Dec 2024 13:52



Tgt Ion: 75 Resp: 35951
Ion Ratio Lower Upper
75 100
77 212.7 109.1 327.4





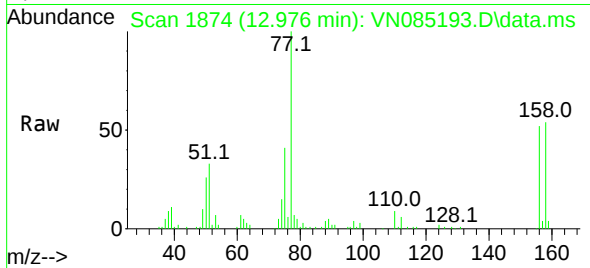
#77
Bromobenzene
Concen: 19.407 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. -0.000 min
Lab File: VN085193.D
Acq: 13 Dec 2024 13:52

Instrument :

MSVOA_N

ClientSampleId :

VN1213WBSD01

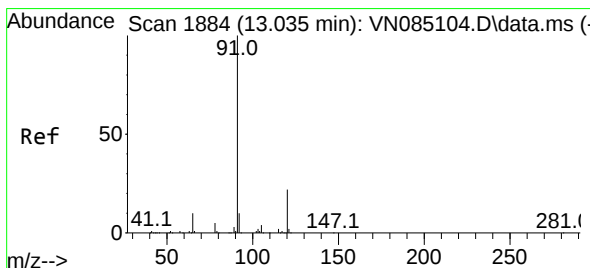
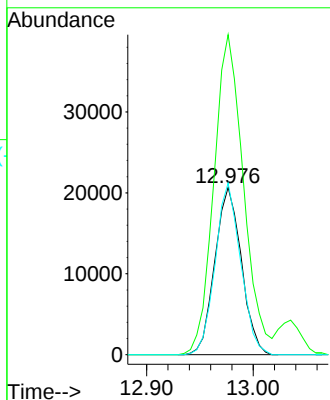
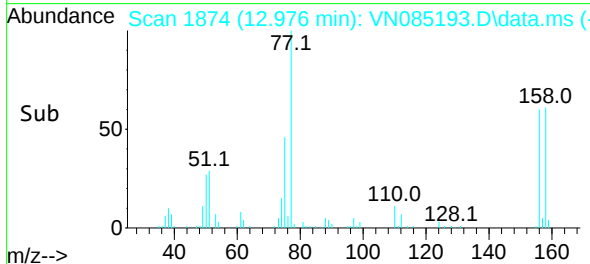


Tgt Ion:156 Resp: 35778
Ion Ratio Lower Upper
156 100
77 213.8 107.2 321.6
158 98.2 48.5 145.6

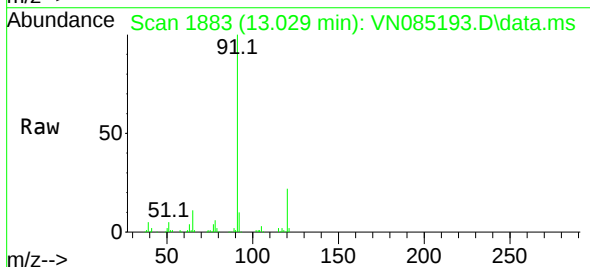
Manual Integrations

APPROVED

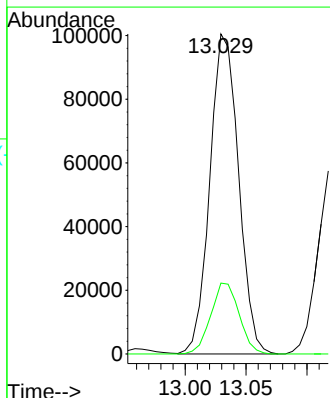
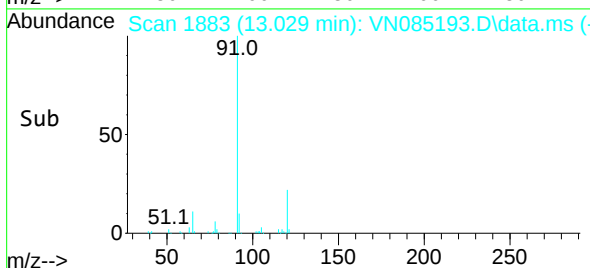
Reviewed By :Semsettin Yesilyurt 12/16/2024
Supervised By :Mahesh Dadoda 12/16/2024

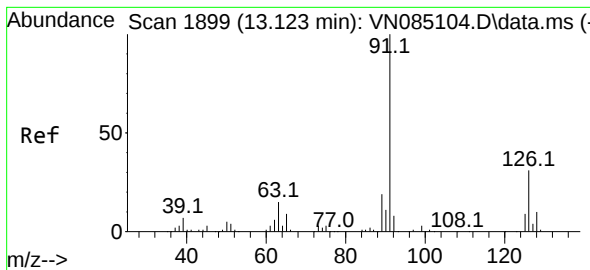


#78
n-propylbenzene
Concen: 20.863 ug/l
RT: 13.029 min Scan# 1883
Delta R.T. -0.006 min
Lab File: VN085193.D
Acq: 13 Dec 2024 13:52



Tgt Ion: 91 Resp: 164854
Ion Ratio Lower Upper
91 100
120 21.9 11.3 33.9





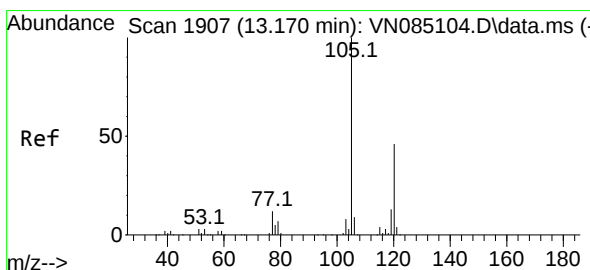
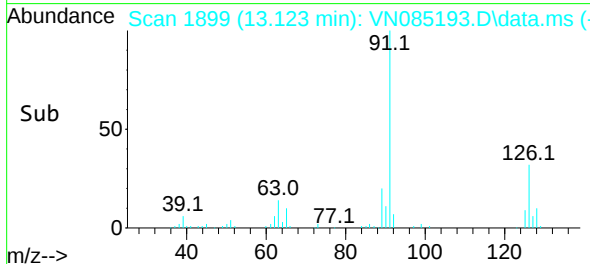
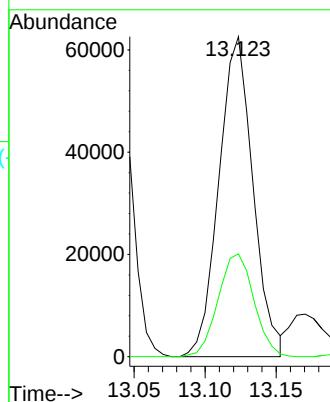
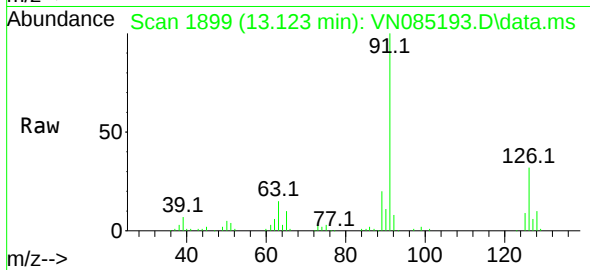
#79
2-Chlorotoluene
Concen: 19.823 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN085193.D
Acq: 13 Dec 2024 13:52

Instrument :
MSVOA_N
ClientSampleId :
VN1213WBSD01

Tgt Ion: 91 Resp: 104560
Ion Ratio Lower Upper
91 100
126 33.7 16.1 48.3

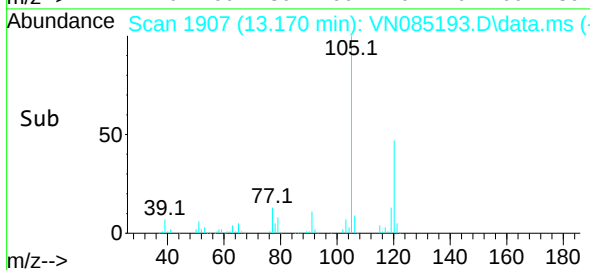
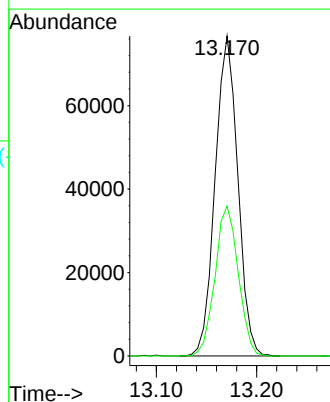
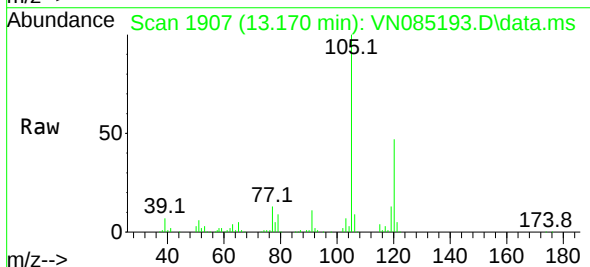
Manual Integrations
APPROVED

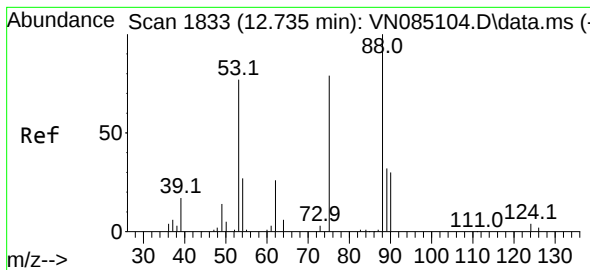
Reviewed By :Semsettin Yesilyurt 12/16/2024
Supervised By :Mahesh Dadoda 12/16/2024



#80
1,3,5-Trimethylbenzene
Concen: 20.876 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN085193.D
Acq: 13 Dec 2024 13:52

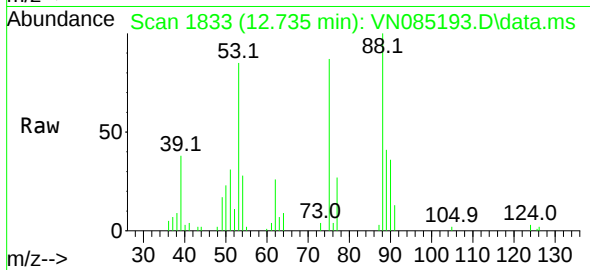
Tgt Ion:105 Resp: 120008
Ion Ratio Lower Upper
105 100
120 48.1 23.6 71.0





#81
trans-1,4-Dichloro-2-butene
Concen: 19.137 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN085193.D
Acq: 13 Dec 2024 13:52

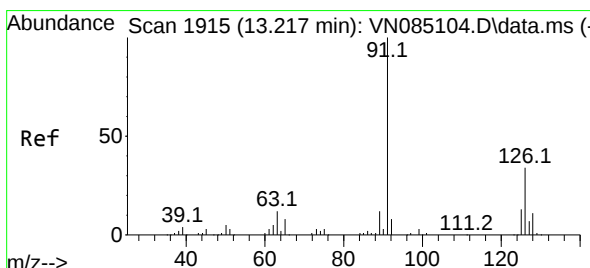
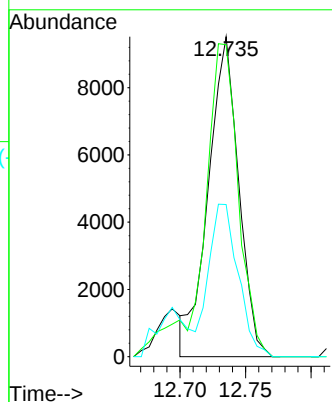
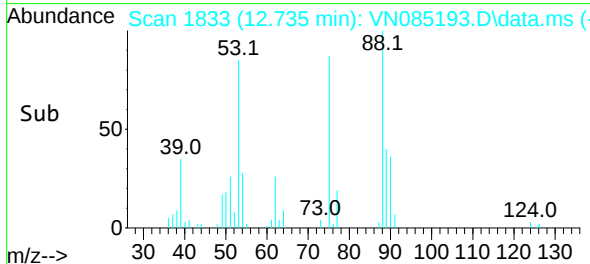
Instrument :
MSVOA_N
ClientSampleId :
VN1213WBSD01



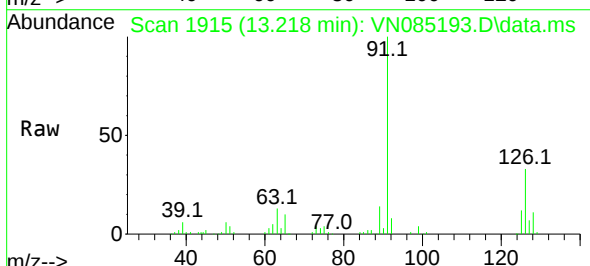
Tgt Ion: 75 Resp: 15312
Ion Ratio Lower Upper
75 100
53 111.5 78.2 117.4
89 46.0 37.9 56.9

Manual Integrations
APPROVED

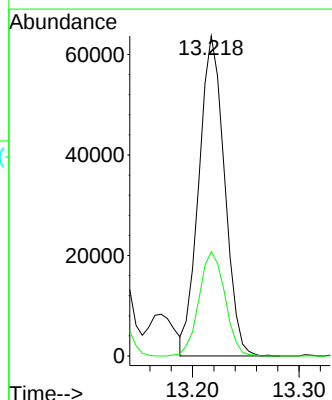
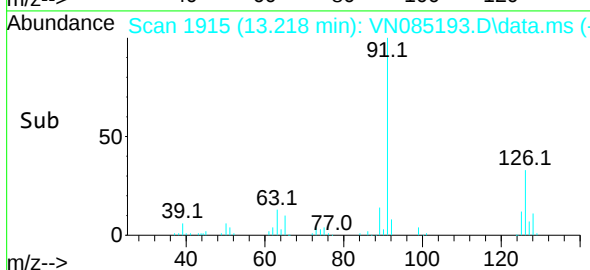
Reviewed By :Semsettin Yesilyurt 12/16/2024
Supervised By :Mahesh Dadoda 12/16/2024

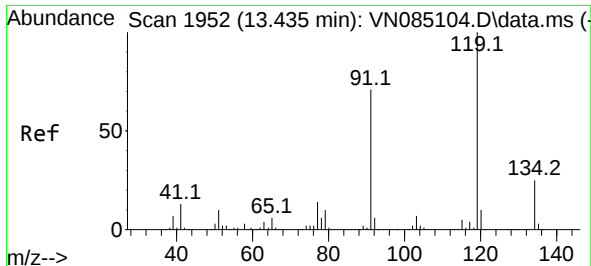


#82
4-Chlorotoluene
Concen: 19.403 ug/l
RT: 13.218 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VN085193.D
Acq: 13 Dec 2024 13:52



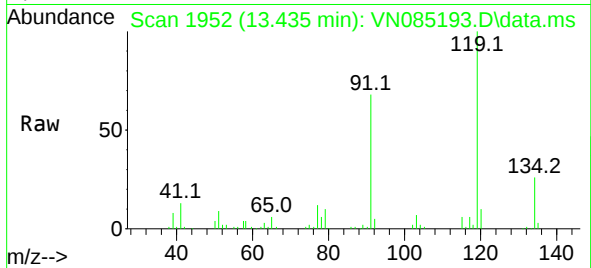
Tgt Ion: 91 Resp: 106543
Ion Ratio Lower Upper
91 100
126 33.0 16.1 48.3





#83
tert-Butylbenzene
Concen: 19.635 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VN085193.D
Acq: 13 Dec 2024 13:52

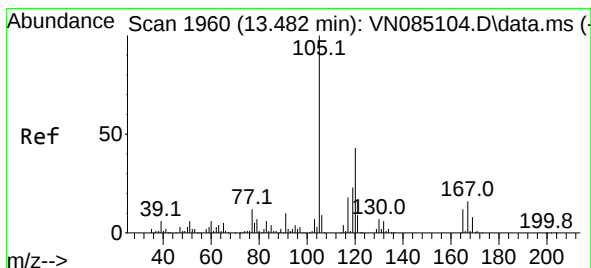
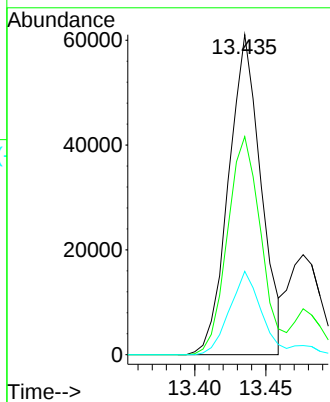
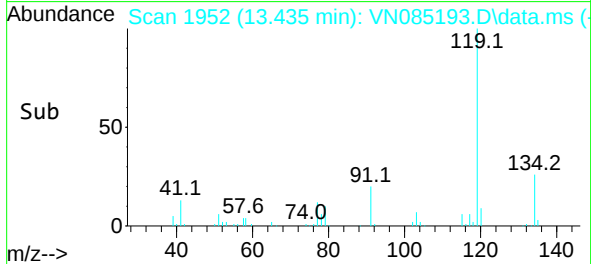
Instrument :
MSVOA_N
ClientSampleId :
VN1213WBSD01



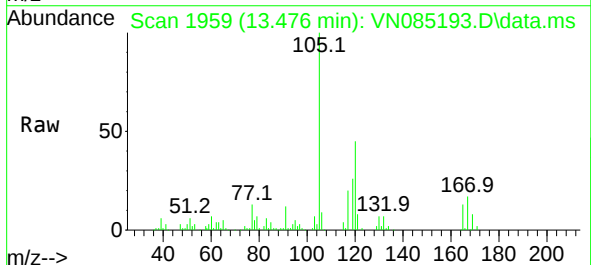
Tgt Ion:119 Resp: 97120
Ion Ratio Lower Upper
119 100
91 70.8 35.1 105.5
134 25.3 12.1 36.3

Manual Integrations
APPROVED

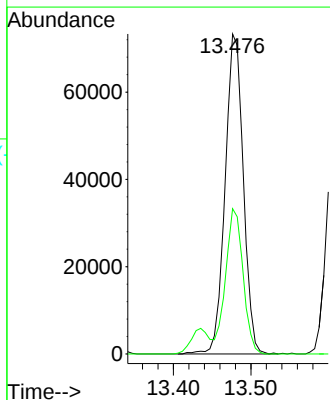
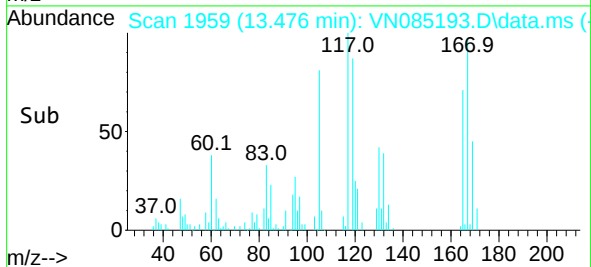
Reviewed By :Semsettin Yesilyurt 12/16/2024
Supervised By :Mahesh Dadoda 12/16/2024

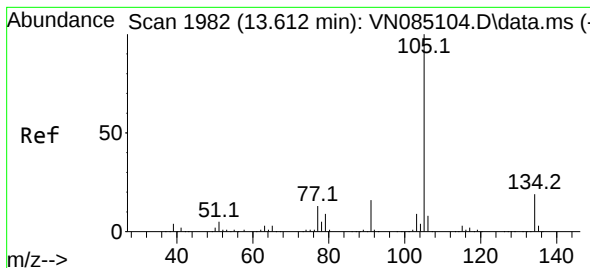


#84
1,2,4-Trimethylbenzene
Concen: 20.247 ug/l
RT: 13.476 min Scan# 1959
Delta R.T. -0.000 min
Lab File: VN085193.D
Acq: 13 Dec 2024 13:52



Tgt Ion:105 Resp: 119810
Ion Ratio Lower Upper
105 100
120 43.3 21.8 65.4





#85

sec-Butylbenzene

Concen: 20.479 ug/l

RT: 13.612 min Scan# 1982

Delta R.T. -0.000 min

Lab File: VN085193.D

Acq: 13 Dec 2024 13:52

Instrument :

MSVOA_N

ClientSampleId :

VN1213WBSD01

Tgt Ion:105 Resp: 13683

Ion Ratio Lower Upper

105 100

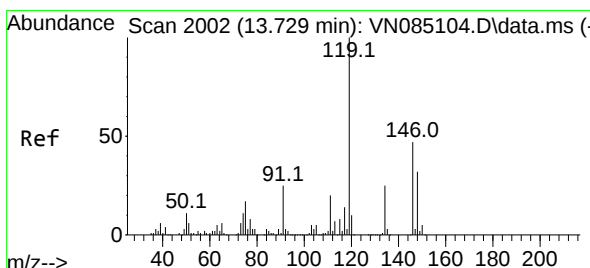
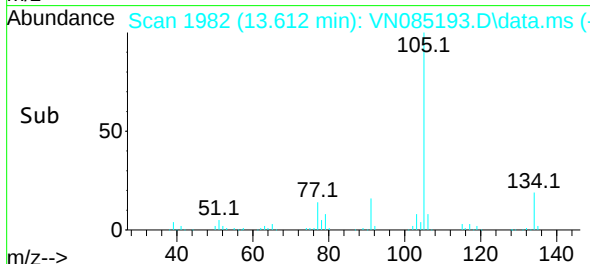
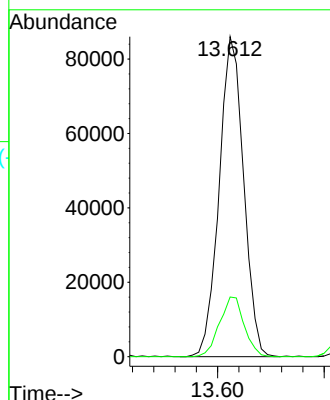
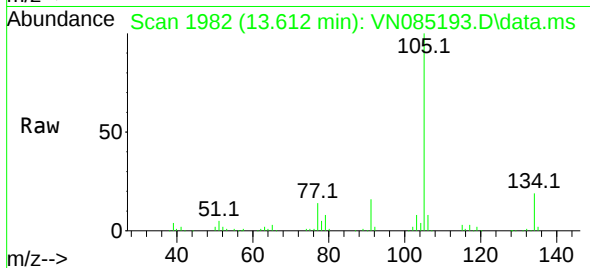
134 18.8 9.8 29.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/16/2024

Supervised By :Mahesh Dadoda 12/16/2024



#86

p-Isopropyltoluene

Concen: 20.421 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. 0.006 min

Lab File: VN085193.D

Acq: 13 Dec 2024 13:52

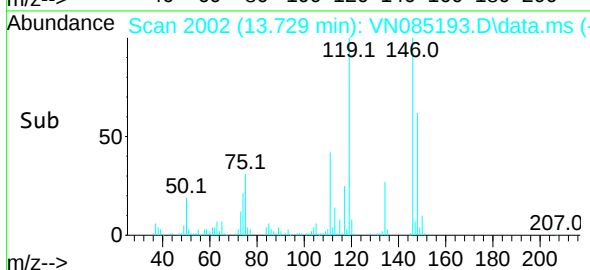
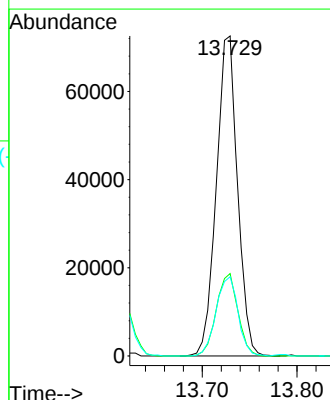
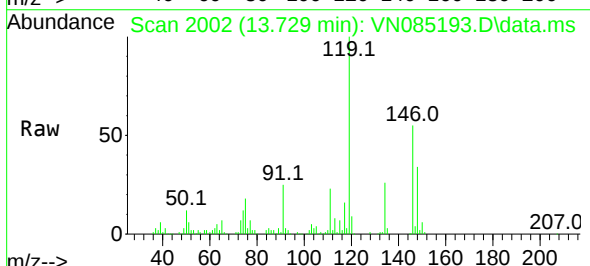
Tgt Ion:119 Resp: 112633

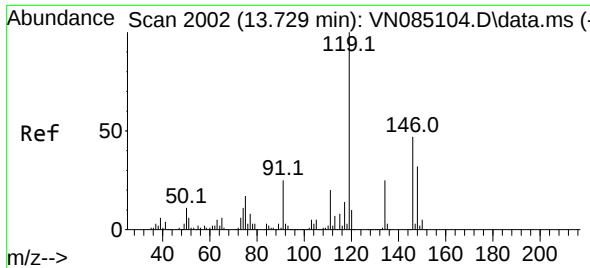
Ion Ratio Lower Upper

119 100

134 26.3 13.0 39.0

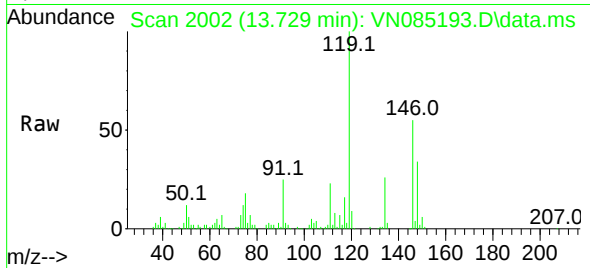
91 25.7 12.8 38.4





#87
1,3-Dichlorobenzene
Concen: 17.912 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. -0.000 min
Lab File: VN085193.D
Acq: 13 Dec 2024 13:52

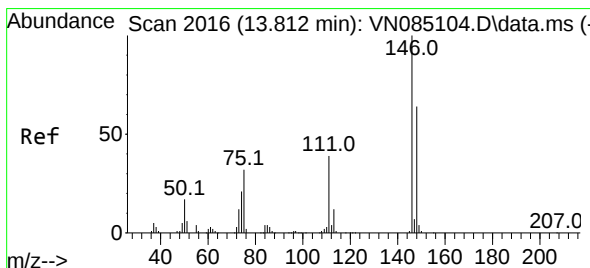
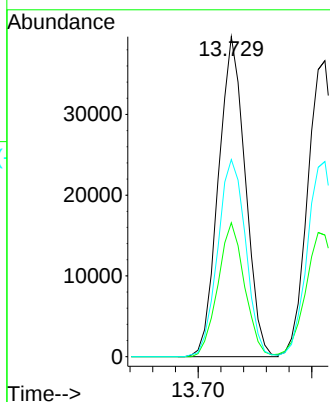
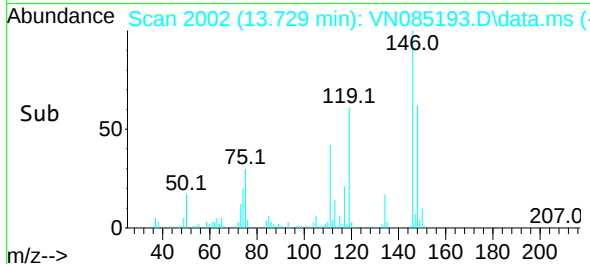
Instrument :
MSVOA_N
ClientSampleId :
VN1213WBSD01



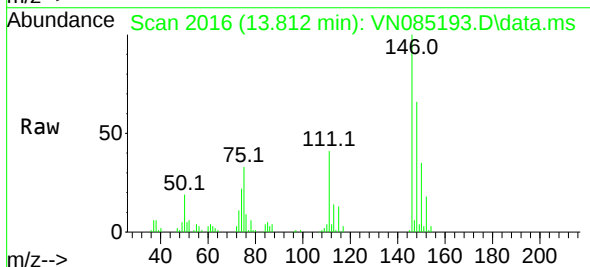
Tgt Ion:146 Resp: 65134
Ion Ratio Lower Upper
146 100
111 41.6 21.6 65.0
148 64.0 32.2 96.6

Manual Integrations
APPROVED

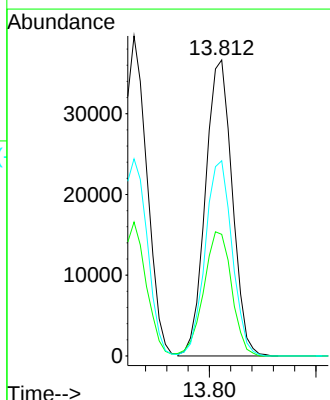
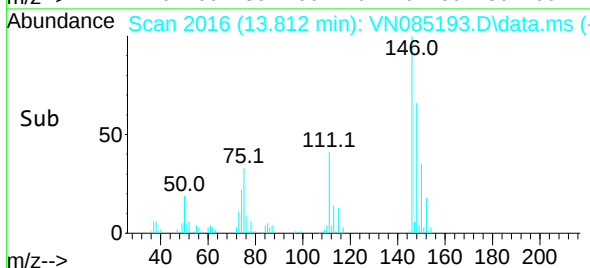
Reviewed By :Semsettin Yesilyurt 12/16/2024
Supervised By :Mahesh Dadoda 12/16/2024

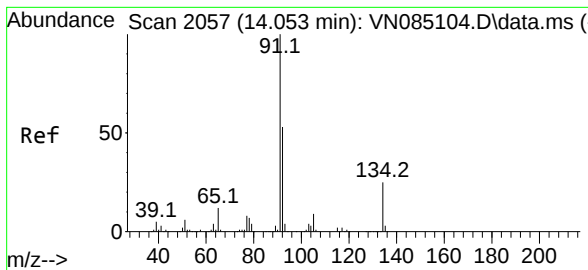


#88
1,4-Dichlorobenzene
Concen: 17.264 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN085193.D
Acq: 13 Dec 2024 13:52



Tgt Ion:146 Resp: 64065
Ion Ratio Lower Upper
146 100
111 43.8 20.9 62.8
148 66.3 31.3 93.9





#89

n-Butylbenzene

Concen: 18.083 ug/l

RT: 14.053 min Scan# 2057

Delta R.T. -0.000 min

Lab File: VN085193.D

Acq: 13 Dec 2024 13:52

Instrument :

MSVOA_N

ClientSampleId :

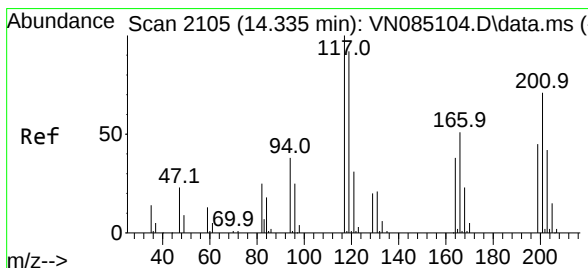
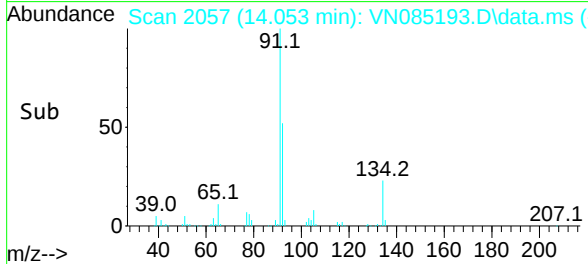
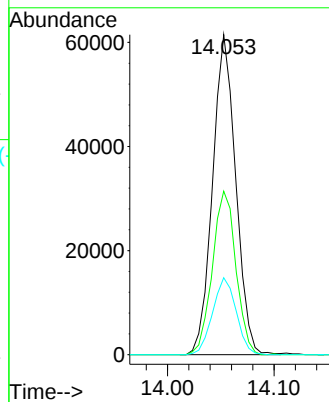
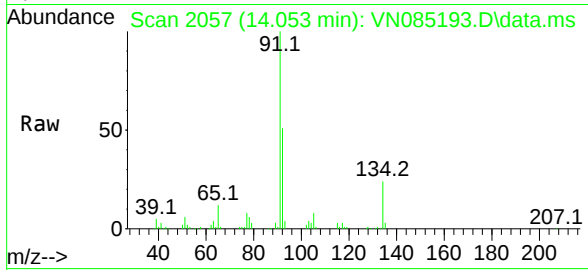
VN1213WBSD01

Tgt Ion: 91	Resp: 92754
Ion Ratio	Lower Upper
91 100	
92 51.8	26.8 80.3
134 24.5	12.8 38.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/16/2024
Supervised By :Mahesh Dadoda 12/16/2024



#90

Hexachloroethane

Concen: 18.693 ug/l

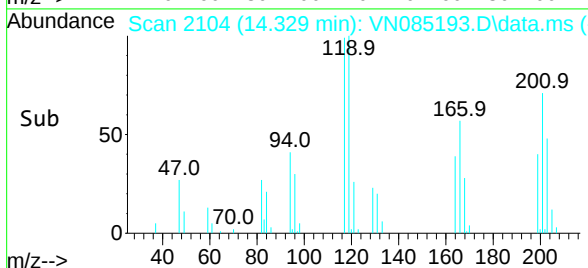
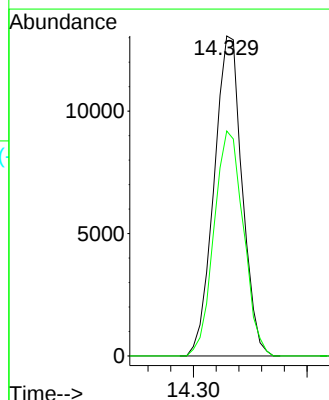
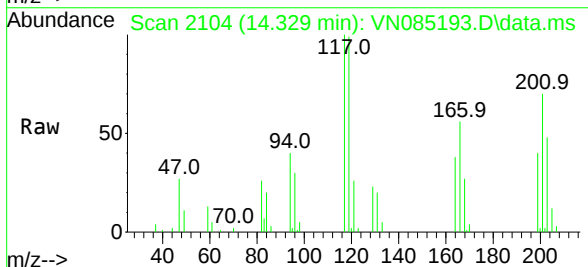
RT: 14.329 min Scan# 2104

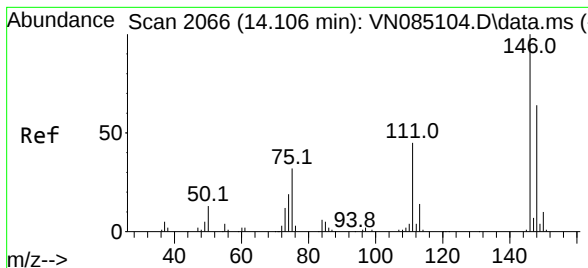
Delta R.T. -0.000 min

Lab File: VN085193.D

Acq: 13 Dec 2024 13:52

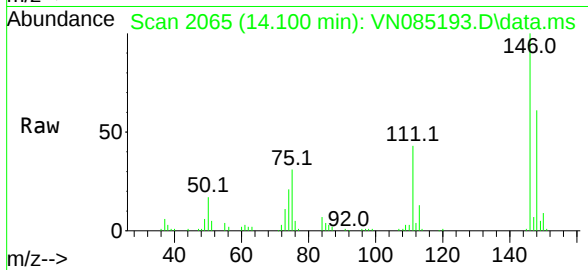
Tgt Ion:117	Resp: 22474
Ion Ratio	Lower Upper
117 100	
201 73.7	35.2 105.6





#91
1,2-Dichlorobenzene
Concen: 17.842 ug/l
RT: 14.100 min Scan# 2066
Delta R.T. -0.006 min
Lab File: VN085193.D
Acq: 13 Dec 2024 13:52

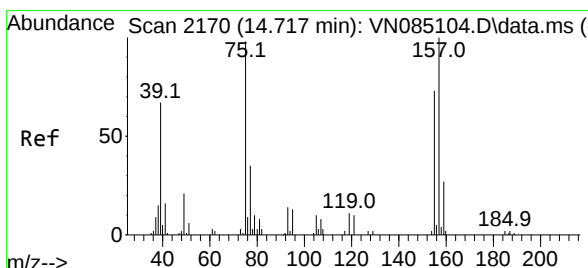
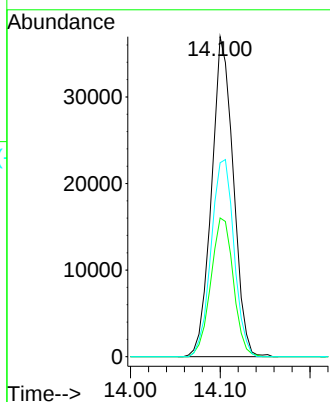
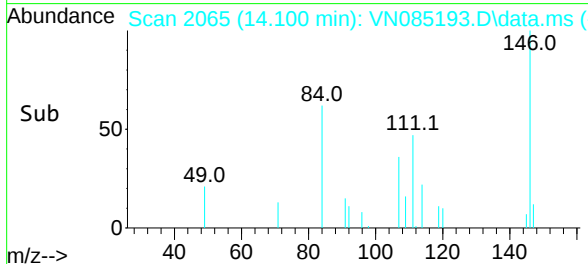
Instrument :
MSVOA_N
ClientSampleId :
VN1213WBSD01



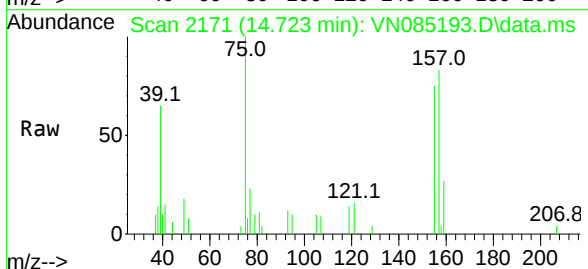
Tgt Ion:146 Resp: 62169
Ion Ratio Lower Upper
146 100
111 44.9 21.9 65.8
148 64.8 31.1 93.2

Manual Integrations
APPROVED

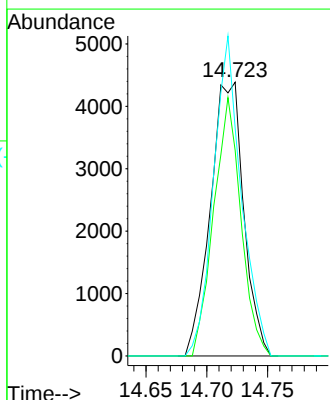
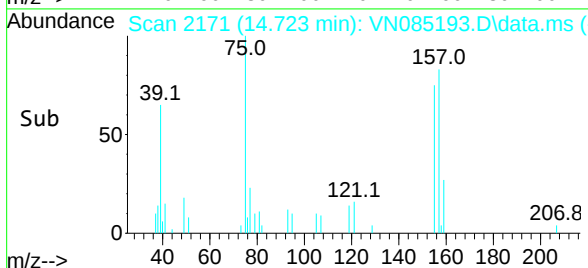
Reviewed By :Semsettin Yesilyurt 12/16/2024
Supervised By :Mahesh Dadoda 12/16/2024

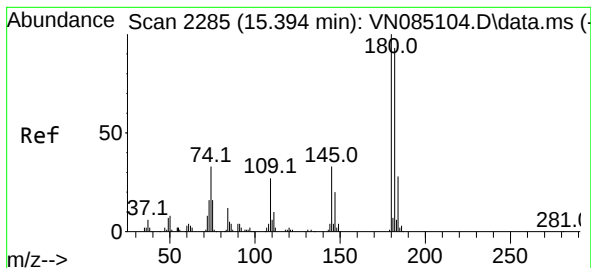


#92
1,2-Dibromo-3-Chloropropane
Concen: 18.501 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.006 min
Lab File: VN085193.D
Acq: 13 Dec 2024 13:52



Tgt Ion: 75 Resp: 8369
Ion Ratio Lower Upper
75 100
155 77.0 38.9 116.7
157 97.7 48.3 144.9





#93

1,2,4-Trichlorobenzene

Concen: 16.200 ug/l

RT: 15.382 min Scan# 21

Delta R.T. -0.006 min

Lab File: VN085193.D

Acq: 13 Dec 2024 13:52

Instrument :

MSVOA_N

ClientSampleId :

VN1213WBSD01

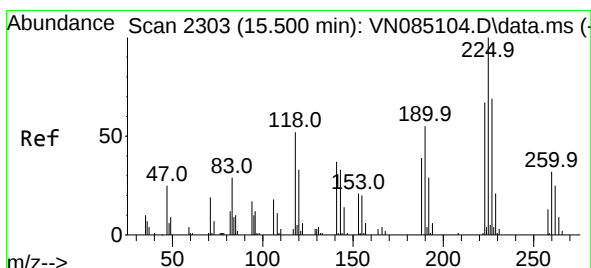
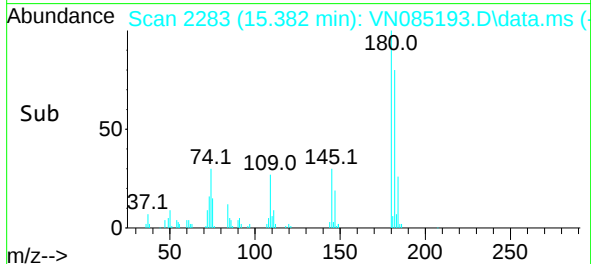
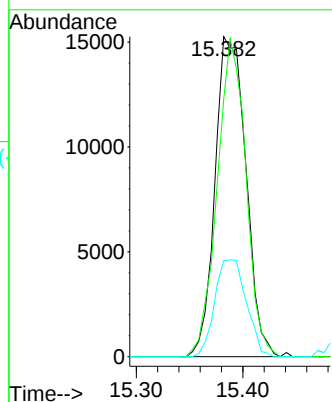
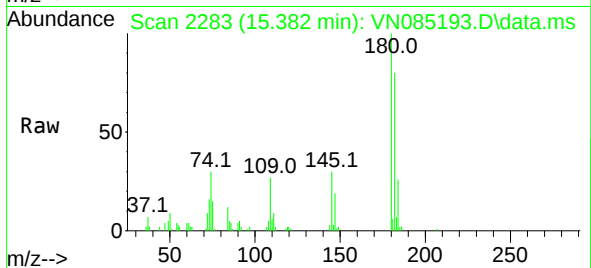
Tgt Ion:180	Resp:	3066
Ion Ratio	Lower	Upper
180	100	
182	92.8	46.9 140.8
145	31.0	16.3 48.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/16/2024

Supervised By :Mahesh Dadoda 12/16/2024



#94

Hexachlorobutadiene

Concen: 17.579 ug/l

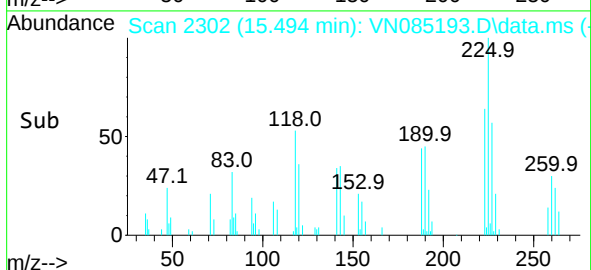
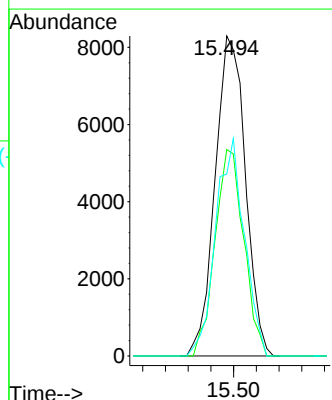
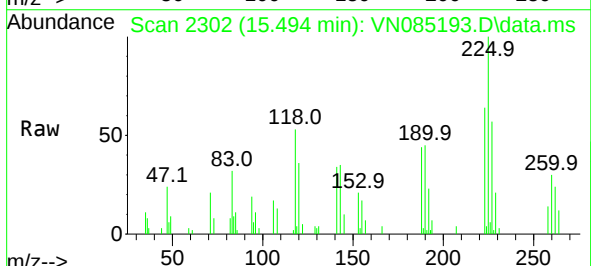
RT: 15.494 min Scan# 2302

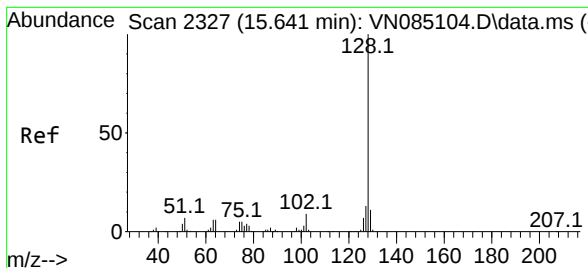
Delta R.T. -0.006 min

Lab File: VN085193.D

Acq: 13 Dec 2024 13:52

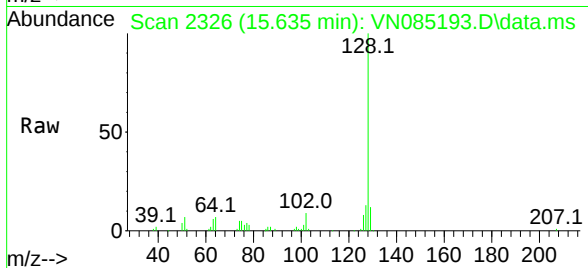
Tgt Ion:225	Resp:	15358
Ion Ratio	Lower	Upper
225	100	
223	61.3	30.9 92.8
227	64.5	31.5 94.5





#95
Naphthalene
Concen: 15.650 ug/l
RT: 15.635 min Scan# 2326
Delta R.T. -0.006 min
Lab File: VN085193.D
Acq: 13 Dec 2024 13:52

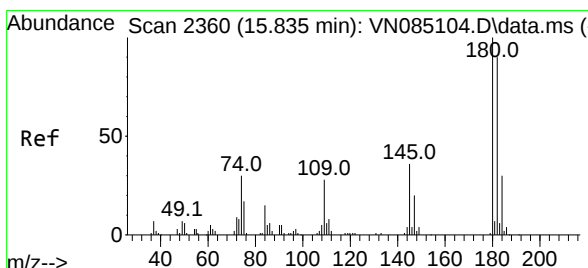
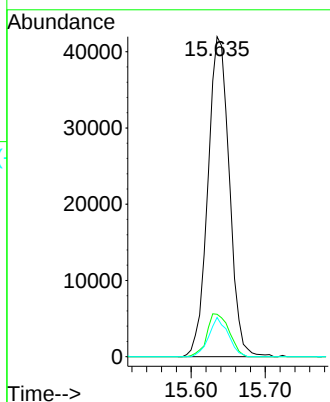
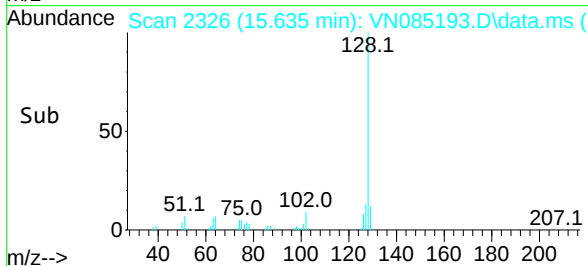
Instrument :
MSVOA_N
ClientSampleId :
VN1213WBSD01



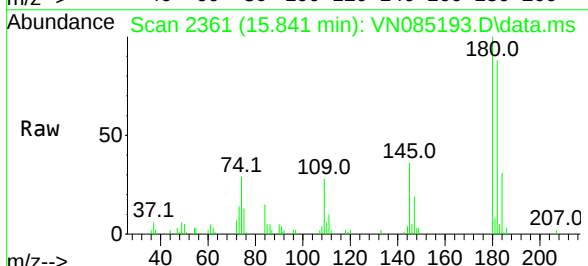
Tgt Ion:128 Resp: 84370
Ion Ratio Lower Upper
128 100
127 13.9 10.6 16.0
129 11.0 8.6 12.8

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 12/16/2024
Supervised By :Mahesh Dadoda 12/16/2024



#96
1,2,3-Trichlorobenzene
Concen: 16.366 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. 0.006 min
Lab File: VN085193.D
Acq: 13 Dec 2024 13:52



Tgt Ion:180 Resp: 29561
Ion Ratio Lower Upper
180 100
182 96.5 46.4 139.2
145 36.5 17.3 52.0

