

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121824\
 Data File : VN085262.D
 Acq On : 18 Dec 2024 19:57
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/20/2024
 Supervised By : Mahesh Dadoda 12/20/2024

Quant Time: Dec 19 06:50:13 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121824W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 19 06:31:00 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	119541	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	207181	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	192004	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	94771	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	102760	49.182	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	98.360%		
35) Dibromofluoromethane	8.165	113	72714	49.921	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	99.840%		
50) Toluene-d8	10.565	98	280426	52.674	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	105.340%		
62) 4-Bromofluorobenzene	12.847	95	99685	52.424	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	104.840%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	90943	47.756	ug/l	93
3) Chloromethane	2.360	50	80604	44.406	ug/l	96
4) Vinyl Chloride	2.513	62	83178	48.907	ug/l	92
5) Bromomethane	2.942	94	50848	45.577	ug/l	95
6) Chloroethane	3.112	64	54522	52.180	ug/l	96
7) Trichlorofluoromethane	3.495	101	136397	49.664	ug/l	100
8) Diethyl Ether	3.959	74	48733	56.493	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.371	101	74358	50.481	ug/l	97
10) Methyl Iodide	4.589	142	91042	54.208	ug/l #	95
11) Tert butyl alcohol	5.524	59	72199	248.761	ug/l	97
12) 1,1-Dichloroethene	4.336	96	70782	51.877	ug/l	96
13) Acrolein	4.177	56	89060	266.458	ug/l	97
14) Allyl chloride	5.024	41	122332	51.771	ug/l	97
15) Acrylonitrile	5.718	53	215688	272.845	ug/l	99
16) Acetone	4.430	43	190532	264.181	ug/l	97
17) Carbon Disulfide	4.712	76	220895	47.441	ug/l	99
18) Methyl Acetate	5.024	43	104694	51.276	ug/l	99
19) Methyl tert-butyl Ether	5.795	73	255291	54.589	ug/l	98
20) Methylene Chloride	5.271	84	83312	52.808	ug/l	99
21) trans-1,2-Dichloroethene	5.789	96	77148	51.285	ug/l	89
22) Diisopropyl ether	6.671	45	282388	56.020	ug/l	99
23) Vinyl Acetate	6.600	43	1092924	280.589	ug/l	99
24) 1,1-Dichloroethane	6.571	63	152805	52.331	ug/l	98
25) 2-Butanone	7.483	43	272519	246.741	ug/l	97
26) 2,2-Dichloropropane	7.489	77	113898	42.124	ug/l	100
27) cis-1,2-Dichloroethene	7.483	96	81873	46.745	ug/l	99
28) Bromochloromethane	7.812	49	72573	49.282	ug/l	100
29) Tetrahydrofuran	7.836	42	183158	257.258	ug/l	99
30) Chloroform	7.959	83	146557	46.999	ug/l	99
31) Cyclohexane	8.253	56	119764	44.305	ug/l	97
32) 1,1,1-Trichloroethane	8.165	97	133188	47.922	ug/l	98
36) 1,1-Dichloropropene	8.371	75	100125	49.366	ug/l	100
37) Ethyl Acetate	7.559	43	114701	49.019	ug/l	99
38) Carbon Tetrachloride	8.359	117	112872	46.028	ug/l	98
39) Methylcyclohexane	9.600	83	100559	47.645	ug/l	98
40) Benzene	8.606	78	311371	49.348	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	64432	54.032	ug/l	96
42) 1,2-Dichloroethane	8.665	62	116804	48.599	ug/l	99
43) Isopropyl Acetate	8.689	43	194134	45.368	ug/l	99
44) Trichloroethene	9.353	130	66123	47.070	ug/l	99
45) 1,2-Dichloropropane	9.618	63	77275	49.463	ug/l	94
46) Dibromomethane	9.706	93	55972	50.187	ug/l	97
47) Bromodichloromethane	9.889	83	115809	48.467	ug/l	98
48) Methyl methacrylate	9.683	41	92050	52.477	ug/l	99
49) 1,4-Dioxane	9.694	88	29116	1052.776	ug/l	94
51) 4-Methyl-2-Pentanone	10.441	43	597460	265.732	ug/l	100
52) Toluene	10.630	92	194192	51.184	ug/l	99
53) t-1,3-Dichloropropene	10.836	75	119562	51.334	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	123504	49.875	ug/l	99
55) 1,1,2-Trichloroethane	11.018	97	73306	51.601	ug/l	96
56) Ethyl methacrylate	10.871	69	123633	45.960	ug/l	96
57) 1,3-Dichloropropane	11.165	76	125791	50.310	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	284446	223.792	ug/l	99
59) 2-Hexanone	11.194	43	441800	275.658	ug/l	100
60) Dibromochloromethane	11.359	129	87023	51.687	ug/l	100
61) 1,2-Dibromoethane	11.465	107	73653	50.335	ug/l	99
64) Tetrachloroethene	11.106	164	58049	44.929	ug/l	98
65) Chlorobenzene	11.888	112	206860	47.929	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.959	131	75694	50.269	ug/l	97
67) Ethyl Benzene	11.965	91	374458	50.618	ug/l	98
68) m/p-Xylenes	12.071	106	284931	102.982	ug/l	99
69) o-Xylene	12.394	106	137211	52.761	ug/l	98
70) Styrene	12.412	104	236234	54.412	ug/l	99
71) Bromoform	12.577	173	58981	49.971	ug/l #	97
73) Isopropylbenzene	12.694	105	348395	50.961	ug/l	100
74) N-amyl acetate	12.494	43	181641	53.196	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.935	83	113623	46.646	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	108897m	48.205	ug/l	
77) Bromobenzene	12.977	156	83159	46.328	ug/l	99
78) n-propylbenzene	13.035	91	422399	50.379	ug/l	99
79) 2-Chlorotoluene	13.124	91	261471	49.117	ug/l	99
80) 1,3,5-Trimethylbenzene	13.171	105	301560	52.883	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	40980	48.169	ug/l	91
82) 4-Chlorotoluene	13.218	91	264514	49.103	ug/l	100
83) tert-Butylbenzene	13.435	119	242149	50.073	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	300345	51.528	ug/l	100
85) sec-Butylbenzene	13.618	105	341285	50.620	ug/l	100
86) p-Isopropyltoluene	13.729	119	283370	43.692	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	151700	45.892	ug/l	100
88) 1,4-Dichlorobenzene	13.812	146	152344	44.541	ug/l	100
89) n-Butylbenzene	14.053	91	242367	48.883	ug/l	98
90) Hexachloroethane	14.329	117	57087	46.093	ug/l	97
91) 1,2-Dichlorobenzene	14.106	146	146076	47.512	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.718	75	23032	49.305	ug/l	99
93) 1,2,4-Trichlorobenzene	15.388	180	68084	43.260	ug/l	99
94) Hexachlorobutadiene	15.500	225	30377	37.137	ug/l	96
95) Naphthalene	15.641	128	226882	43.532	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	67350	42.844	ug/l	100

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

(#) = qualifier out of range (m) = manual integration (+) = signals summed

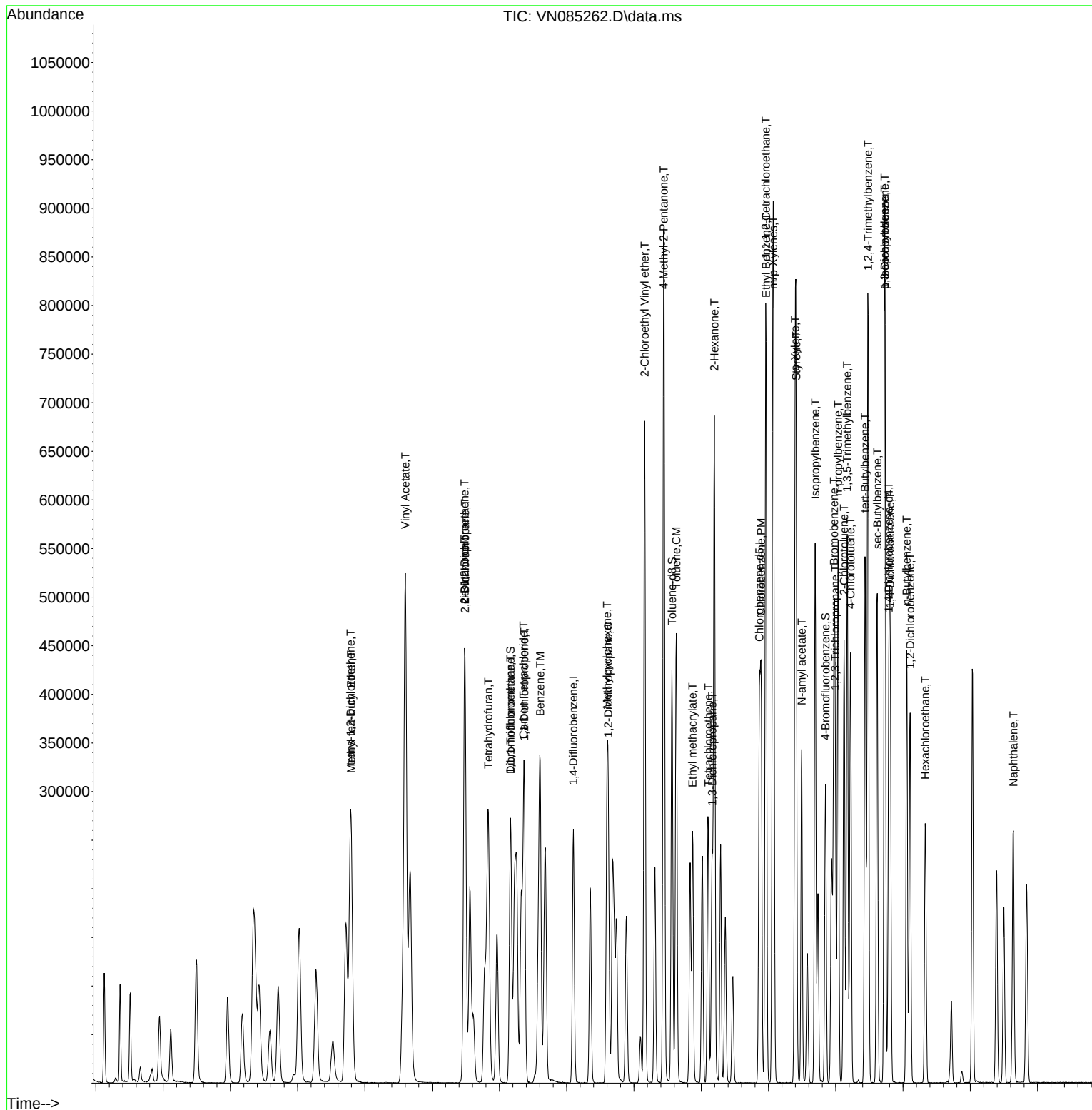
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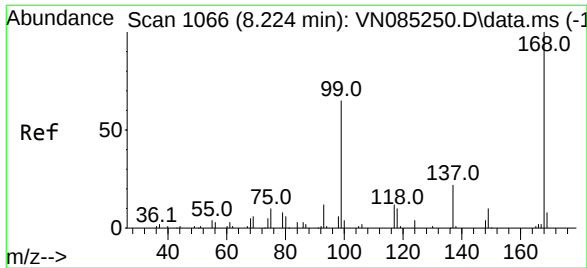
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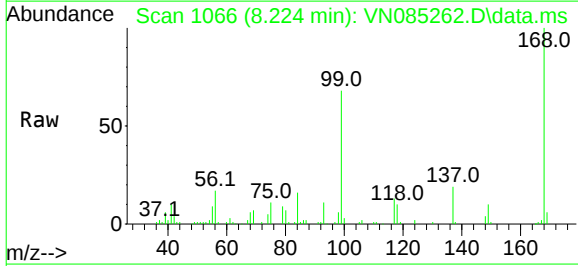
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
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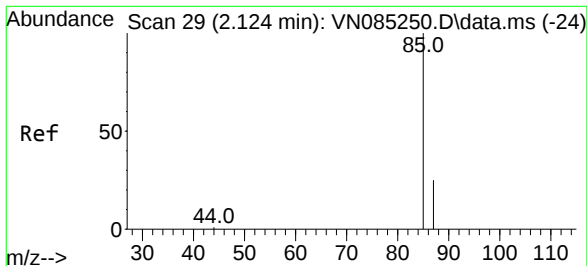
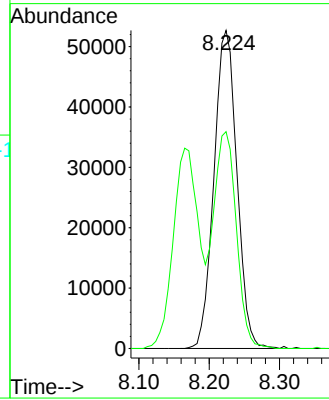
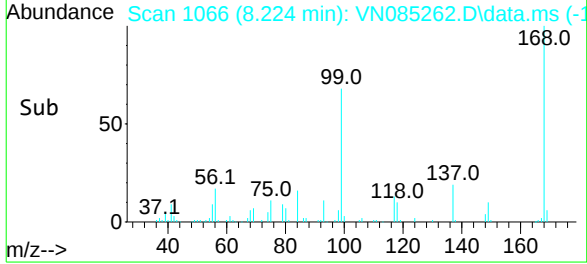
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Tgt Ion: 168 Resp: 119541
Ion Ratio Lower Upper
168 100
99 68.2 50.7 76.1

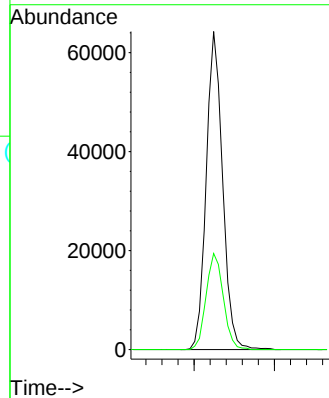
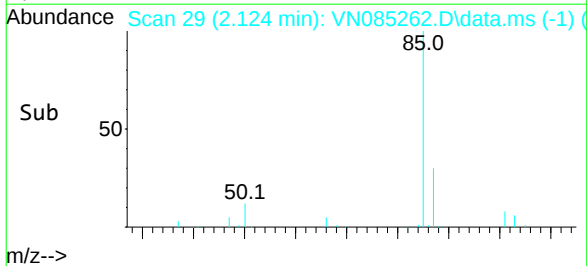
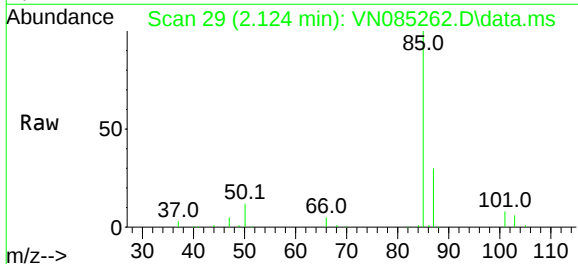
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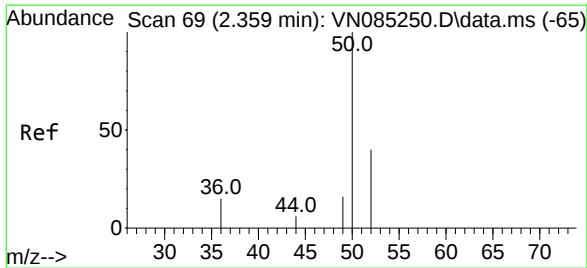
Reviewed By : John Carlone 12/20/2024
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#2
Dichlorodifluoromethane
Concen: 47.756 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN085262.D
Acq: 18 Dec 2024 19:57

Tgt Ion: 85 Resp: 90943
Ion Ratio Lower Upper
85 100
87 30.2 17.1 51.3





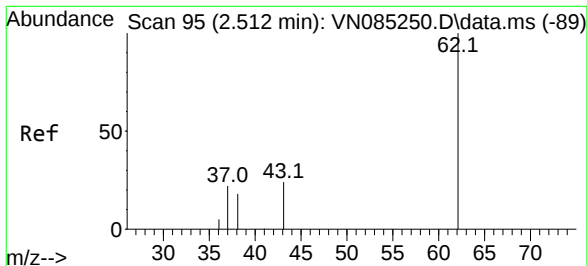
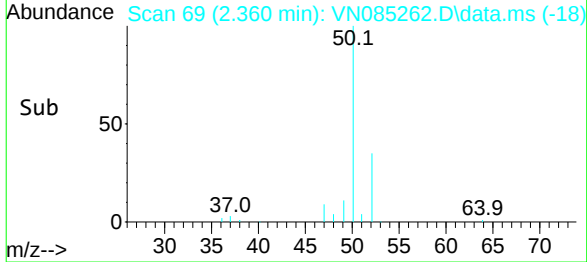
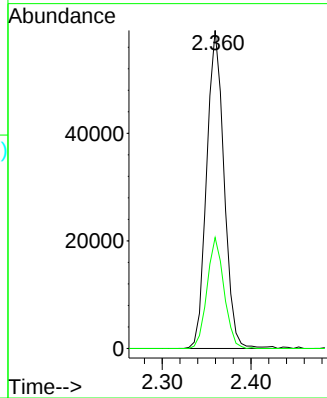
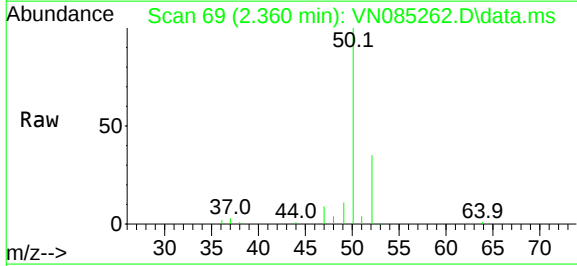
#3
Chloromethane
Concen: 44.406 ug/l
RT: 2.360 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN085262.D
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Instrument :
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Tgt Ion: 50 Resp: 80604
Ion Ratio Lower Upper
50 100
52 34.9 26.2 39.2

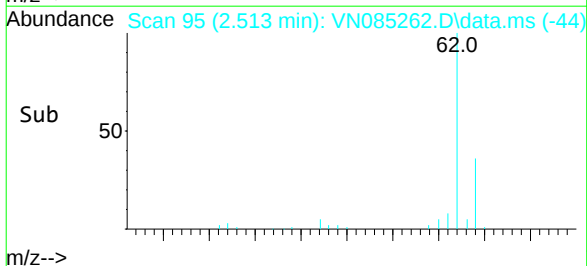
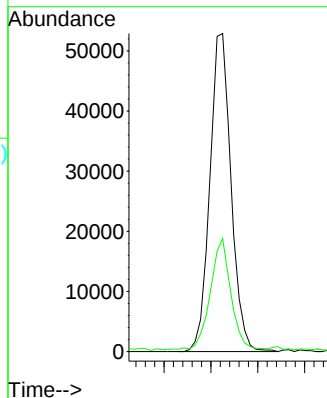
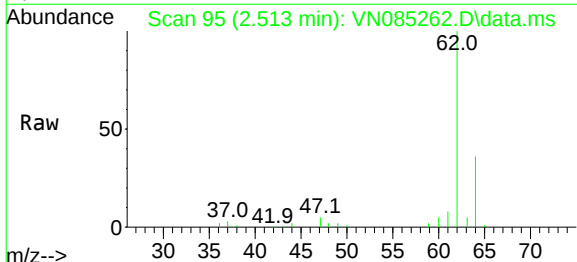
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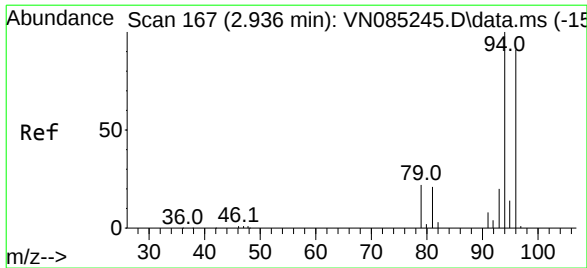
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#4
Vinyl Chloride
Concen: 48.907 ug/l
RT: 2.513 min Scan# 95
Delta R.T. 0.000 min
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Acq: 18 Dec 2024 19:57

Tgt Ion: 62 Resp: 83178
Ion Ratio Lower Upper
62 100
64 34.8 24.5 36.7





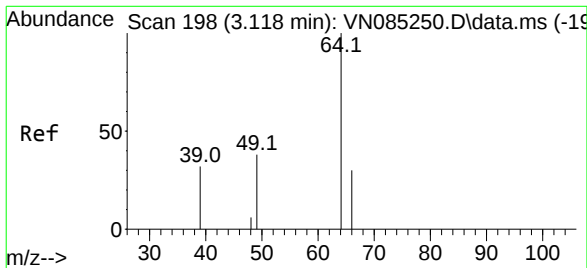
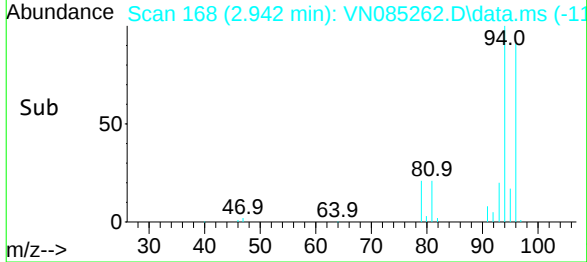
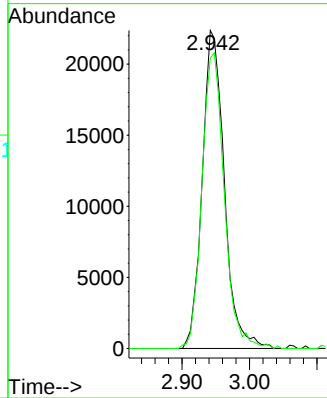
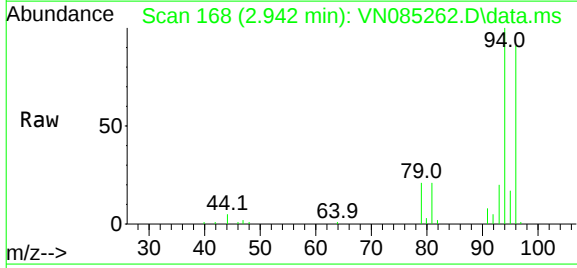
#5
Bromomethane
Concen: 45.577 ug/l
RT: 2.942 min Scan# 16
Delta R.T. -0.006 min
Lab File: VN085262.D
Acq: 18 Dec 2024 19:57

Instrument :
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Tgt Ion: 94 Resp: 50848
Ion Ratio Lower Upper
94 100
96 91.3 76.8 115.2

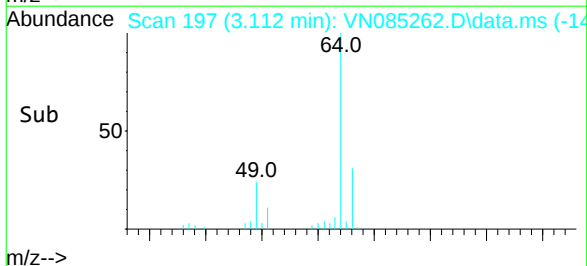
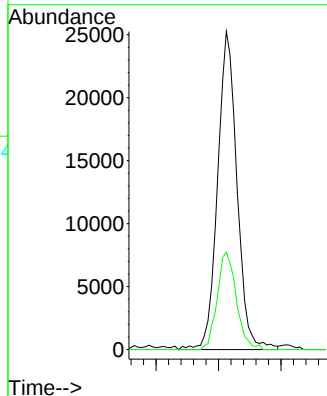
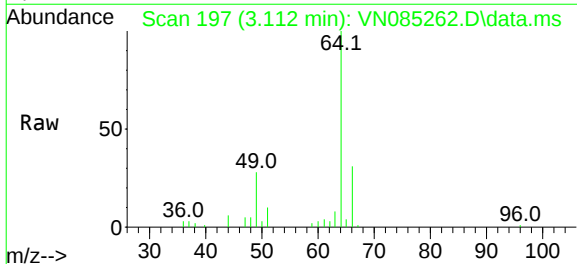
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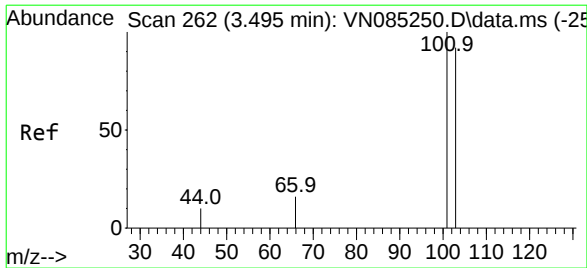
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#6
Chloroethane
Concen: 52.180 ug/l
RT: 3.112 min Scan# 197
Delta R.T. 0.000 min
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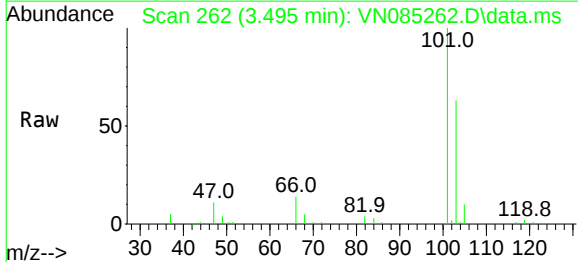
Tgt Ion: 64 Resp: 54522
Ion Ratio Lower Upper
64 100
66 30.6 26.3 39.5





#7
Trichlorofluoromethane
Concen: 49.664 ug/l
RT: 3.495 min Scan# 262
Delta R.T. 0.000 min
Lab File: VN085262.D
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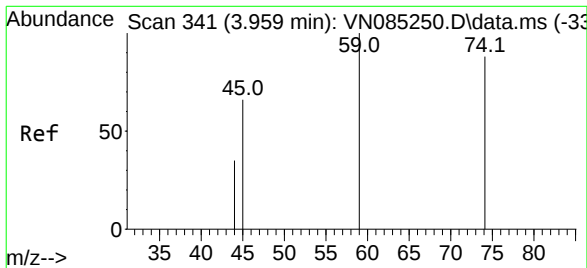
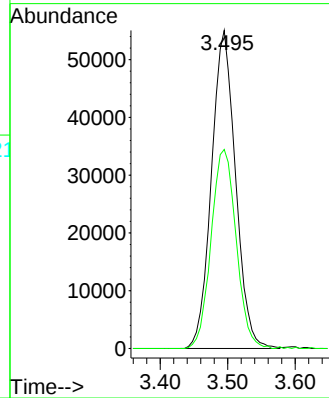
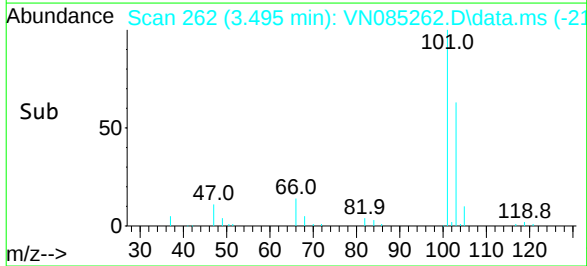
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Tgt Ion: 101 Resp: 136397
Ion Ratio Lower Upper
101 100
103 62.6 50.2 75.4

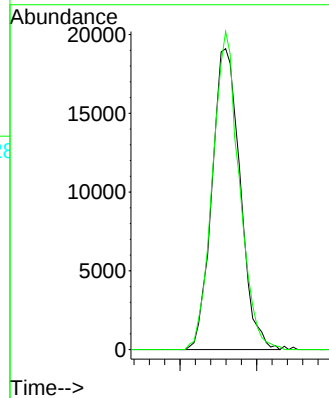
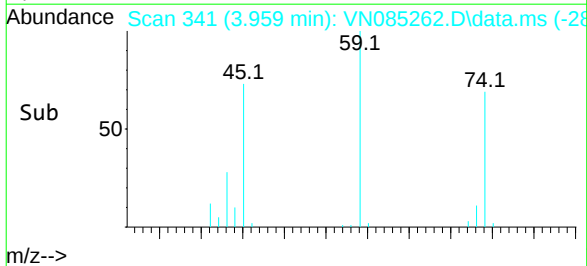
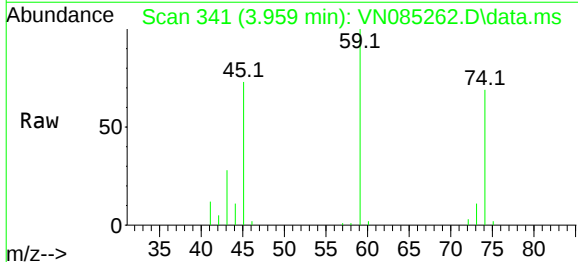
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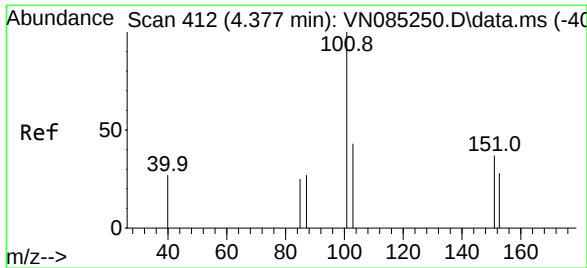
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#8
Diethyl Ether
Concen: 56.493 ug/l
RT: 3.959 min Scan# 341
Delta R.T. 0.006 min
Lab File: VN085262.D
Acq: 18 Dec 2024 19:57

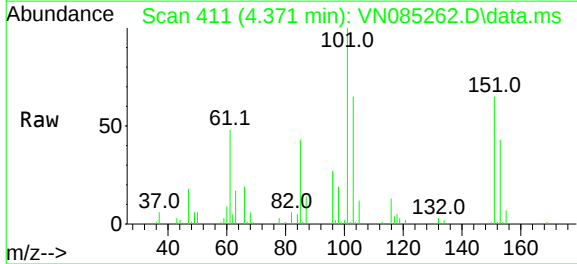
Tgt Ion: 74 Resp: 48733
Ion Ratio Lower Upper
74 100
45 100.4 50.0 150.1





#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.481 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN085262.D
Acq: 18 Dec 2024 19:57

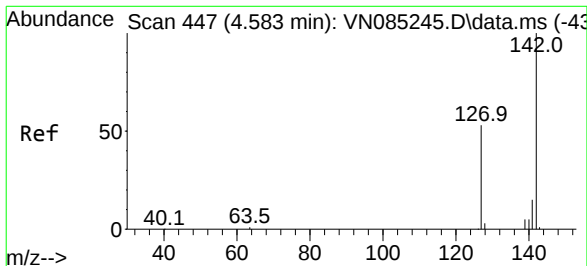
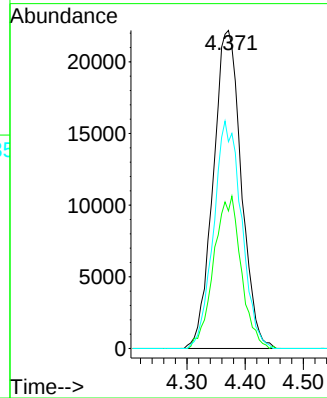
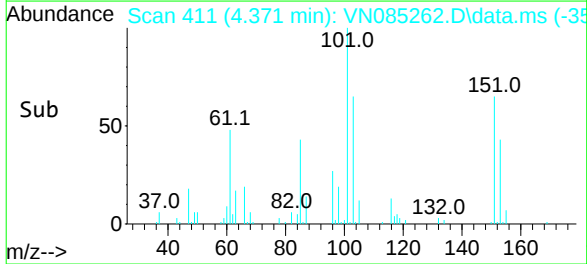
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



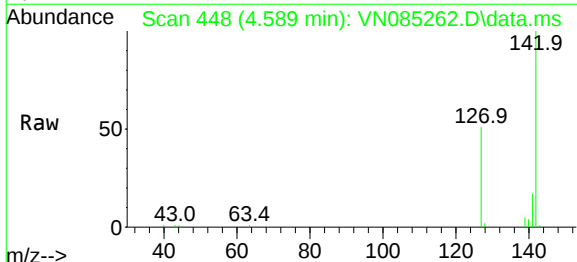
Tgt Ion:101 Resp: 74358
Ion Ratio Lower Upper
101 100
85 46.8 39.0 58.4
151 71.2 58.6 87.8

Manual Integrations
APPROVED

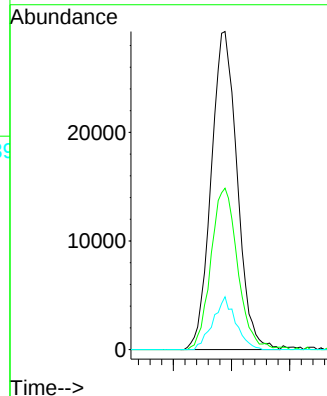
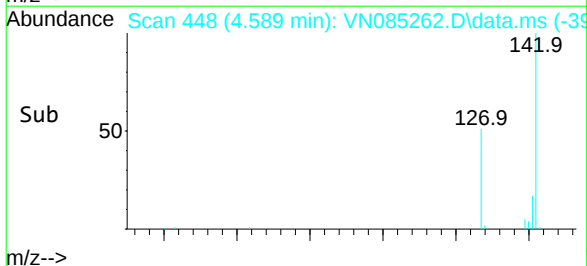
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024

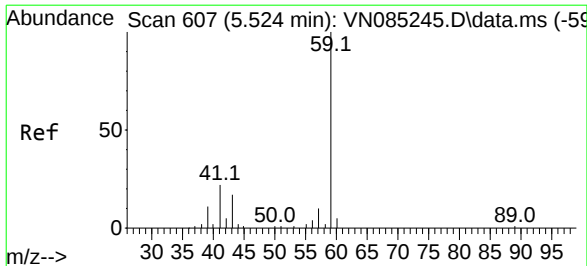


#10
Methyl Iodide
Concen: 54.208 ug/l
RT: 4.589 min Scan# 448
Delta R.T. -0.000 min
Lab File: VN085262.D
Acq: 18 Dec 2024 19:57



Tgt Ion:142 Resp: 91042
Ion Ratio Lower Upper
142 100
127 50.7 42.5 63.7
141 16.6 10.2 15.4#





#11

Tert butyl alcohol

Concen: 248.761 ug/l

RT: 5.524 min Scan# 607

Delta R.T. 0.006 min

Lab File: VN085262.D

Acq: 18 Dec 2024 19:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 59 Resp: 72199

Ion Ratio Lower Upper

59 100

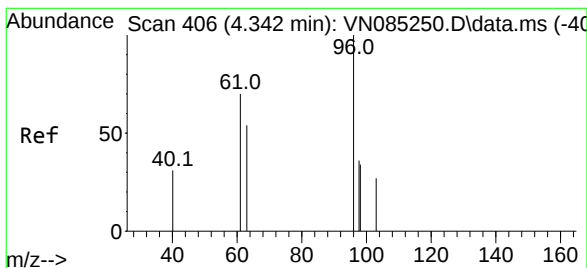
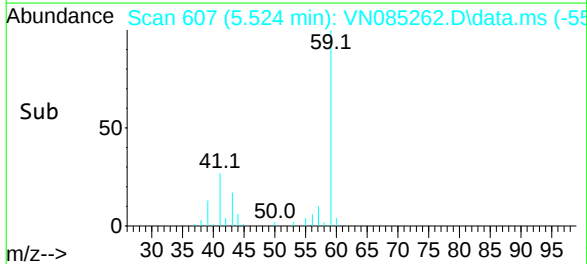
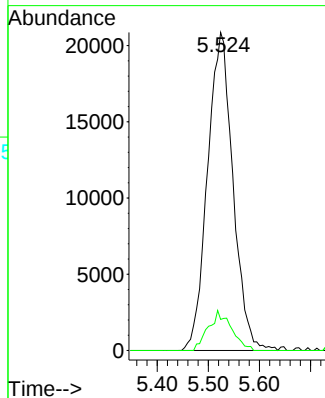
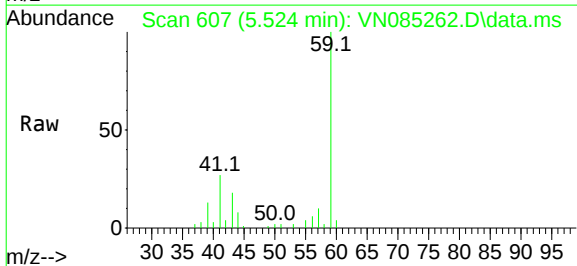
57 11.3 8.2 12.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/20/2024

Supervised By :Mahesh Dadoda 12/20/2024



#12

1,1-Dichloroethene

Concen: 51.877 ug/l

RT: 4.336 min Scan# 405

Delta R.T. 0.000 min

Lab File: VN085262.D

Acq: 18 Dec 2024 19:57

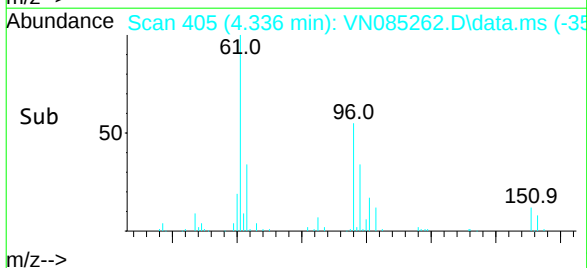
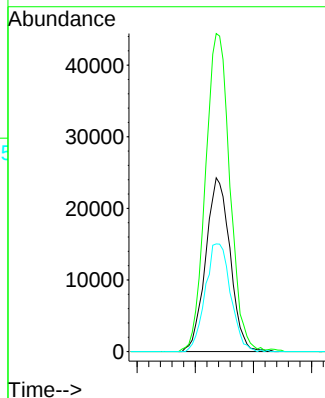
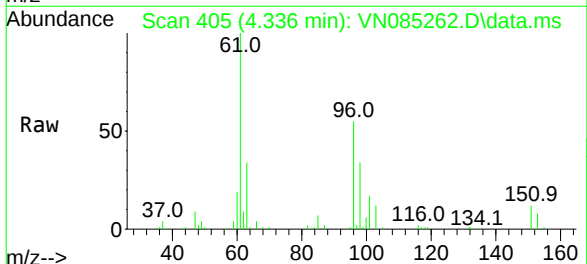
Tgt Ion: 96 Resp: 70782

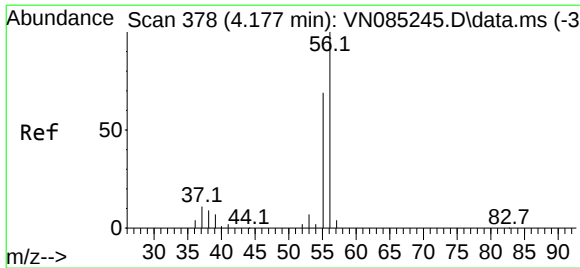
Ion Ratio Lower Upper

96 100

61 183.1 151.6 227.4

98 62.0 51.9 77.9





#13

Acrolein

Concen: 266.458 ug/l

RT: 4.177 min Scan# 37

Delta R.T. 0.000 min

Lab File: VN085262.D

Acq: 18 Dec 2024 19:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 56 Resp: 89060

Ion Ratio Lower Upper

56 100

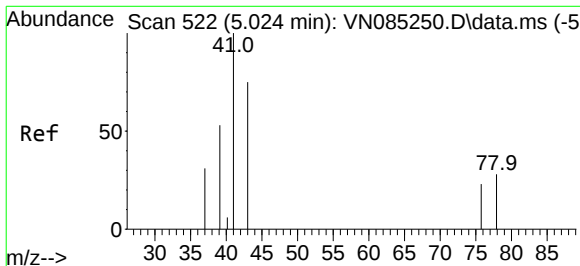
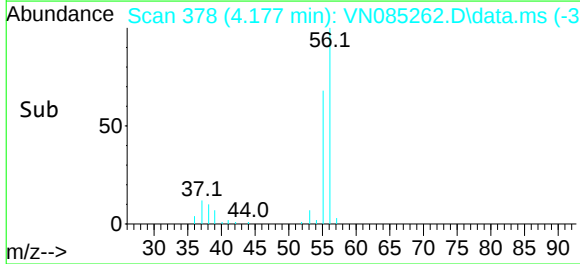
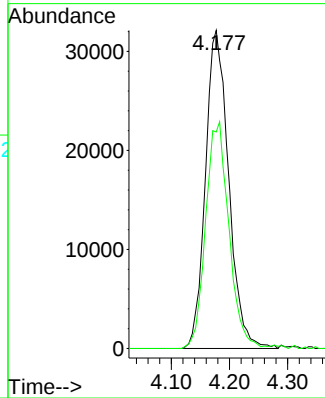
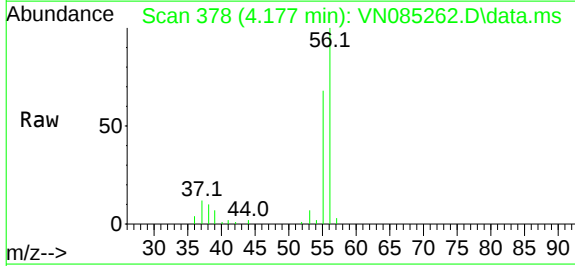
55 71.3 59.0 88.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/20/2024

Supervised By :Mahesh Dadoda 12/20/2024



#14

Allyl chloride

Concen: 51.771 ug/l

RT: 5.024 min Scan# 522

Delta R.T. 0.006 min

Lab File: VN085262.D

Acq: 18 Dec 2024 19:57

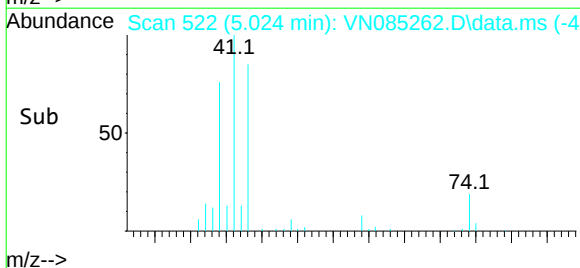
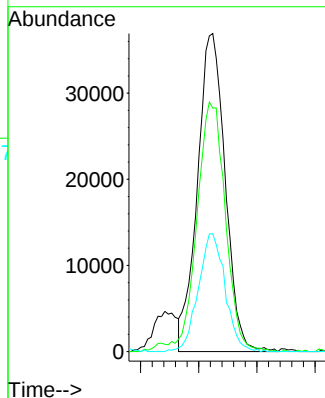
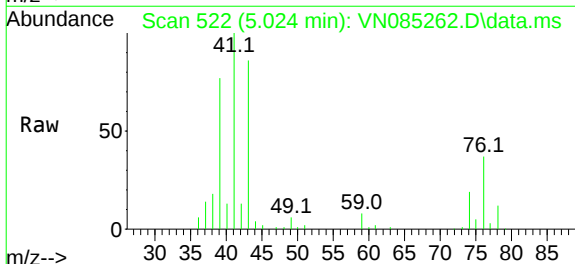
Tgt Ion: 41 Resp: 122332

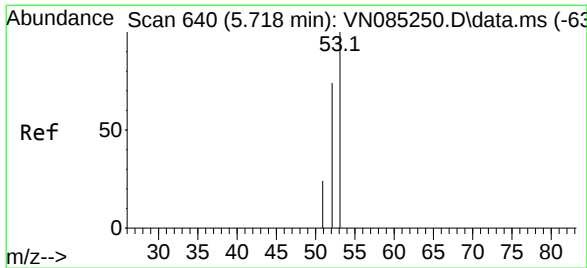
Ion Ratio Lower Upper

41 100

39 80.2 66.7 100.1

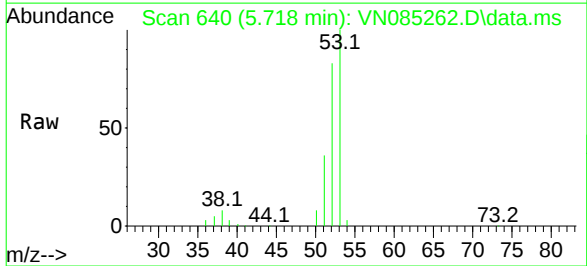
76 35.8 29.4 44.2





#15
Acrylonitrile
Concen: 272.845 ug/l
RT: 5.718 min Scan# 640
Delta R.T. 0.006 min
Lab File: VN085262.D
Acq: 18 Dec 2024 19:57

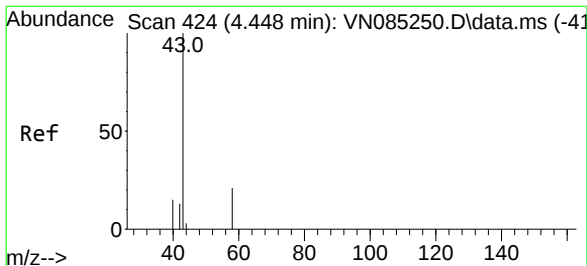
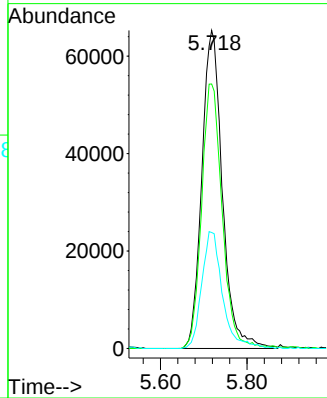
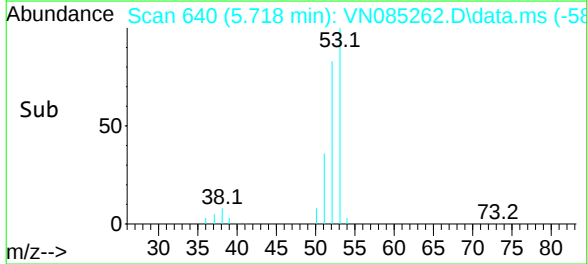
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 215688
Ion Ratio Lower Upper
53 100
52 83.1 66.3 99.5
51 37.1 28.2 42.2

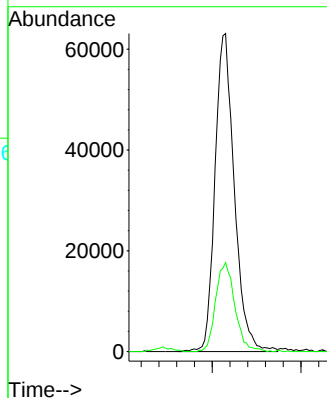
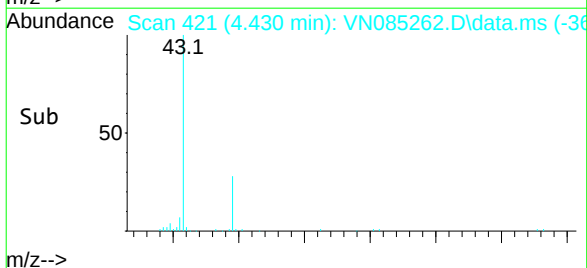
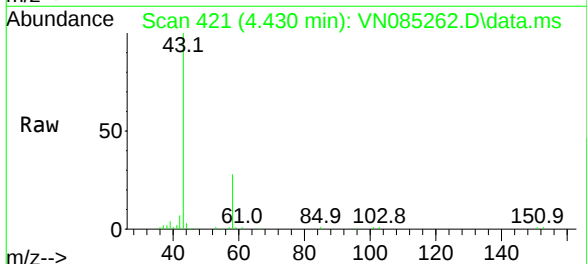
Manual Integrations
APPROVED

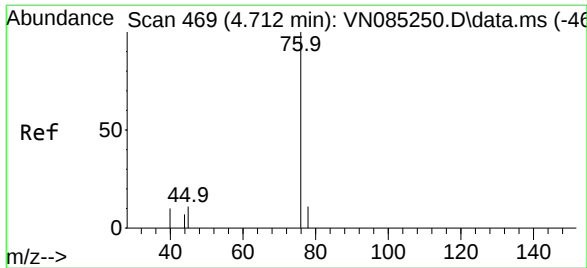
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#16
Acetone
Concen: 264.181 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN085262.D
Acq: 18 Dec 2024 19:57

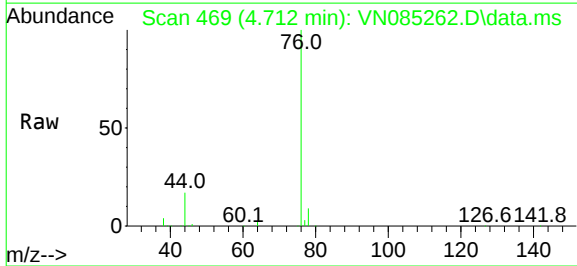
Tgt Ion: 43 Resp: 190532
Ion Ratio Lower Upper
43 100
58 27.5 20.8 31.2





#17
Carbon Disulfide
Concen: 47.441 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.000 min
Lab File: VN085262.D
Acq: 18 Dec 2024 19:57

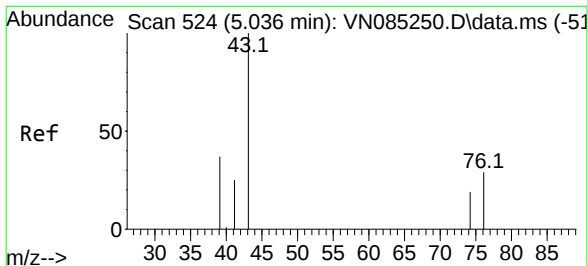
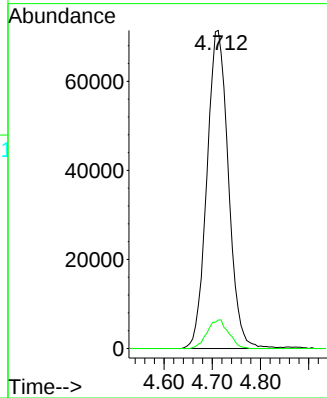
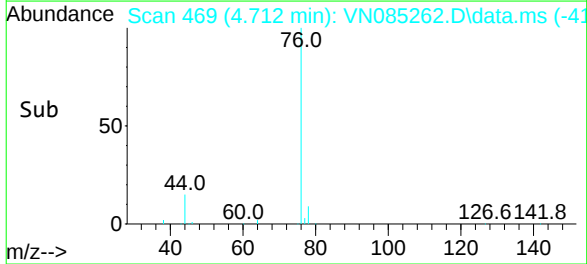
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 220895
Ion Ratio Lower Upper
76 100
78 8.9 6.8 10.2

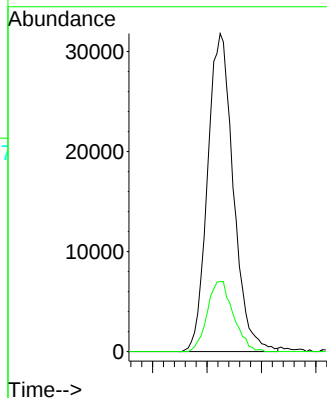
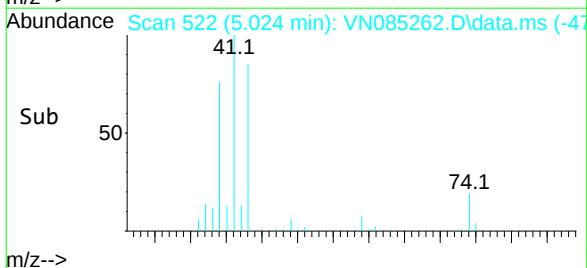
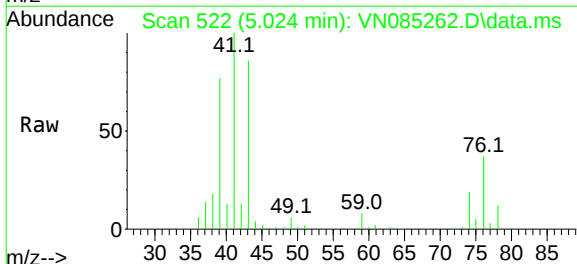
Manual Integrations
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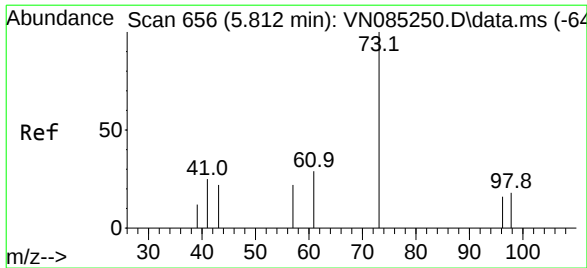
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#18
Methyl Acetate
Concen: 51.276 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN085262.D
Acq: 18 Dec 2024 19:57

Tgt Ion: 43 Resp: 104694
Ion Ratio Lower Upper
43 100
74 22.3 17.5 26.3





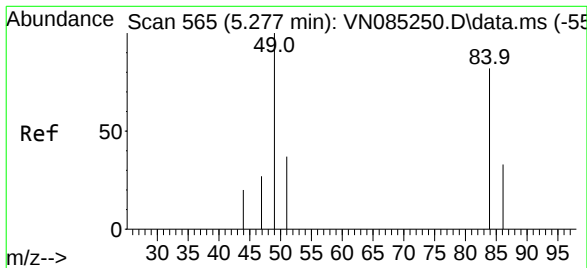
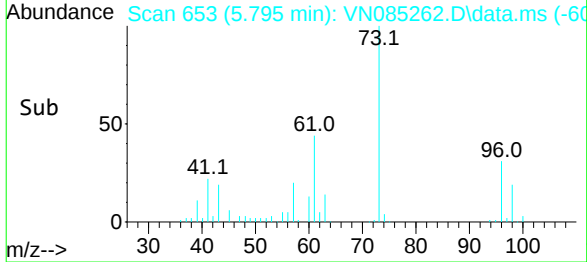
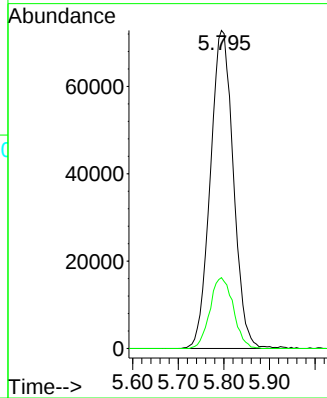
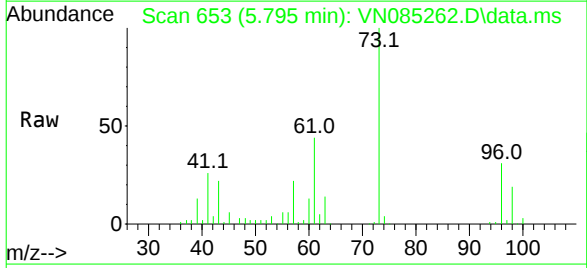
#19
Methyl tert-butyl Ether
Concen: 54.589 ug/l
RT: 5.795 min Scan# 65
Delta R.T. 0.000 min
Lab File: VN085262.D
Acq: 18 Dec 2024 19:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 255291
Ion Ratio Lower Upper
73 100
57 22.3 17.0 25.6

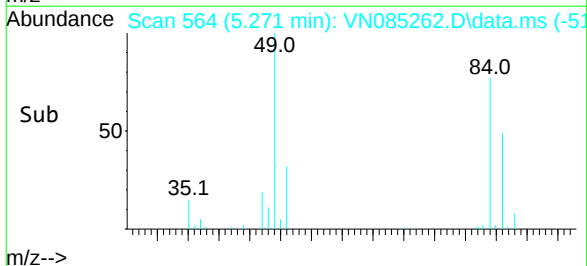
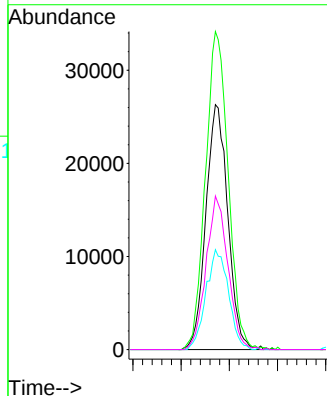
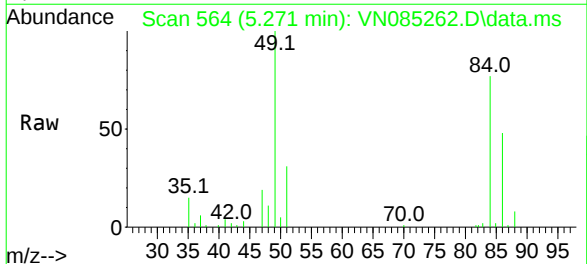
Manual Integrations
APPROVED

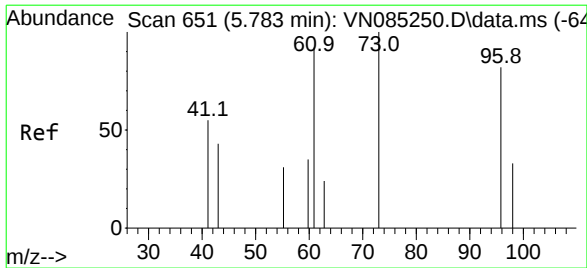
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#20
Methylene Chloride
Concen: 52.808 ug/l
RT: 5.271 min Scan# 564
Delta R.T. -0.006 min
Lab File: VN085262.D
Acq: 18 Dec 2024 19:57

Tgt Ion: 84 Resp: 83312
Ion Ratio Lower Upper
84 100
49 129.9 103.6 155.4
51 40.8 34.2 51.2
86 62.7 48.9 73.3





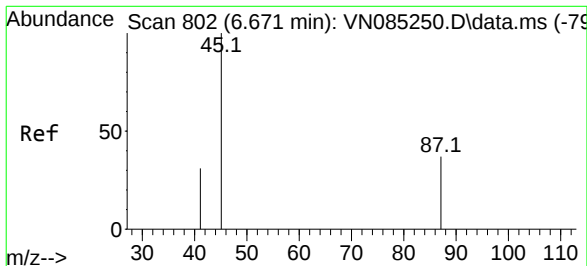
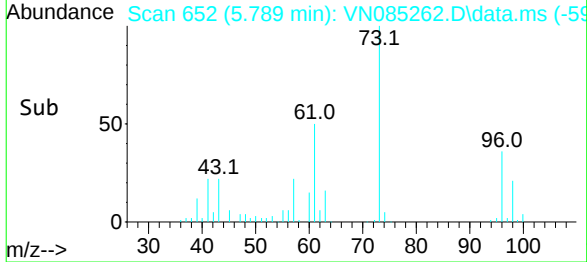
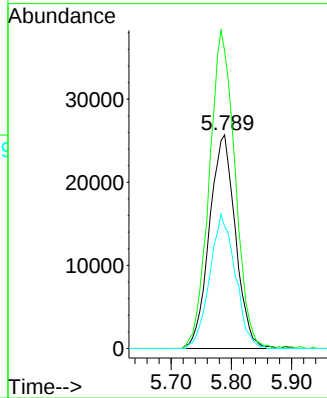
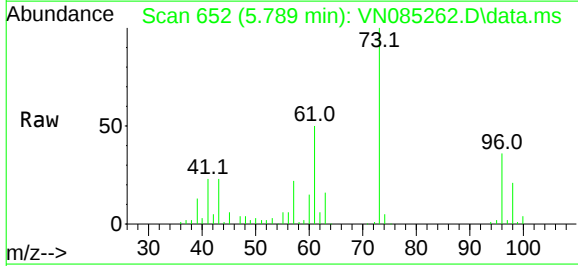
#21
trans-1,2-Dichloroethene
Concen: 51.285 ug/l
RT: 5.789 min Scan# 651
Delta R.T. 0.012 min
Lab File: VN085262.D
Acq: 18 Dec 2024 19:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 96 Resp: 77148
Ion Ratio Lower Upper
96 100
61 139.3 122.0 183.0
98 57.1 54.3 81.5

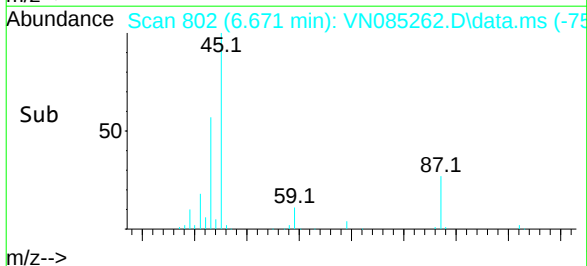
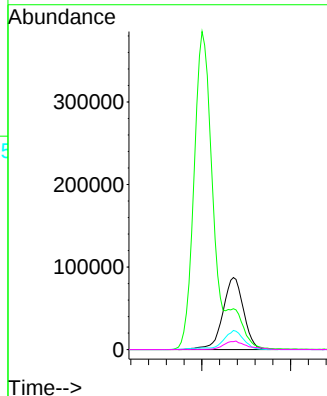
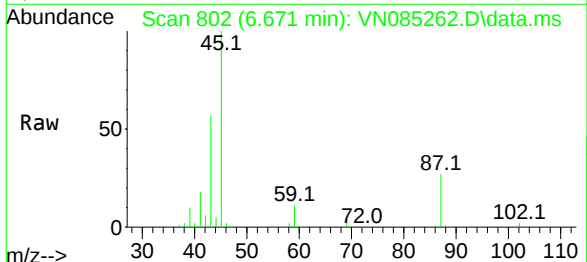
Manual Integrations
APPROVED

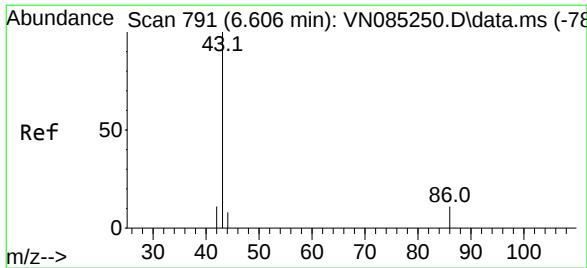
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#22
Diisopropyl ether
Concen: 56.020 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.000 min
Lab File: VN085262.D
Acq: 18 Dec 2024 19:57

Tgt Ion: 45 Resp: 282388
Ion Ratio Lower Upper
45 100
43 55.7 43.8 65.6
87 26.5 21.2 31.8
59 11.0 8.6 13.0





#23

Vinyl Acetate

Concen: 280.589 ug/l

RT: 6.600 min Scan# 791

Delta R.T. 0.000 min

Lab File: VN085262.D

Acq: 18 Dec 2024 19:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 1092924

Ion Ratio Lower Upper

43 100

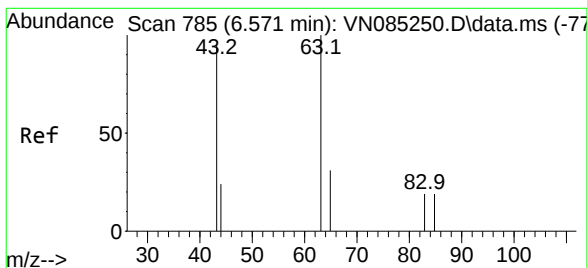
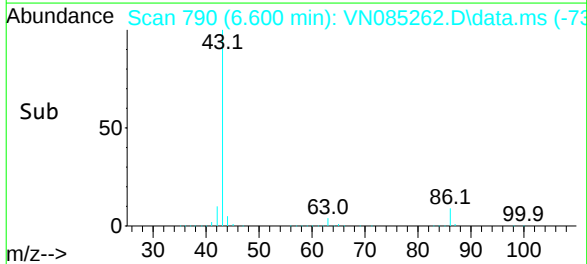
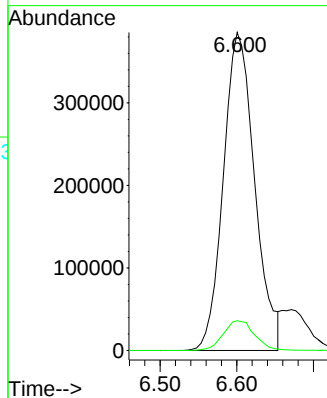
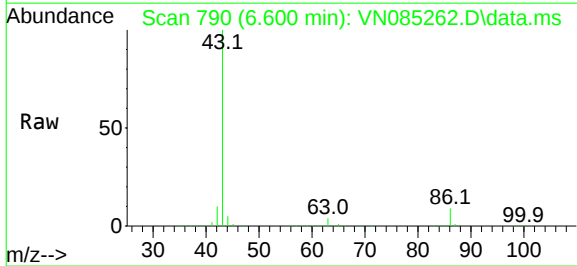
86 9.4 7.8 11.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/20/2024

Supervised By :Mahesh Dadoda 12/20/2024



#24

1,1-Dichloroethane

Concen: 52.331 ug/l

RT: 6.571 min Scan# 785

Delta R.T. 0.006 min

Lab File: VN085262.D

Acq: 18 Dec 2024 19:57

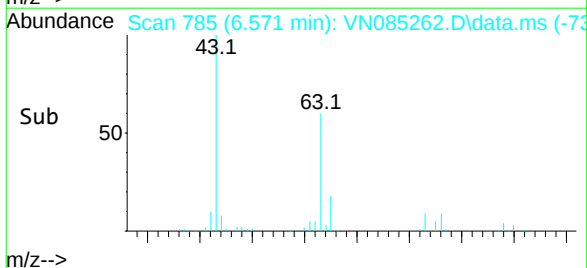
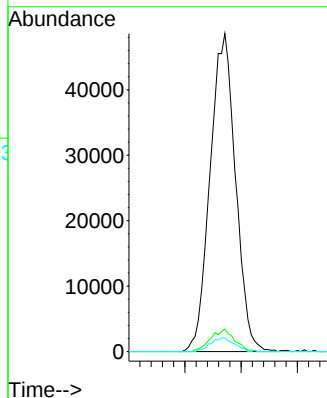
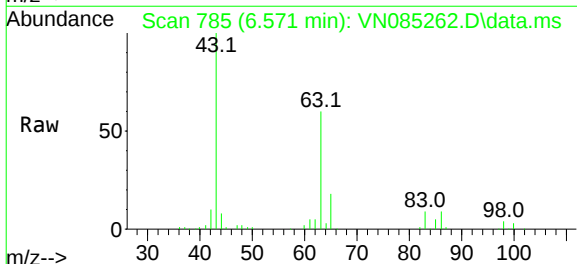
Tgt Ion: 63 Resp: 152805

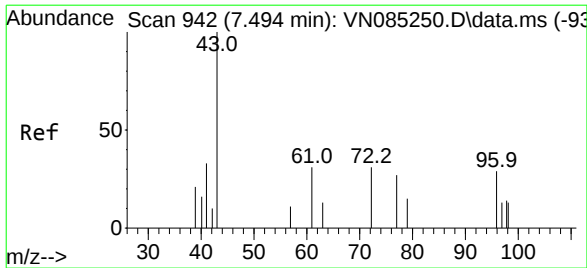
Ion Ratio Lower Upper

63 100

98 7.1 2.9 8.6

100 4.3 2.1 6.5





#25

2-Butanone

Concen: 246.741 ug/l

RT: 7.483 min Scan# 94

Delta R.T. 0.000 min

Lab File: VN085262.D

Acq: 18 Dec 2024 19:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 272519

Ion Ratio Lower Upper

43 100

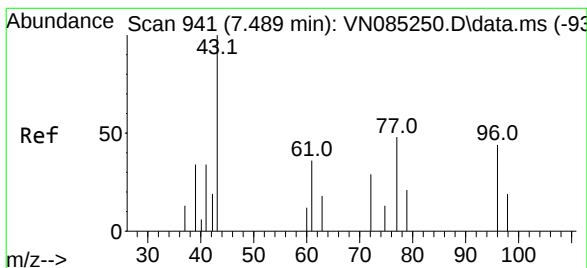
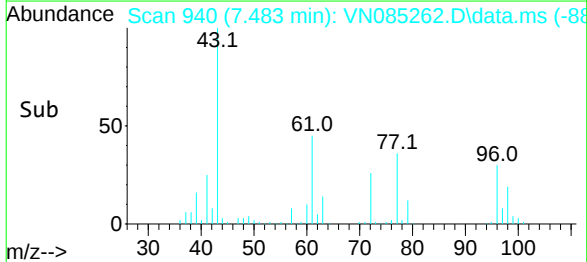
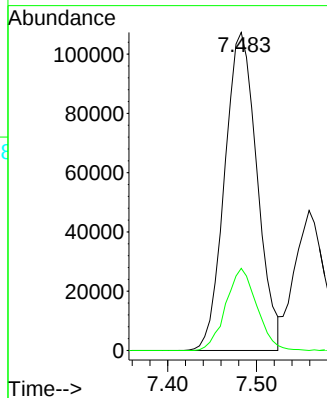
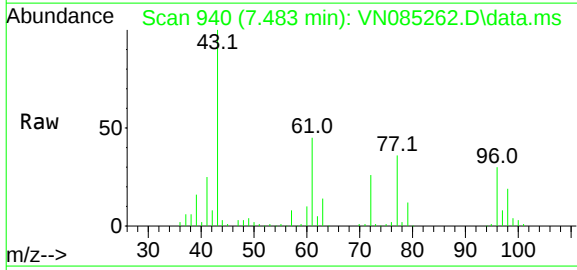
72 25.8 19.6 29.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/20/2024

Supervised By :Mahesh Dadoda 12/20/2024



#26

2,2-Dichloropropane

Concen: 42.124 ug/l

RT: 7.489 min Scan# 941

Delta R.T. 0.000 min

Lab File: VN085262.D

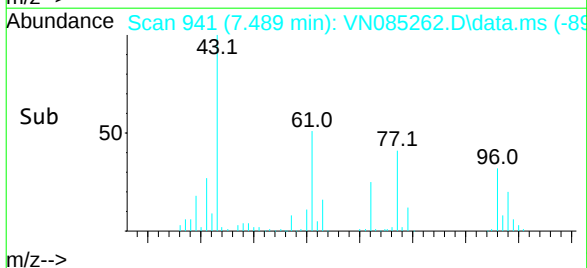
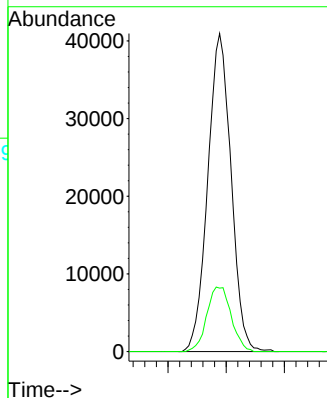
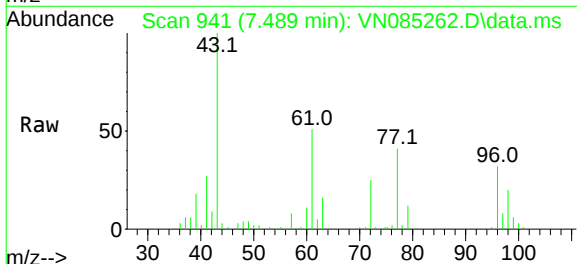
Acq: 18 Dec 2024 19:57

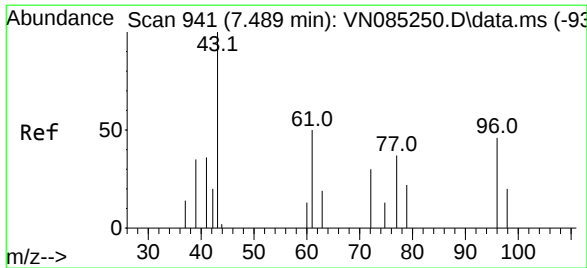
Tgt Ion: 77 Resp: 113898

Ion Ratio Lower Upper

77 100

97 21.3 10.5 31.6





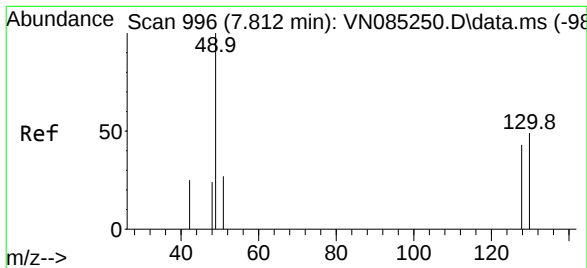
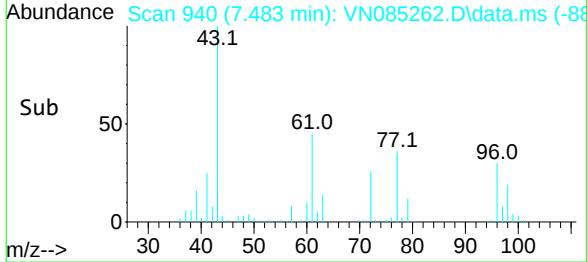
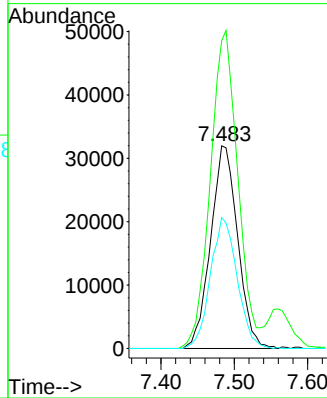
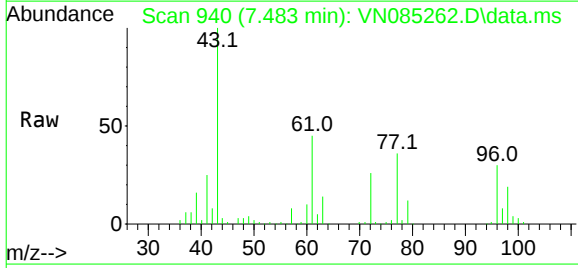
#27
cis-1,2-Dichloroethene
Concen: 46.745 ug/l
RT: 7.483 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN085262.D
Acq: 18 Dec 2024 19:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 96 Resp: 81873
Ion Ratio Lower Upper
96 100
61 159.6 0.0 316.4
98 63.9 0.0 125.4

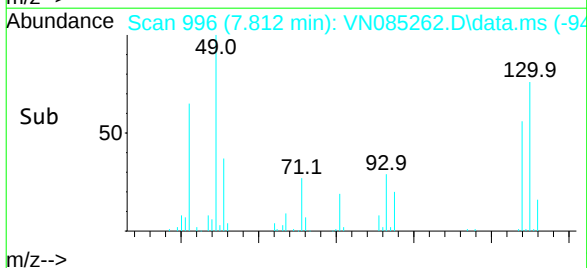
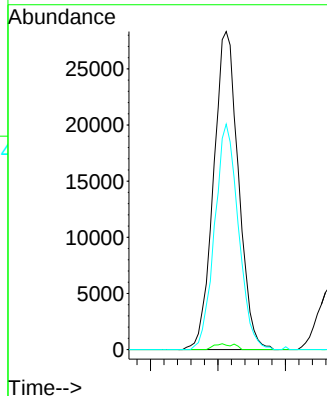
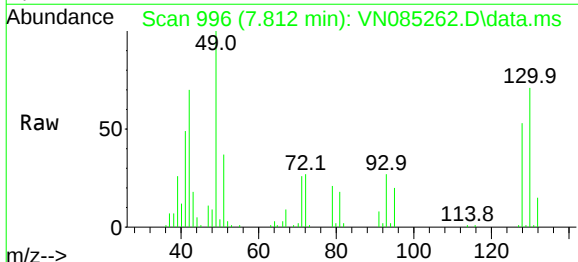
Manual Integrations
APPROVED

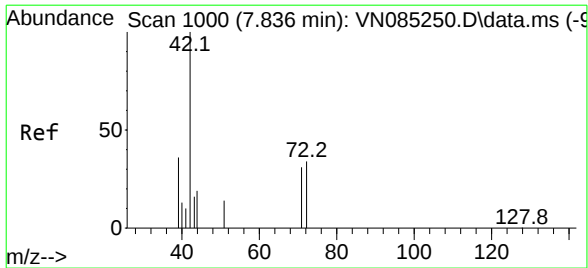
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#28
Bromochloromethane
Concen: 49.282 ug/l
RT: 7.812 min Scan# 996
Delta R.T. 0.000 min
Lab File: VN085262.D
Acq: 18 Dec 2024 19:57

Tgt Ion: 49 Resp: 72573
Ion Ratio Lower Upper
49 100
129 1.5 0.0 3.4
130 67.8 54.1 81.1





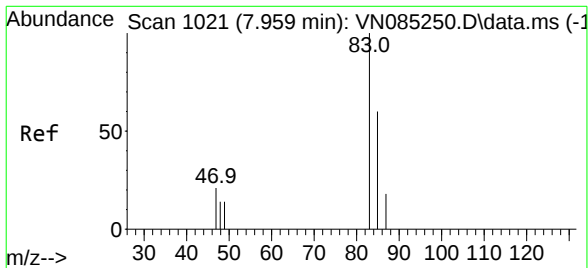
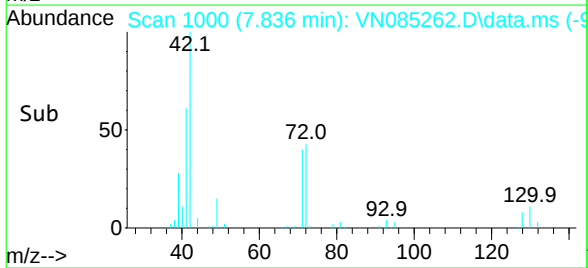
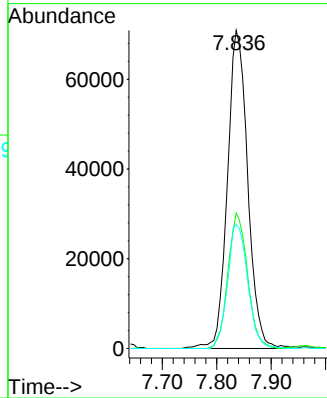
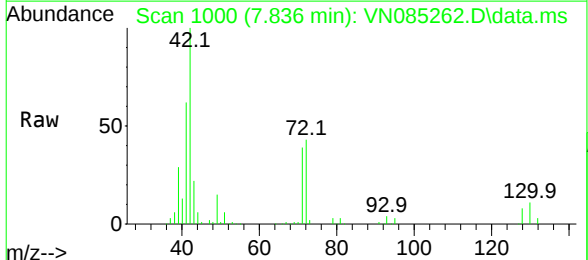
#29
Tetrahydrofuran
Concen: 257.258 ug/l
RT: 7.836 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VN085262.D
Acq: 18 Dec 2024 19:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 42 Resp: 183158
Ion Ratio Lower Upper
42 100
72 41.3 32.7 49.1
71 38.9 31.4 47.2

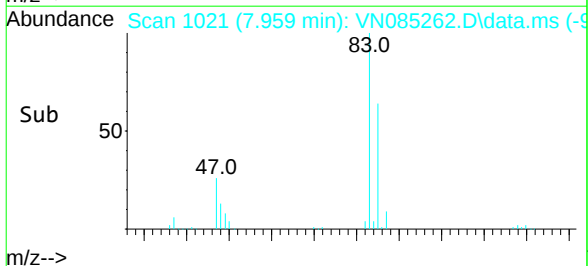
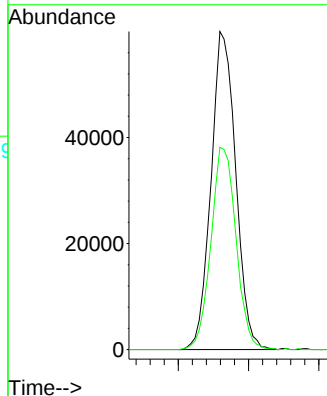
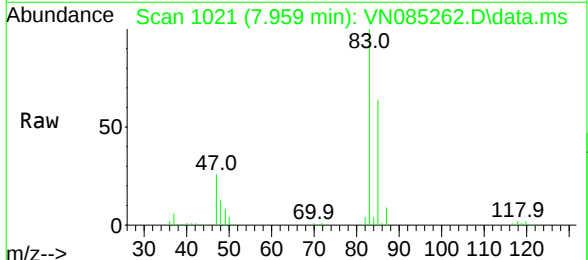
Manual Integrations
APPROVED

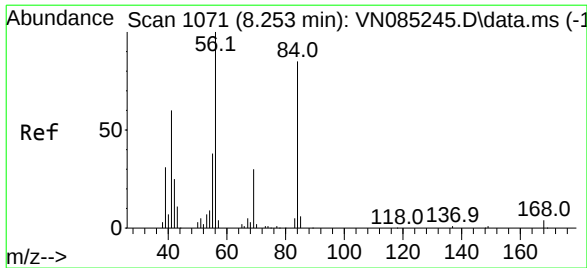
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#30
Chloroform
Concen: 46.999 ug/l
RT: 7.959 min Scan# 1021
Delta R.T. -0.006 min
Lab File: VN085262.D
Acq: 18 Dec 2024 19:57

Tgt Ion: 83 Resp: 146557
Ion Ratio Lower Upper
83 100
85 63.6 51.4 77.0





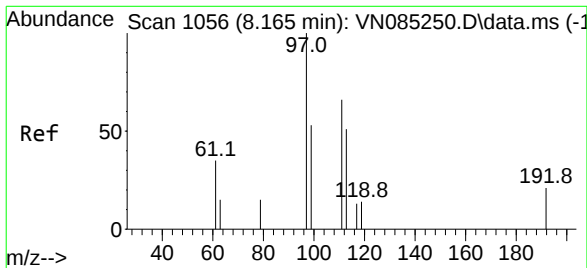
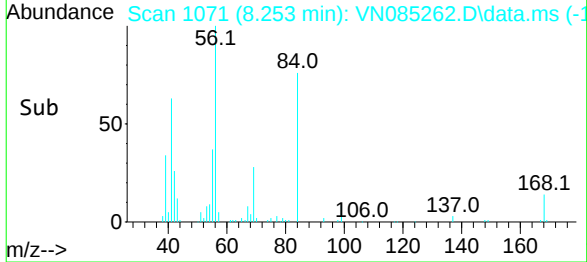
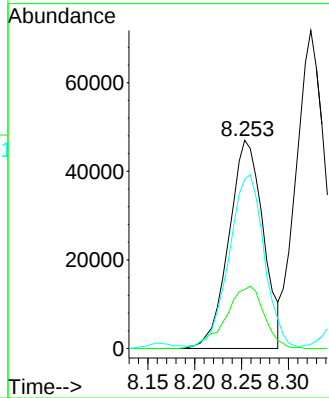
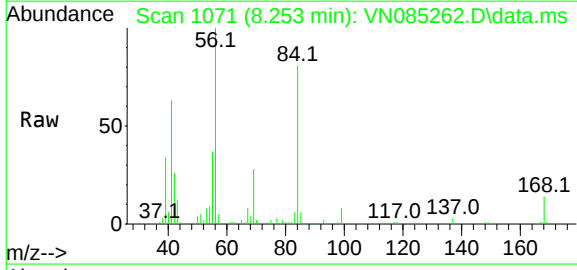
#31
Cyclohexane
Concen: 44.305 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. 0.000 min
Lab File: VN085262.D
Acq: 18 Dec 2024 19:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:	56	Resp:	119764
Ion	Ratio	Lower	Upper
56	100		
69	28.4	23.6	35.4
84	79.8	66.6	99.8

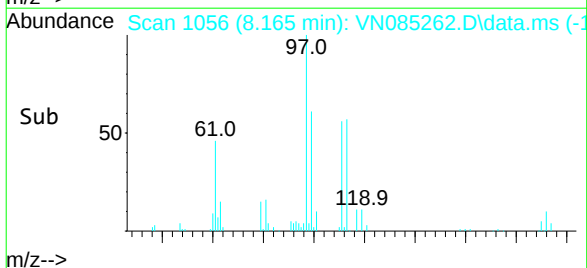
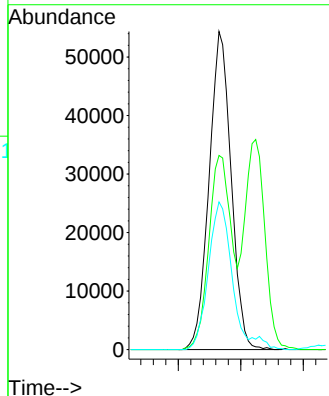
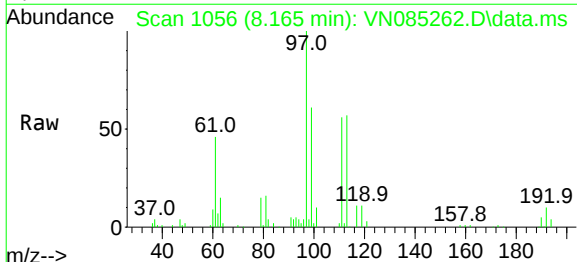
Manual Integrations
APPROVED

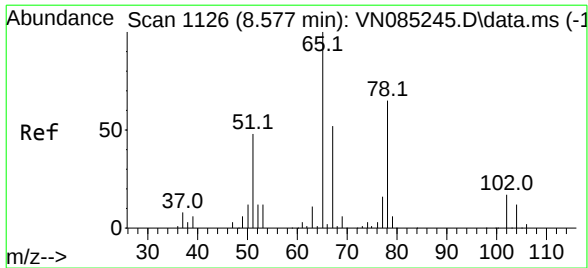
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#32
1,1,1-Trichloroethane
Concen: 47.922 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN085262.D
Acq: 18 Dec 2024 19:57

Tgt Ion:	97	Resp:	133188
Ion	Ratio	Lower	Upper
97	100		
99	62.9	51.4	77.0
61	49.0	40.4	60.6





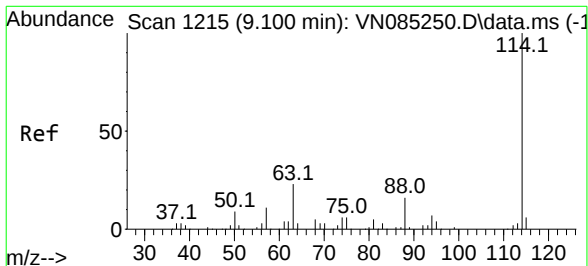
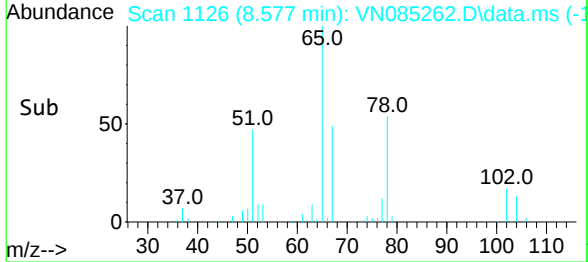
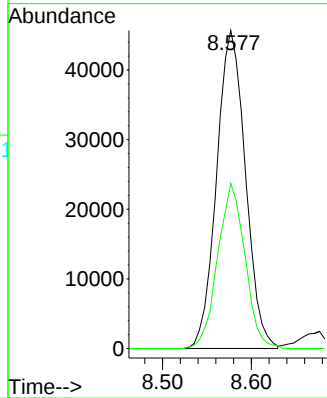
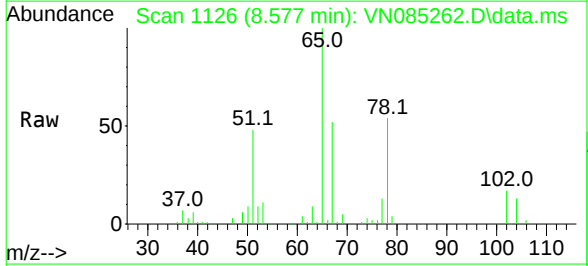
#33
1,2-Dichloroethane-d4
Concen: 49.182 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN085262.D
Acq: 18 Dec 2024 19:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 65 Resp: 102760
Ion Ratio Lower Upper
65 100
67 49.3 0.0 102.2

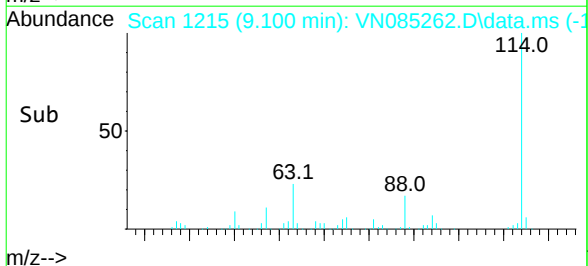
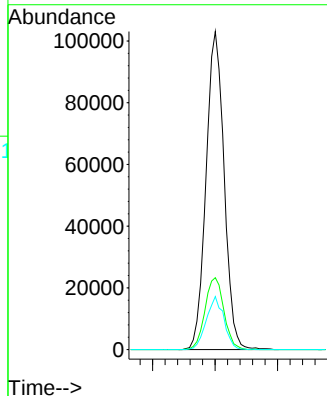
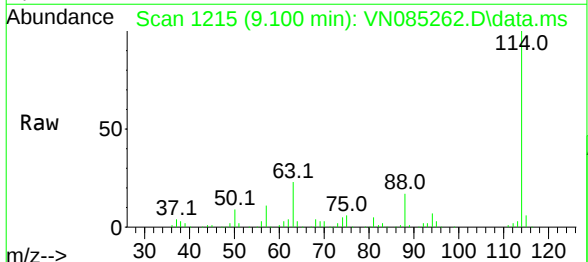
Manual Integrations
APPROVED

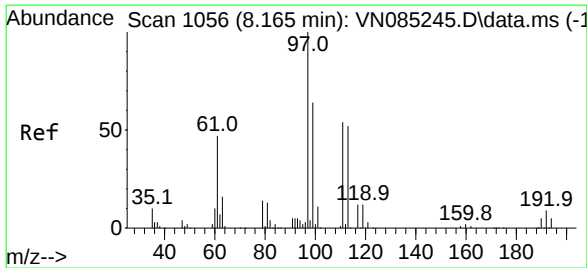
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. 0.000 min
Lab File: VN085262.D
Acq: 18 Dec 2024 19:57

Tgt Ion:114 Resp: 207181
Ion Ratio Lower Upper
114 100
63 22.6 0.0 46.2
88 16.7 0.0 32.6





#35

Dibromofluoromethane

Concen: 49.921 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN085262.D

Acq: 18 Dec 2024 19:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:113 Resp: 72714

Ion Ratio Lower Upper

113 100

111 101.7 82.1 123.1

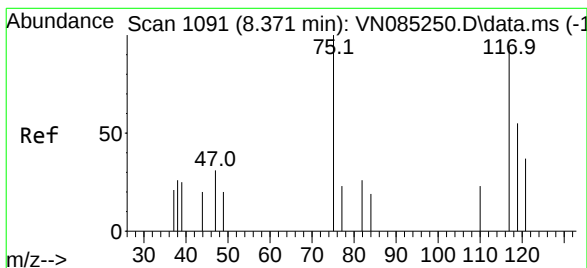
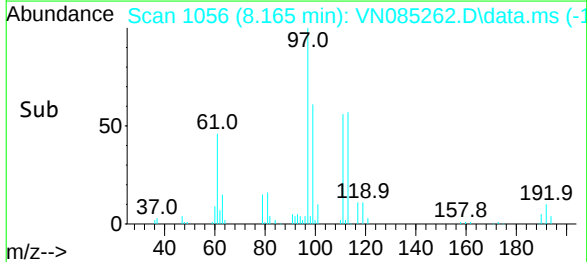
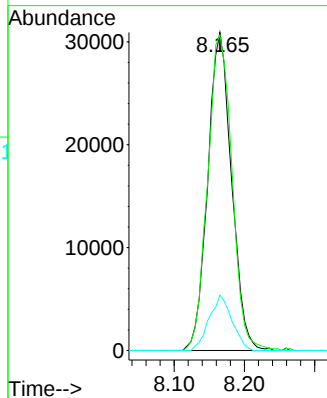
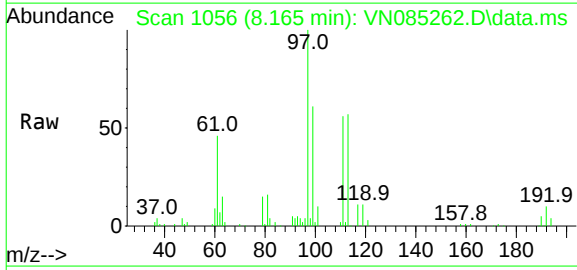
192 16.7 13.4 20.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/20/2024

Supervised By :Mahesh Dadoda 12/20/2024



#36

1,1-Dichloropropene

Concen: 49.366 ug/l

RT: 8.371 min Scan# 1091

Delta R.T. 0.006 min

Lab File: VN085262.D

Acq: 18 Dec 2024 19:57

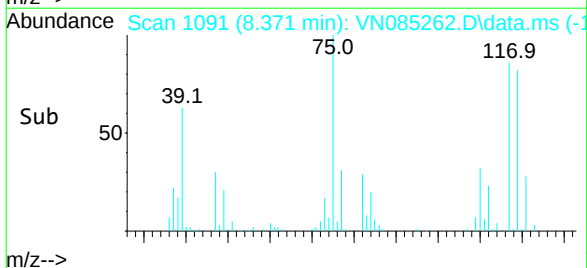
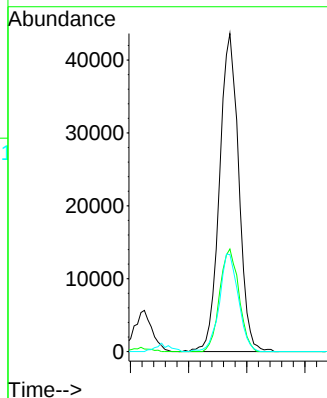
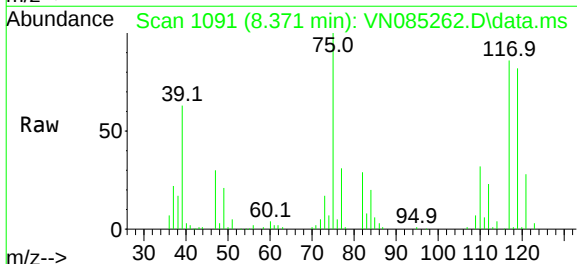
Tgt Ion: 75 Resp: 100125

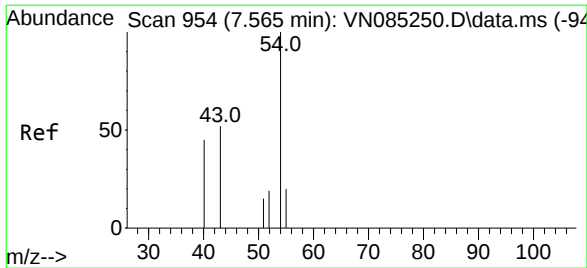
Ion Ratio Lower Upper

75 100

110 32.3 16.0 48.0

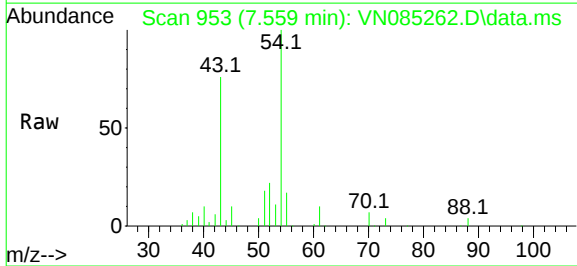
77 30.5 24.6 36.8





#37
Ethyl Acetate
Concen: 49.019 ug/l
RT: 7.559 min Scan# 954
Delta R.T. 0.000 min
Lab File: VN085262.D
Acq: 18 Dec 2024 19:57

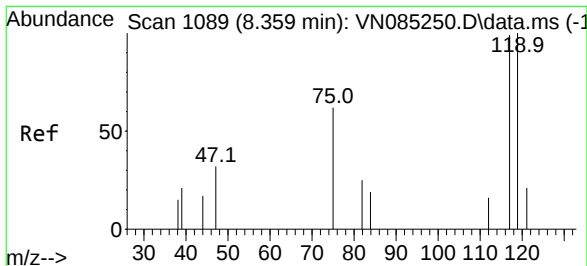
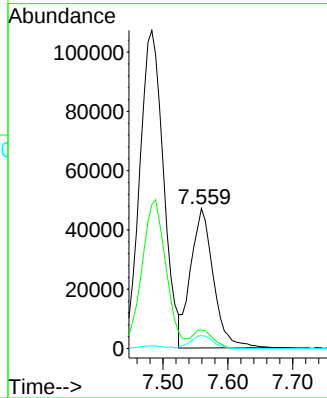
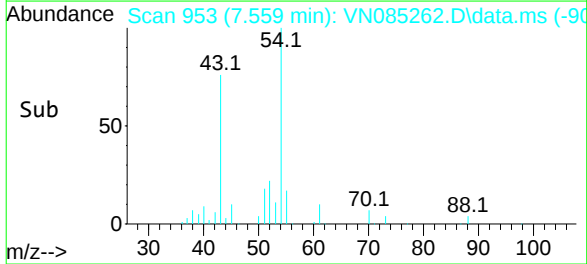
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 114701
Ion Ratio Lower Upper
43 100
61 12.6 9.8 14.6
70 9.2 7.8 11.8

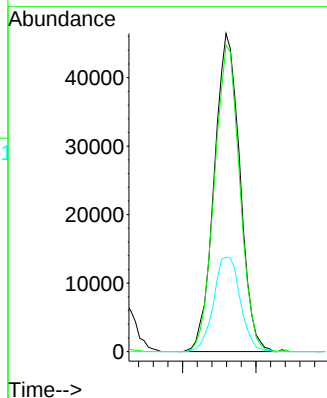
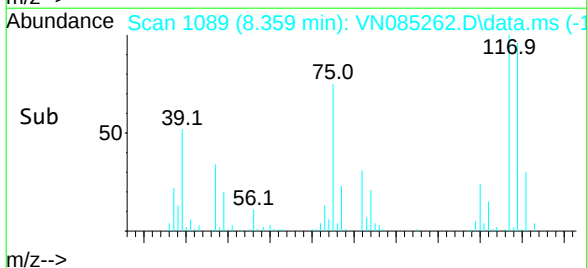
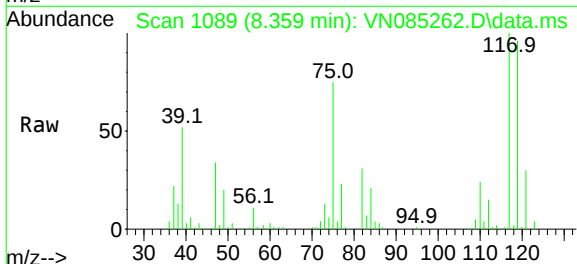
Manual Integrations
APPROVED

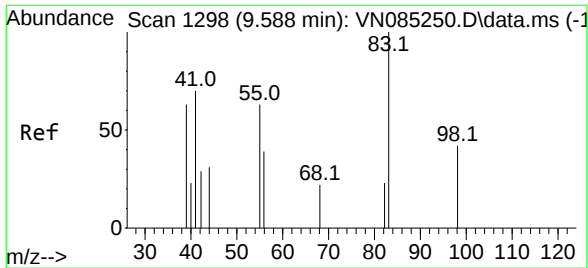
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#38
Carbon Tetrachloride
Concen: 46.028 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VN085262.D
Acq: 18 Dec 2024 19:57

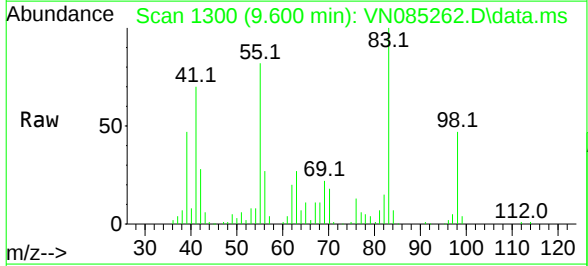
Tgt Ion:117 Resp: 112872
Ion Ratio Lower Upper
117 100
119 96.3 74.8 112.2
121 29.7 24.2 36.4





#39
Methylcyclohexane
Concen: 47.645 ug/l
RT: 9.600 min Scan# 1310
Delta R.T. 0.000 min
Lab File: VN085262.D
Acq: 18 Dec 2024 19:57

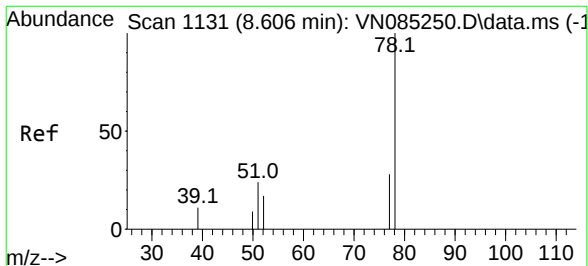
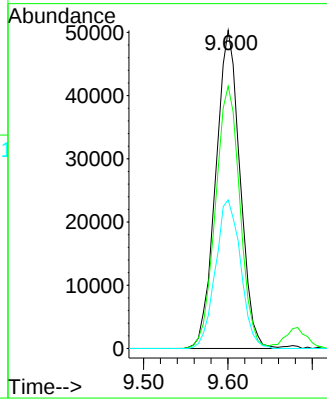
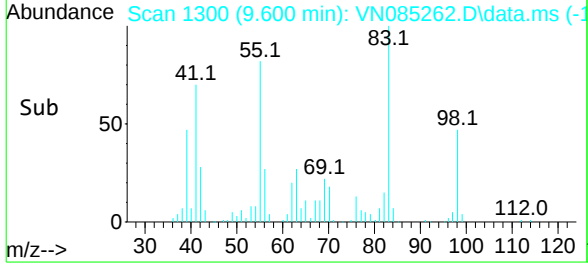
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 100559
Ion Ratio Lower Upper
83 100
55 82.5 66.8 100.2
98 46.7 39.4 59.2

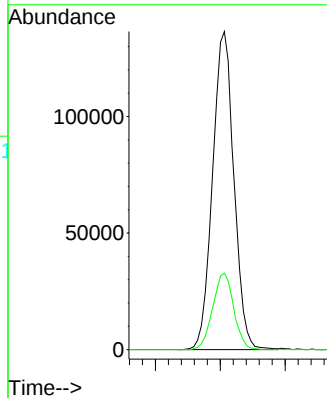
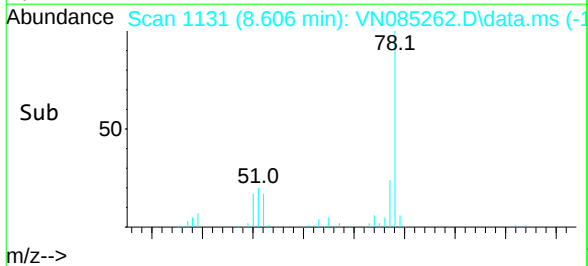
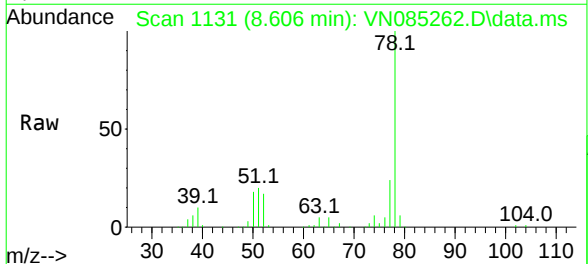
Manual Integrations
APPROVED

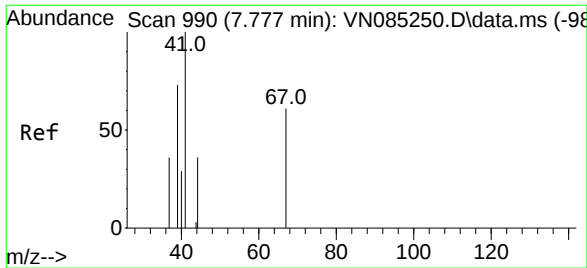
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#40
Benzene
Concen: 49.348 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. 0.006 min
Lab File: VN085262.D
Acq: 18 Dec 2024 19:57

Tgt Ion: 78 Resp: 311371
Ion Ratio Lower Upper
78 100
77 24.1 18.9 28.3





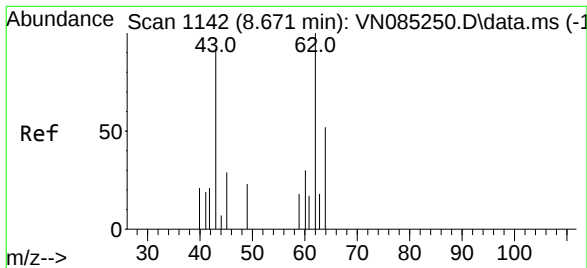
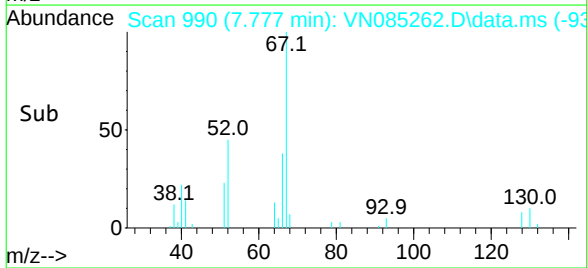
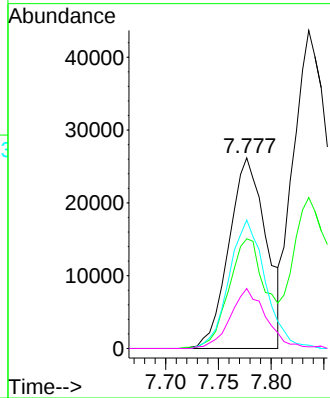
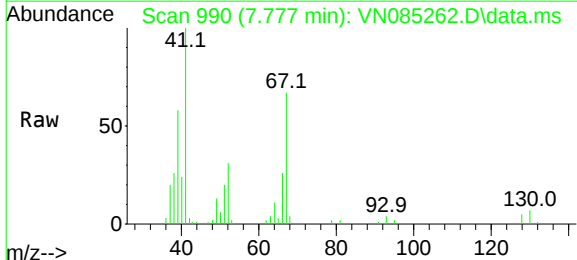
#41
Methacrylonitrile
Concen: 54.032 ug/l
RT: 7.777 min Scan# 990
Delta R.T. 0.000 min
Lab File: VN085262.D
Acq: 18 Dec 2024 19:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 41 Resp: 64432
Ion Ratio Lower Upper
41 100
39 57.2 44.0 66.0
67 65.6 56.0 84.0
52 30.3 25.8 38.6

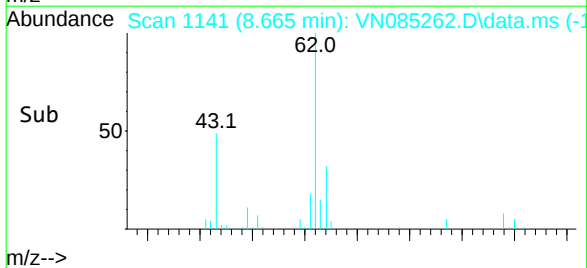
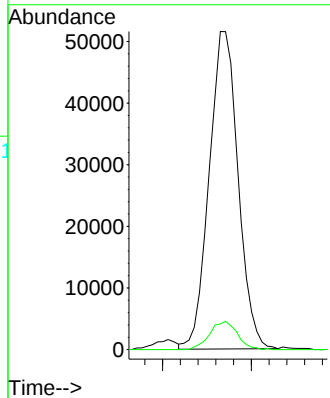
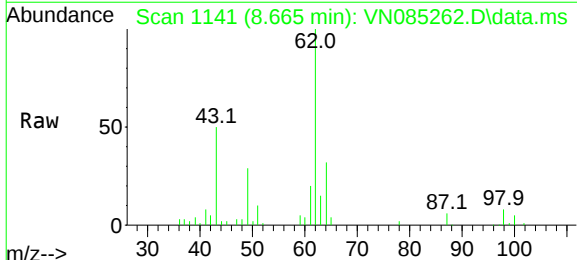
Manual Integrations
APPROVED

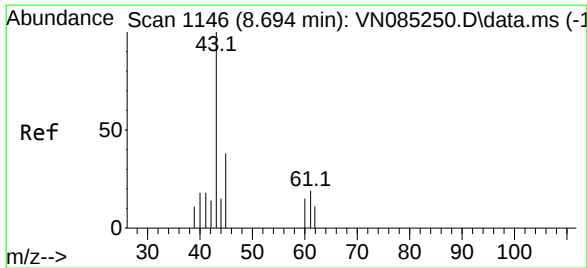
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#42
1,2-Dichloroethane
Concen: 48.599 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. 0.000 min
Lab File: VN085262.D
Acq: 18 Dec 2024 19:57

Tgt Ion: 62 Resp: 116804
Ion Ratio Lower Upper
62 100
98 8.5 0.0 16.4





#43

Isopropyl Acetate

Concen: 45.368 ug/l

RT: 8.689 min Scan# 1146

Delta R.T. 0.006 min

Lab File: VN085262.D

Acq: 18 Dec 2024 19:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

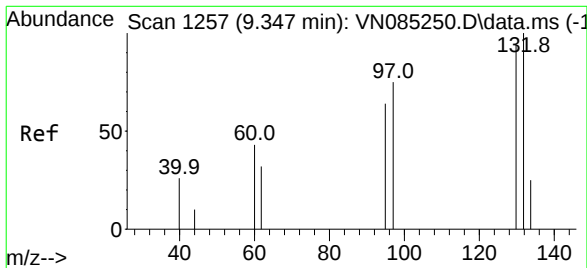
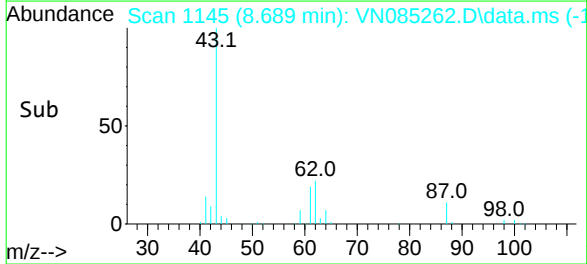
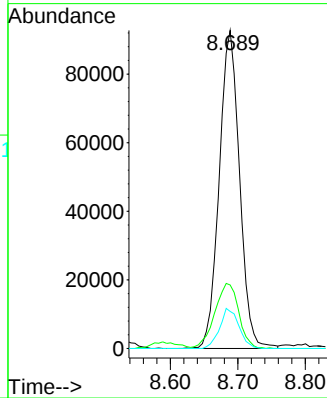
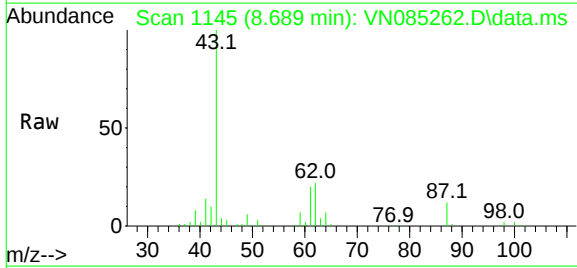
Tgt Ion:	43	Resp:	194134
Ion	Ratio	Lower	Upper
43	100		
61	24.2	19.0	28.4
87	11.9	9.3	13.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/20/2024

Supervised By :Mahesh Dadoda 12/20/2024



#44

Trichloroethene

Concen: 47.070 ug/l

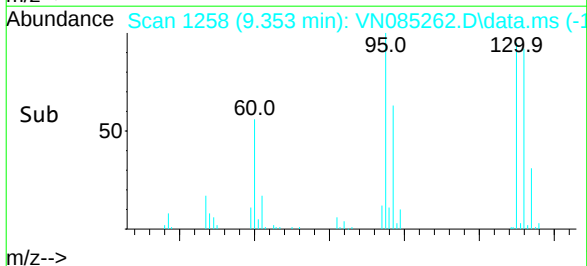
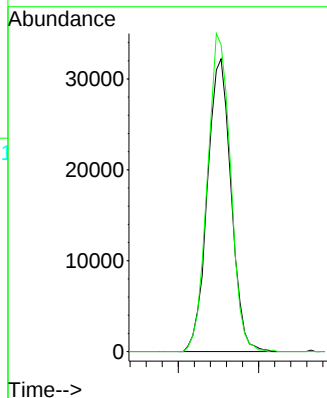
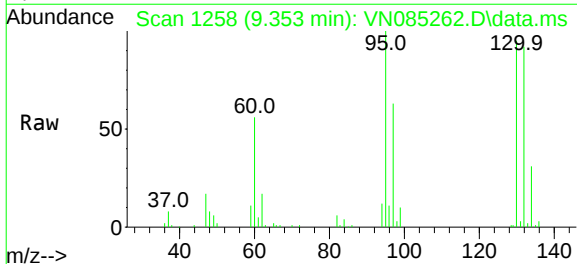
RT: 9.353 min Scan# 1258

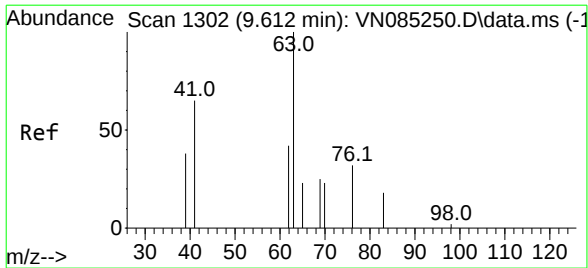
Delta R.T. 0.006 min

Lab File: VN085262.D

Acq: 18 Dec 2024 19:57

Tgt Ion:	130	Resp:	66123
Ion	Ratio	Lower	Upper
130	100		
95	104.8	0.0	207.6





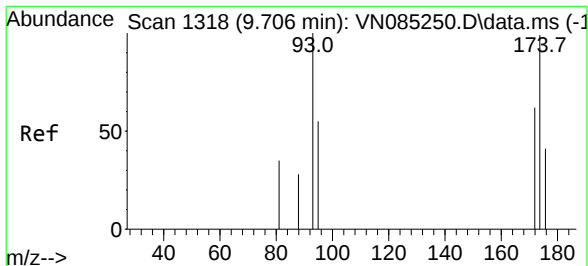
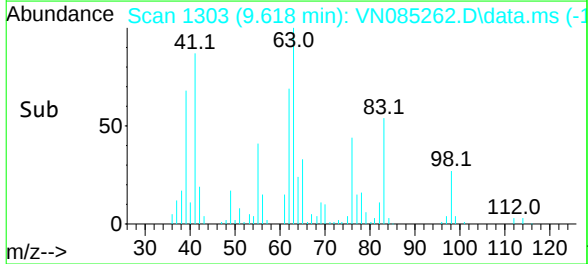
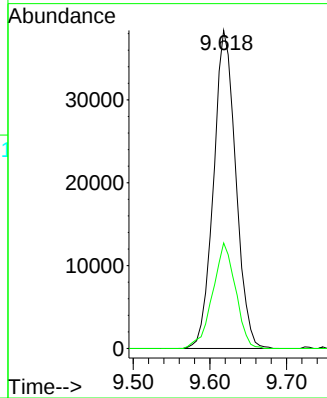
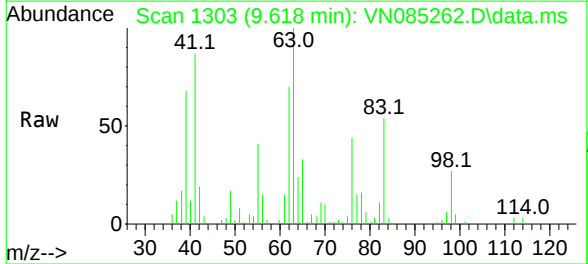
#45
1,2-Dichloropropane
Concen: 49.463 ug/l
RT: 9.618 min Scan# 1302
Delta R.T. 0.000 min
Lab File: VN085262.D
Acq: 18 Dec 2024 19:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 63 Resp: 77275
Ion Ratio Lower Upper
63 100
65 33.2 24.0 36.0

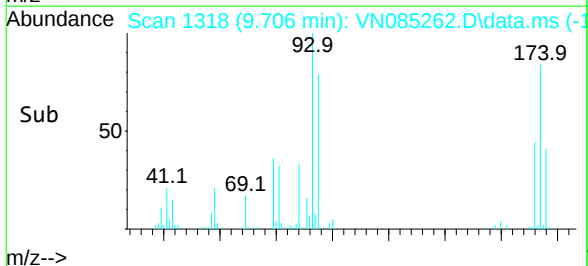
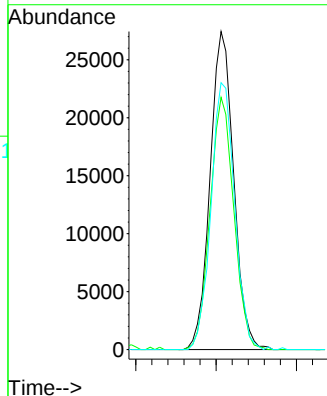
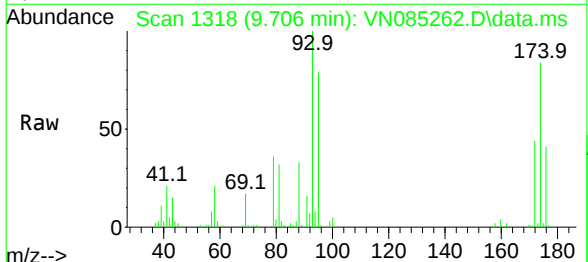
Manual Integrations
APPROVED

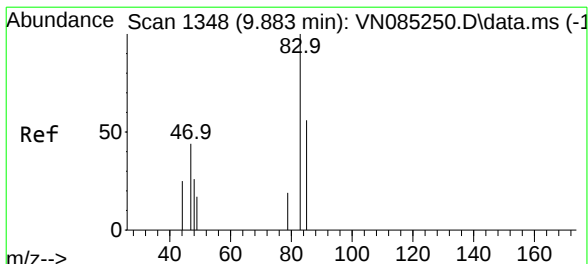
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#46
Dibromomethane
Concen: 50.187 ug/l
RT: 9.706 min Scan# 1318
Delta R.T. 0.000 min
Lab File: VN085262.D
Acq: 18 Dec 2024 19:57

Tgt Ion: 93 Resp: 55972
Ion Ratio Lower Upper
93 100
95 79.9 67.0 100.6
174 84.3 69.3 103.9





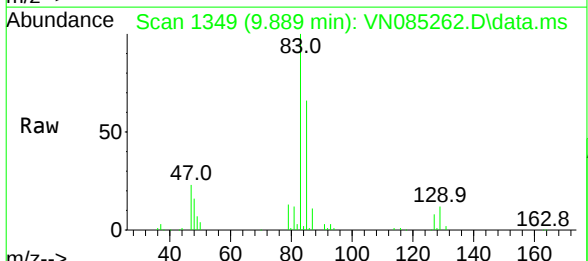
#47
 Bromodichloromethane
 Concen: 48.467 ug/l
 RT: 9.889 min Scan# 1348
 Delta R.T. 0.000 min
 Lab File: VN085262.D
 Acq: 18 Dec 2024 19:57

Instrument :

MSVOA_N

ClientSampleId :

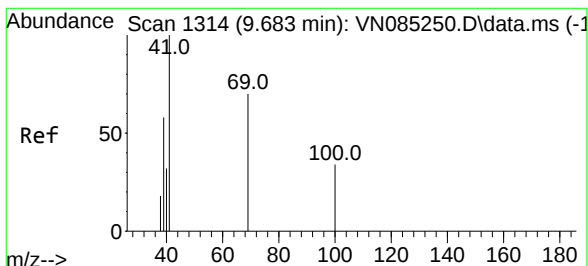
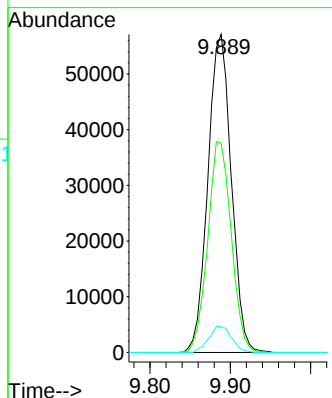
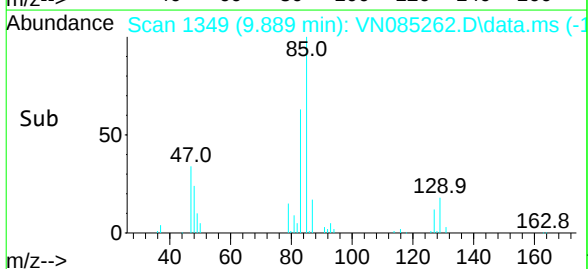
VSTDCCC050EC



Tgt Ion:	83	Resp:	115809
Ion	Ratio	Lower	Upper
83	100		
85	65.8	51.0	76.4
127	8.1	6.3	9.5

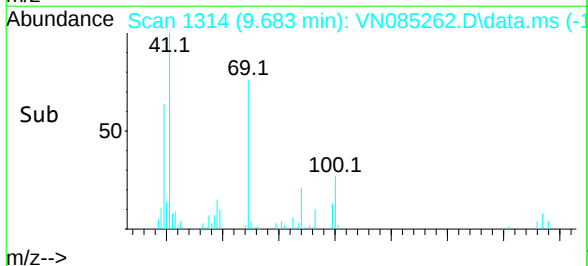
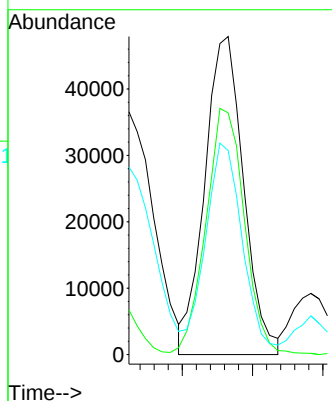
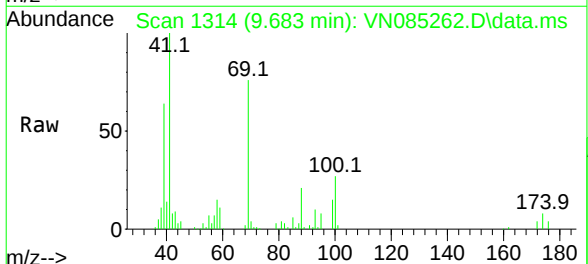
Manual Integrations
 APPROVED

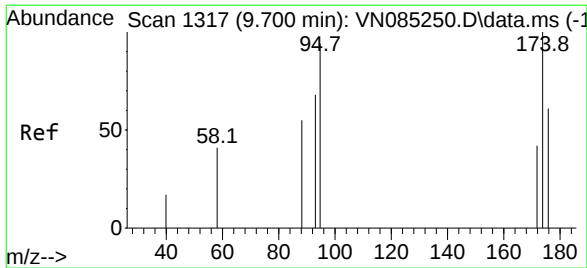
Reviewed By :John Carlone 12/20/2024
 Supervised By :Mahesh Dadoda 12/20/2024



#48
 Methyl methacrylate
 Concen: 52.477 ug/l
 RT: 9.683 min Scan# 1314
 Delta R.T. 0.006 min
 Lab File: VN085262.D
 Acq: 18 Dec 2024 19:57

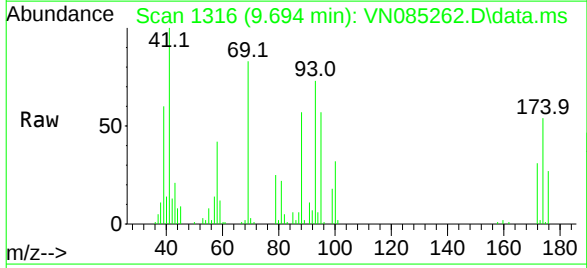
Tgt Ion:	41	Resp:	92050
Ion	Ratio	Lower	Upper
41	100		
69	76.9	61.0	91.4
39	63.8	49.8	74.8





#49
1,4-Dioxane
Concen: 1052.776 ug/l
RT: 9.694 min Scan# 1317
Delta R.T. 0.006 min
Lab File: VN085262.D
Acq: 18 Dec 2024 19:57

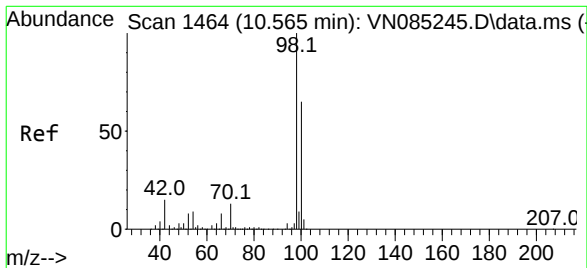
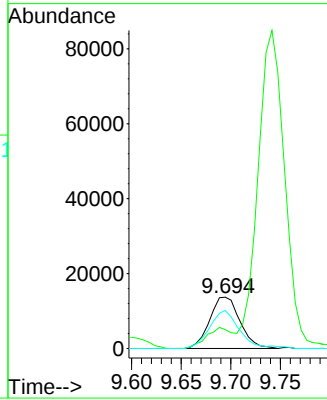
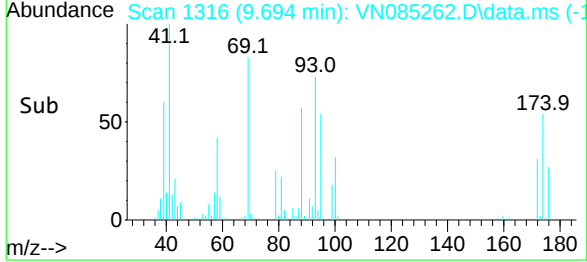
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 88 Resp: 29116
Ion Ratio Lower Upper
88 100
43 37.3 25.6 38.4
58 73.8 56.5 84.7

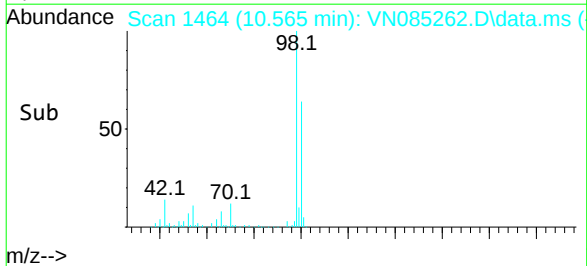
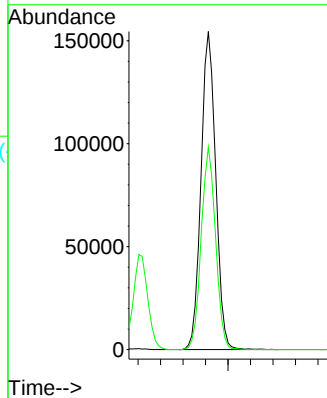
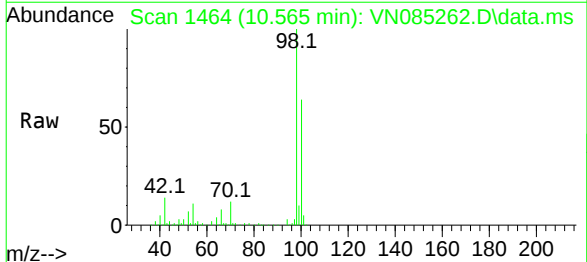
Manual Integrations
APPROVED

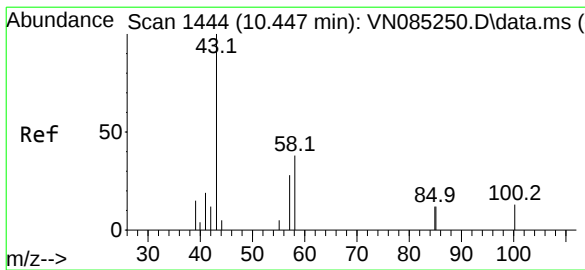
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#50
Toluene-d8
Concen: 52.674 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN085262.D
Acq: 18 Dec 2024 19:57

Tgt Ion: 98 Resp: 280426
Ion Ratio Lower Upper
98 100
100 62.3 51.6 77.4





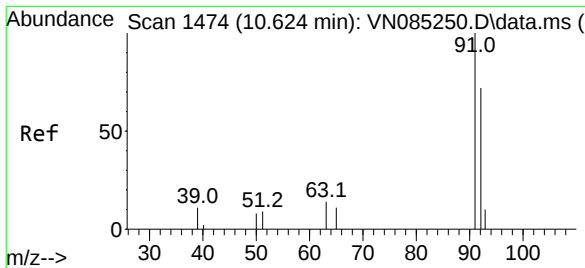
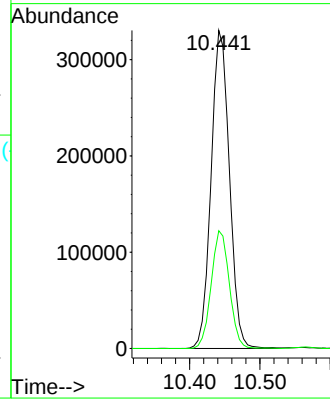
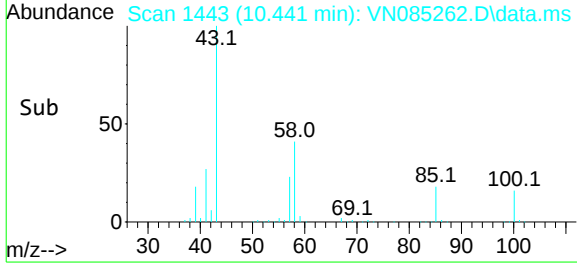
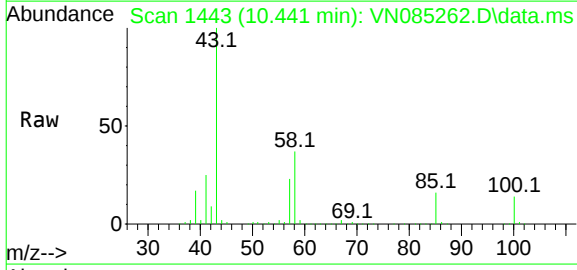
#51
4-Methyl-2-Pentanone
Concen: 265.732 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN085262.D
Acq: 18 Dec 2024 19:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 597460
Ion Ratio Lower Upper
43 100
58 36.7 29.4 44.2

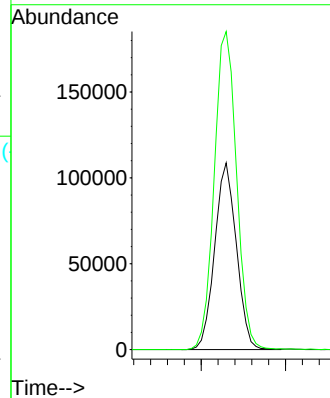
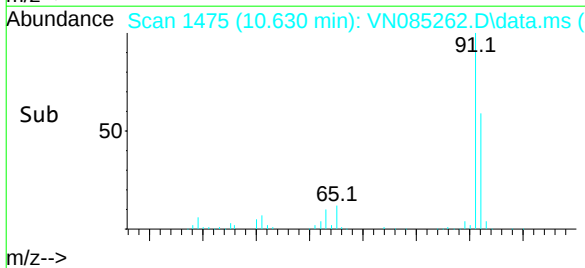
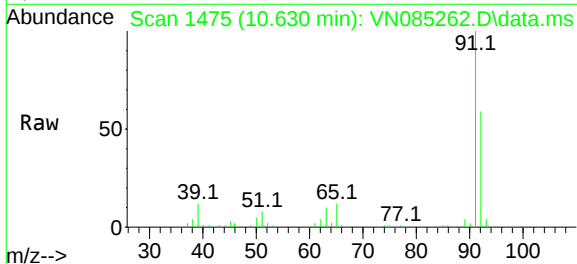
Manual Integrations
APPROVED

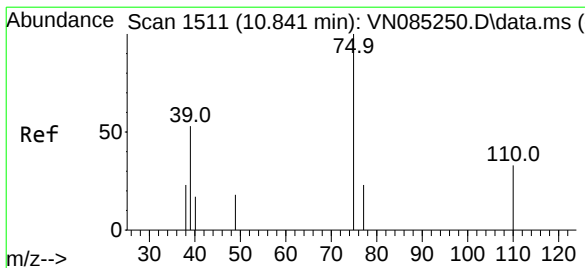
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#52
Toluene
Concen: 51.184 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN085262.D
Acq: 18 Dec 2024 19:57

Tgt Ion: 92 Resp: 194192
Ion Ratio Lower Upper
92 100
91 175.6 138.9 208.3





#53

t-1,3-Dichloropropene

Concen: 51.334 ug/l

RT: 10.836 min Scan# 1511

Delta R.T. 0.000 min

Lab File: VN085262.D

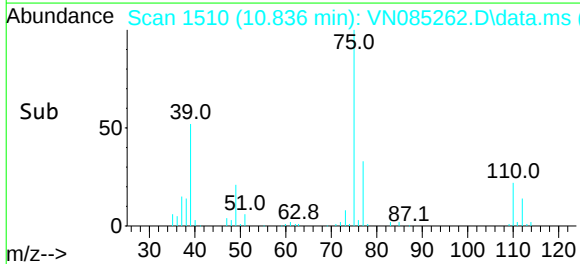
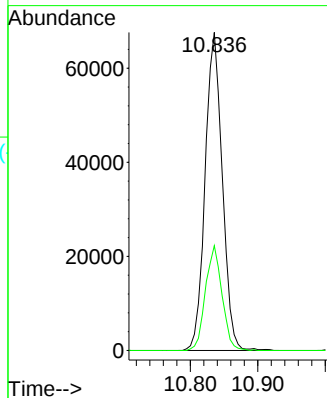
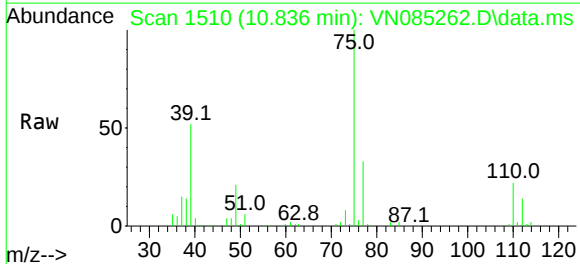
Acq: 18 Dec 2024 19:57

Tgt Ion: 75 Resp: 119562

Ion Ratio Lower Upper

75 100

77 32.9 25.4 38.0



Instrument :

MSVOA_N

ClientSampleId :

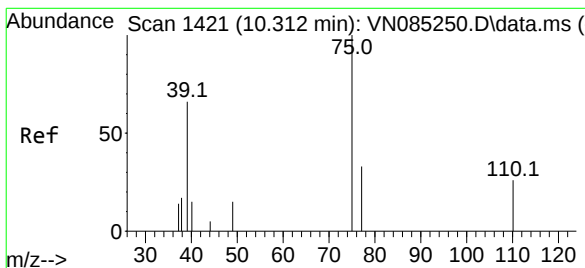
VSTDCCC050EC

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/20/2024

Supervised By :Mahesh Dadoda 12/20/2024



#54

cis-1,3-Dichloropropene

Concen: 49.875 ug/l

RT: 10.312 min Scan# 1421

Delta R.T. 0.000 min

Lab File: VN085262.D

Acq: 18 Dec 2024 19:57

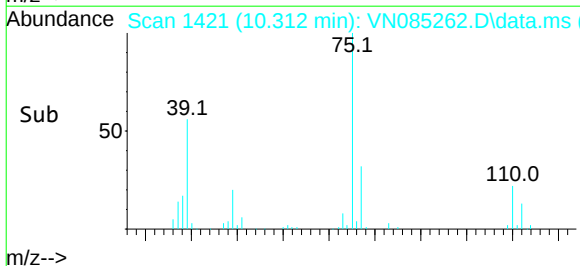
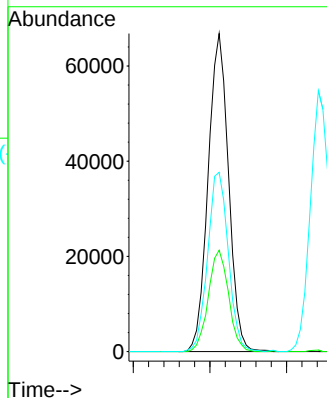
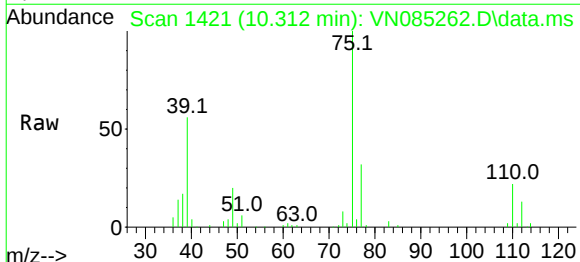
Tgt Ion: 75 Resp: 123504

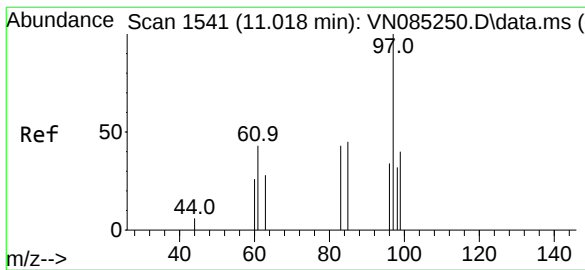
Ion Ratio Lower Upper

75 100

77 31.9 26.6 39.8

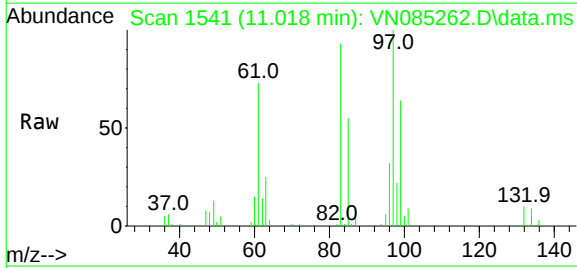
39 56.4 45.3 67.9





#55
1,1,2-Trichloroethane
Concen: 51.601 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. 0.006 min
Lab File: VN085262.D
Acq: 18 Dec 2024 19:57

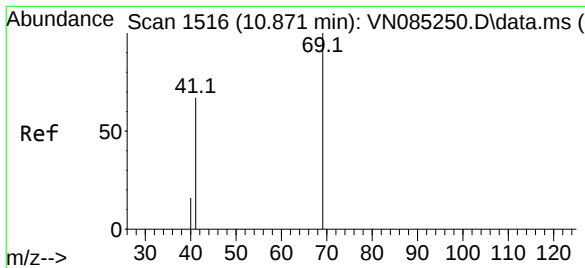
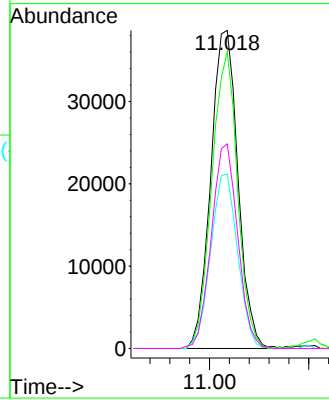
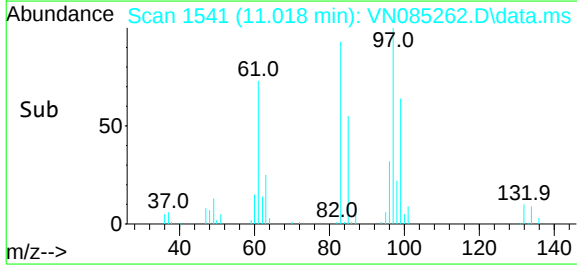
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion	Ratio	Lower	Upper
97	100		
83	93.3	69.6	104.4
85	54.9	45.7	68.5
99	64.3	50.4	75.6

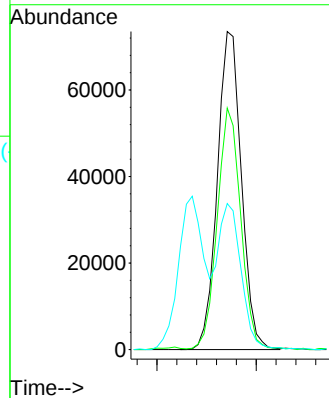
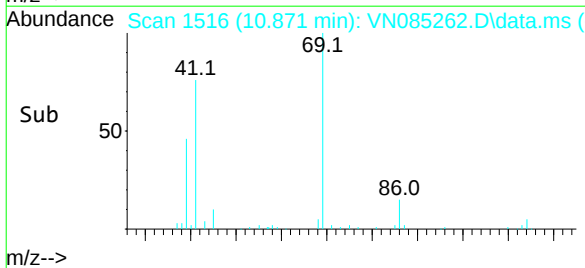
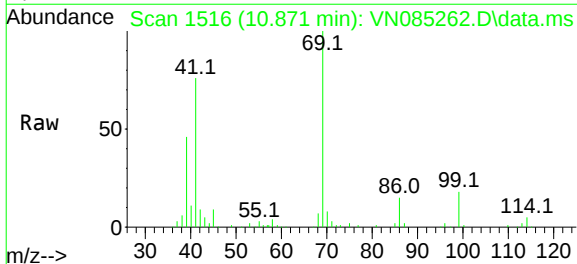
Manual Integrations
APPROVED

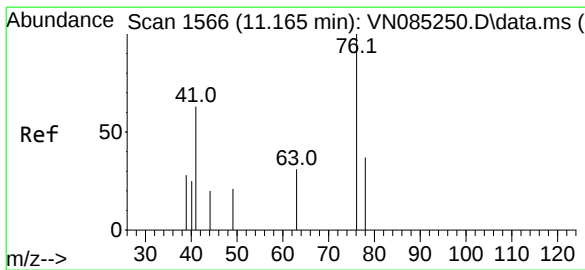
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#56
Ethyl methacrylate
Concen: 45.960 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VN085262.D
Acq: 18 Dec 2024 19:57

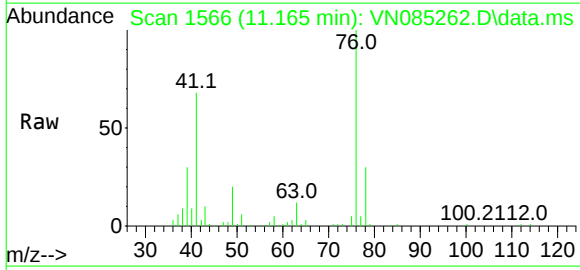
Tgt Ion	Ratio	Lower	Upper
69	100		
41	74.6	57.5	86.3
39	45.4	33.4	50.2





#57
1,3-Dichloropropane
Concen: 50.310 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. 0.006 min
Lab File: VN085262.D
Acq: 18 Dec 2024 19:57

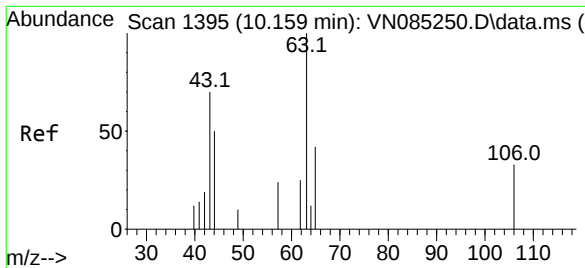
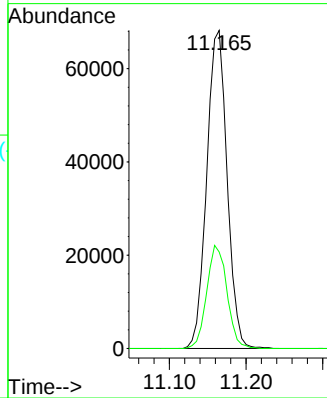
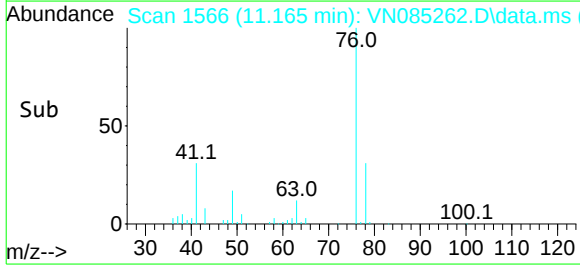
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



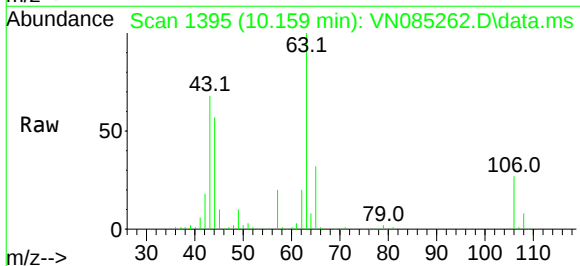
Tgt Ion: 76 Resp: 125791
Ion Ratio Lower Upper
76 100
78 32.2 25.4 38.2

Manual Integrations
APPROVED

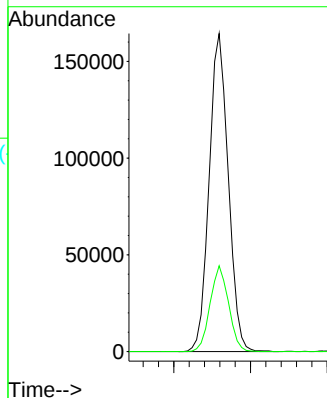
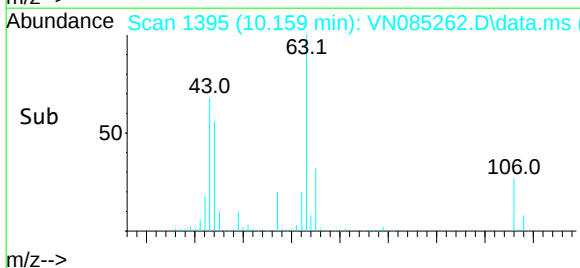
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024

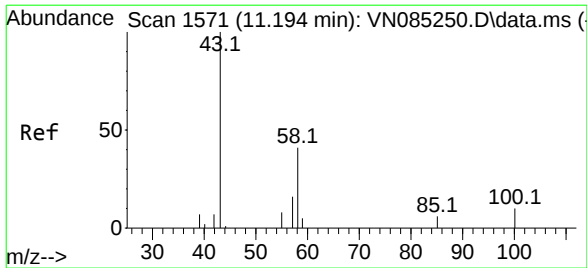


#58
2-Chloroethyl Vinyl ether
Concen: 223.792 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. 0.000 min
Lab File: VN085262.D
Acq: 18 Dec 2024 19:57



Tgt Ion: 63 Resp: 284446
Ion Ratio Lower Upper
63 100
106 26.0 21.2 31.8





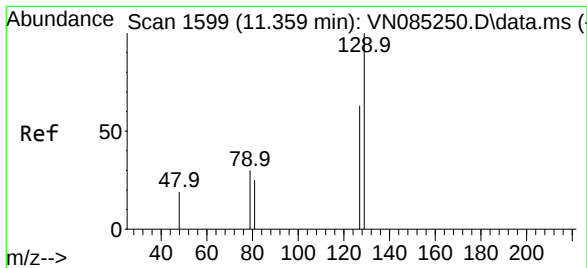
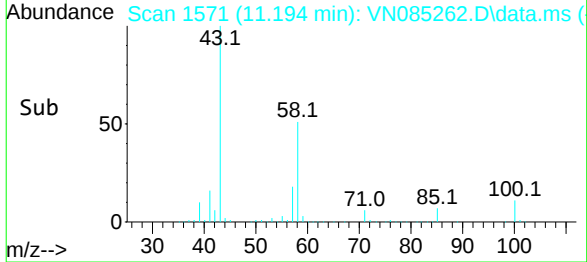
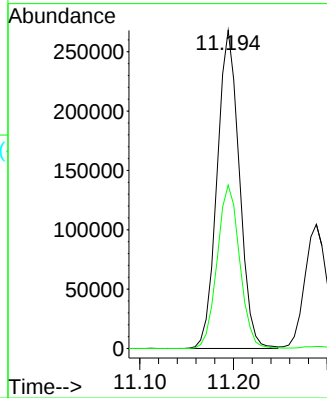
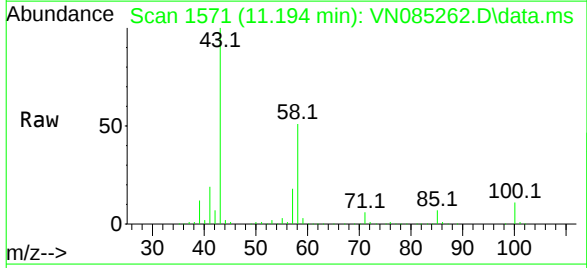
#59
2-Hexanone
Concen: 275.658 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VN085262.D
Acq: 18 Dec 2024 19:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 441800
Ion Ratio Lower Upper
43 100
58 51.9 25.8 77.4

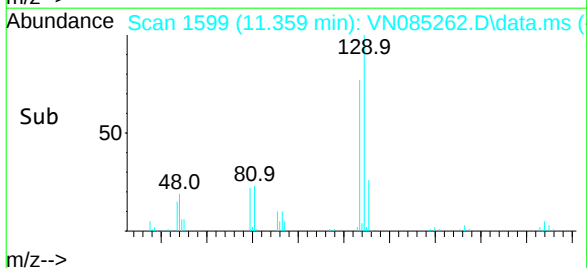
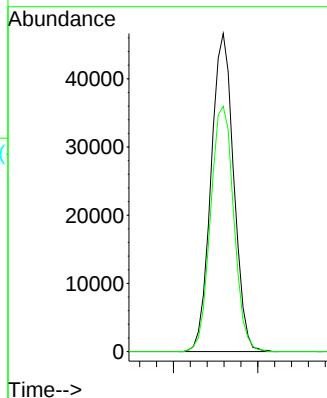
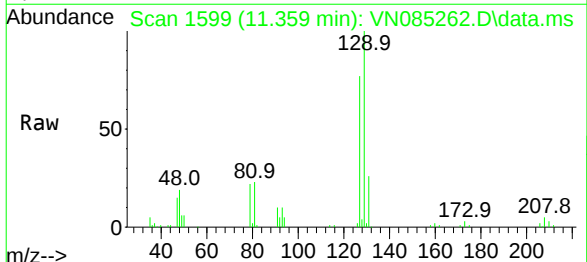
Manual Integrations
APPROVED

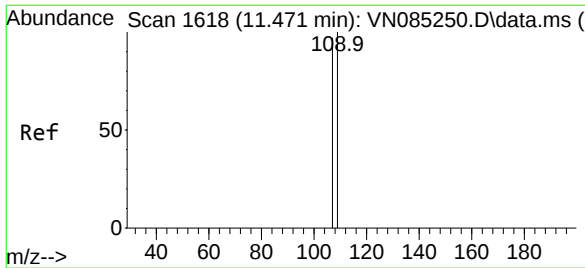
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#60
Dibromochloromethane
Concen: 51.687 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VN085262.D
Acq: 18 Dec 2024 19:57

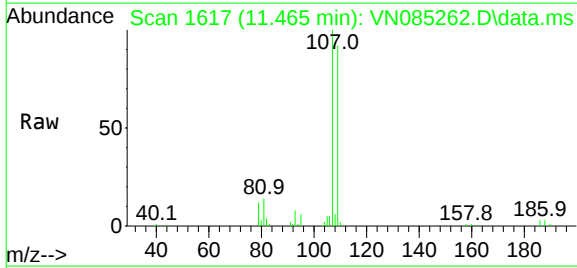
Tgt Ion:129 Resp: 87023
Ion Ratio Lower Upper
129 100
127 78.9 39.6 118.8





#61
1,2-Dibromoethane
Concen: 50.335 ug/l
RT: 11.465 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VN085262.D
Acq: 18 Dec 2024 19:57

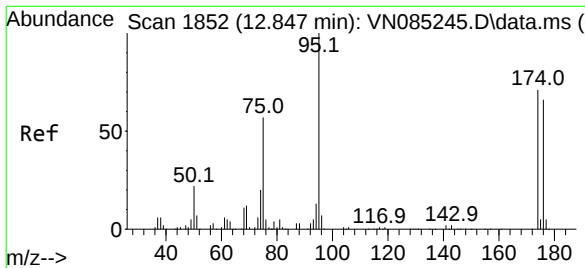
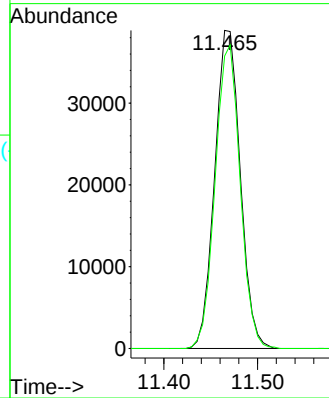
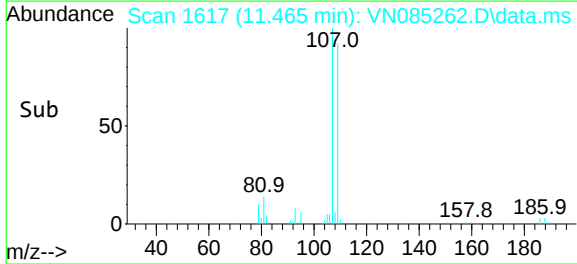
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 107 Resp: 73653
Ion Ratio Lower Upper
107 100
109 93.3 74.2 111.4

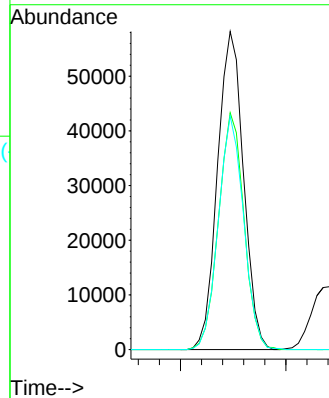
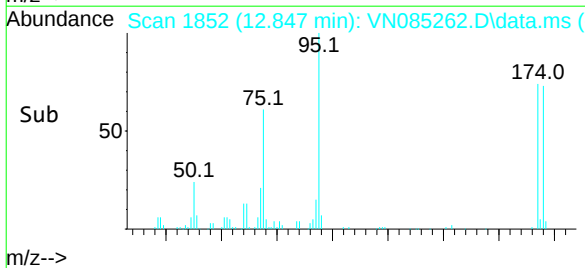
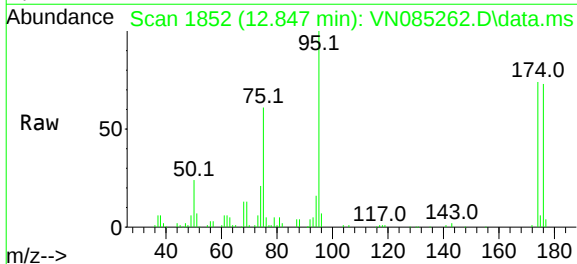
Manual Integrations
APPROVED

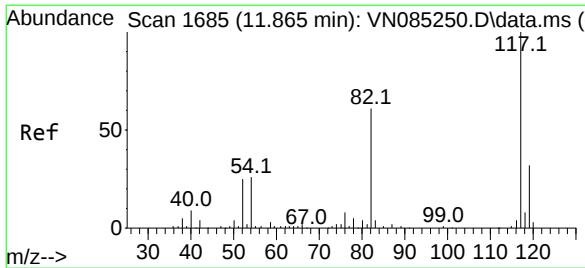
Reviewed By : John Carlone 12/20/2024
Supervised By : Mahesh Dadoda 12/20/2024



#62
4-Bromofluorobenzene
Concen: 52.424 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN085262.D
Acq: 18 Dec 2024 19:57

Tgt Ion: 95 Resp: 99685
Ion Ratio Lower Upper
95 100
174 72.8 0.0 144.4
176 71.6 0.0 136.6





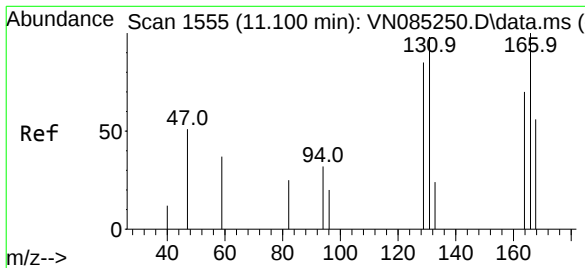
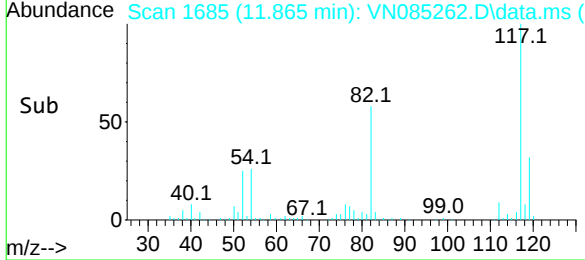
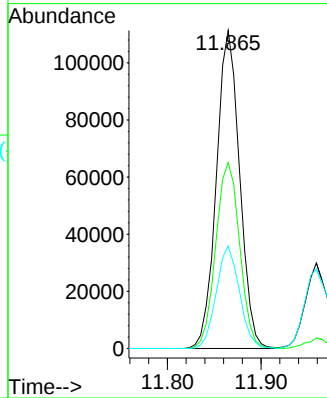
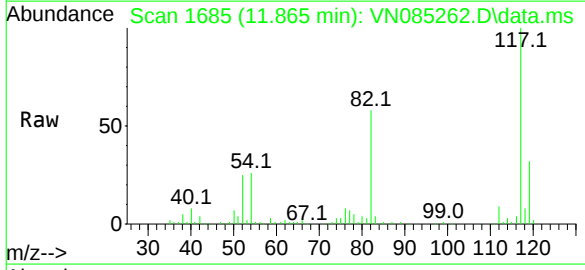
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN085262.D
Acq: 18 Dec 2024 19:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:	117	Resp:	192004
Ion	Ratio	Lower	Upper
117	100		
82	58.4	47.4	71.2
119	32.2	25.6	38.4

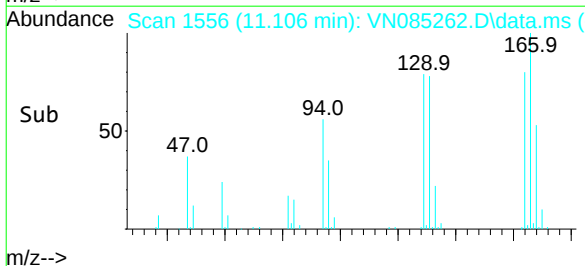
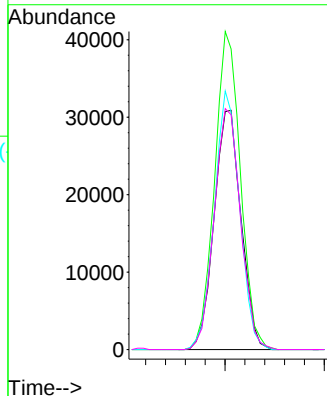
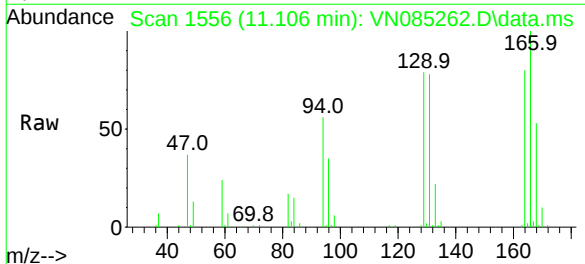
Manual Integrations
APPROVED

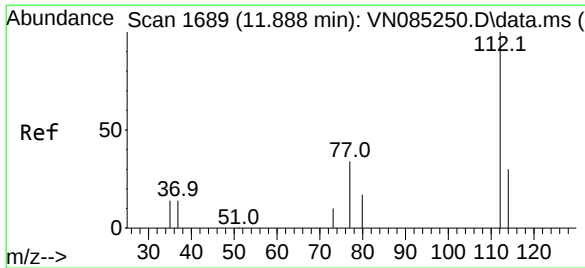
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#64
Tetrachloroethene
Concen: 44.929 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.006 min
Lab File: VN085262.D
Acq: 18 Dec 2024 19:57

Tgt Ion:	164	Resp:	58049
Ion	Ratio	Lower	Upper
164	100		
166	125.7	101.5	152.3
129	99.2	79.4	119.2
131	98.2	73.9	110.9





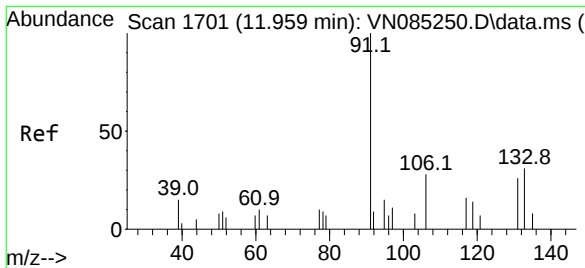
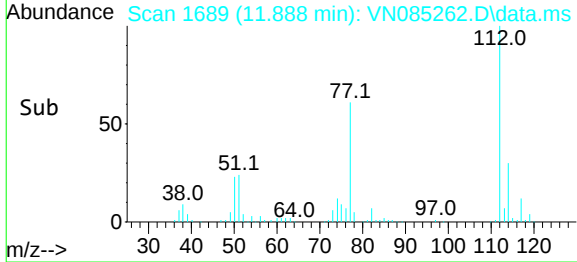
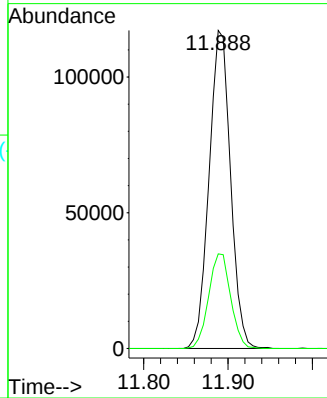
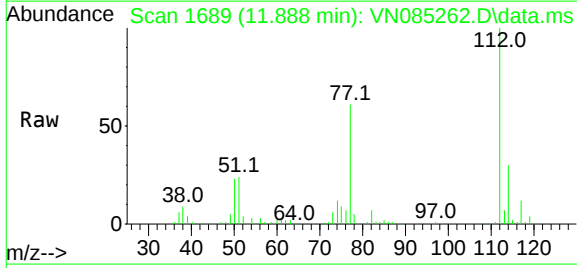
#65
Chlorobenzene
Concen: 47.929 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. 0.000 min
Lab File: VN085262.D
Acq: 18 Dec 2024 19:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:112 Resp: 206866
Ion Ratio Lower Upper
112 100
114 29.7 26.2 39.4

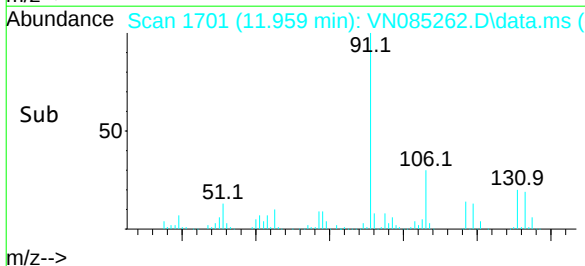
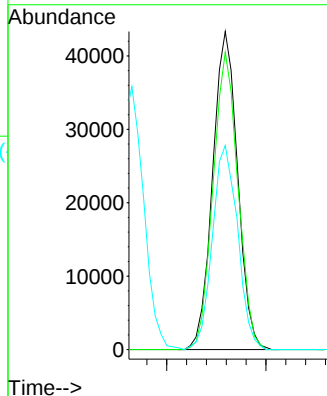
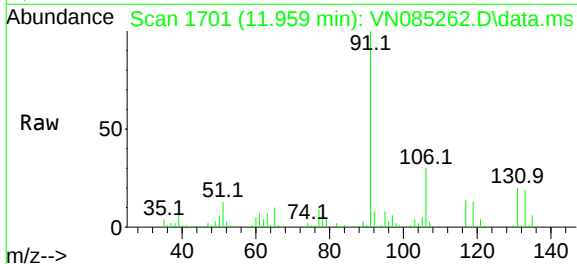
Manual Integrations
APPROVED

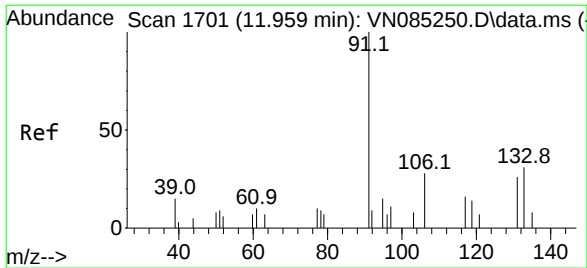
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 50.269 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN085262.D
Acq: 18 Dec 2024 19:57

Tgt Ion:131 Resp: 75694
Ion Ratio Lower Upper
131 100
133 93.0 48.6 145.8
119 64.9 32.5 97.5





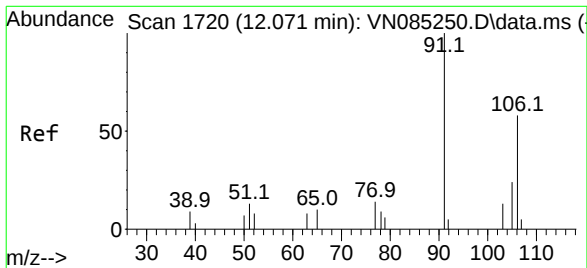
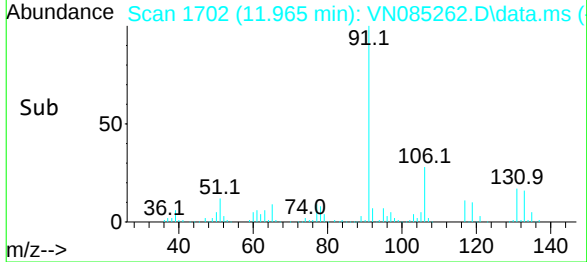
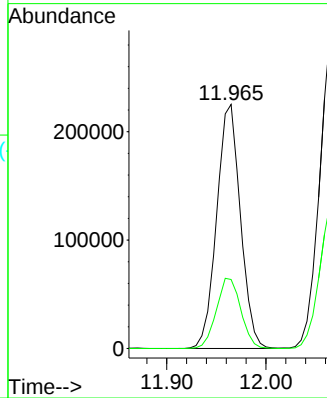
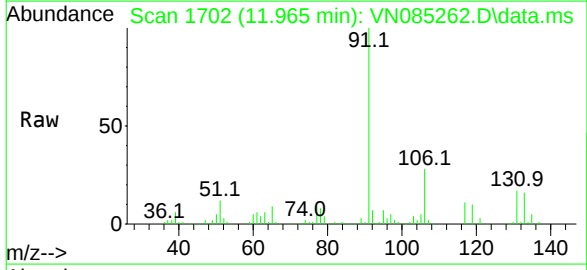
#67
Ethyl Benzene
Concen: 50.618 ug/l
RT: 11.965 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VN085262.D
Acq: 18 Dec 2024 19:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 374458
Ion Ratio Lower Upper
91 100
106 28.3 23.5 35.3

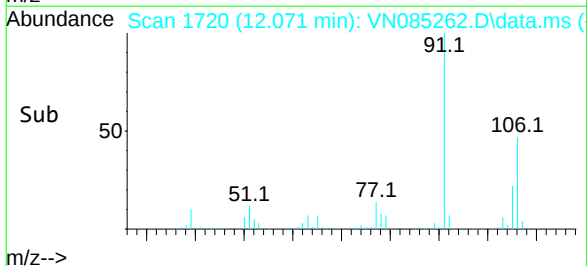
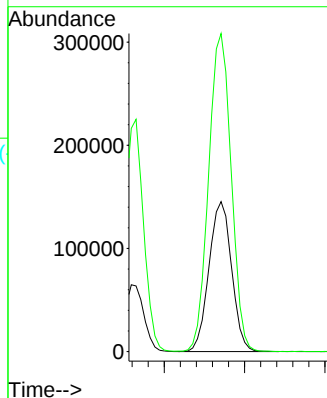
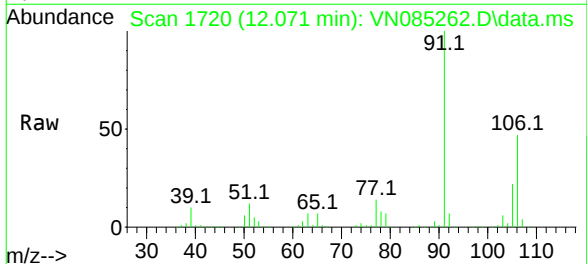
Manual Integrations
APPROVED

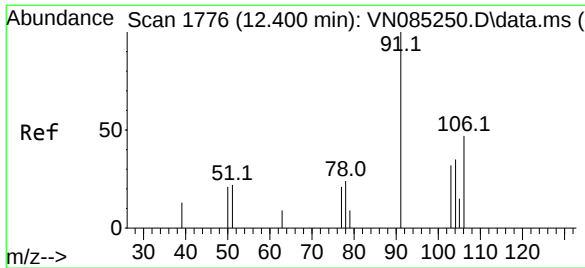
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#68
m/p-Xylenes
Concen: 102.982 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN085262.D
Acq: 18 Dec 2024 19:57

Tgt Ion:106 Resp: 284931
Ion Ratio Lower Upper
106 100
91 211.5 168.3 252.5





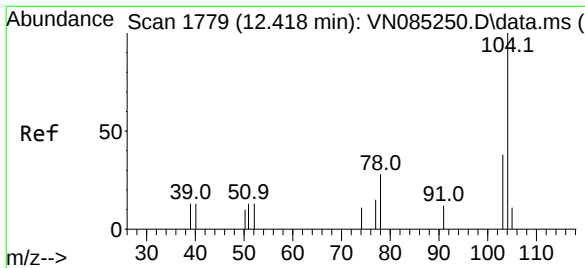
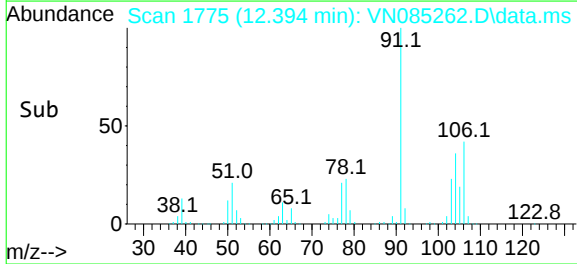
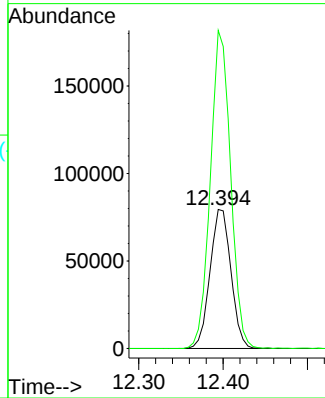
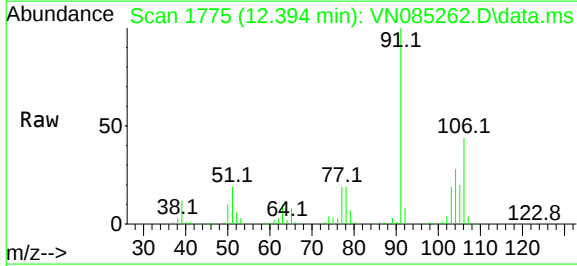
#69
o-Xylene
Concen: 52.761 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN085262.D
Acq: 18 Dec 2024 19:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 137211
Ion Ratio Lower Upper
106 100
91 221.2 112.1 336.2

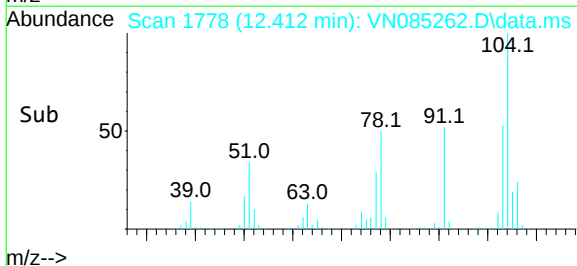
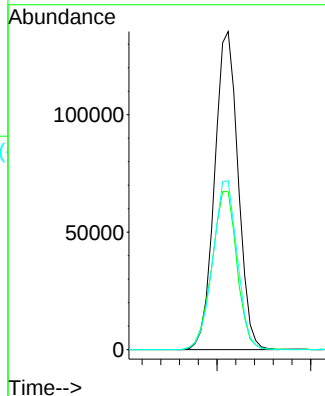
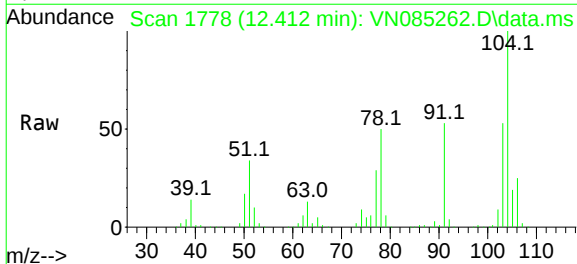
Manual Integrations
APPROVED

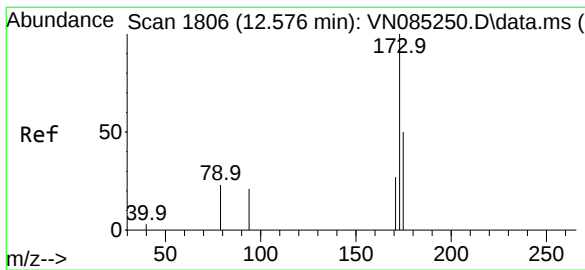
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#70
Styrene
Concen: 54.412 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VN085262.D
Acq: 18 Dec 2024 19:57

Tgt Ion:104 Resp: 236234
Ion Ratio Lower Upper
104 100
78 53.1 43.2 64.8
103 55.3 44.6 66.8





#71

Bromoform

Concen: 49.971 ug/l

RT: 12.577 min Scan# 1806

Delta R.T. 0.000 min

Lab File: VN085262.D

Acq: 18 Dec 2024 19:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

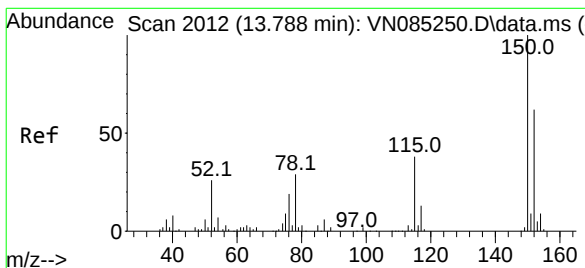
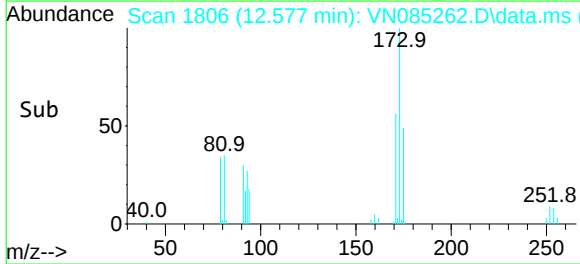
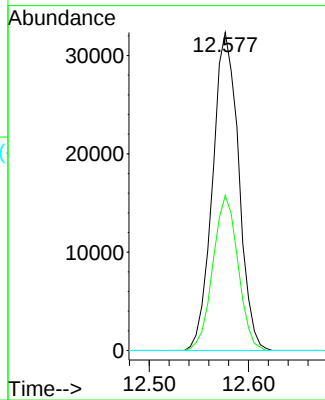
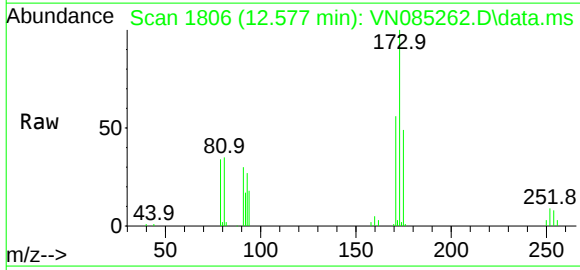
Tgt Ion:	173	Resp:	58981
Ion Ratio	Lower	Upper	
173	100		
175	47.0	24.5	73.5
254	0.0	0.0	0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/20/2024

Supervised By :Mahesh Dadoda 12/20/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

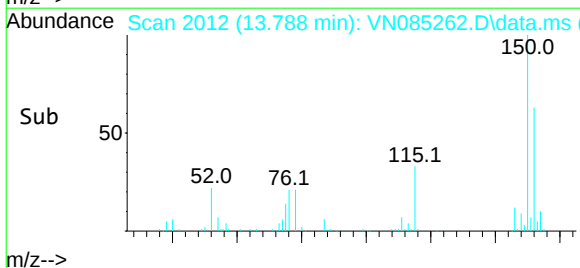
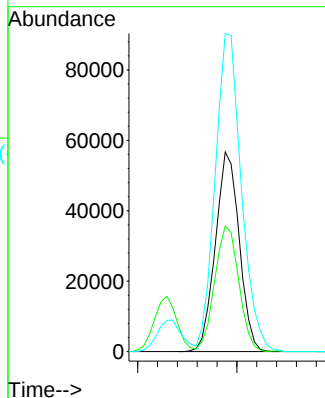
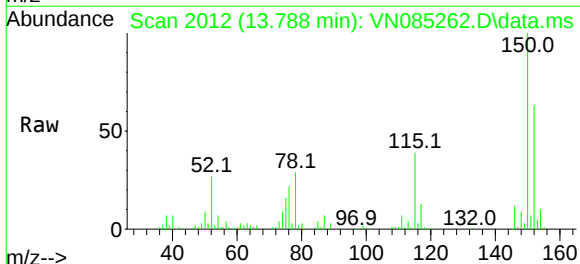
RT: 13.788 min Scan# 2012

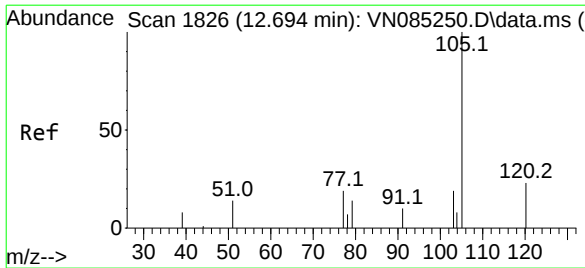
Delta R.T. 0.000 min

Lab File: VN085262.D

Acq: 18 Dec 2024 19:57

Tgt Ion:	152	Resp:	94771
Ion Ratio	Lower	Upper	
152	100		
115	63.6	32.1	96.3
150	175.1	0.0	354.6





#73

Isopropylbenzene

Concen: 50.961 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. 0.000 min

Lab File: VN085262.D

Acq: 18 Dec 2024 19:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 105 Resp: 348395

Ion Ratio Lower Upper

105 100

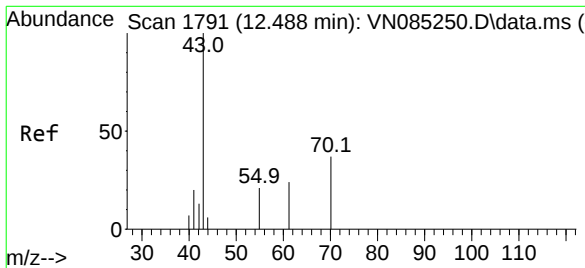
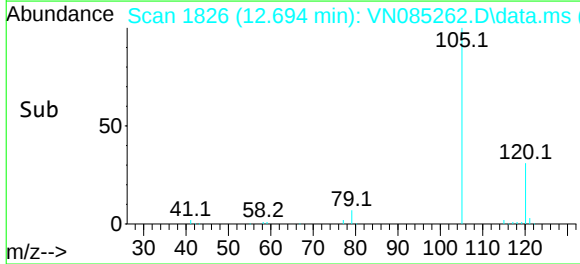
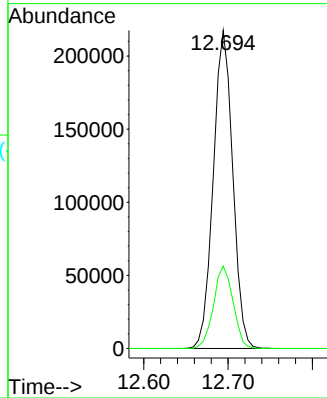
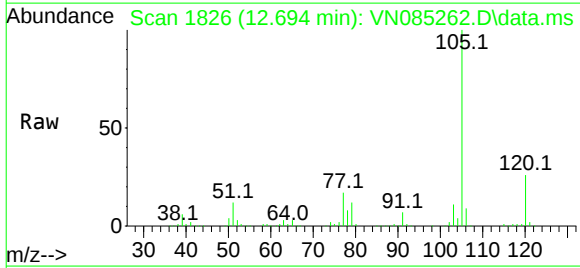
120 26.0 13.0 38.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/20/2024

Supervised By :Mahesh Dadoda 12/20/2024



#74

N-ethyl acetate

Concen: 53.196 ug/l

RT: 12.494 min Scan# 1792

Delta R.T. 0.000 min

Lab File: VN085262.D

Acq: 18 Dec 2024 19:57

Tgt Ion: 43 Resp: 181641

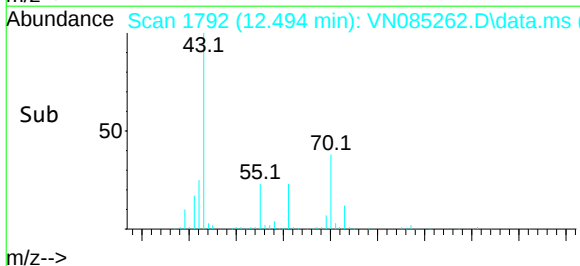
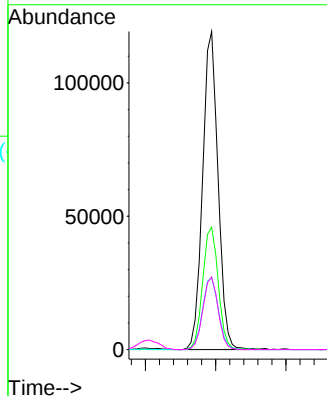
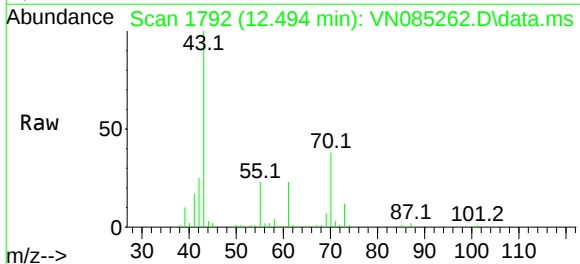
Ion Ratio Lower Upper

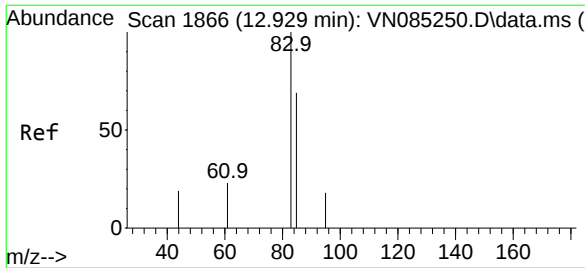
43 100

70 38.8 31.5 47.3

55 23.3 19.0 28.4

61 22.6 18.1 27.1





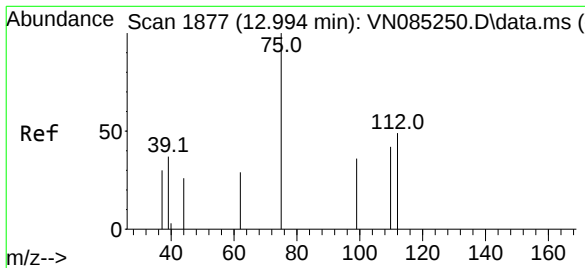
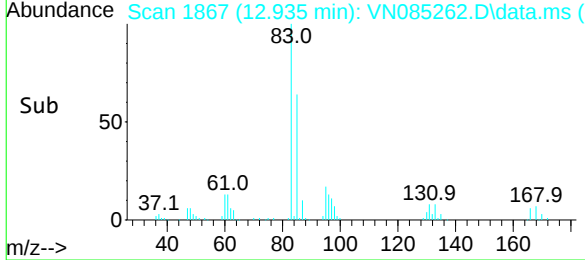
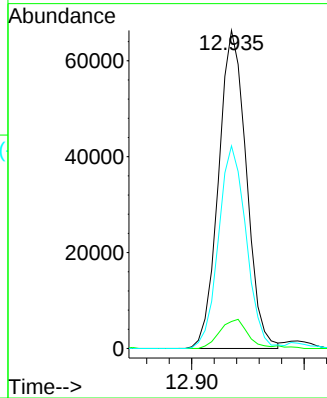
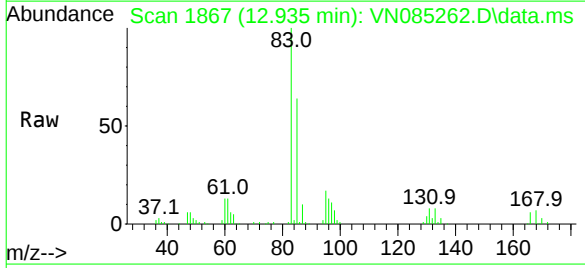
#75
1,1,2,2-Tetrachloroethane
Concen: 46.646 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VN085262.D
Acq: 18 Dec 2024 19:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion	83	Resp	113623
Ion	Ratio	Lower	Upper
83	100		
131	9.6	4.7	14.1
85	63.6	32.5	97.4

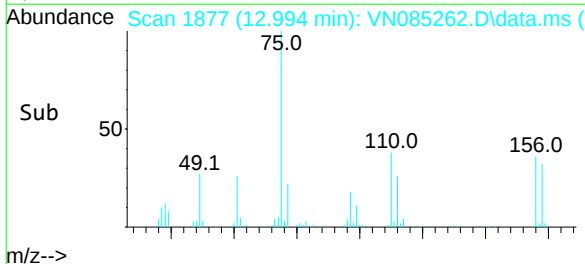
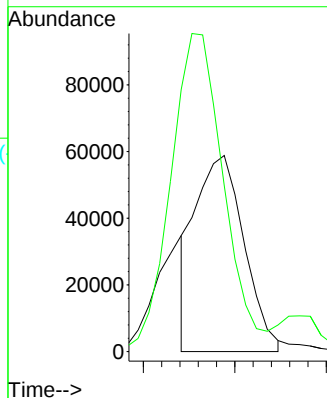
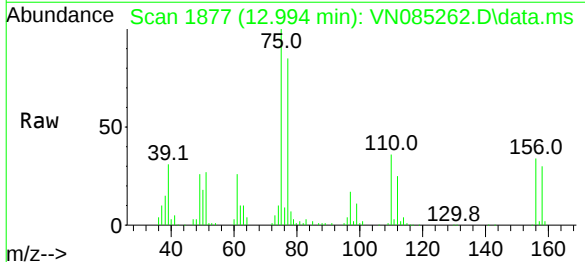
Manual Integrations
APPROVED

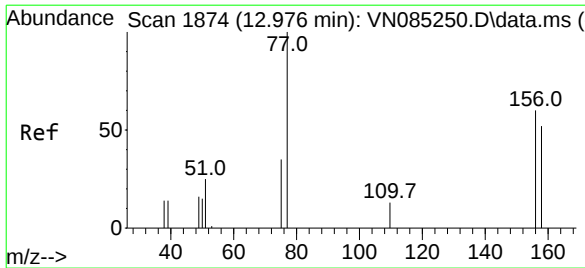
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#76
1,2,3-Trichloropropane
Concen: 48.205 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. 0.000 min
Lab File: VN085262.D
Acq: 18 Dec 2024 19:57

Tgt Ion	75	Resp	108897
Ion	Ratio	Lower	Upper
75	100		
77	175.8	102.6	307.7





#77

Bromobenzene

Concen: 46.328 ug/l

RT: 12.977 min Scan# 1874

Delta R.T. 0.000 min

Lab File: VN085262.D

Acq: 18 Dec 2024 19:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

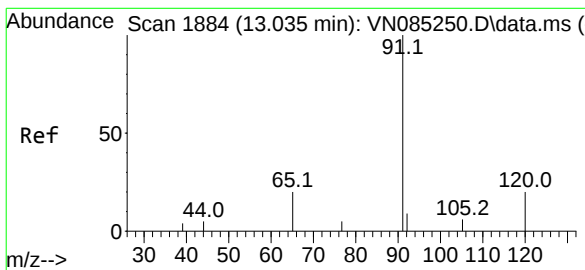
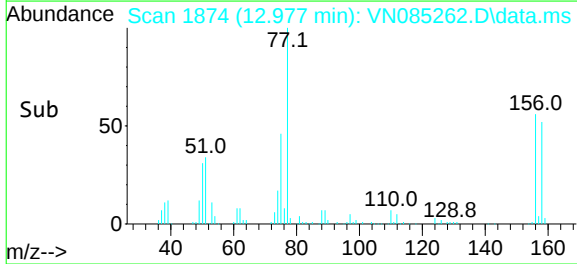
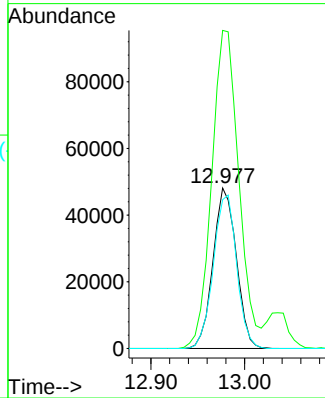
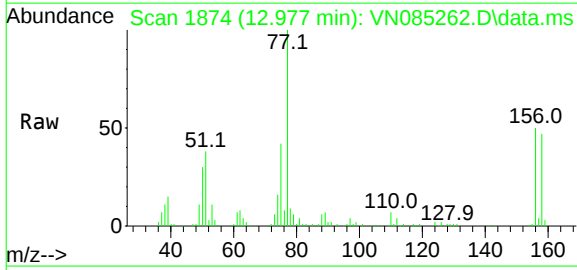
Tgt Ion:	156	Resp:	83159
Ion Ratio	Lower	Upper	
156	100		
77	230.3	115.8	347.3
158	95.8	47.9	143.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/20/2024

Supervised By :Mahesh Dadoda 12/20/2024



#78

n-propylbenzene

Concen: 50.379 ug/l

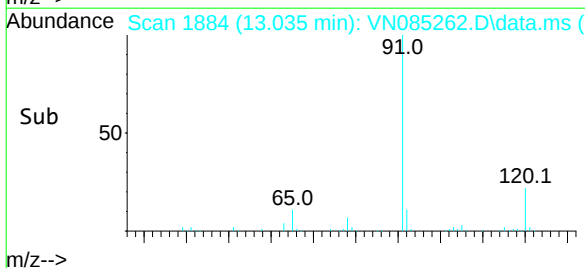
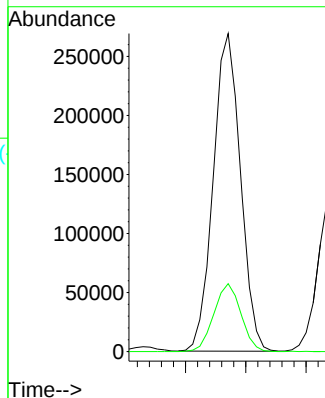
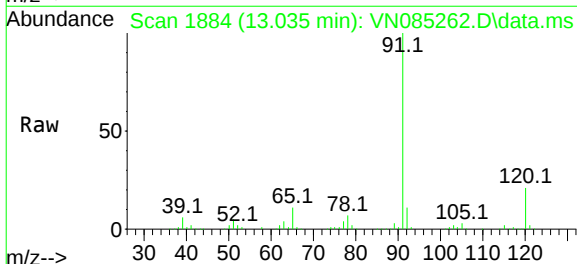
RT: 13.035 min Scan# 1884

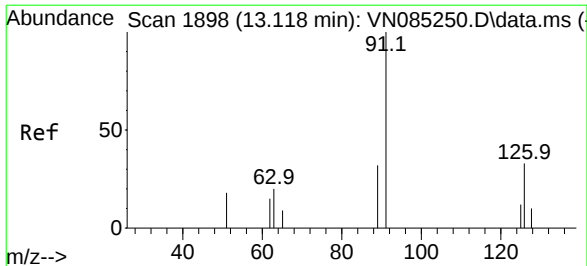
Delta R.T. 0.000 min

Lab File: VN085262.D

Acq: 18 Dec 2024 19:57

Tgt Ion:	91	Resp:	422399
Ion Ratio	Lower	Upper	
91	100		
120	21.2	10.8	32.3





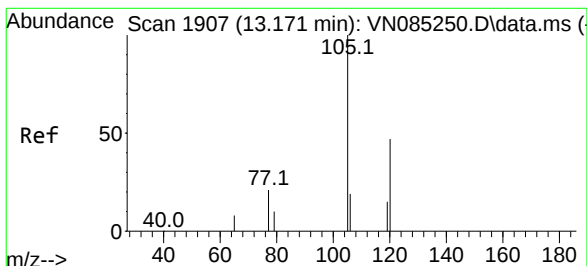
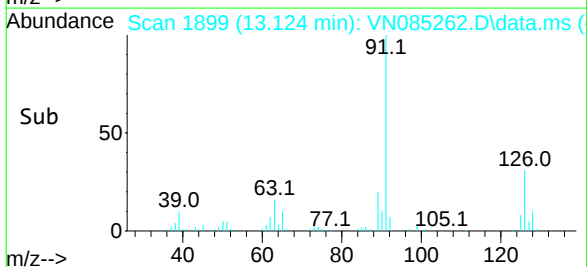
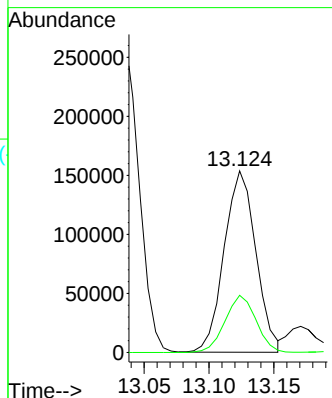
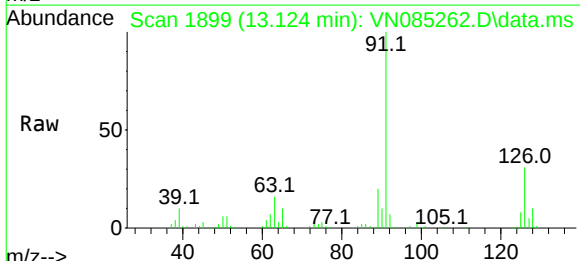
#79
2-Chlorotoluene
Concen: 49.117 ug/l
RT: 13.124 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VN085262.D
Acq: 18 Dec 2024 19:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 261471
Ion Ratio Lower Upper
91 100
126 30.8 15.2 45.5

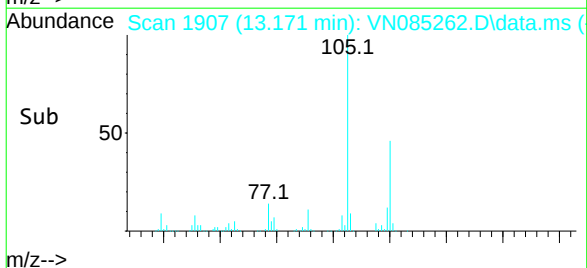
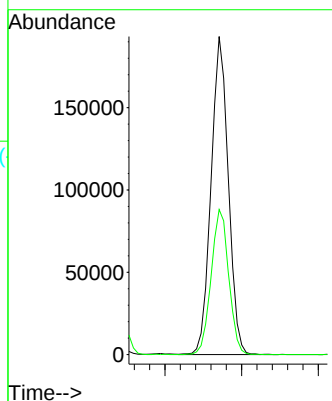
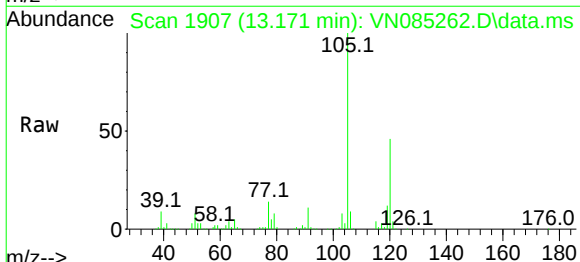
Manual Integrations
APPROVED

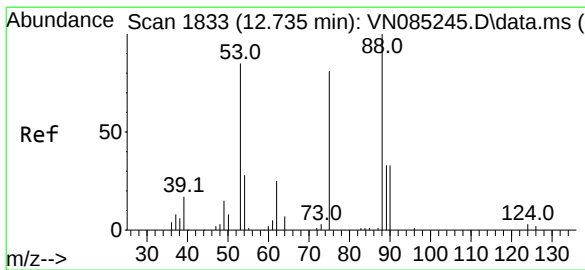
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#80
1,3,5-Trimethylbenzene
Concen: 52.883 ug/l
RT: 13.171 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VN085262.D
Acq: 18 Dec 2024 19:57

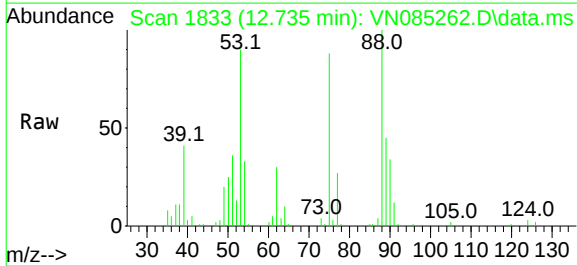
Tgt Ion:105 Resp: 301560
Ion Ratio Lower Upper
105 100
120 46.5 23.4 70.2





#81
trans-1,4-Dichloro-2-butene
Concen: 48.169 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN085262.D
Acq: 18 Dec 2024 19:57

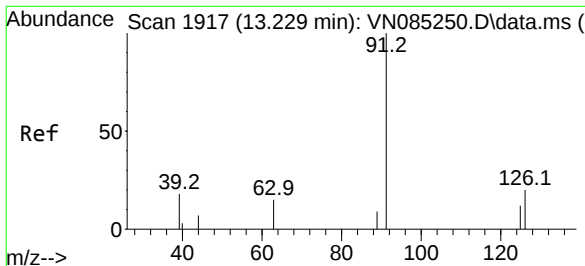
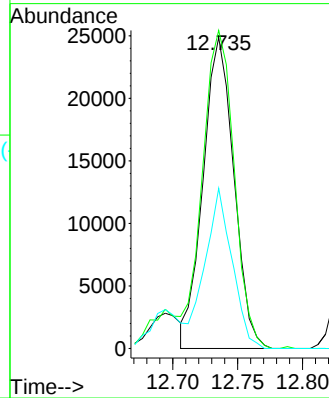
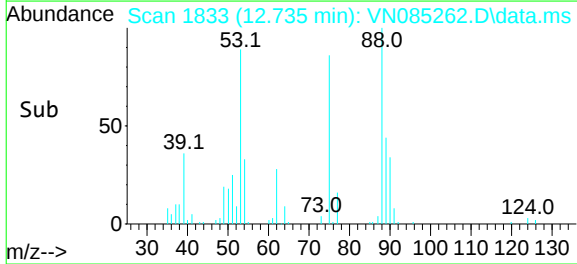
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 40980
Ion Ratio Lower Upper
75 100
53 117.5 84.9 127.3
89 44.9 37.9 56.9

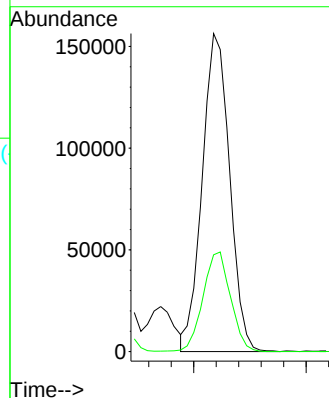
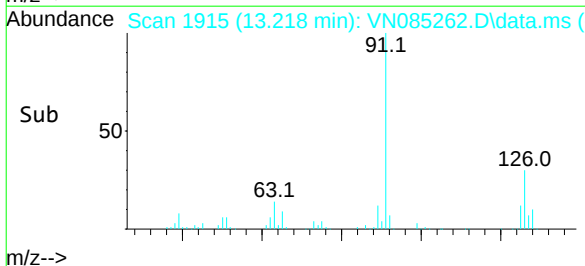
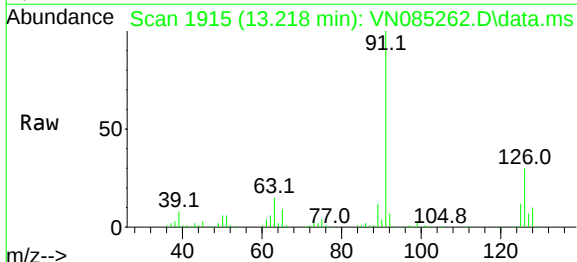
Manual Integrations
APPROVED

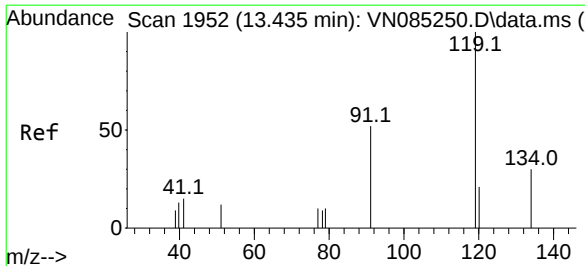
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#82
4-Chlorotoluene
Concen: 49.103 ug/l
RT: 13.218 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VN085262.D
Acq: 18 Dec 2024 19:57

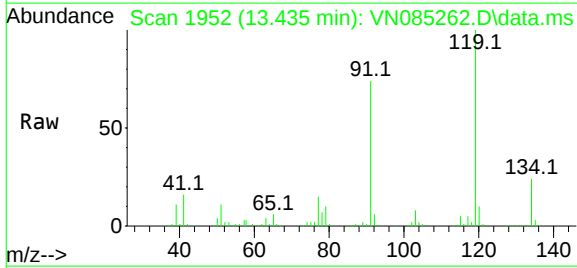
Tgt Ion: 91 Resp: 264514
Ion Ratio Lower Upper
91 100
126 31.4 15.6 46.8





#83
tert-Butylbenzene
Concen: 50.073 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. 0.000 min
Lab File: VN085262.D
Acq: 18 Dec 2024 19:57

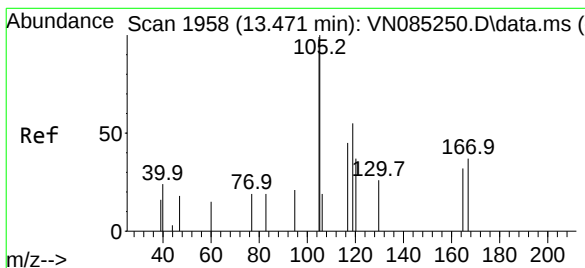
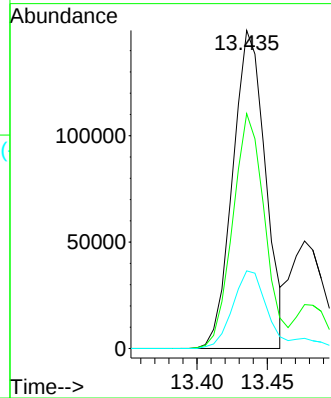
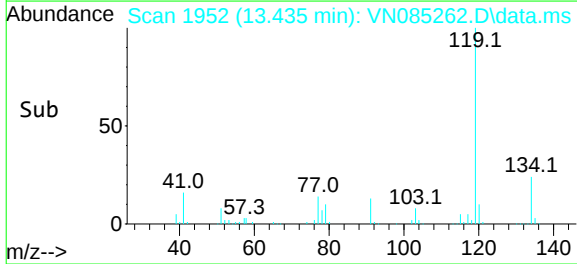
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



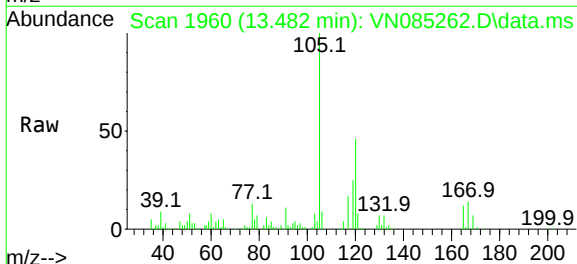
Tgt Ion:119 Resp: 242149
Ion Ratio Lower Upper
119 100
91 72.5 36.3 108.7
134 27.7 12.2 36.6

Manual Integrations
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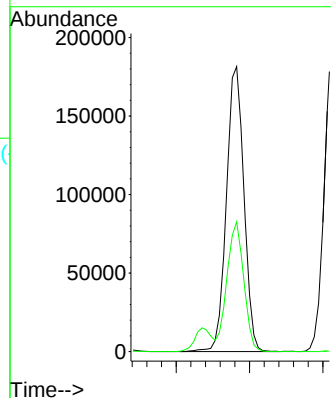
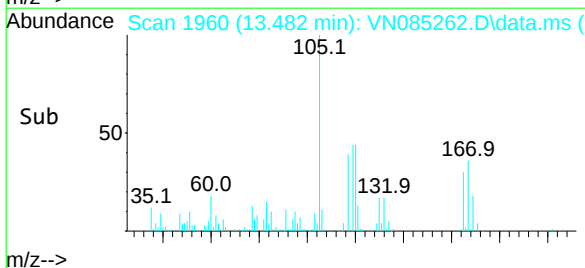
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024

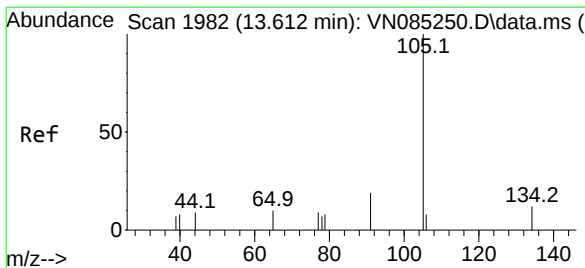


#84
1,2,4-Trimethylbenzene
Concen: 51.528 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN085262.D
Acq: 18 Dec 2024 19:57



Tgt Ion:105 Resp: 300345
Ion Ratio Lower Upper
105 100
120 43.8 21.8 65.3





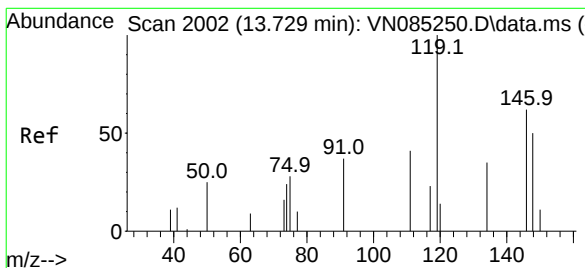
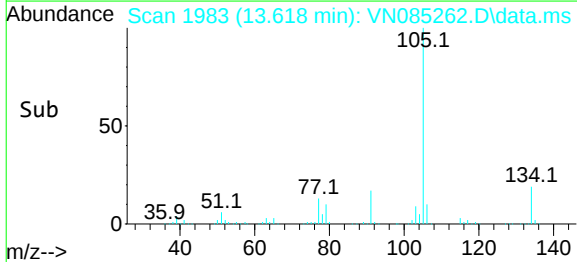
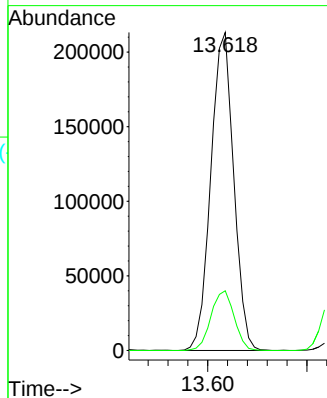
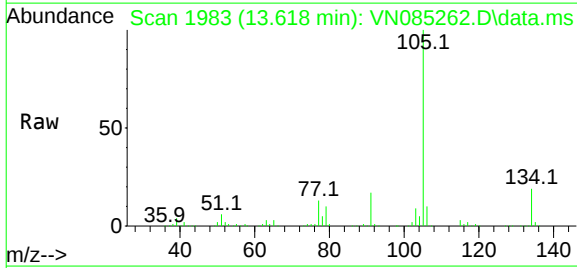
#85
sec-Butylbenzene
Concen: 50.620 ug/l
RT: 13.618 min Scan# 1982
Delta R.T. 0.006 min
Lab File: VN085262.D
Acq: 18 Dec 2024 19:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:105 Resp: 341285
Ion Ratio Lower Upper
105 100
134 19.1 9.4 28.3

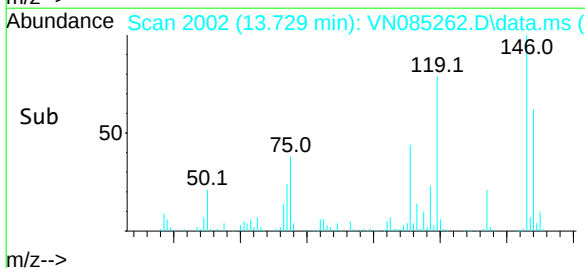
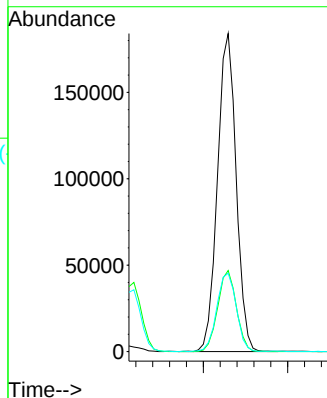
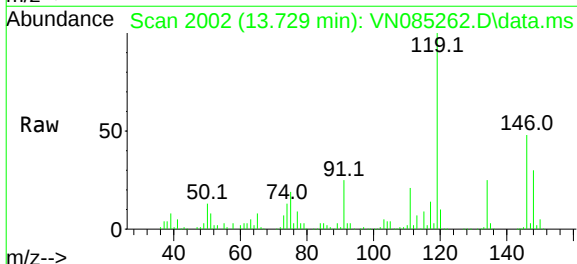
Manual Integrations
APPROVED

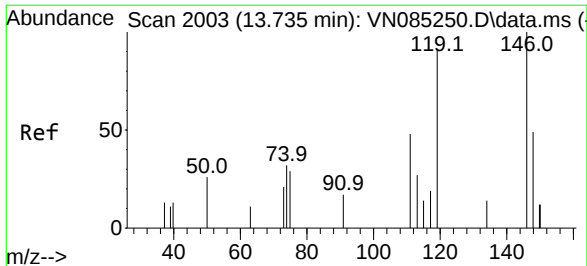
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#86
p-Isopropyltoluene
Concen: 43.692 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. 0.000 min
Lab File: VN085262.D
Acq: 18 Dec 2024 19:57

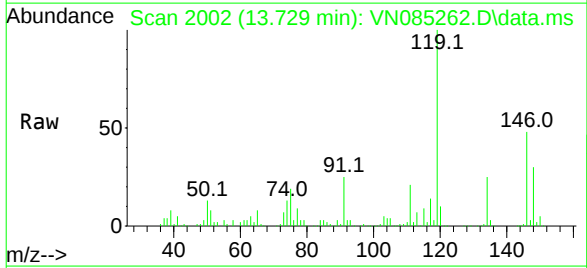
Tgt Ion:119 Resp: 283370
Ion Ratio Lower Upper
119 100
134 25.5 12.5 37.5
91 25.8 13.0 38.9





#87
1,3-Dichlorobenzene
Concen: 45.892 ug/l
RT: 13.729 min Scan# 2003
Delta R.T. 0.000 min
Lab File: VN085262.D
Acq: 18 Dec 2024 19:57

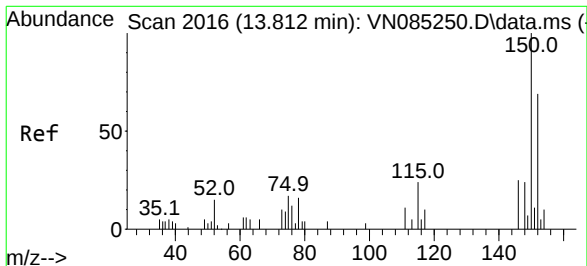
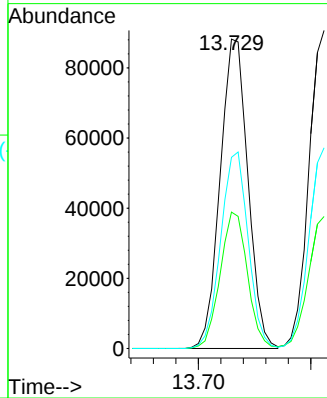
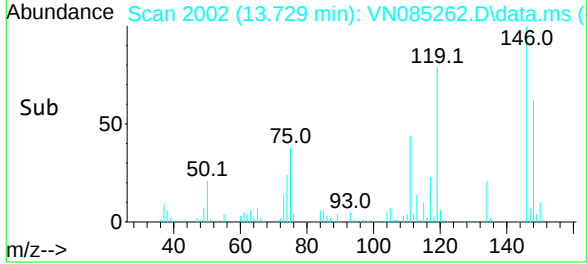
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



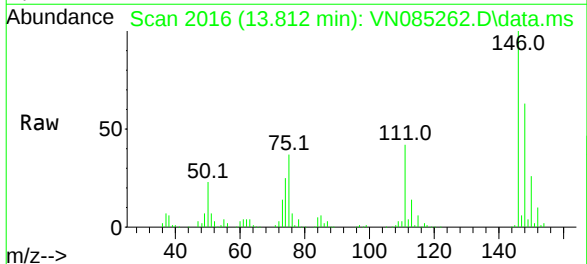
Tgt Ion:146 Resp: 151700
Ion Ratio Lower Upper
146 100
111 43.3 21.5 64.5
148 62.7 31.4 94.0

Manual Integrations
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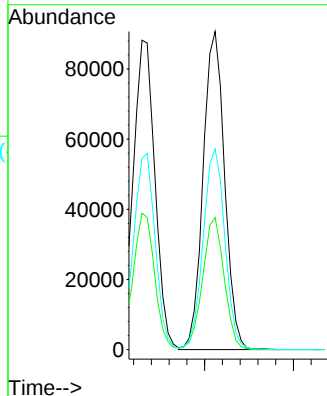
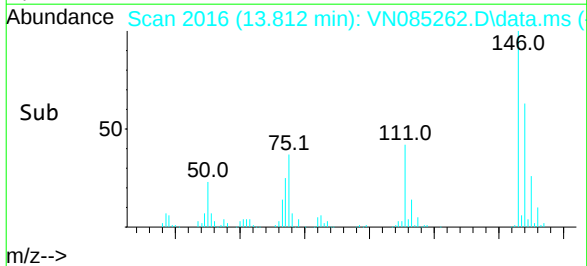
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024

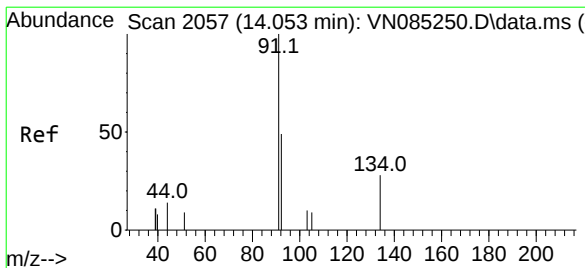


#88
1,4-Dichlorobenzene
Concen: 44.541 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. 0.000 min
Lab File: VN085262.D
Acq: 18 Dec 2024 19:57



Tgt Ion:146 Resp: 152344
Ion Ratio Lower Upper
146 100
111 41.6 20.8 62.5
148 64.0 31.9 95.9





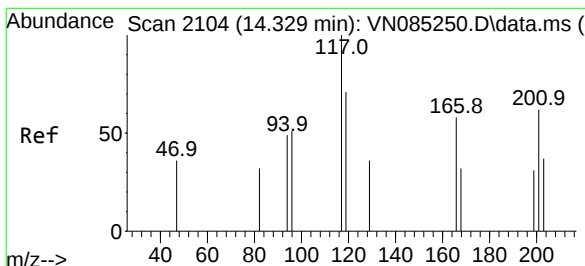
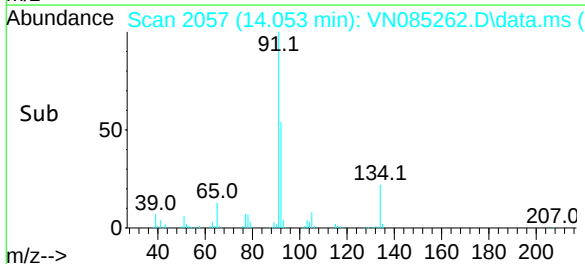
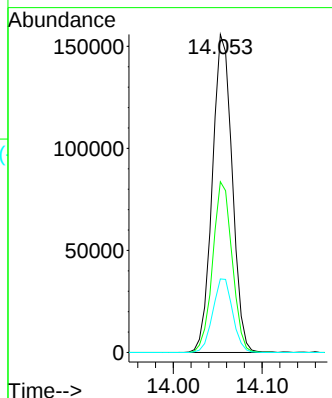
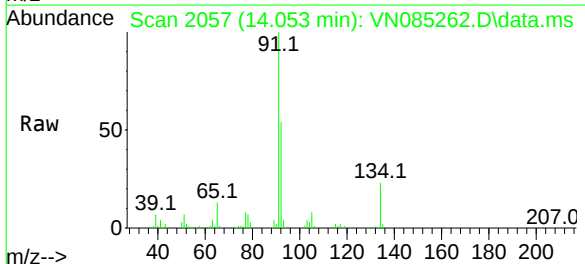
#89
n-Butylbenzene
Concen: 48.883 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. 0.000 min
Lab File: VN085262.D
Acq: 18 Dec 2024 19:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:	91	Resp:	242367
Ion	Ratio	Lower	Upper
91	100		
92	52.5	25.8	77.3
134	23.1	12.0	36.0

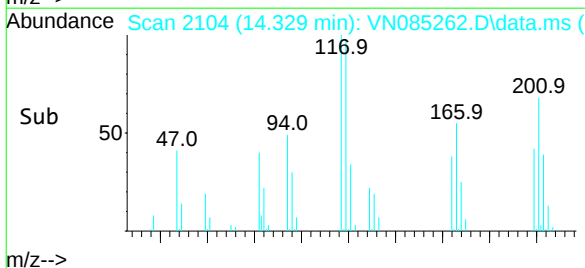
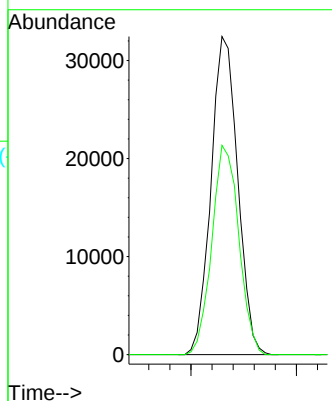
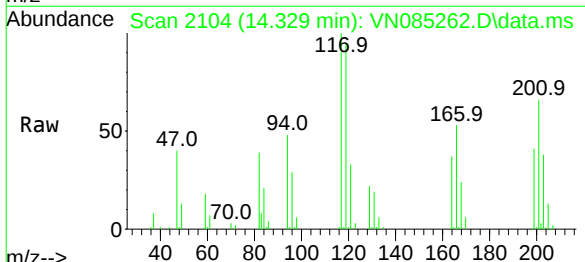
Manual Integrations
APPROVED

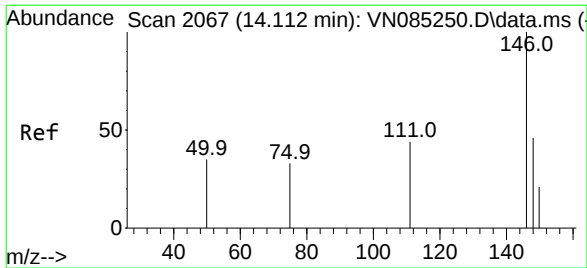
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#90
Hexachloroethane
Concen: 46.093 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. -0.006 min
Lab File: VN085262.D
Acq: 18 Dec 2024 19:57

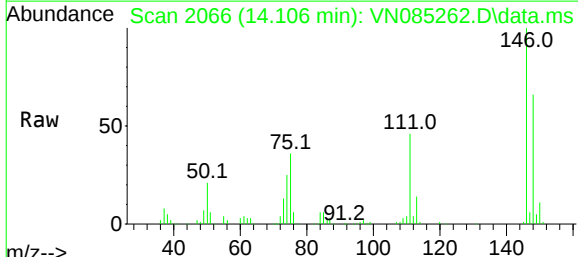
Tgt Ion:	117	Resp:	57087
Ion	Ratio	Lower	Upper
117	100		
201	66.3	31.9	95.7





#91
1,2-Dichlorobenzene
Concen: 47.512 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. 0.000 min
Lab File: VN085262.D
Acq: 18 Dec 2024 19:57

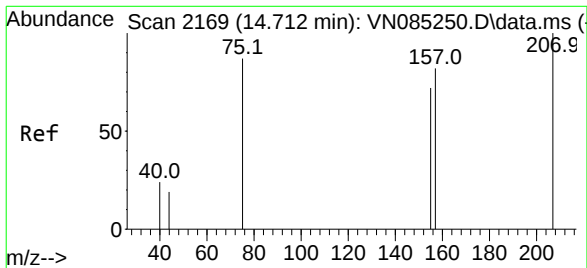
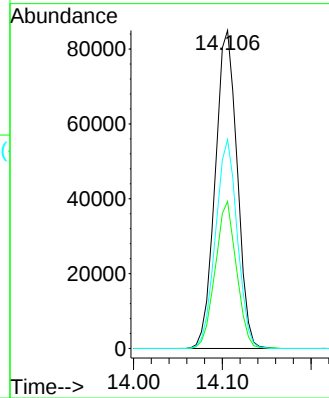
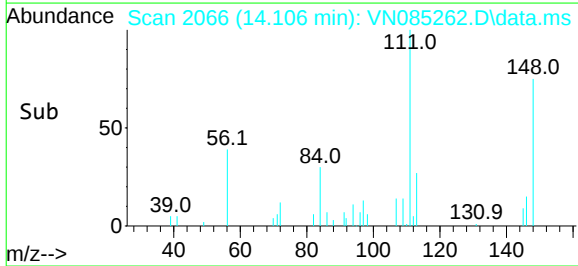
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



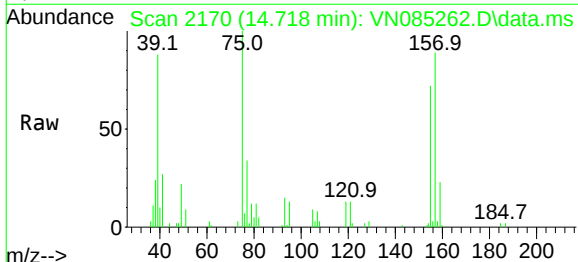
Tgt Ion: 146 Resp: 146076
Ion Ratio Lower Upper
146 100
111 44.7 22.1 66.1
148 65.1 31.9 95.9

Manual Integrations
APPROVED

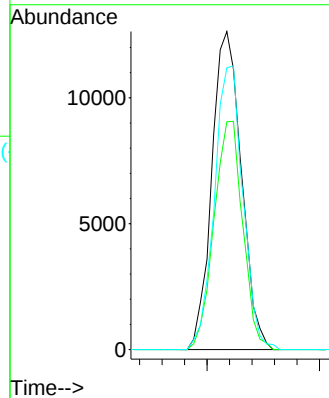
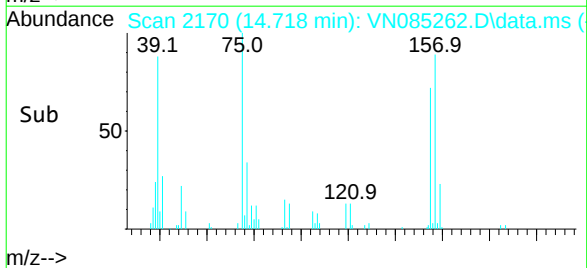
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024

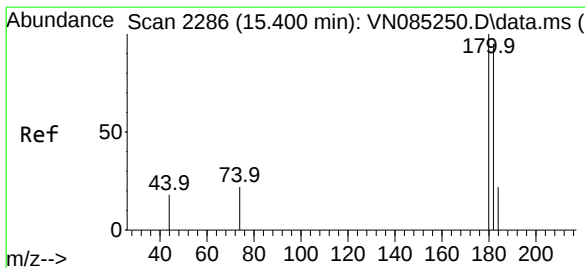


#92
1,2-Dibromo-3-Chloropropane
Concen: 49.305 ug/l
RT: 14.718 min Scan# 2170
Delta R.T. 0.000 min
Lab File: VN085262.D
Acq: 18 Dec 2024 19:57



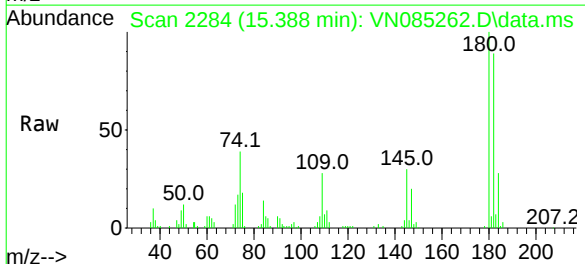
Tgt Ion: 75 Resp: 23032
Ion Ratio Lower Upper
75 100
155 69.8 35.4 106.2
157 86.4 43.3 129.9





#93
1,2,4-Trichlorobenzene
Concen: 43.260 ug/l
RT: 15.388 min Scan# 2286
Delta R.T. 0.000 min
Lab File: VN085262.D
Acq: 18 Dec 2024 19:57

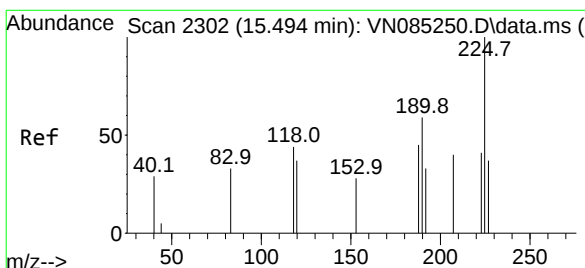
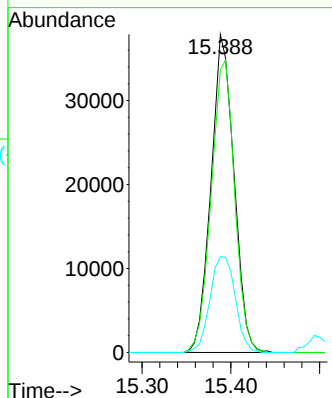
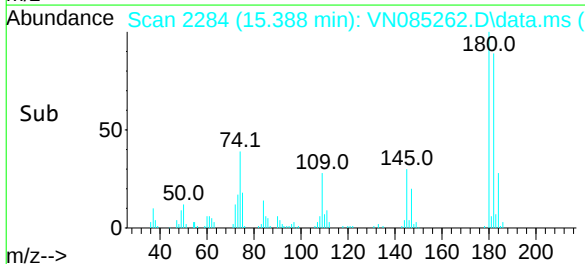
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:180 Resp: 68084
Ion Ratio Lower Upper
180 100
182 93.8 46.3 138.8
145 33.2 16.6 49.7

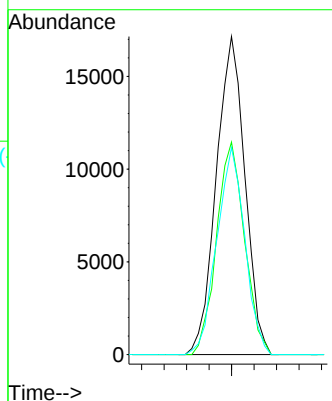
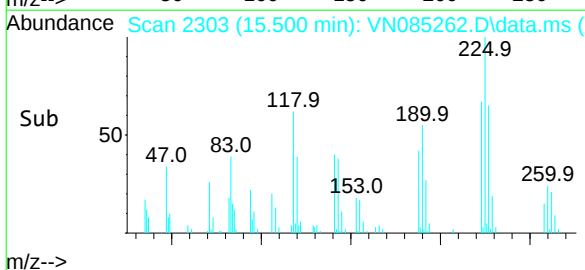
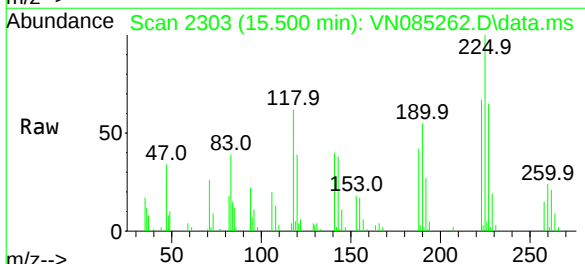
Manual Integrations
APPROVED

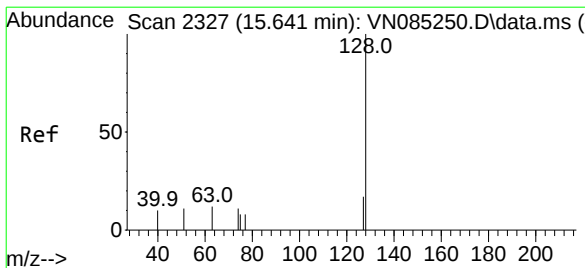
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#94
Hexachlorobutadiene
Concen: 37.137 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. 0.006 min
Lab File: VN085262.D
Acq: 18 Dec 2024 19:57

Tgt Ion:225 Resp: 30377
Ion Ratio Lower Upper
225 100
223 65.1 34.1 102.2
227 63.5 33.2 99.6





#95

Naphthalene

Concen: 43.532 ug/l

RT: 15.641 min Scan# 23

Delta R.T. 0.000 min

Lab File: VN085262.D

Acq: 18 Dec 2024 19:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

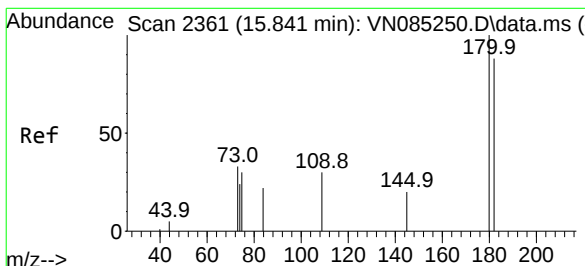
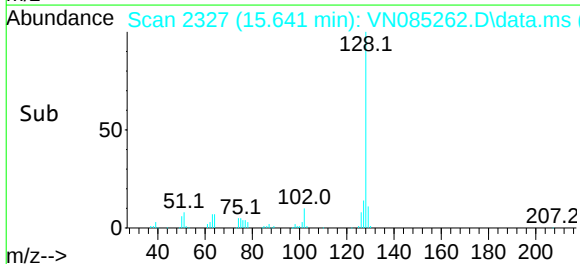
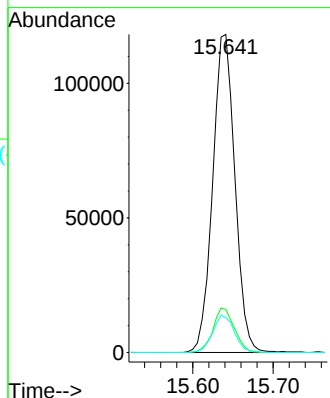
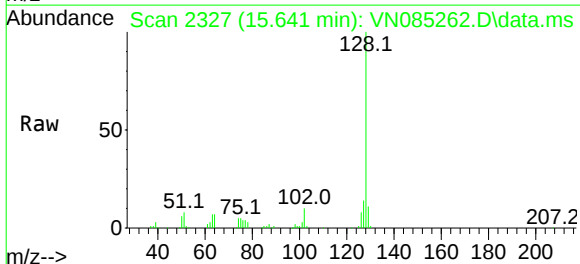
Tgt Ion:	128	Resp:	226882
Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.3	15.5
129	11.4	8.6	13.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/20/2024

Supervised By :Mahesh Dadoda 12/20/2024



#96

1,2,3-Trichlorobenzene

Concen: 42.844 ug/l

RT: 15.835 min Scan# 2360

Delta R.T. 0.000 min

Lab File: VN085262.D

Acq: 18 Dec 2024 19:57

Tgt Ion:	180	Resp:	67350
Ion	Ratio	Lower	Upper
180	100		
182	93.7	46.9	140.6
145	34.2	17.6	52.8

