

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112624\
 Data File : VN085050.D
 Acq On : 26 Nov 2024 18:12
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/27/2024
 Supervised By : Mahesh Dadoda 11/27/2024

Quant Time: Nov 27 05:19:45 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112224W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 23 02:54:10 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	153430	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	256451	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	227672	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	116253	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.576	65	99406	45.484	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	90.960%
35) Dibromofluoromethane	8.159	113	77420	44.766	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	89.540%
50) Toluene-d8	10.565	98	281059	45.348	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	90.700%
62) 4-Bromofluorobenzene	12.847	95	108675	46.887	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	93.780%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.118	85	78431	45.208	ug/l	97
3) Chloromethane	2.359	50	82094	40.798	ug/l	97
4) Vinyl Chloride	2.512	62	79381	43.898	ug/l	97
5) Bromomethane	2.900	94	42503	41.935	ug/l	98
6) Chloroethane	3.065	64	52583	43.141	ug/l	100
7) Trichlorofluoromethane	3.459	101	143786	46.743	ug/l	99
8) Diethyl Ether	3.953	74	52756	50.388	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.347	101	81764	46.865	ug/l	99
10) Methyl Iodide	4.577	142	111146	48.128	ug/l	98
11) Tert butyl alcohol	5.535	59	92085	315.304	ug/l	99
12) 1,1-Dichloroethene	4.318	96	77314	47.476	ug/l	97
13) Acrolein	4.171	56	90114	462.414	ug/l	97
14) Allyl chloride	5.012	41	132081	48.111	ug/l	98
15) Acrylonitrile	5.718	53	224812	271.892	ug/l	98
16) Acetone	4.424	43	196100	308.090	ug/l	99
17) Carbon Disulfide	4.694	76	194013	40.363	ug/l	100
18) Methyl Acetate	5.018	43	118116	58.248	ug/l	99
19) Methyl tert-butyl Ether	5.794	73	276560	51.977	ug/l	98
20) Methylene Chloride	5.265	84	89054	45.850	ug/l	91
21) trans-1,2-Dichloroethene	5.777	96	78484	45.797	ug/l	88
22) Diisopropyl ether	6.671	45	275336	49.831	ug/l	98
23) Vinyl Acetate	6.594	43	1030035	270.220	ug/l	99
24) 1,1-Dichloroethane	6.559	63	158805	48.028	ug/l	99
25) 2-Butanone	7.482	43	302206	290.407	ug/l	97
26) 2,2-Dichloropropane	7.482	77	145854	47.240	ug/l	99
27) cis-1,2-Dichloroethene	7.482	96	99330	48.079	ug/l	99
28) Bromochloromethane	7.812	49	61203	49.035	ug/l	95
29) Tetrahydrofuran	7.835	42	188504	291.291	ug/l	99
30) Chloroform	7.965	83	166044	47.208	ug/l	99
31) Cyclohexane	8.253	56	127216	43.698	ug/l	99
32) 1,1,1-Trichloroethane	8.165	97	154174	48.507	ug/l	98
36) 1,1-Dichloropropene	8.371	75	108611	46.366	ug/l	99
37) Ethyl Acetate	7.559	43	116373	54.646	ug/l	98
38) Carbon Tetrachloride	8.359	117	131332	48.571	ug/l	96
39) Methylcyclohexane	9.600	83	114201	46.916	ug/l	100
40) Benzene	8.600	78	356588	48.130	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	62758	53.226	ug/l	95
42) 1,2-Dichloroethane	8.665	62	123426	48.696	ug/l	100
43) Isopropyl Acetate	8.688	43	275827	62.355	ug/l #	89
44) Trichloroethene	9.347	130	80386	46.688	ug/l	92
45) 1,2-Dichloropropane	9.618	63	87009	47.681	ug/l	98
46) Dibromomethane	9.706	93	62202	49.056	ug/l	100
47) Bromodichloromethane	9.888	83	134764	50.146	ug/l	100
48) Methyl methacrylate	9.676	41	91748	55.737	ug/l	96
49) 1,4-Dioxane	9.694	88	35077	1228.790	ug/l #	91
51) 4-Methyl-2-Pentanone	10.447	43	605885	299.877	ug/l	99
52) Toluene	10.629	92	219828	50.120	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	134511	49.924	ug/l	96
54) cis-1,3-Dichloropropene	10.312	75	140927	49.304	ug/l	98
55) 1,1,2-Trichloroethane	11.012	97	85550	52.366	ug/l	97
56) Ethyl methacrylate	10.870	69	138242	57.909	ug/l	97
57) 1,3-Dichloropropane	11.159	76	146001	50.778	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	357062	304.919	ug/l	100
59) 2-Hexanone	11.194	43	456163	301.875	ug/l	99
60) Dibromochloromethane	11.359	129	101239	50.705	ug/l	100
61) 1,2-Dibromoethane	11.470	107	85548	50.598	ug/l	100
64) Tetrachloroethene	11.100	164	68775	44.830	ug/l	97
65) Chlorobenzene	11.888	112	235294	45.570	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	88625	48.750	ug/l	100
67) Ethyl Benzene	11.964	91	415484	49.599	ug/l	98
68) m/p-Xylenes	12.070	106	317581	99.579	ug/l	99
69) o-Xylene	12.394	106	154101	50.796	ug/l	100
70) Styrene	12.412	104	263359	52.202	ug/l	99
71) Bromoform	12.576	173	68519	50.776	ug/l #	97
73) Isopropylbenzene	12.694	105	392356	47.841	ug/l	100
74) N-amyl acetate	12.494	43	177798	52.610	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.935	83	129135	46.111	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	118889m	56.224	ug/l	
77) Bromobenzene	12.976	156	96650	43.792	ug/l	96
78) n-propylbenzene	13.035	91	452784	47.866	ug/l	99
79) 2-Chlorotoluene	13.123	91	287148	45.474	ug/l	99
80) 1,3,5-Trimethylbenzene	13.170	105	340710	49.508	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.735	75	47013	49.081	ug/l	93
82) 4-Chlorotoluene	13.217	91	286775	43.625	ug/l	99
83) tert-Butylbenzene	13.435	119	287470	48.549	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	339626	47.943	ug/l	99
85) sec-Butylbenzene	13.617	105	382841	47.862	ug/l	100
86) p-Isopropyltoluene	13.729	119	321691	48.719	ug/l	100
87) 1,3-Dichlorobenzene	13.729	146	175822	40.389	ug/l	99
88) 1,4-Dichlorobenzene	13.811	146	177138	39.875	ug/l	100
89) n-Butylbenzene	14.053	91	260916	42.490	ug/l	99
90) Hexachloroethane	14.329	117	64448	44.778	ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	180536	43.280	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	27604	50.973	ug/l	99
93) 1,2,4-Trichlorobenzene	15.388	180	89421	39.459	ug/l	100
94) Hexachlorobutadiene	15.500	225	41070	39.268	ug/l	99
95) Naphthalene	15.641	128	297179	46.043	ug/l	98
96) 1,2,3-Trichlorobenzene	15.841	180	87745	40.579	ug/l	97

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

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

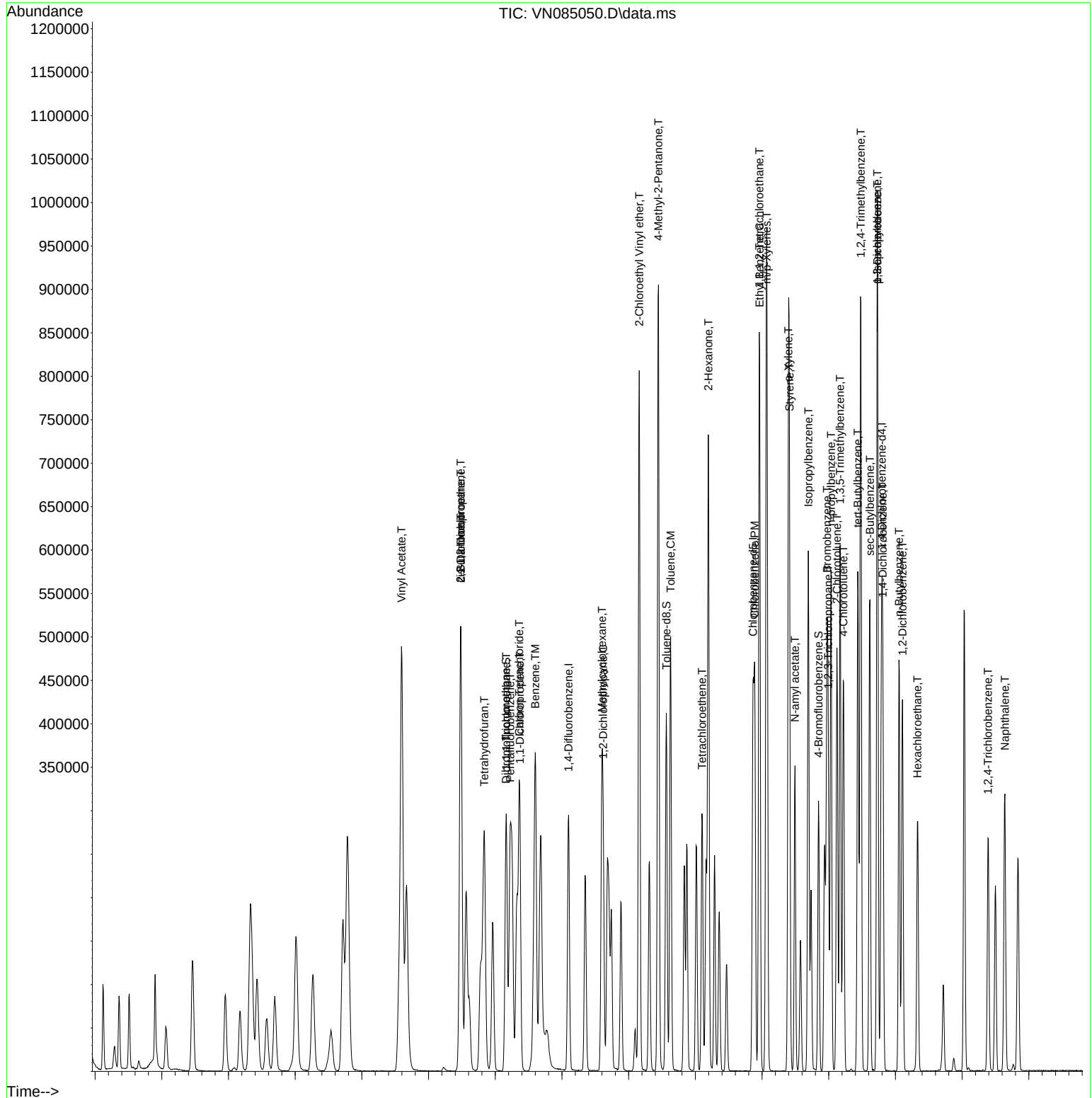
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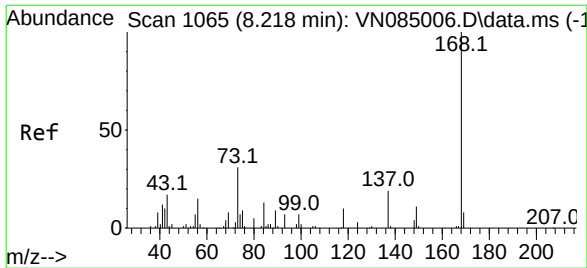
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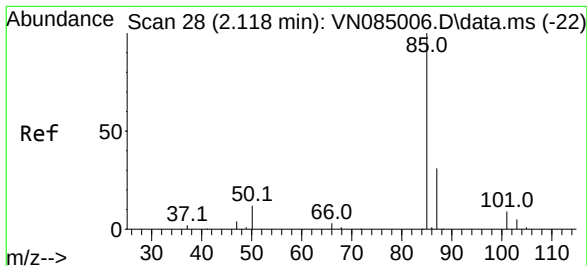
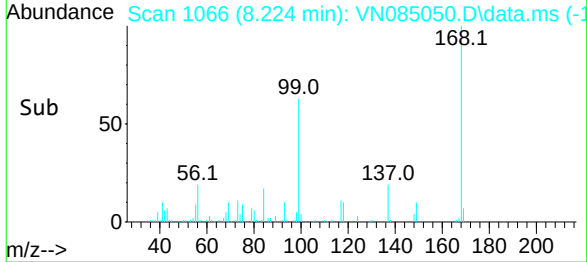
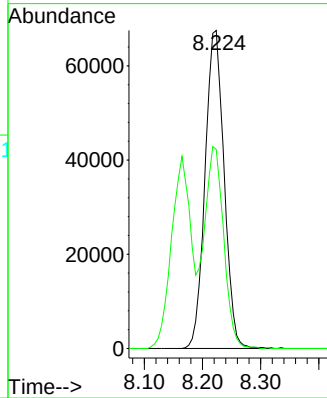
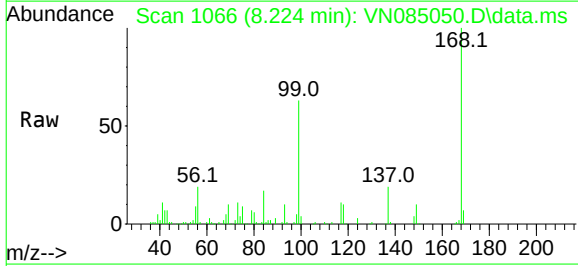
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN085050.D
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ClientSampleId :
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Tgt Ion: 168 Resp: 153430
Ion Ratio Lower Upper
168 100
99 62.6 51.2 76.8

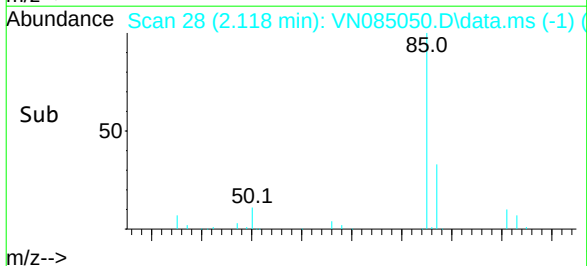
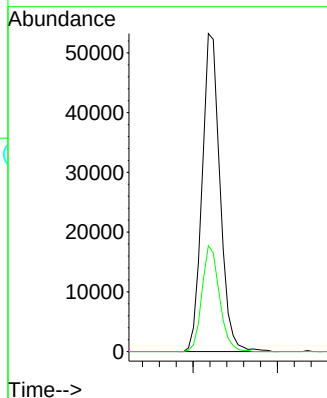
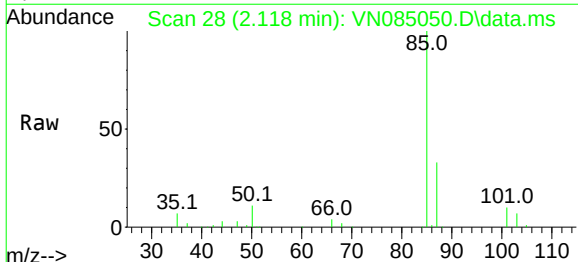
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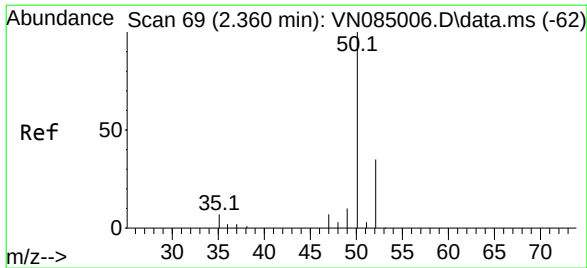
Reviewed By : John Carlone 11/27/2024
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#2
Dichlorodifluoromethane
Concen: 45.208 ug/l
RT: 2.118 min Scan# 28
Delta R.T. -0.000 min
Lab File: VN085050.D
Acq: 26 Nov 2024 18:12

Tgt Ion: 85 Resp: 78431
Ion Ratio Lower Upper
85 100
87 33.3 15.7 47.1





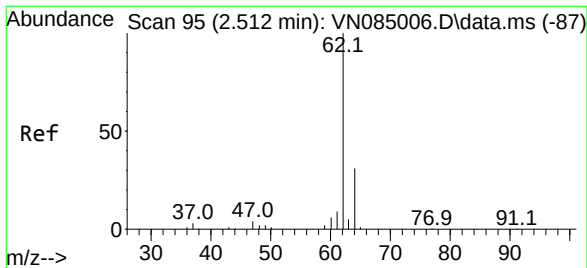
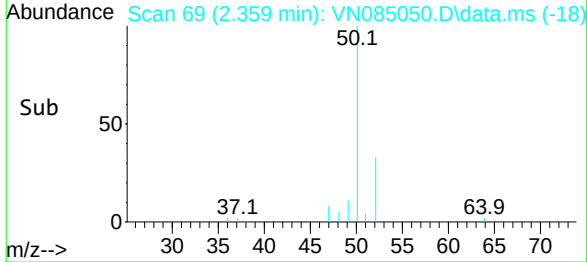
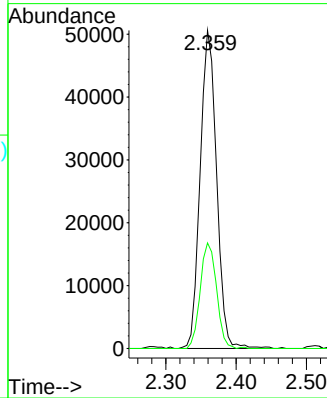
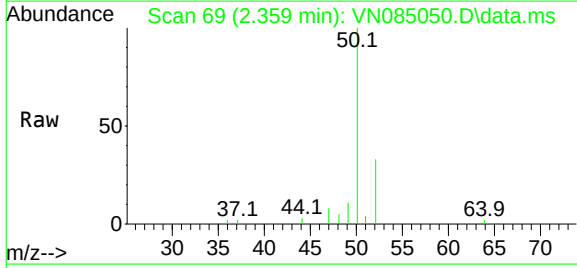
#3
Chloromethane
Concen: 40.798 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN085050.D
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Tgt Ion: 50 Resp: 82094
Ion Ratio Lower Upper
50 100
52 33.2 27.8 41.8

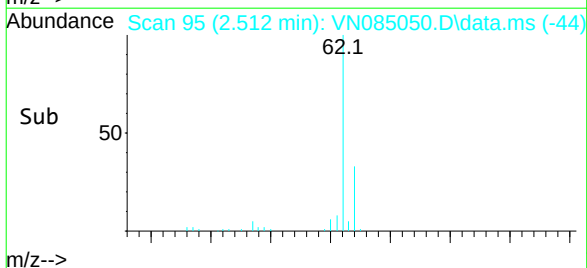
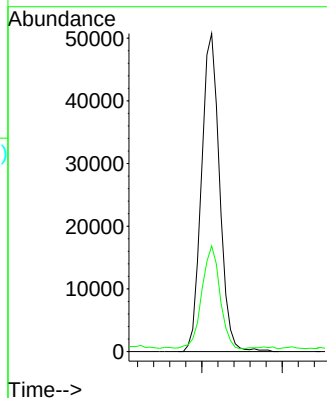
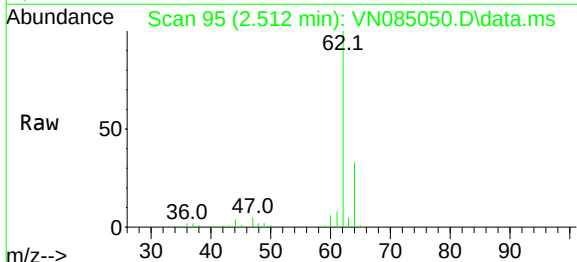
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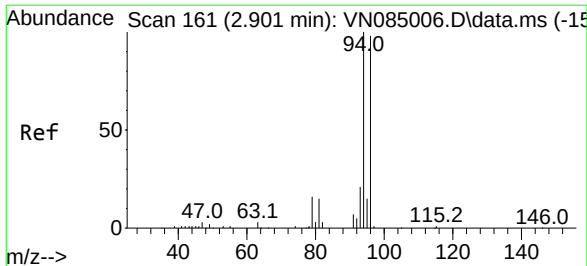
Reviewed By :John Carlone 11/27/2024
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#4
Vinyl Chloride
Concen: 43.898 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.000 min
Lab File: VN085050.D
Acq: 26 Nov 2024 18:12

Tgt Ion: 62 Resp: 79381
Ion Ratio Lower Upper
62 100
64 32.4 24.6 36.8





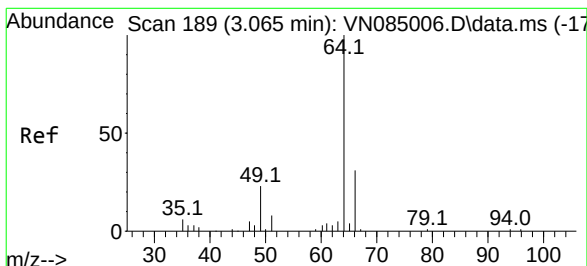
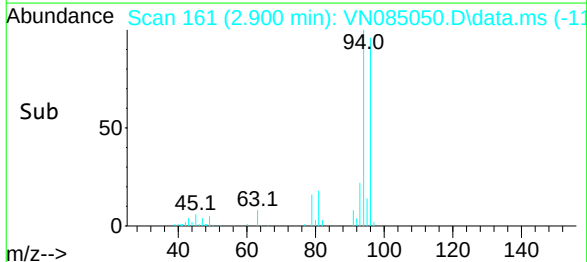
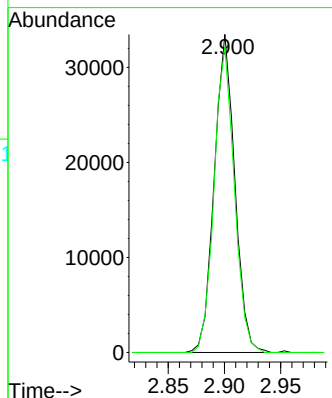
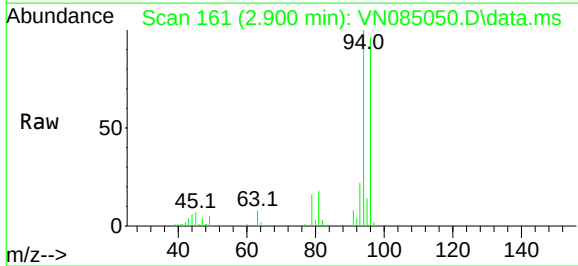
#5
Bromomethane
Concen: 41.935 ug/l
RT: 2.900 min Scan# 161
Delta R.T. -0.000 min
Lab File: VN085050.D
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Tgt Ion: 94 Resp: 42503
Ion Ratio Lower Upper
94 100
96 96.2 78.7 118.1

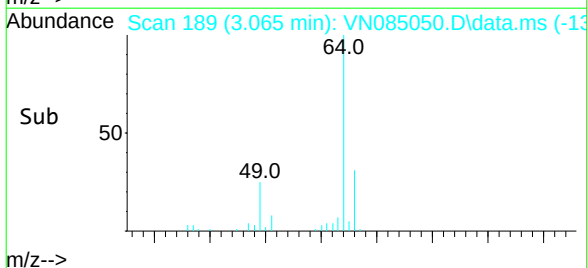
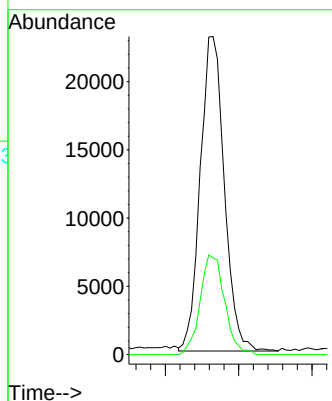
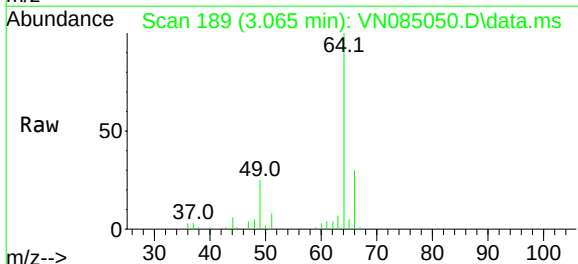
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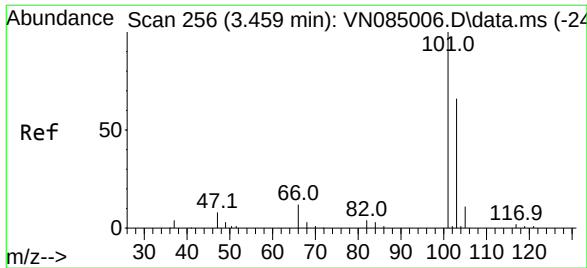
Reviewed By :John Carlone 11/27/2024
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#6
Chloroethane
Concen: 43.141 ug/l
RT: 3.065 min Scan# 189
Delta R.T. -0.000 min
Lab File: VN085050.D
Acq: 26 Nov 2024 18:12

Tgt Ion: 64 Resp: 52583
Ion Ratio Lower Upper
64 100
66 30.7 24.4 36.6





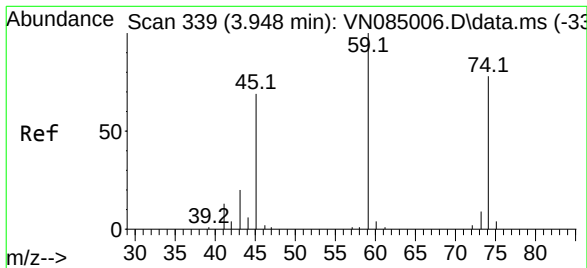
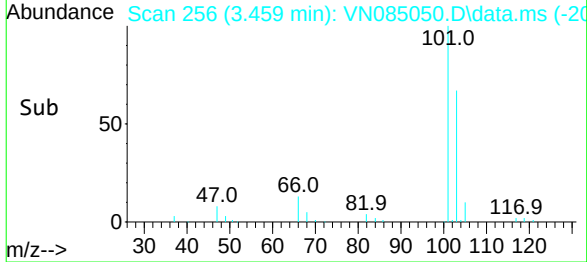
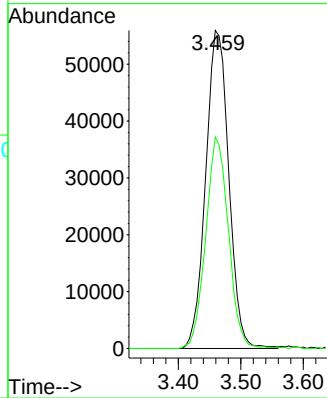
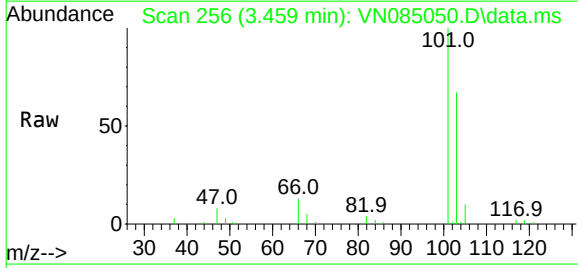
#7
 Trichlorofluoromethane
 Concen: 46.743 ug/l
 RT: 3.459 min Scan# 256
 Delta R.T. -0.000 min
 Lab File: VN085050.D
 Acq: 26 Nov 2024 18:12

Instrument :
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Tgt Ion:101 Resp: 143786
 Ion Ratio Lower Upper
 101 100
 103 66.5 52.6 78.8

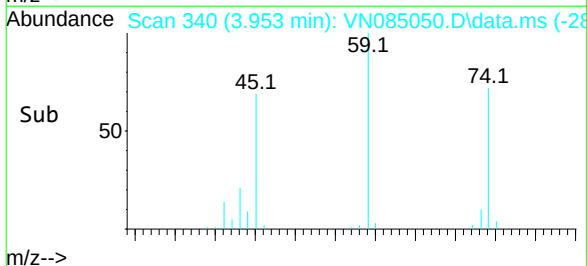
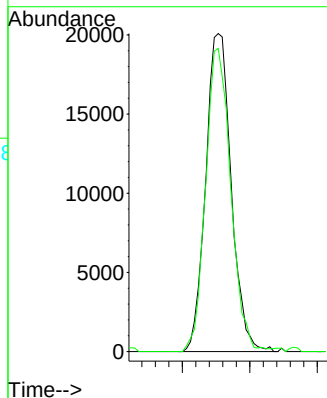
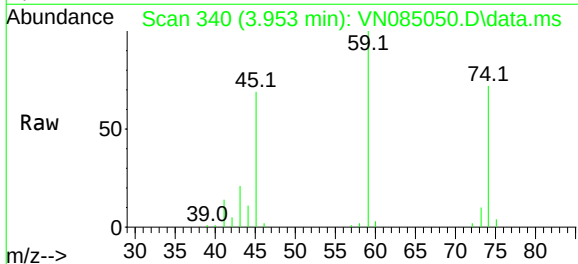
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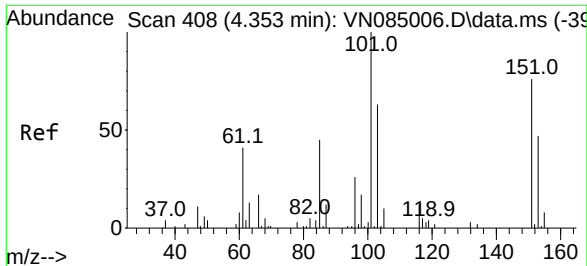
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#8
 Diethyl Ether
 Concen: 50.388 ug/l
 RT: 3.953 min Scan# 340
 Delta R.T. 0.006 min
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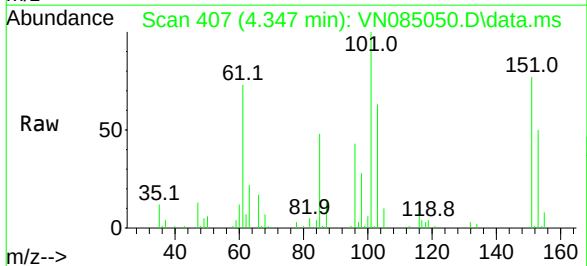
Tgt Ion: 74 Resp: 52756
 Ion Ratio Lower Upper
 74 100
 45 94.1 46.7 140.1





#9
1,1,2-Trichlorotrifluoroethane
Concen: 46.865 ug/l
RT: 4.347 min Scan# 408
Delta R.T. -0.006 min
Lab File: VN085050.D
Acq: 26 Nov 2024 18:12

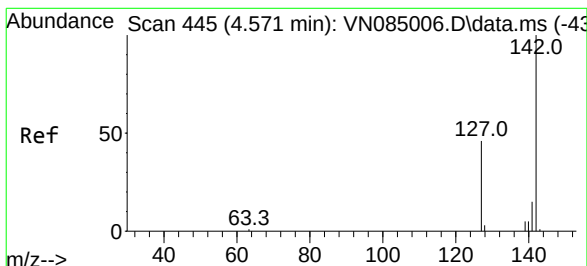
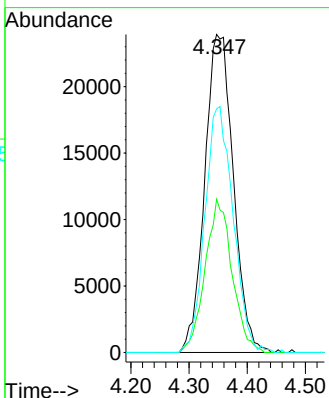
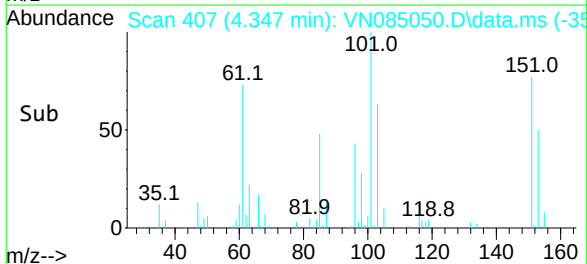
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



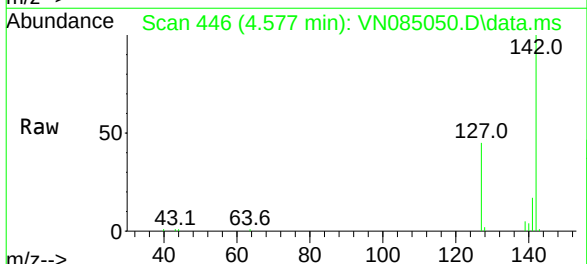
Tgt Ion:101 Resp: 81764
Ion Ratio Lower Upper
101 100
85 45.3 36.9 55.3
151 76.5 60.8 91.2

Manual Integrations
APPROVED

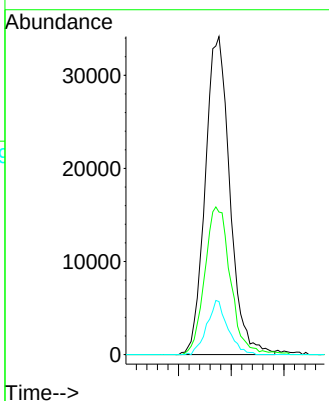
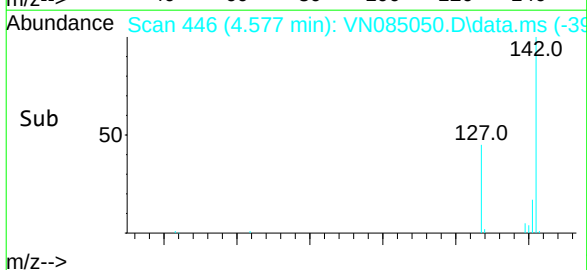
Reviewed By :John Carlone 11/27/2024
Supervised By :Mahesh Dadoda 11/27/2024

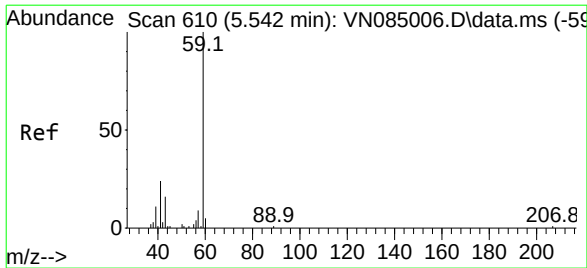


#10
Methyl Iodide
Concen: 48.128 ug/l
RT: 4.577 min Scan# 446
Delta R.T. 0.006 min
Lab File: VN085050.D
Acq: 26 Nov 2024 18:12



Tgt Ion:142 Resp: 111146
Ion Ratio Lower Upper
142 100
127 44.8 36.6 54.8
141 16.7 12.2 18.4





#11

Tert butyl alcohol

Concen: 315.304 ug/l

RT: 5.535 min Scan# 609

Delta R.T. -0.006 min

Lab File: VN085050.D

Acq: 26 Nov 2024 18:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 59 Resp: 92085

Ion Ratio Lower Upper

59 100

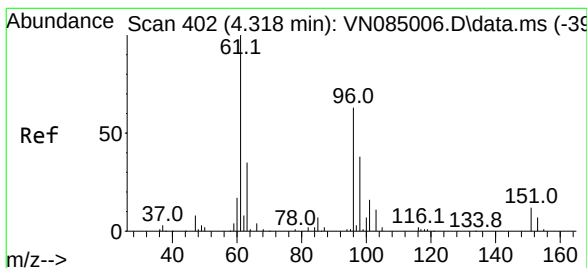
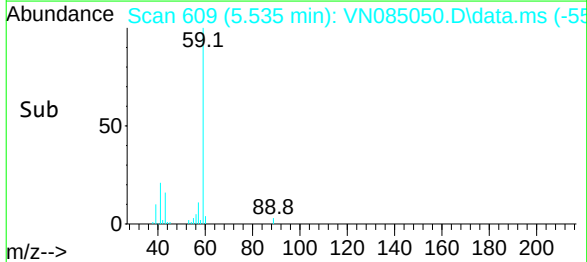
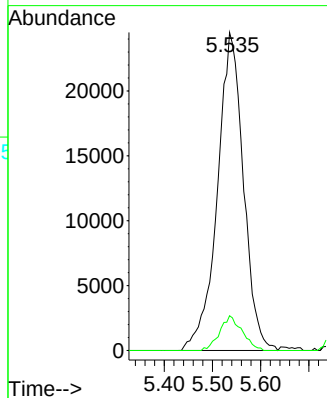
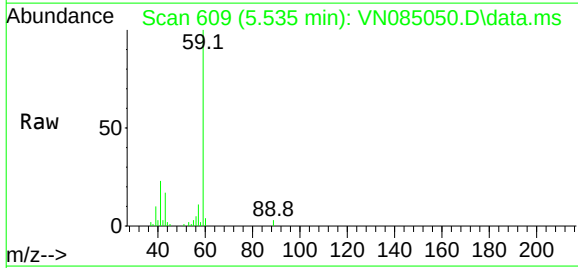
57 9.4 7.4 11.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/27/2024

Supervised By :Mahesh Dadoda 11/27/2024



#12

1,1-Dichloroethene

Concen: 47.476 ug/l

RT: 4.318 min Scan# 402

Delta R.T. -0.000 min

Lab File: VN085050.D

Acq: 26 Nov 2024 18:12

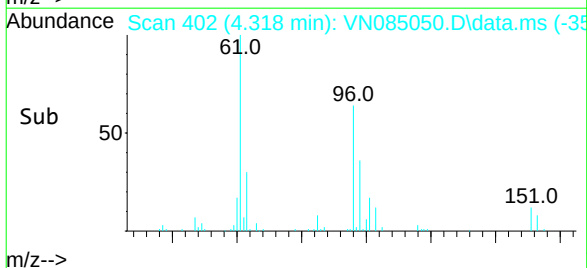
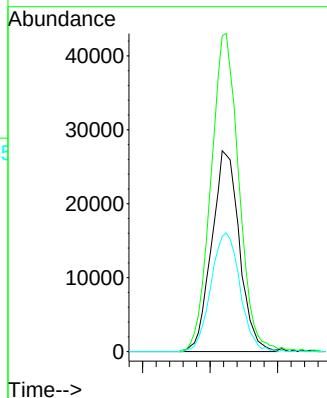
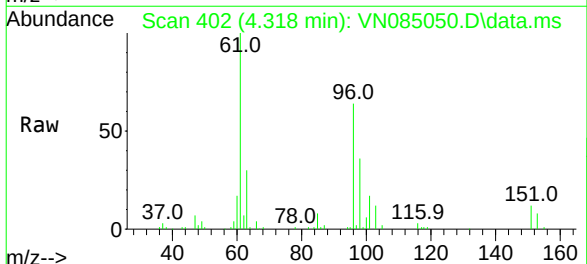
Tgt Ion: 96 Resp: 77314

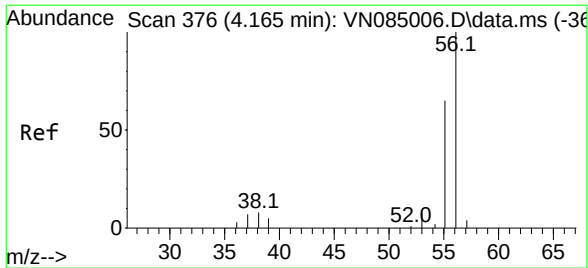
Ion Ratio Lower Upper

96 100

61 157.3 127.8 191.8

98 57.3 49.2 73.8





#13

Acrolein

Concen: 462.414 ug/l

RT: 4.171 min Scan# 37

Delta R.T. 0.006 min

Lab File: VN085050.D

Acq: 26 Nov 2024 18:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 56 Resp: 90114

Ion Ratio Lower Upper

56 100

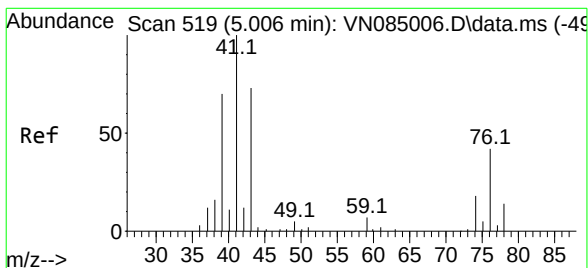
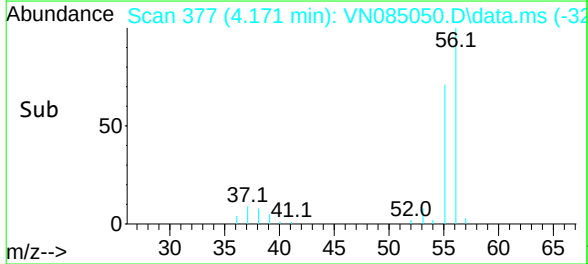
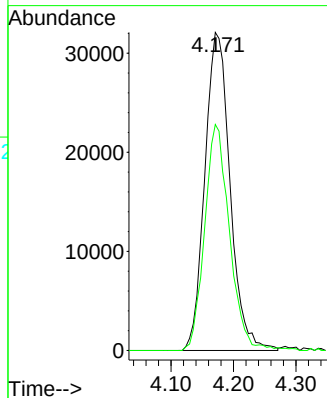
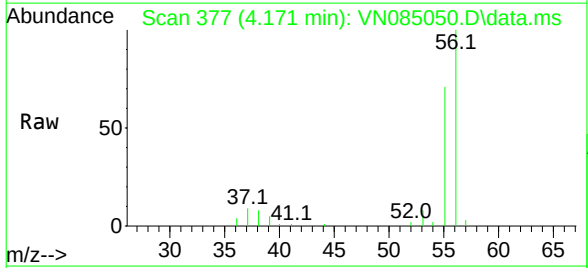
55 70.2 54.5 81.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/27/2024

Supervised By :Mahesh Dadoda 11/27/2024



#14

Allyl chloride

Concen: 48.111 ug/l

RT: 5.012 min Scan# 520

Delta R.T. 0.006 min

Lab File: VN085050.D

Acq: 26 Nov 2024 18:12

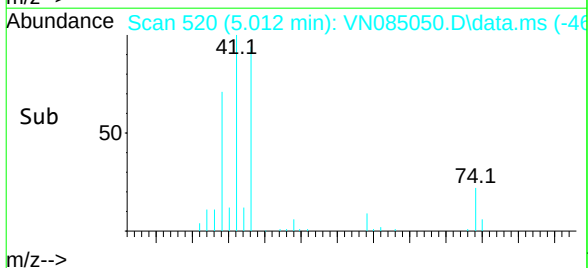
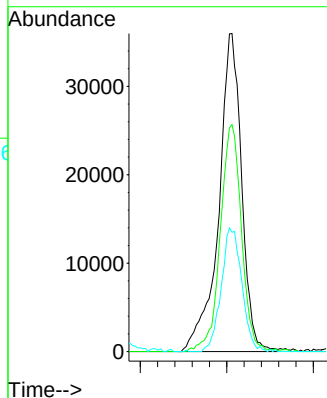
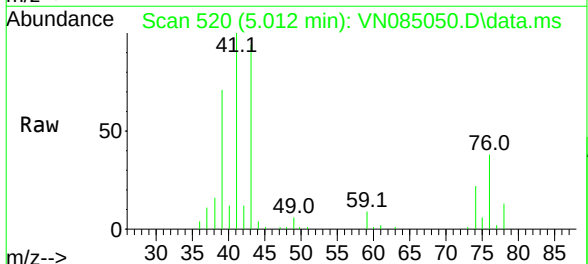
Tgt Ion: 41 Resp: 132081

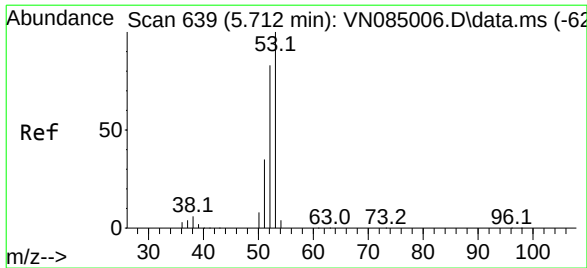
Ion Ratio Lower Upper

41 100

39 66.0 53.8 80.8

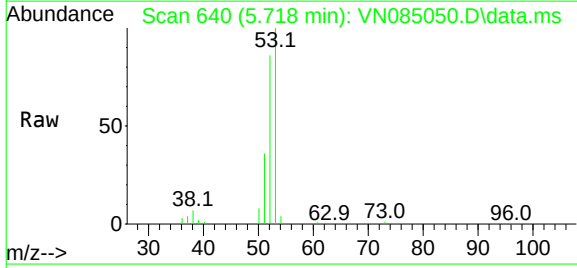
76 34.9 29.3 43.9





#15
Acrylonitrile
Concen: 271.892 ug/l
RT: 5.718 min Scan# 64
Delta R.T. 0.006 min
Lab File: VN085050.D
Acq: 26 Nov 2024 18:12

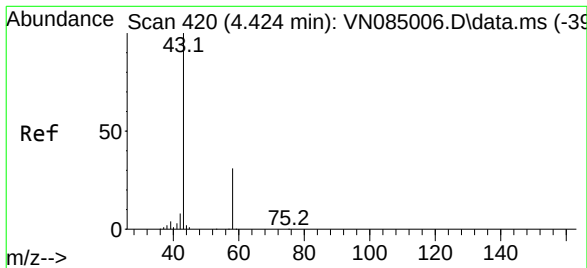
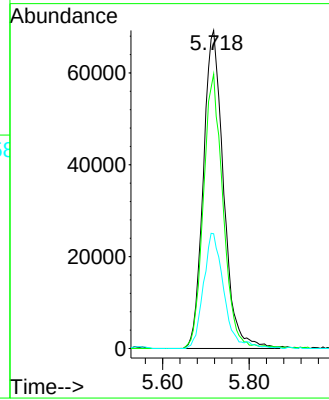
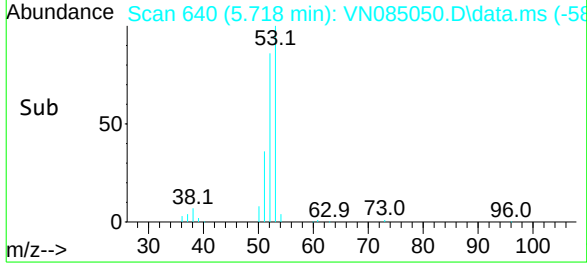
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 224812
Ion Ratio Lower Upper
53 100
52 83.1 65.5 98.3
51 36.7 28.4 42.6

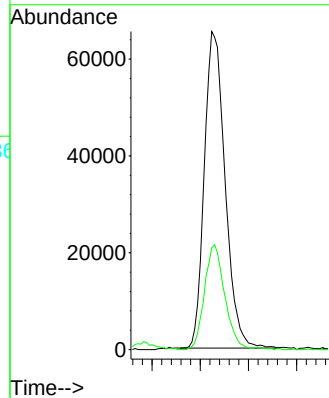
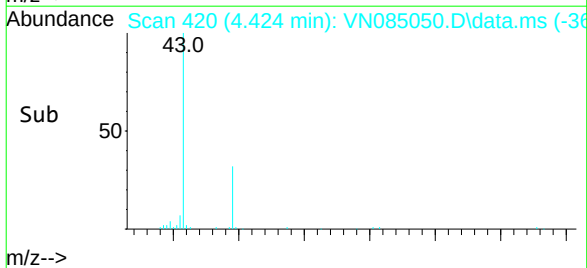
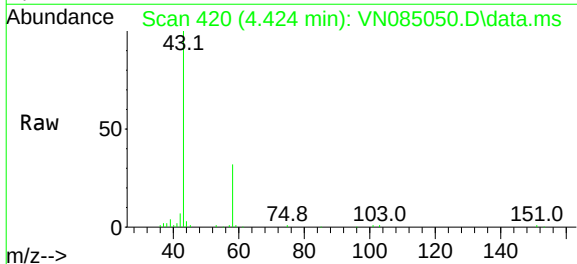
Manual Integrations
APPROVED

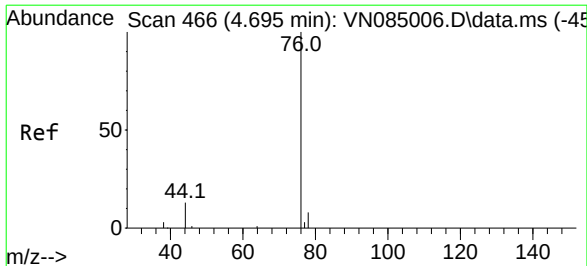
Reviewed By :John Carlone 11/27/2024
Supervised By :Mahesh Dadoda 11/27/2024



#16
Acetone
Concen: 308.090 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN085050.D
Acq: 26 Nov 2024 18:12

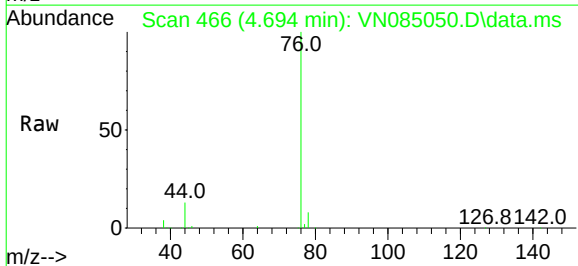
Tgt Ion: 43 Resp: 196100
Ion Ratio Lower Upper
43 100
58 32.2 25.4 38.2





#17
Carbon Disulfide
Concen: 40.363 ug/l
RT: 4.694 min Scan# 466
Delta R.T. -0.000 min
Lab File: VN085050.D
Acq: 26 Nov 2024 18:12

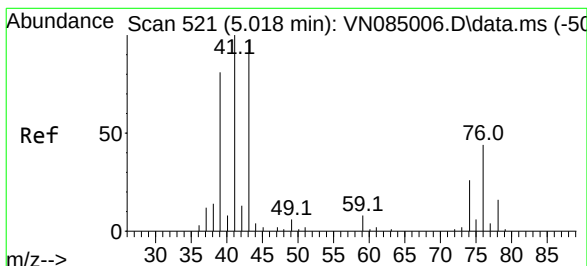
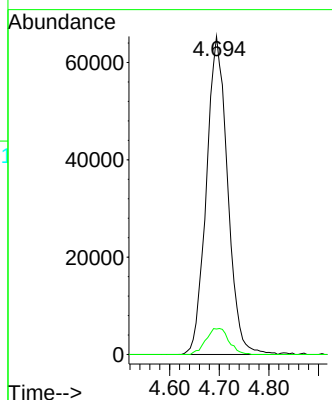
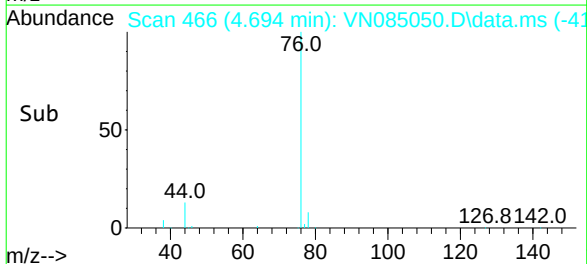
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 194013
Ion Ratio Lower Upper
76 100
78 8.0 6.5 9.7

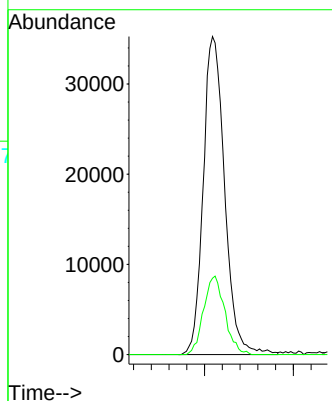
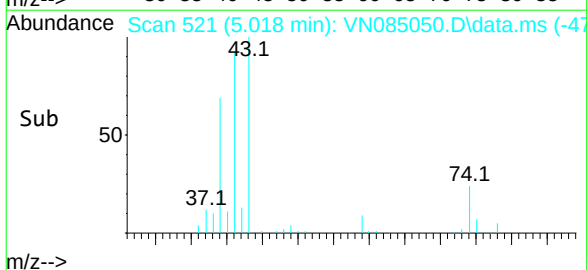
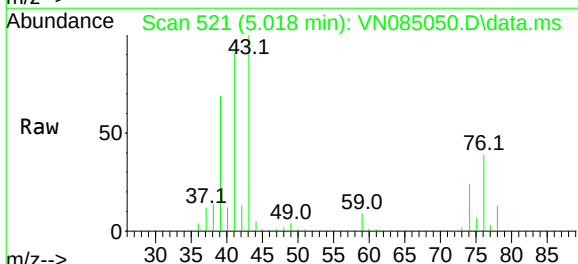
Manual Integrations
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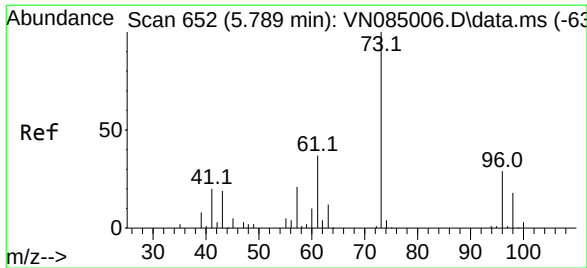
Reviewed By :John Carlone 11/27/2024
Supervised By :Mahesh Dadoda 11/27/2024



#18
Methyl Acetate
Concen: 58.248 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.000 min
Lab File: VN085050.D
Acq: 26 Nov 2024 18:12

Tgt Ion: 43 Resp: 118116
Ion Ratio Lower Upper
43 100
74 24.5 20.1 30.1





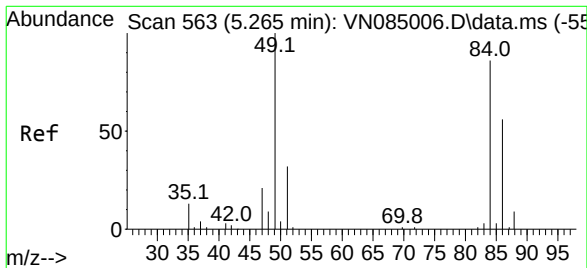
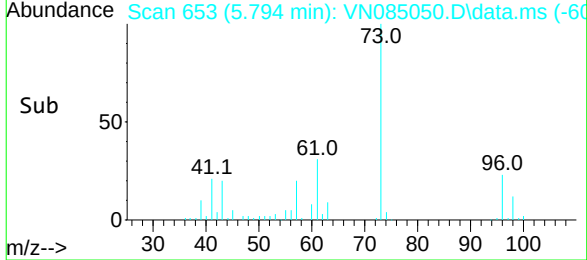
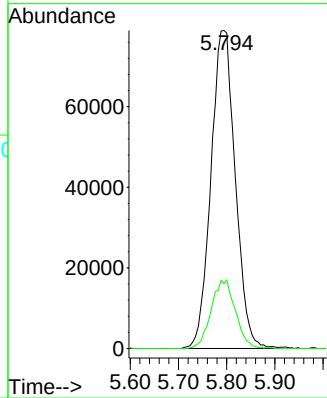
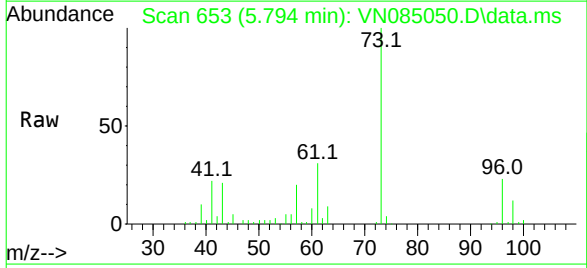
#19
Methyl tert-butyl Ether
Concen: 51.977 ug/l
RT: 5.794 min Scan# 653
Delta R.T. 0.006 min
Lab File: VN085050.D
Acq: 26 Nov 2024 18:12

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 276560
Ion Ratio Lower Upper
73 100
57 20.4 17.0 25.4

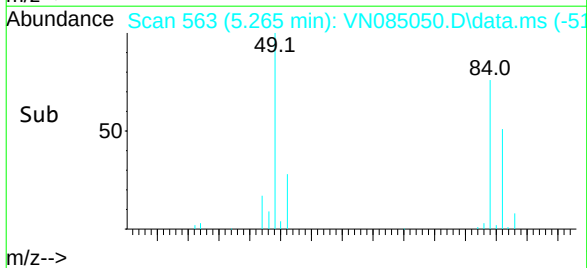
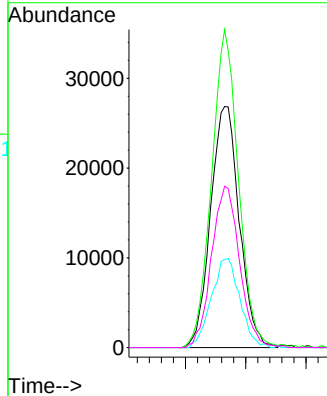
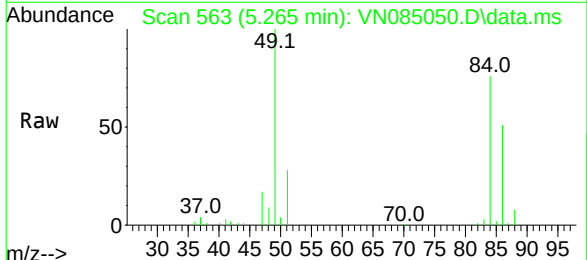
Manual Integrations
APPROVED

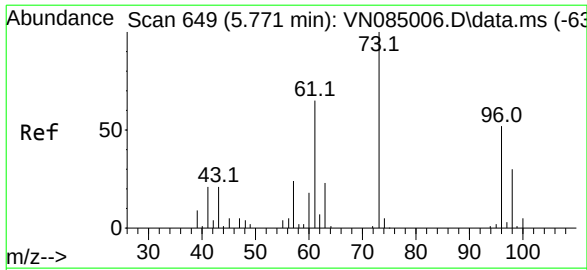
Reviewed By :John Carlone 11/27/2024
Supervised By :Mahesh Dadoda 11/27/2024



#20
Methylene Chloride
Concen: 45.850 ug/l
RT: 5.265 min Scan# 563
Delta R.T. -0.000 min
Lab File: VN085050.D
Acq: 26 Nov 2024 18:12

Tgt Ion: 84 Resp: 89054
Ion Ratio Lower Upper
84 100
49 131.9 92.7 139.1
51 36.5 29.4 44.2
86 66.9 51.9 77.9





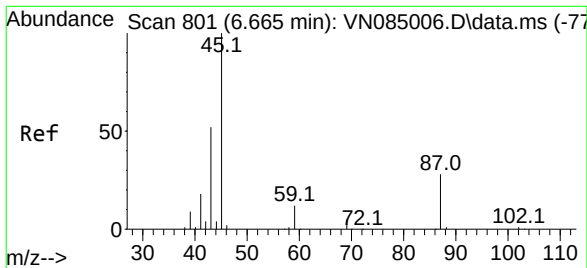
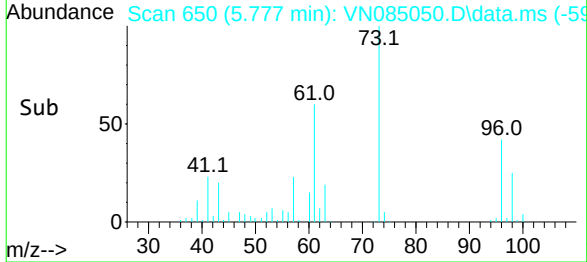
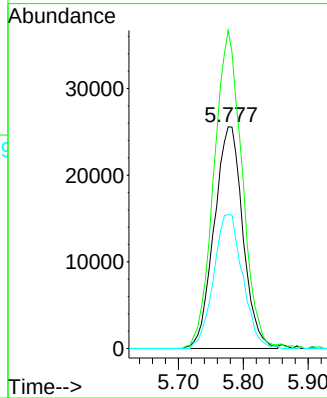
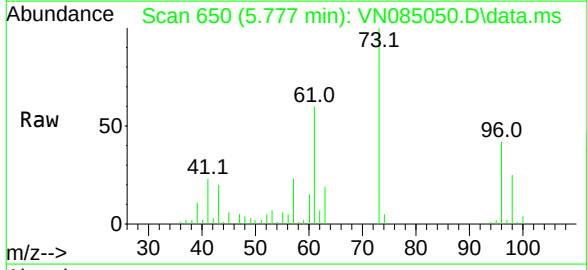
#21
trans-1,2-Dichloroethene
Concen: 45.797 ug/l
RT: 5.777 min Scan# 65
Delta R.T. 0.006 min
Lab File: VN085050.D
Acq: 26 Nov 2024 18:12

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 96 Resp: 78484
Ion Ratio Lower Upper
96 100
61 143.5 100.7 151.1
98 60.4 45.8 68.6

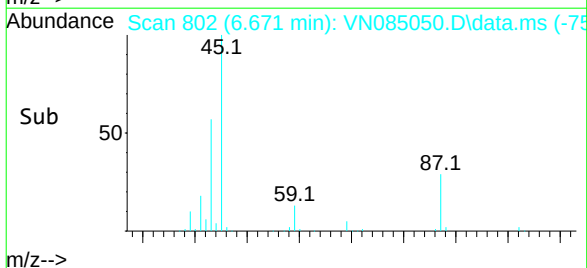
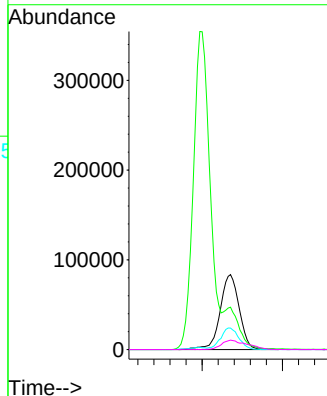
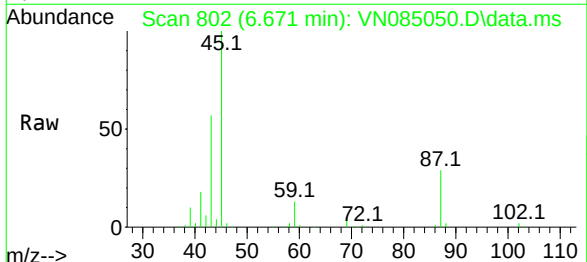
Manual Integrations
APPROVED

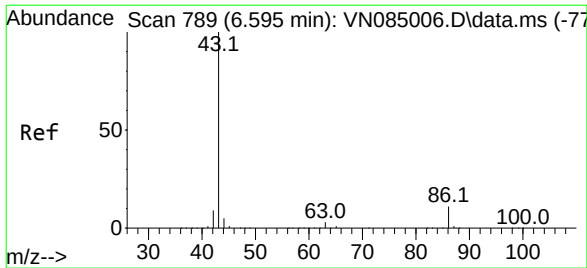
Reviewed By :John Carlone 11/27/2024
Supervised By :Mahesh Dadoda 11/27/2024



#22
Diisopropyl ether
Concen: 49.831 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.006 min
Lab File: VN085050.D
Acq: 26 Nov 2024 18:12

Tgt Ion: 45 Resp: 275336
Ion Ratio Lower Upper
45 100
43 55.6 42.7 64.1
87 28.7 22.6 34.0
59 12.6 9.9 14.9





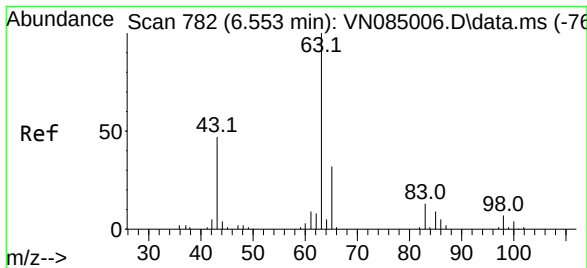
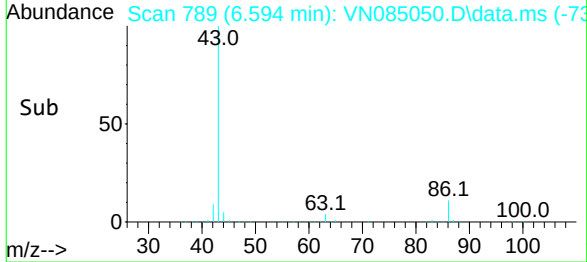
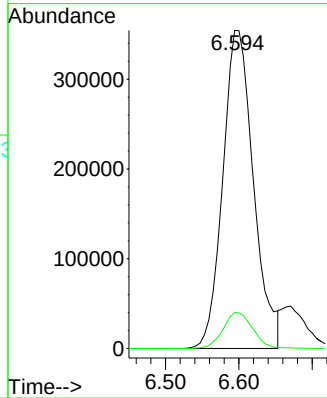
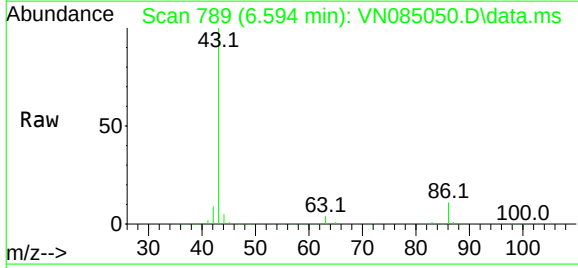
#23
 Vinyl Acetate
 Concen: 270.220 ug/l
 RT: 6.594 min Scan# 789
 Delta R.T. -0.000 min
 Lab File: VN085050.D
 Acq: 26 Nov 2024 18:12

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 1030035
 Ion Ratio Lower Upper
 43 100
 86 11.3 8.9 13.3

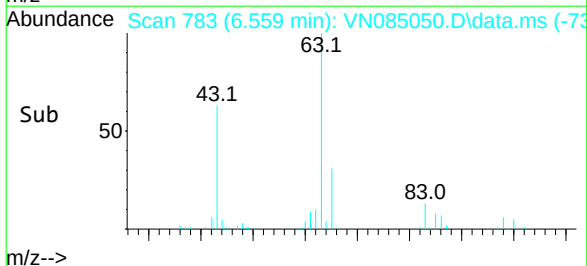
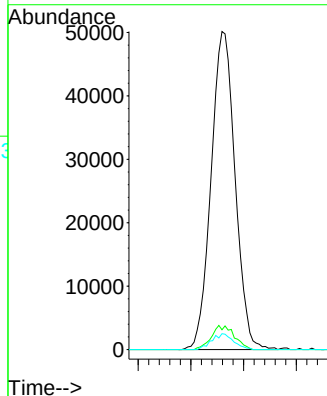
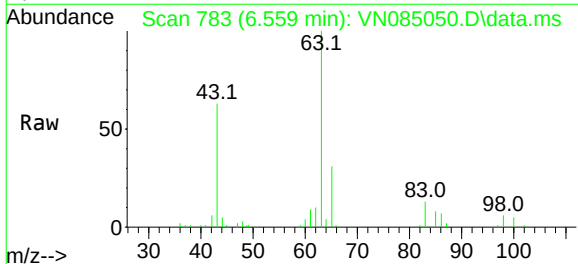
Manual Integrations
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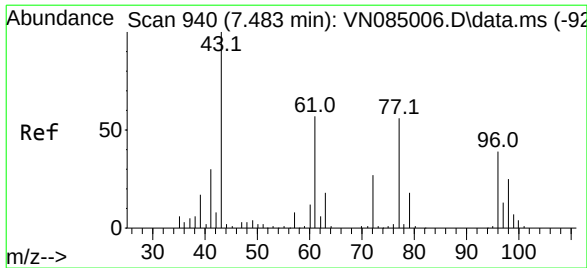
Reviewed By :John Carlone 11/27/2024
 Supervised By :Mahesh Dadoda 11/27/2024



#24
 1,1-Dichloroethane
 Concen: 48.028 ug/l
 RT: 6.559 min Scan# 783
 Delta R.T. 0.006 min
 Lab File: VN085050.D
 Acq: 26 Nov 2024 18:12

Tgt Ion: 63 Resp: 158805
 Ion Ratio Lower Upper
 63 100
 98 6.2 3.3 9.8
 100 5.0 2.2 6.6





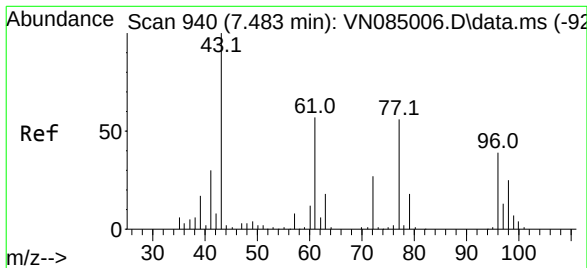
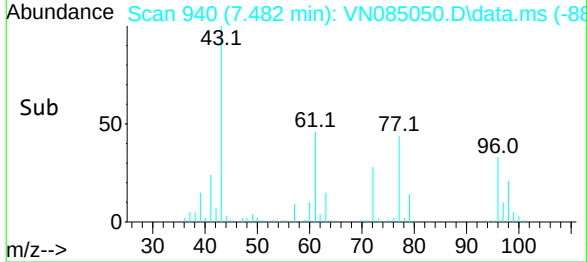
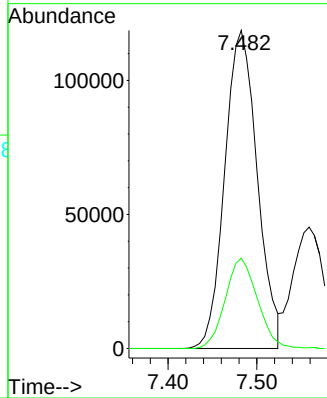
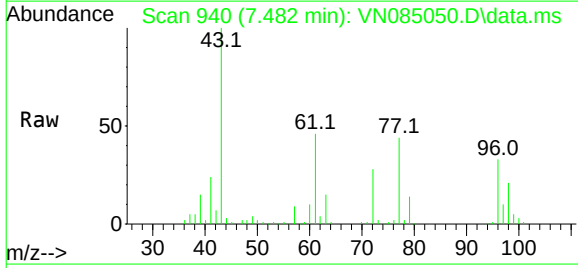
#25
2-Butanone
Concen: 290.407 ug/l
RT: 7.482 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN085050.D
Acq: 26 Nov 2024 18:12

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 302206
Ion Ratio Lower Upper
43 100
72 28.4 21.4 32.0

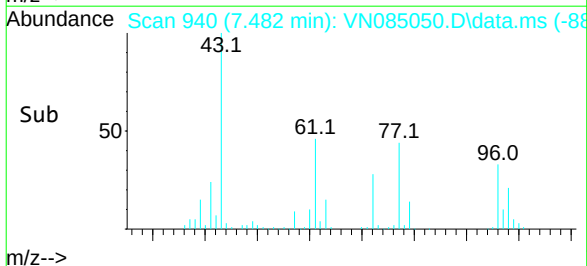
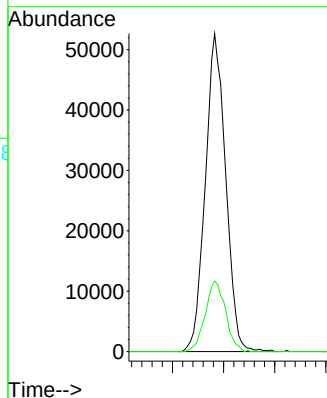
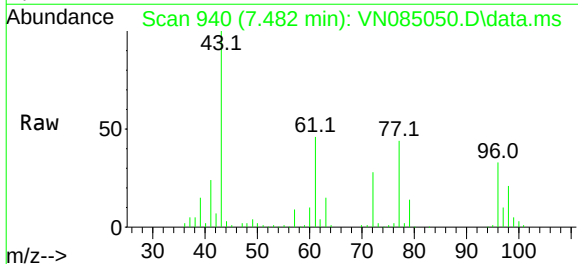
Manual Integrations
APPROVED

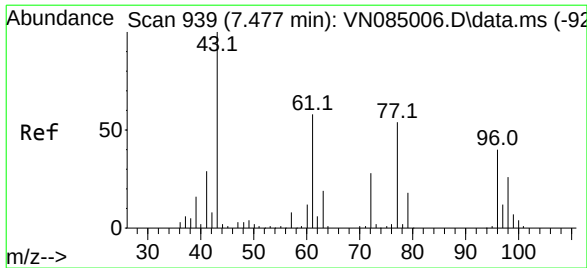
Reviewed By :John Carlone 11/27/2024
Supervised By :Mahesh Dadoda 11/27/2024



#26
2,2-Dichloropropane
Concen: 47.240 ug/l
RT: 7.482 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN085050.D
Acq: 26 Nov 2024 18:12

Tgt Ion: 77 Resp: 145854
Ion Ratio Lower Upper
77 100
97 22.1 10.9 32.7





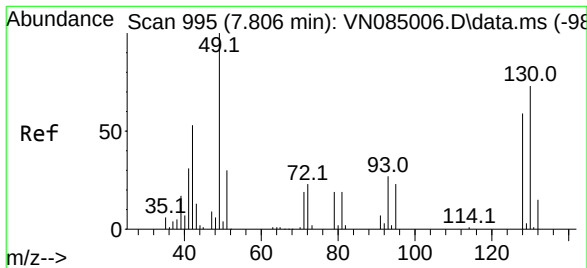
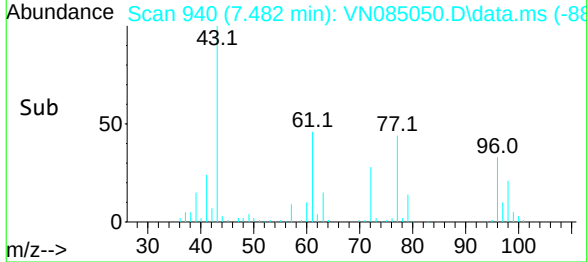
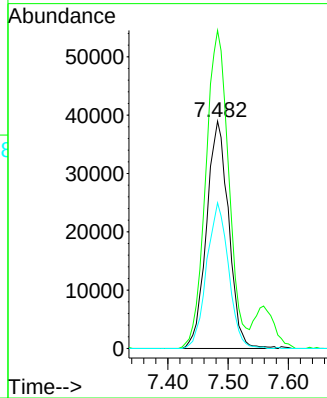
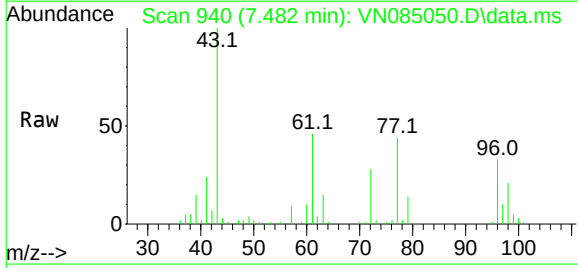
#27
 cis-1,2-Dichloroethene
 Concen: 48.079 ug/l
 RT: 7.482 min Scan# 941
 Delta R.T. 0.006 min
 Lab File: VN085050.D
 Acq: 26 Nov 2024 18:12

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 96 Resp: 99330
 Ion Ratio Lower Upper
 96 100
 61 145.9 0.0 291.6
 98 63.5 0.0 129.8

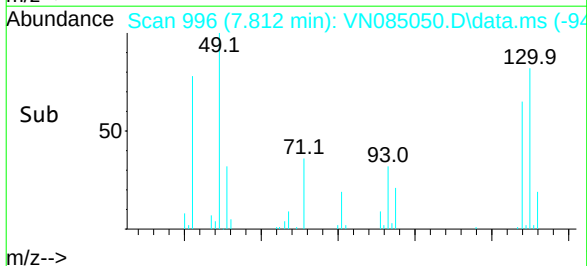
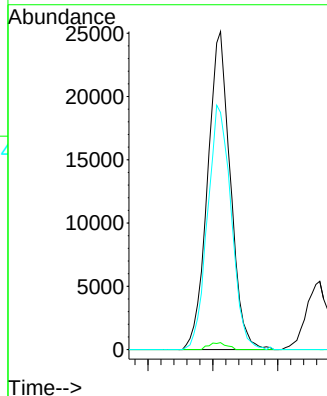
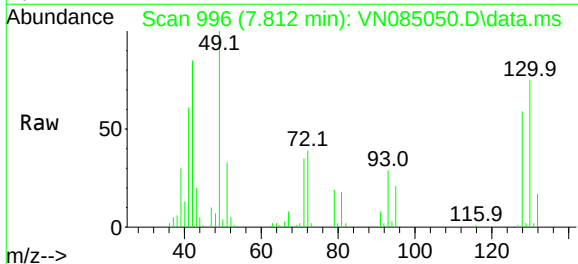
Manual Integrations
 APPROVED

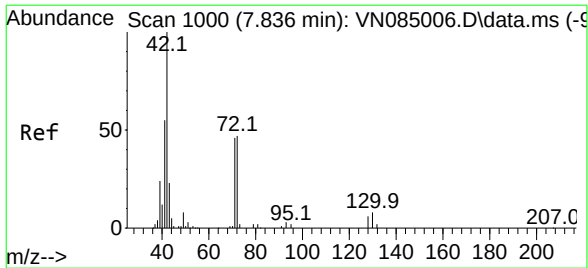
Reviewed By :John Carlone 11/27/2024
 Supervised By :Mahesh Dadoda 11/27/2024



#28
 Bromochloromethane
 Concen: 49.035 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. 0.006 min
 Lab File: VN085050.D
 Acq: 26 Nov 2024 18:12

Tgt Ion: 49 Resp: 61203
 Ion Ratio Lower Upper
 49 100
 129 1.7 0.0 4.0
 130 79.6 60.6 90.8





#29

Tetrahydrofuran

Concen: 291.291 ug/l

RT: 7.835 min Scan# 10

Delta R.T. -0.000 min

Lab File: VN085050.D

Acq: 26 Nov 2024 18:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 42 Resp: 188504

Ion Ratio Lower Upper

42 100

72 46.0 37.0 55.4

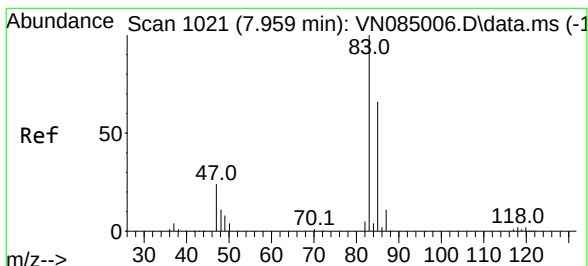
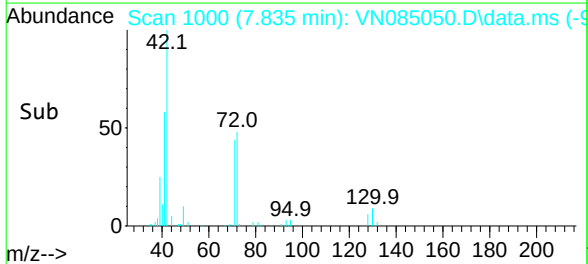
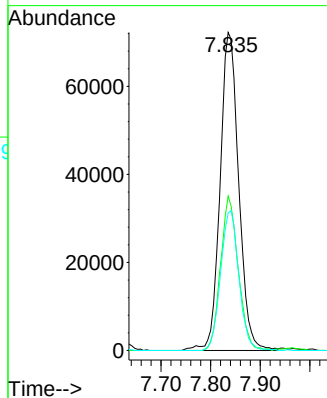
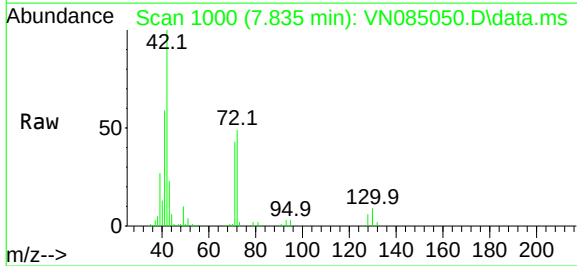
71 43.0 35.0 52.4

Manual Integrations

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Reviewed By :John Carlone 11/27/2024

Supervised By :Mahesh Dadoda 11/27/2024



#30

Chloroform

Concen: 47.208 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. 0.006 min

Lab File: VN085050.D

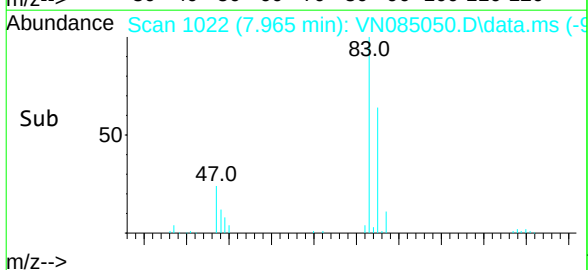
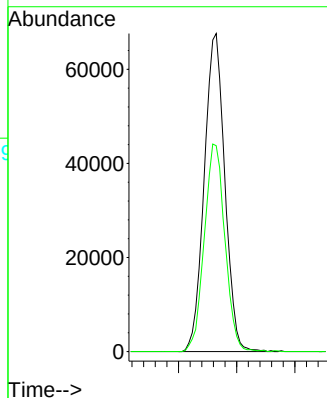
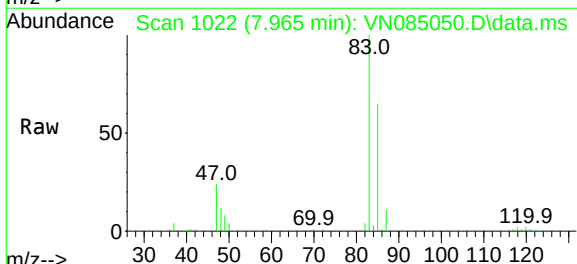
Acq: 26 Nov 2024 18:12

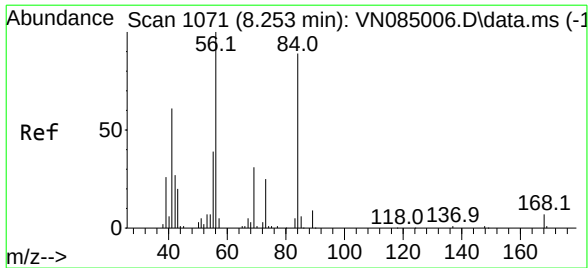
Tgt Ion: 83 Resp: 166044

Ion Ratio Lower Upper

83 100

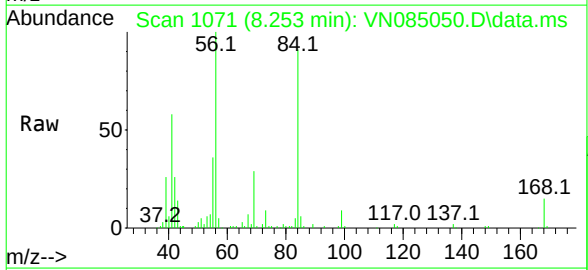
85 64.7 52.6 78.8





#31
Cyclohexane
Concen: 43.698 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. -0.000 min
Lab File: VN085050.D
Acq: 26 Nov 2024 18:12

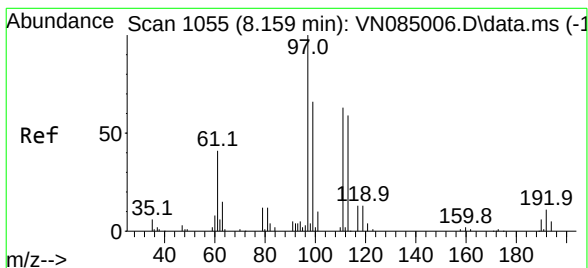
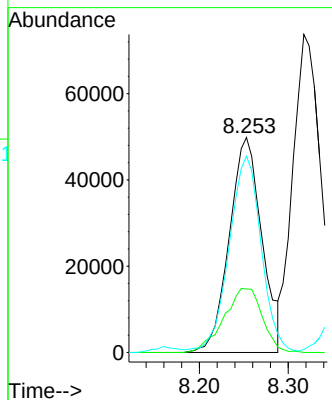
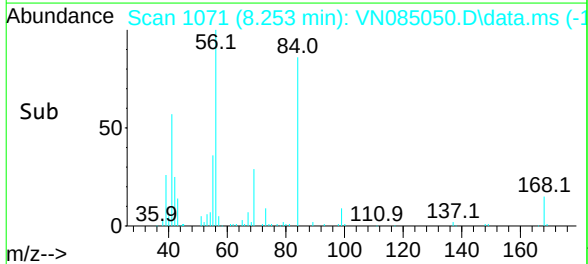
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:	56	Resp:	127216
Ion	Ratio	Lower	Upper
56	100		
69	29.5	24.6	36.8
84	89.6	71.4	107.2

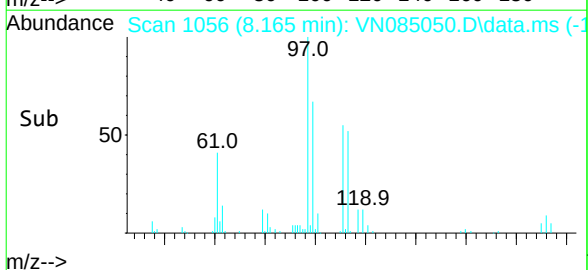
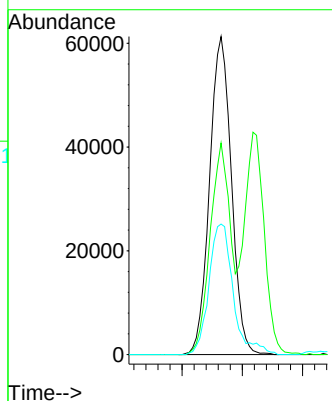
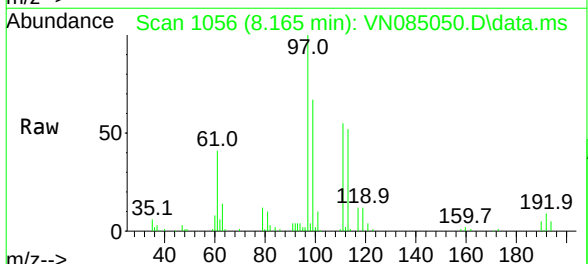
Manual Integrations
APPROVED

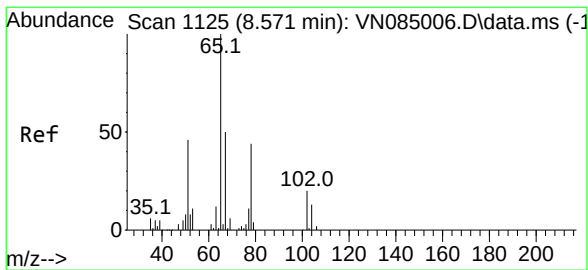
Reviewed By :John Carlone 11/27/2024
Supervised By :Mahesh Dadoda 11/27/2024



#32
1,1,1-Trichloroethane
Concen: 48.507 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN085050.D
Acq: 26 Nov 2024 18:12

Tgt Ion:	97	Resp:	154174
Ion	Ratio	Lower	Upper
97	100		
99	61.4	51.0	76.4
61	45.5	36.2	54.2





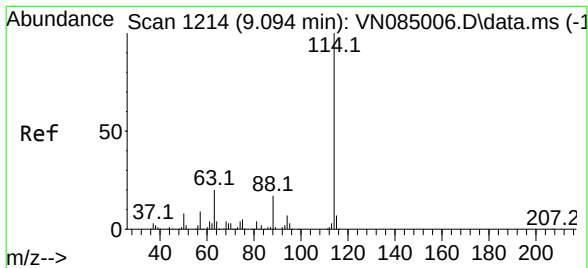
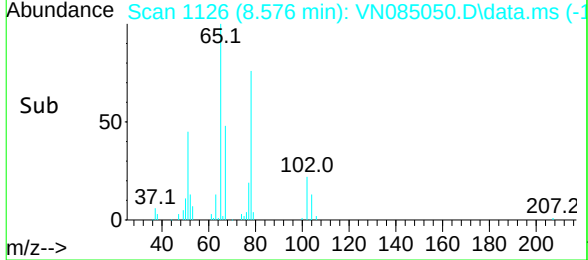
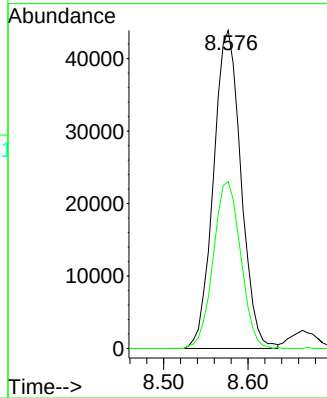
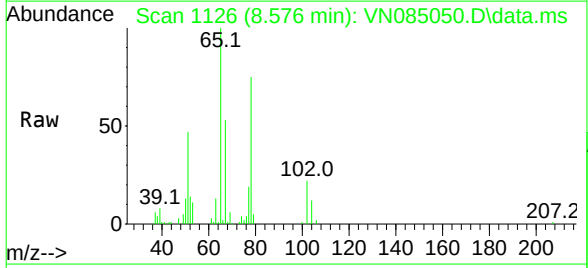
#33
1,2-Dichloroethane-d4
Concen: 45.484 ug/l
RT: 8.576 min Scan# 111
Delta R.T. 0.006 min
Lab File: VN085050.D
Acq: 26 Nov 2024 18:12

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 65 Resp: 99406
Ion Ratio Lower Upper
65 100
67 52.3 0.0 105.0

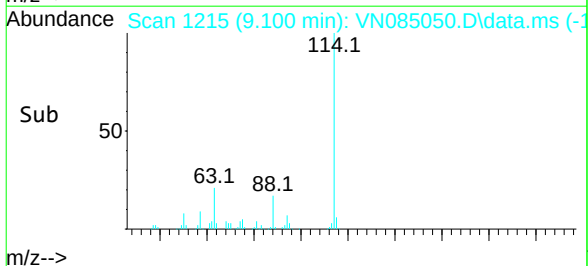
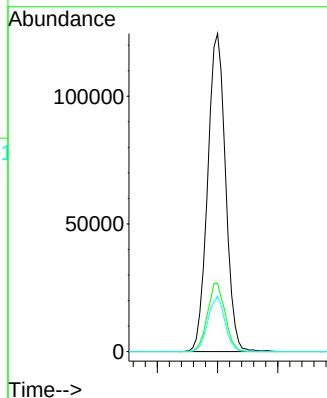
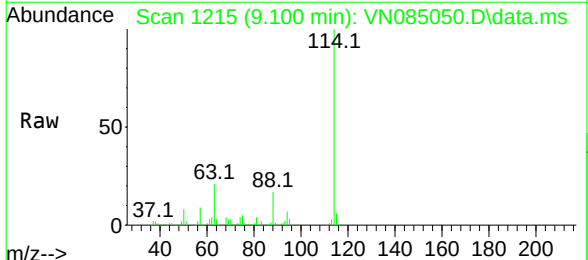
Manual Integrations
APPROVED

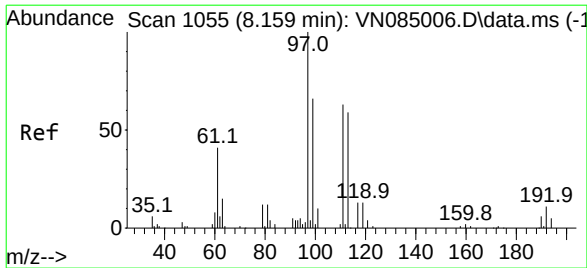
Reviewed By :John Carlone 11/27/2024
Supervised By :Mahesh Dadoda 11/27/2024



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. 0.006 min
Lab File: VN085050.D
Acq: 26 Nov 2024 18:12

Tgt Ion:114 Resp: 256451
Ion Ratio Lower Upper
114 100
63 21.4 0.0 41.0
88 17.3 0.0 34.8





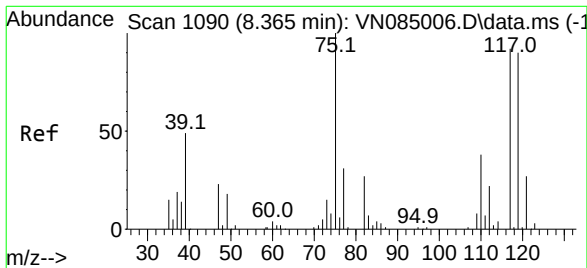
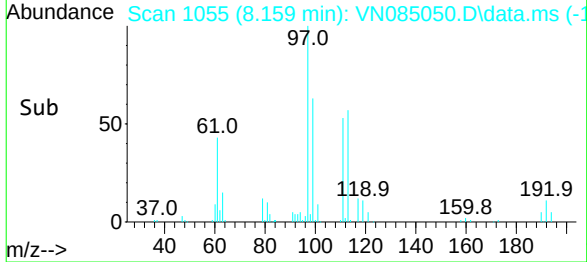
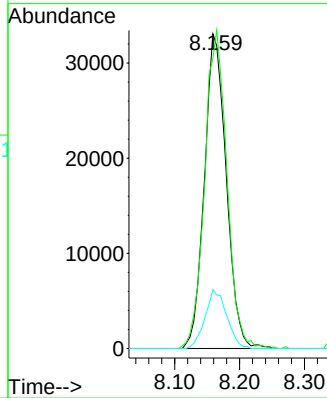
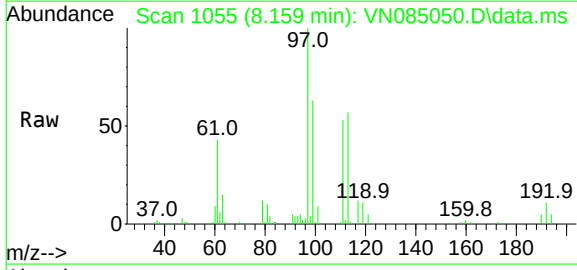
#35
Dibromofluoromethane
Concen: 44.766 ug/l
RT: 8.159 min Scan# 1055
Delta R.T. -0.000 min
Lab File: VN085050.D
Acq: 26 Nov 2024 18:12

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:	113	Resp:	77420
Ion	Ratio	Lower	Upper
113	100		
111	102.9	82.0	123.0
192	18.5	14.8	22.2

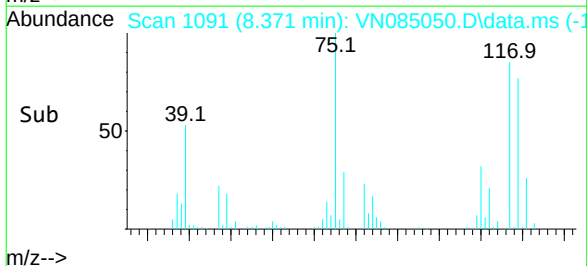
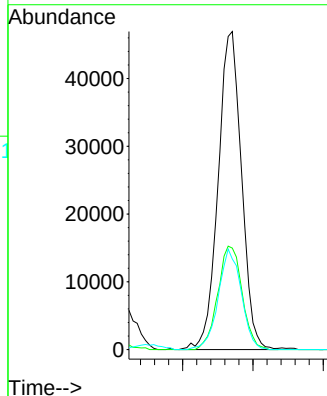
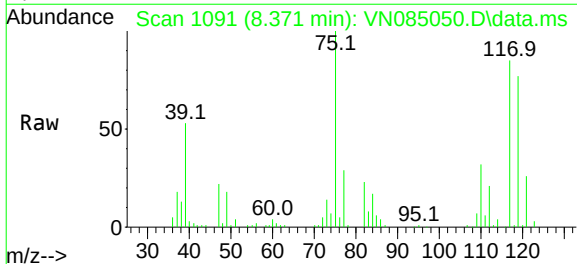
Manual Integrations
APPROVED

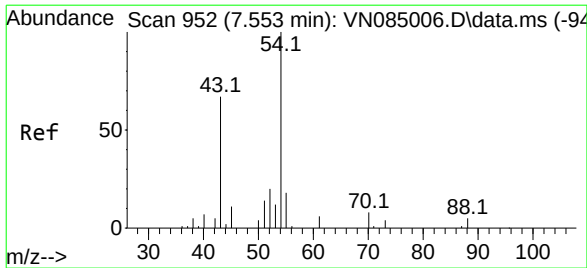
Reviewed By :John Carlone 11/27/2024
Supervised By :Mahesh Dadoda 11/27/2024



#36
1,1-Dichloropropene
Concen: 46.366 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.006 min
Lab File: VN085050.D
Acq: 26 Nov 2024 18:12

Tgt Ion:	75	Resp:	108611
Ion	Ratio	Lower	Upper
75	100		
110	33.8	17.2	51.6
77	31.0	24.2	36.4





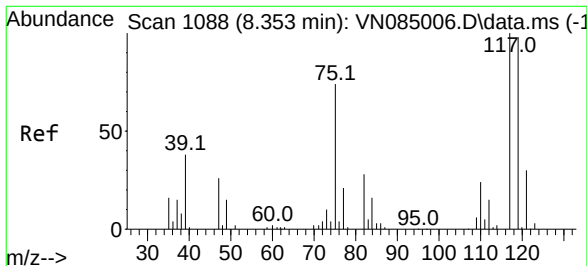
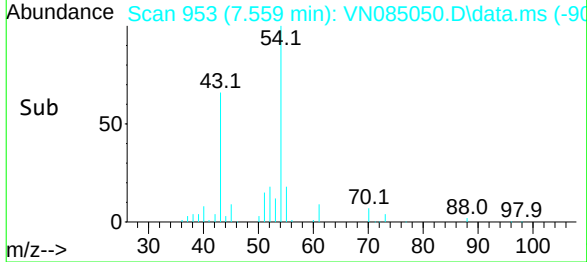
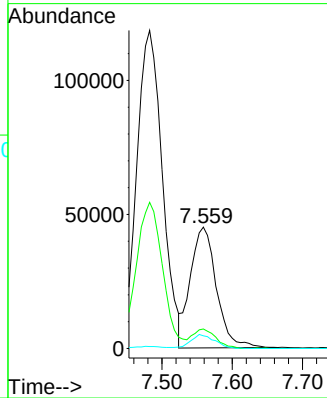
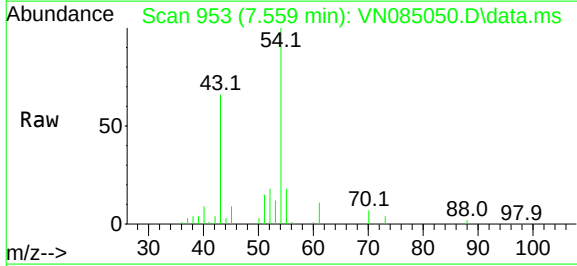
#37
Ethyl Acetate
Concen: 54.646 ug/l
RT: 7.559 min Scan# 95
Delta R.T. 0.006 min
Lab File: VN085050.D
Acq: 26 Nov 2024 18:12

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:	43	Resp:	116373
Ion	Ratio	Lower	Upper
43	100		
61	14.2	11.7	17.5
70	10.6	9.3	13.9

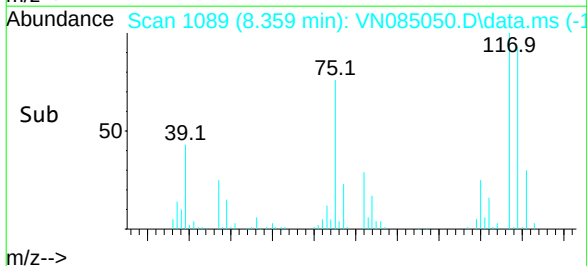
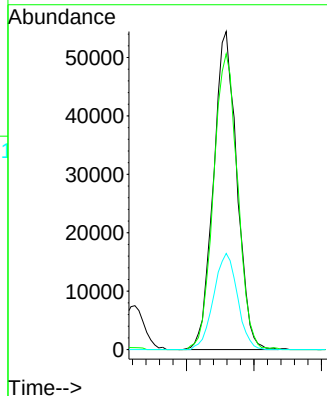
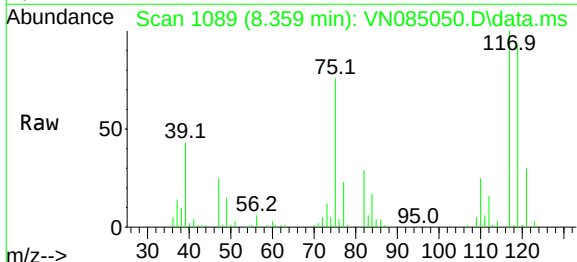
Manual Integrations
APPROVED

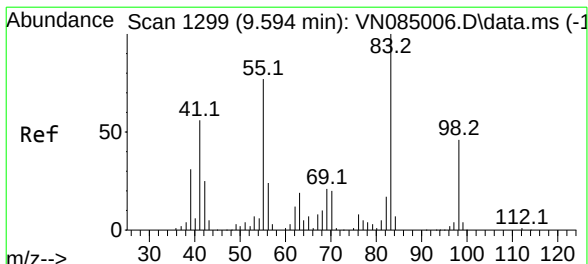
Reviewed By :John Carlone 11/27/2024
Supervised By :Mahesh Dadoda 11/27/2024



#38
Carbon Tetrachloride
Concen: 48.571 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. 0.006 min
Lab File: VN085050.D
Acq: 26 Nov 2024 18:12

Tgt Ion:	117	Resp:	131332
Ion	Ratio	Lower	Upper
117	100		
119	93.0	78.6	117.8
121	30.2	24.2	36.2





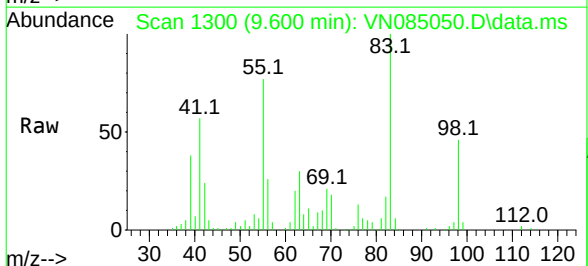
#39
Methylcyclohexane
Concen: 46.916 ug/l
RT: 9.600 min Scan# 1310
Delta R.T. 0.006 min
Lab File: VN085050.D
Acq: 26 Nov 2024 18:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

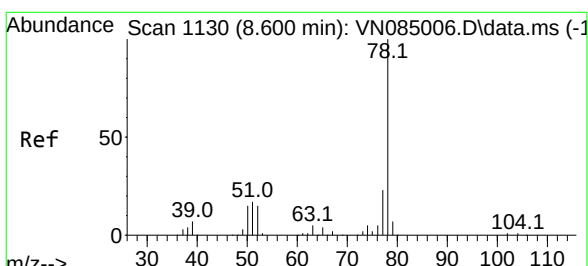
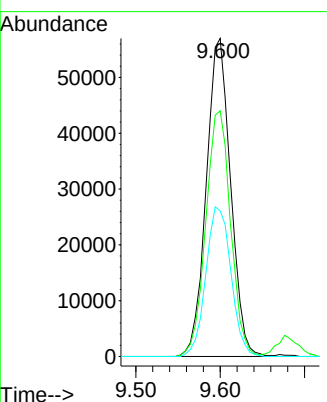
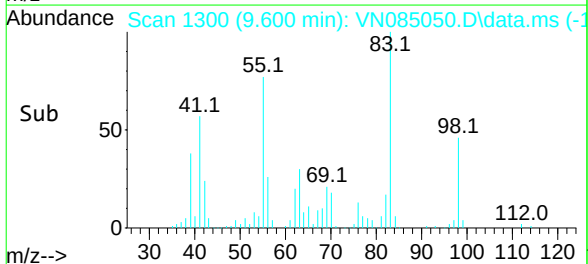


Tgt Ion: 83 Resp: 114201

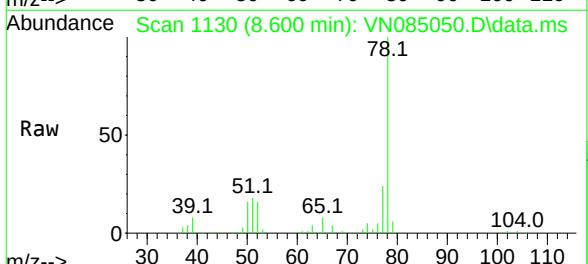
Ion	Ratio	Lower	Upper
83	100		
55	77.2	61.8	92.6
98	45.8	37.0	55.6

Manual Integrations
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Reviewed By :John Carlone 11/27/2024
Supervised By :Mahesh Dadoda 11/27/2024

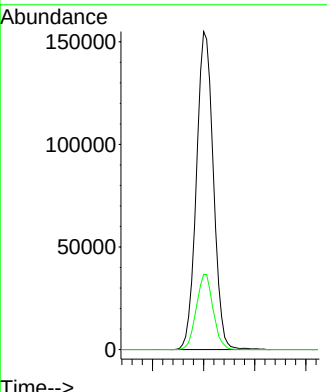
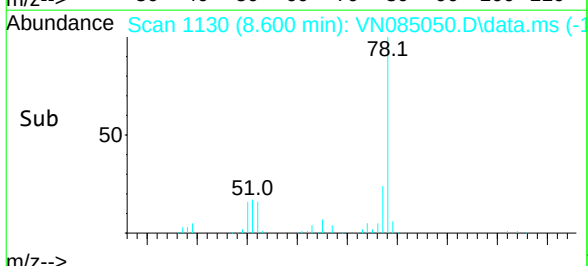


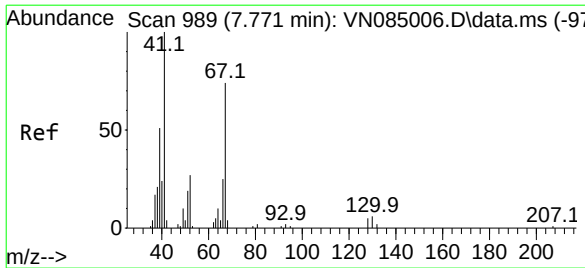
#40
Benzene
Concen: 48.130 ug/l
RT: 8.600 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VN085050.D
Acq: 26 Nov 2024 18:12



Tgt Ion: 78 Resp: 356588

Ion	Ratio	Lower	Upper
78	100		
77	23.6	18.5	27.7





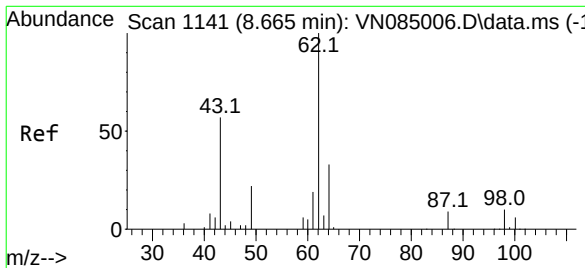
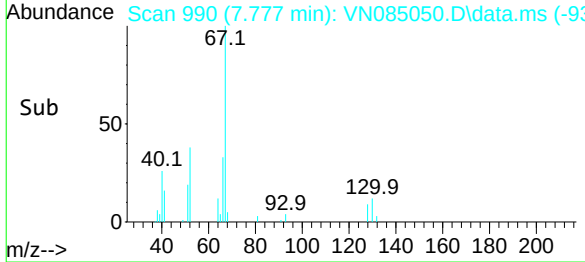
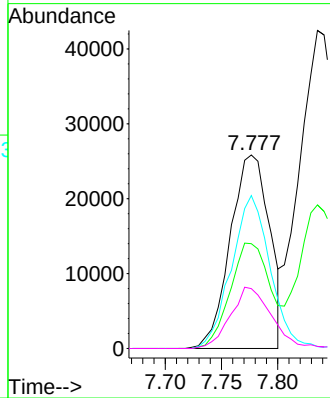
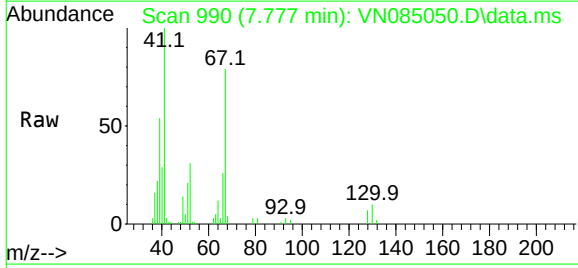
#41
Methacrylonitrile
Concen: 53.226 ug/l
RT: 7.777 min Scan# 99
Delta R.T. 0.006 min
Lab File: VN085050.D
Acq: 26 Nov 2024 18:12

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:	41	Resp:	62758
Ion	Ratio	Lower	Upper
41	100		
39	57.2	42.6	63.8
67	78.4	59.9	89.9
52	33.3	24.8	37.2

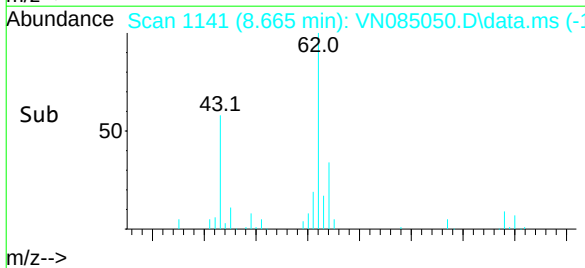
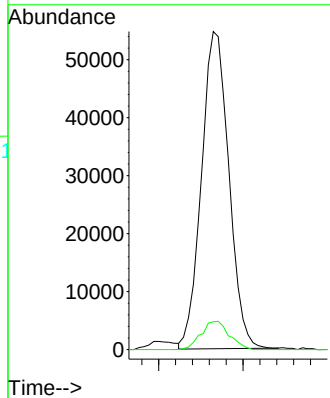
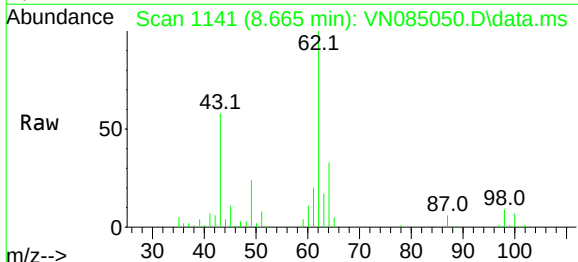
Manual Integrations
APPROVED

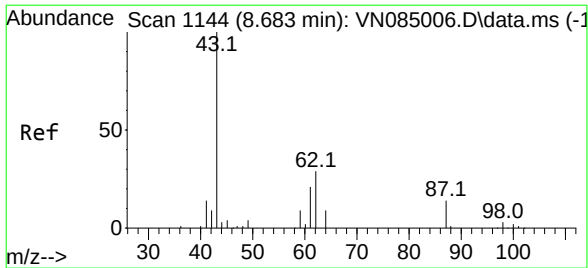
Reviewed By :John Carlone 11/27/2024
Supervised By :Mahesh Dadoda 11/27/2024



#42
1,2-Dichloroethane
Concen: 48.696 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. -0.000 min
Lab File: VN085050.D
Acq: 26 Nov 2024 18:12

Tgt Ion:	62	Resp:	123426
Ion	Ratio	Lower	Upper
62	100		
98	9.2	0.0	18.2





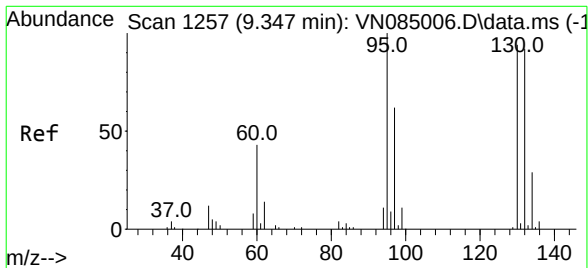
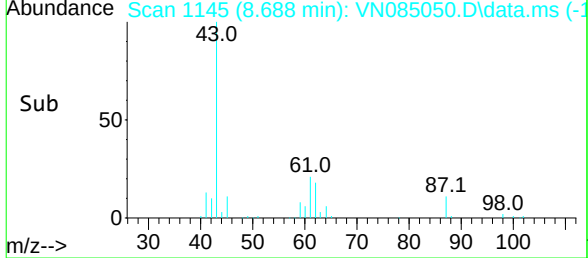
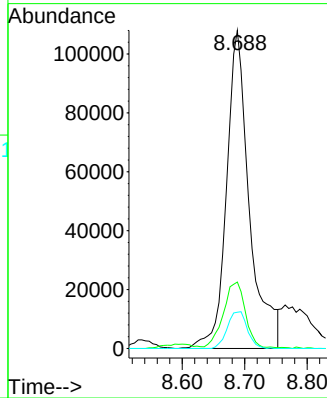
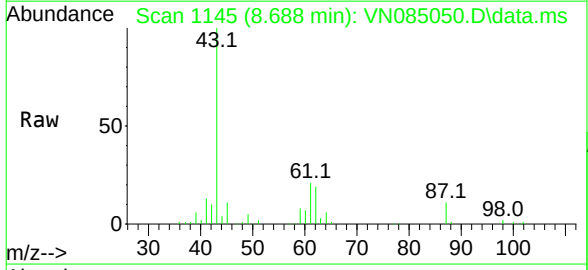
#43
Isopropyl Acetate
Concen: 62.355 ug/l
RT: 8.688 min Scan# 1144
Delta R.T. 0.006 min
Lab File: VN085050.D
Acq: 26 Nov 2024 18:12

Instrument : MSVOA_N
ClientSampleId : VSTDCCC050EC

Tgt Ion: 43 Resp: 275827
Ion Ratio Lower Upper
43 100
61 19.8 20.6 30.8#
87 10.1 11.0 16.4#

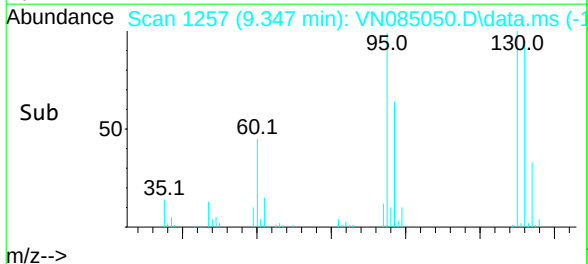
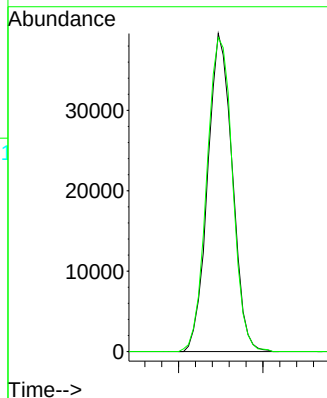
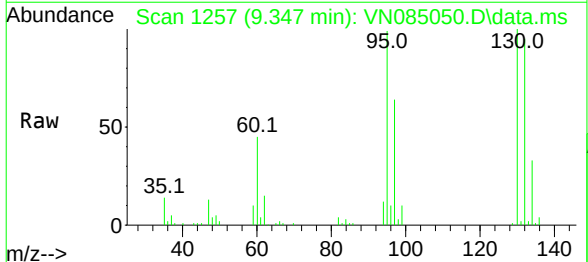
Manual Integrations
APPROVED

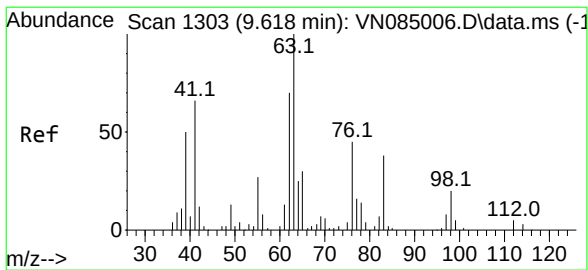
Reviewed By :John Carlone 11/27/2024
Supervised By :Mahesh Dadoda 11/27/2024



#44
Trichloroethene
Concen: 46.688 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. -0.000 min
Lab File: VN085050.D
Acq: 26 Nov 2024 18:12

Tgt Ion:130 Resp: 80386
Ion Ratio Lower Upper
130 100
95 98.7 0.0 213.4





#45

1,2-Dichloropropane

Concen: 47.681 ug/l

RT: 9.618 min Scan# 13

Delta R.T. -0.000 min

Lab File: VN085050.D

Acq: 26 Nov 2024 18:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 87009

Ion Ratio Lower Upper

63 100

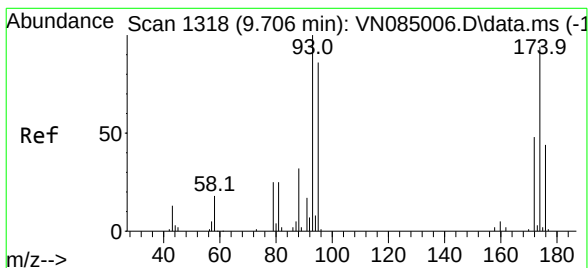
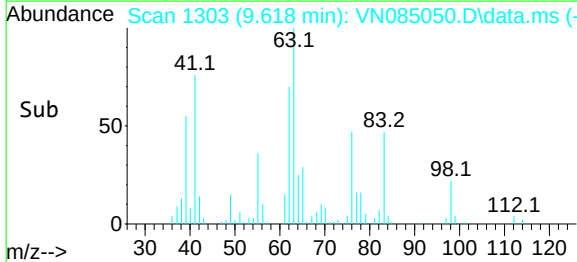
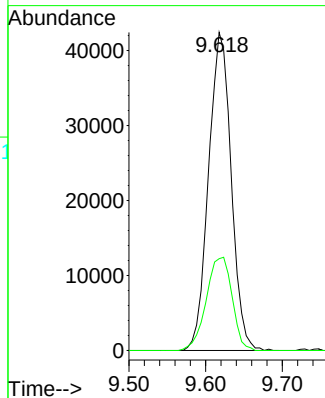
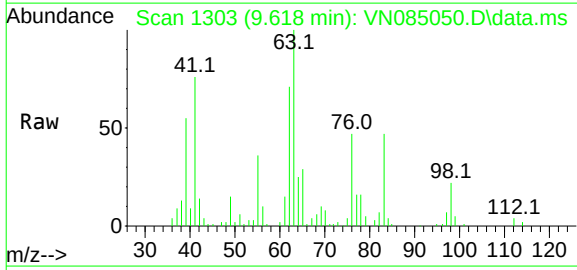
65 28.9 24.0 36.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/27/2024

Supervised By :Mahesh Dadoda 11/27/2024



#46

Dibromomethane

Concen: 49.056 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. -0.000 min

Lab File: VN085050.D

Acq: 26 Nov 2024 18:12

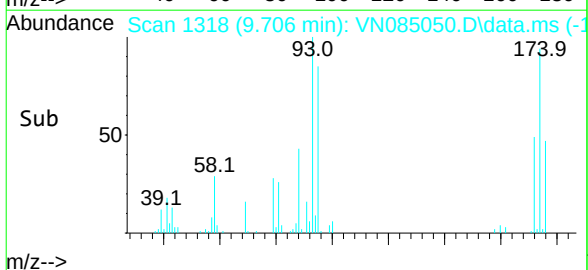
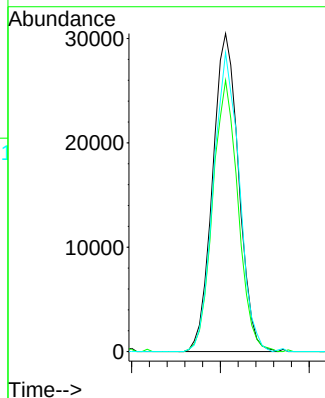
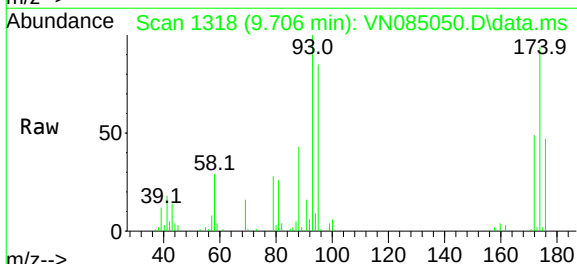
Tgt Ion: 93 Resp: 62202

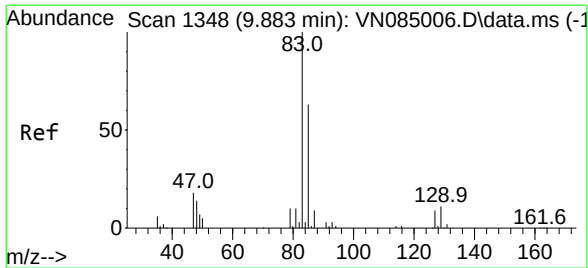
Ion Ratio Lower Upper

93 100

95 82.6 66.2 99.4

174 93.1 74.9 112.3





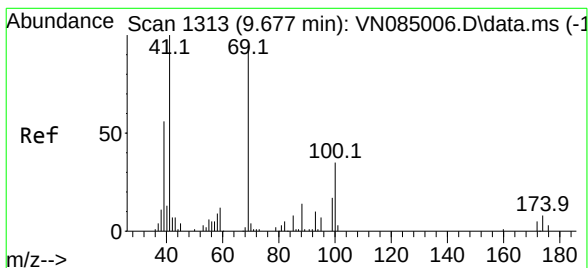
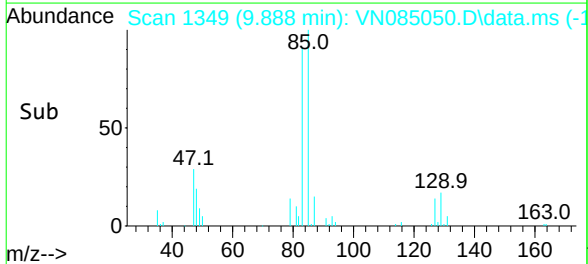
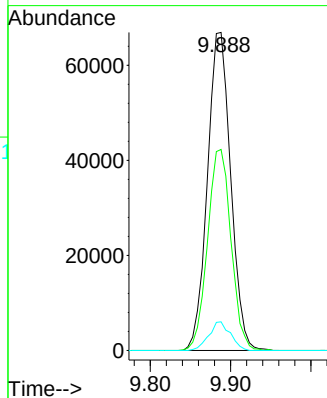
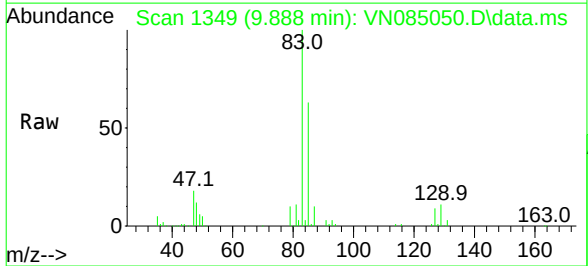
#47
Bromodichloromethane
Concen: 50.146 ug/l
RT: 9.888 min Scan# 1348
Delta R.T. 0.006 min
Lab File: VN085050.D
Acq: 26 Nov 2024 18:12

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 134764
Ion Ratio Lower Upper
83 100
85 63.2 50.5 75.7
127 9.0 7.1 10.7

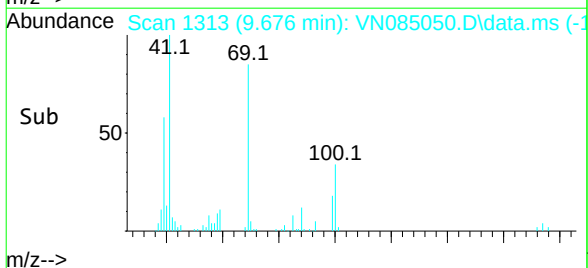
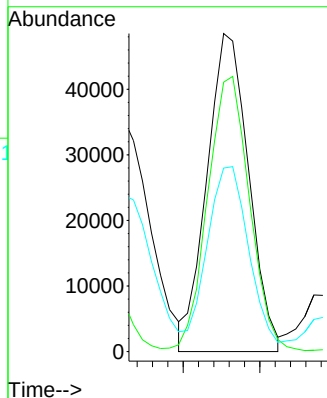
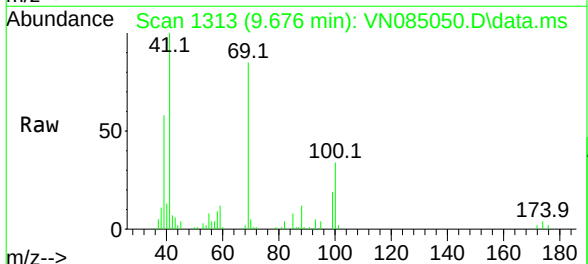
Manual Integrations
APPROVED

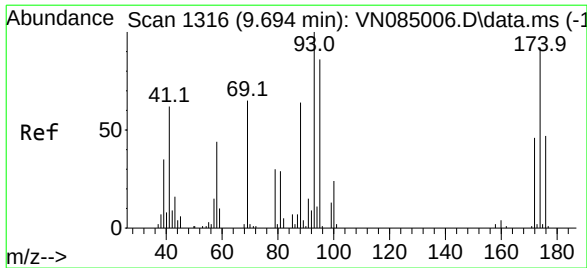
Reviewed By :John Carlone 11/27/2024
Supervised By :Mahesh Dadoda 11/27/2024



#48
Methyl methacrylate
Concen: 55.737 ug/l
RT: 9.676 min Scan# 1313
Delta R.T. -0.000 min
Lab File: VN085050.D
Acq: 26 Nov 2024 18:12

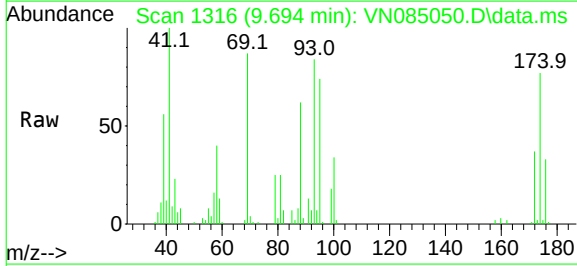
Tgt Ion: 41 Resp: 91748
Ion Ratio Lower Upper
41 100
69 87.3 73.2 109.8
39 59.6 46.2 69.4





#49
1,4-Dioxane
Concen: 1228.790 ug/l
RT: 9.694 min Scan# 1316
Delta R.T. -0.000 min
Lab File: VN085050.D
Acq: 26 Nov 2024 18:12

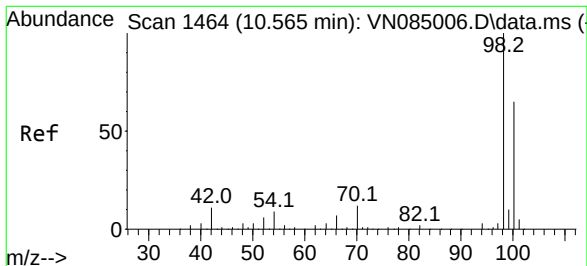
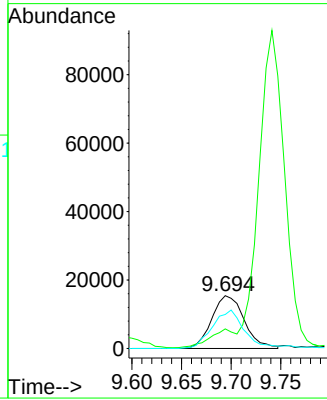
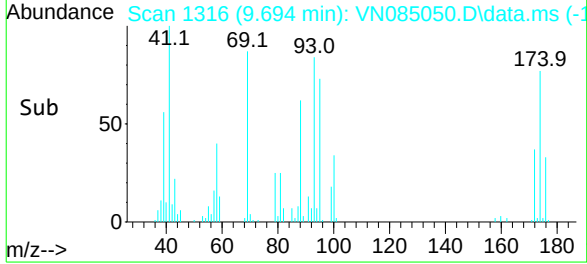
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 88 Resp: 35077
Ion Ratio Lower Upper
88 100
43 28.3 16.7 25.1#
58 75.8 56.5 84.7

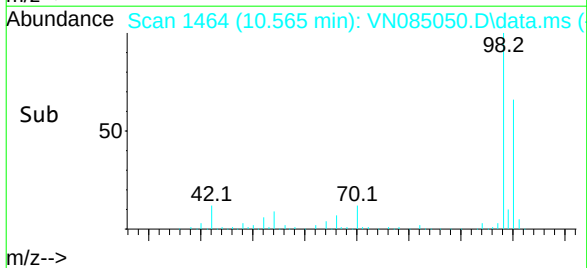
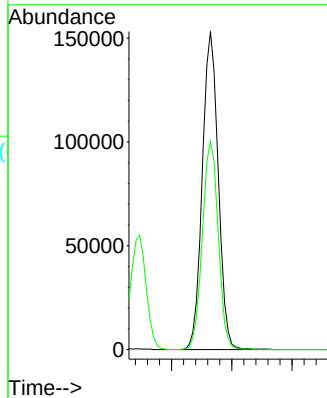
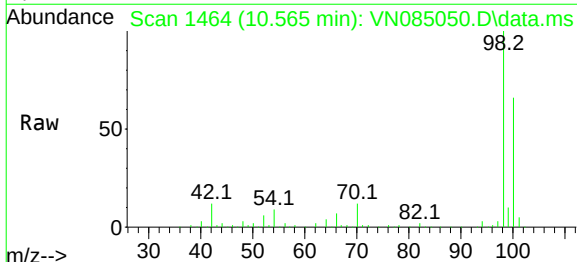
Manual Integrations
APPROVED

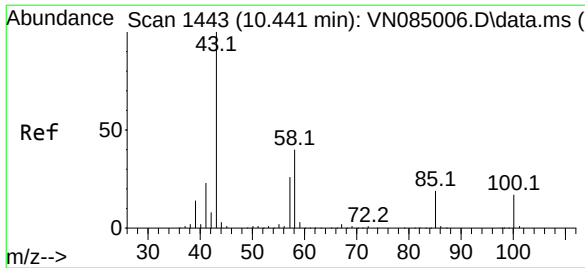
Reviewed By :John Carlone 11/27/2024
Supervised By :Mahesh Dadoda 11/27/2024



#50
Toluene-d8
Concen: 45.348 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN085050.D
Acq: 26 Nov 2024 18:12

Tgt Ion: 98 Resp: 281059
Ion Ratio Lower Upper
98 100
100 65.4 52.5 78.7





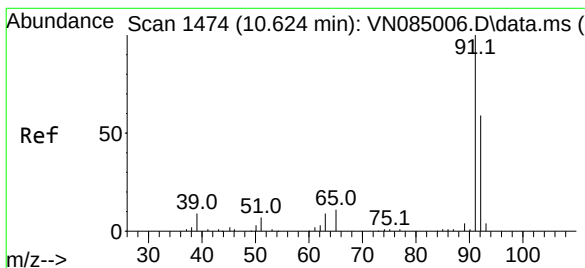
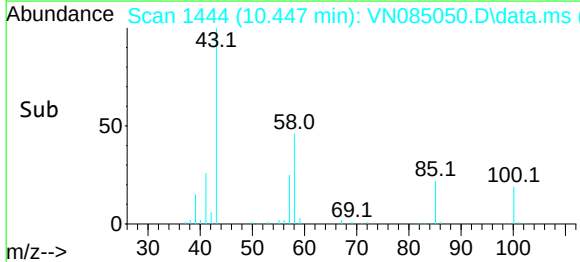
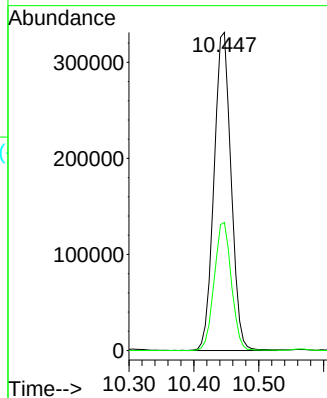
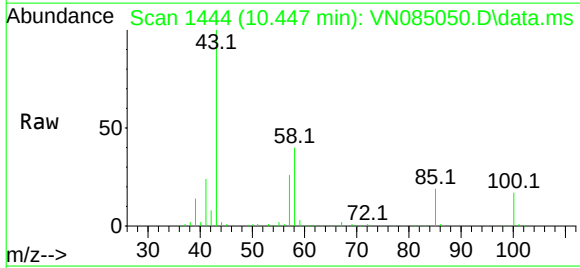
#51
4-Methyl-2-Pentanone
Concen: 299.877 ug/l
RT: 10.447 min Scan# 1443
Delta R.T. 0.006 min
Lab File: VN085050.D
Acq: 26 Nov 2024 18:12

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 605885
Ion Ratio Lower Upper
43 100
58 40.5 32.1 48.1

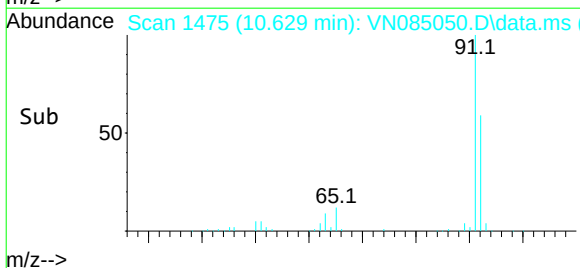
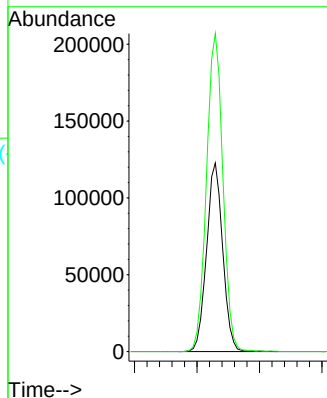
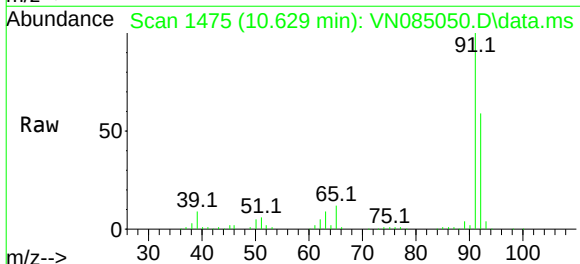
Manual Integrations
APPROVED

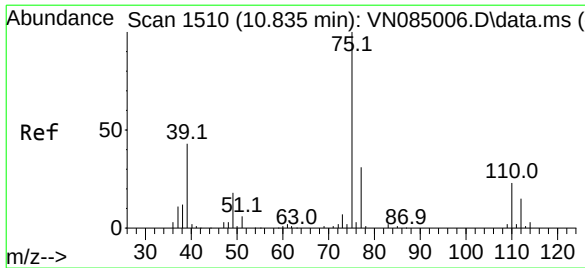
Reviewed By :John Carlone 11/27/2024
Supervised By :Mahesh Dadoda 11/27/2024



#52
Toluene
Concen: 50.120 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. 0.006 min
Lab File: VN085050.D
Acq: 26 Nov 2024 18:12

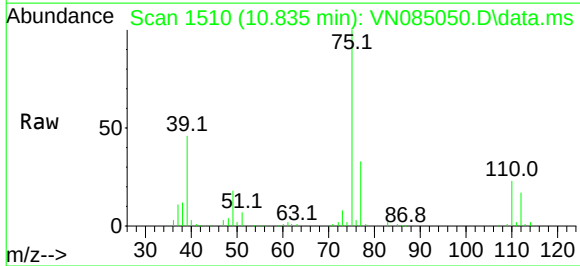
Tgt Ion: 92 Resp: 219828
Ion Ratio Lower Upper
92 100
91 171.5 136.7 205.1





#53
t-1,3-Dichloropropene
Concen: 49.924 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. -0.000 min
Lab File: VN085050.D
Acq: 26 Nov 2024 18:12

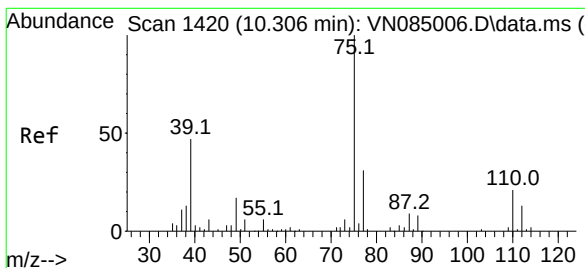
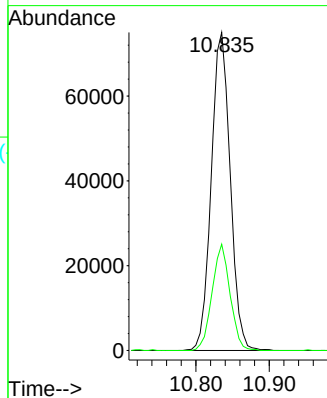
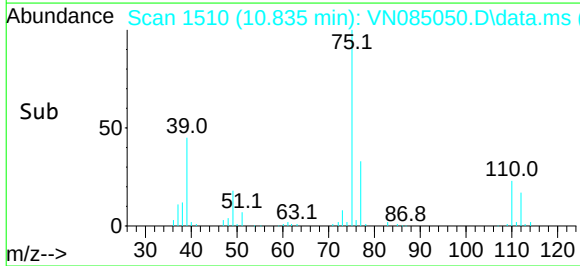
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



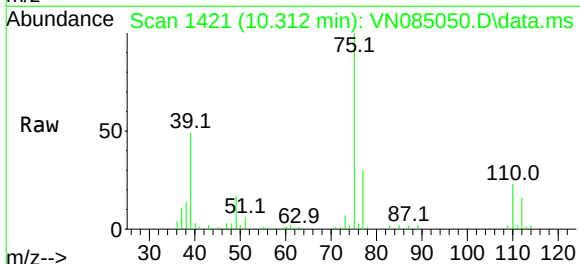
Tgt Ion: 75 Resp: 134511
Ion Ratio Lower Upper
75 100
77 33.4 25.0 37.4

Manual Integrations
APPROVED

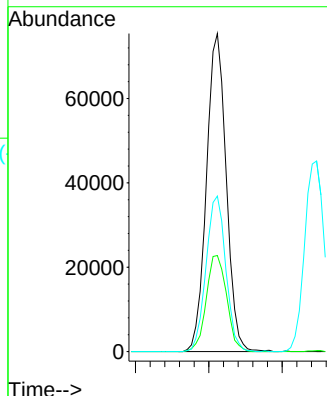
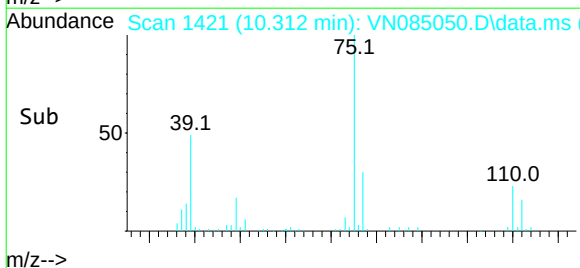
Reviewed By :John Carlone 11/27/2024
Supervised By :Mahesh Dadoda 11/27/2024

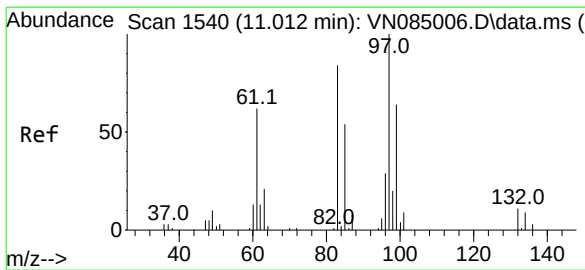


#54
cis-1,3-Dichloropropene
Concen: 49.304 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. 0.006 min
Lab File: VN085050.D
Acq: 26 Nov 2024 18:12



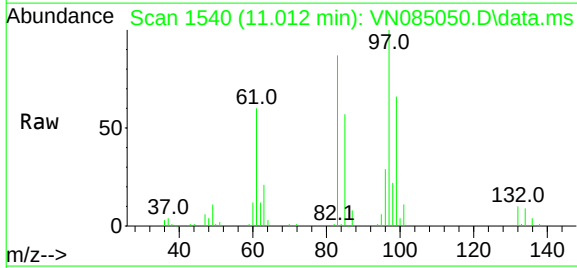
Tgt Ion: 75 Resp: 140927
Ion Ratio Lower Upper
75 100
77 30.2 25.0 37.4
39 48.9 37.6 56.4





#55
1,1,2-Trichloroethane
Concen: 52.366 ug/l
RT: 11.012 min Scan# 1540
Delta R.T. -0.000 min
Lab File: VN085050.D
Acq: 26 Nov 2024 18:12

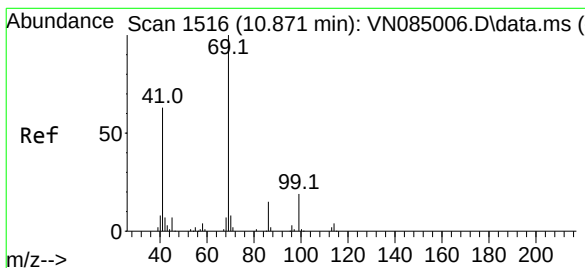
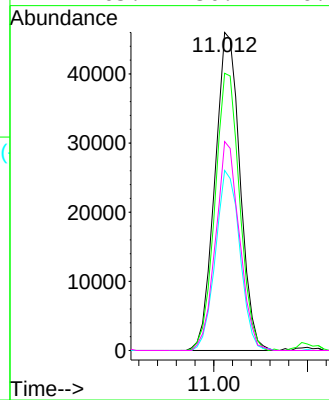
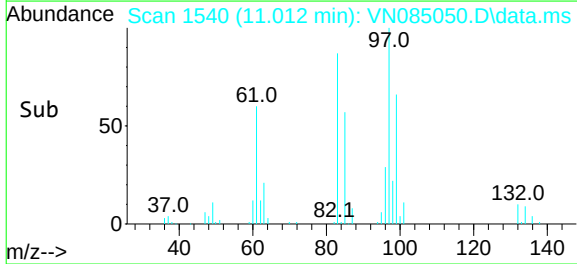
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:	97	Resp:	85550
Ion	Ratio	Lower	Upper
97	100		
83	87.2	67.4	101.2
85	56.6	43.1	64.7
99	65.7	50.9	76.3

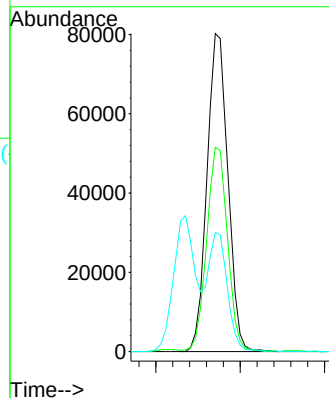
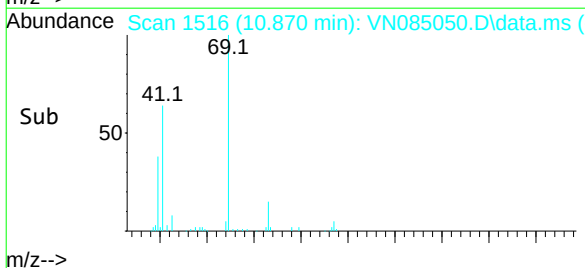
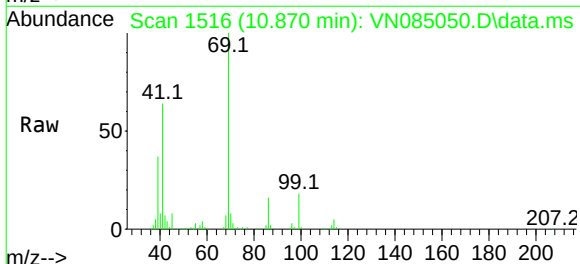
Manual Integrations
APPROVED

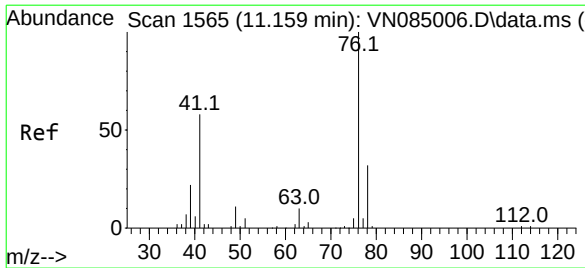
Reviewed By :John Carlone 11/27/2024
Supervised By :Mahesh Dadoda 11/27/2024



#56
Ethyl methacrylate
Concen: 57.909 ug/l
RT: 10.870 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VN085050.D
Acq: 26 Nov 2024 18:12

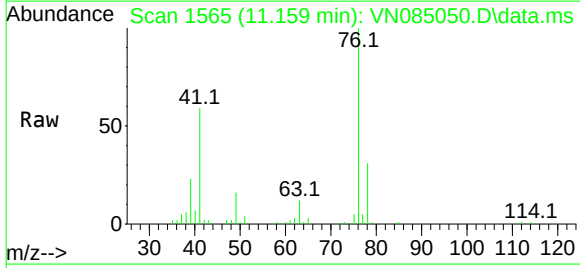
Tgt Ion:	69	Resp:	138242
Ion	Ratio	Lower	Upper
69	100		
41	64.3	50.0	75.0
39	35.5	27.0	40.6





#57
1,3-Dichloropropane
Concen: 50.778 ug/l
RT: 11.159 min Scan# 1565
Delta R.T. -0.000 min
Lab File: VN085050.D
Acq: 26 Nov 2024 18:12

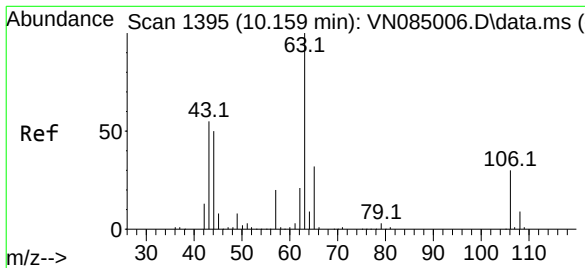
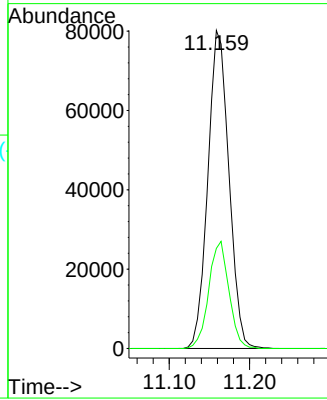
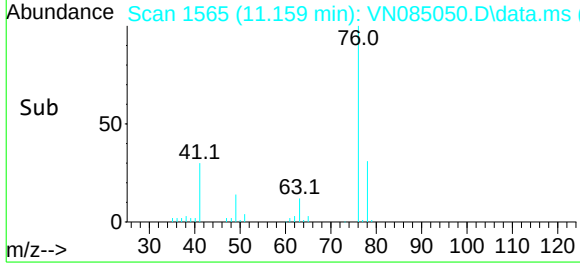
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 146001
Ion Ratio Lower Upper
76 100
78 32.3 26.1 39.1

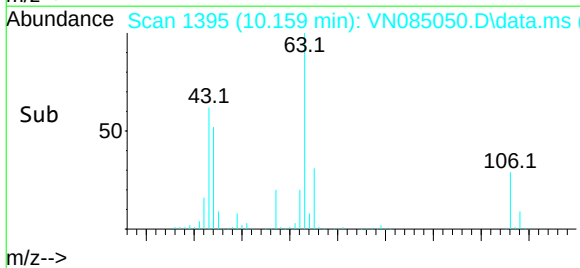
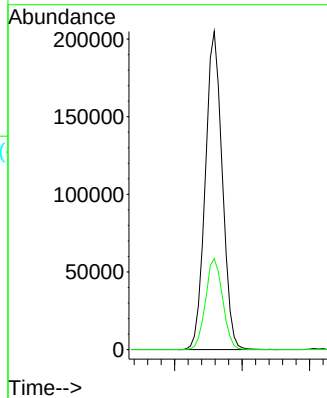
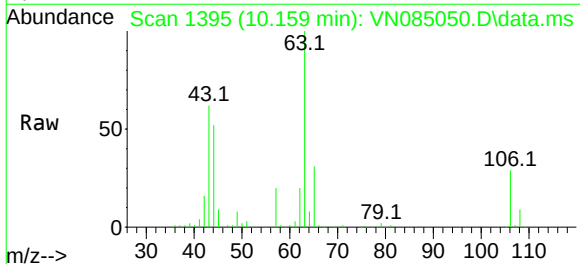
Manual Integrations
APPROVED

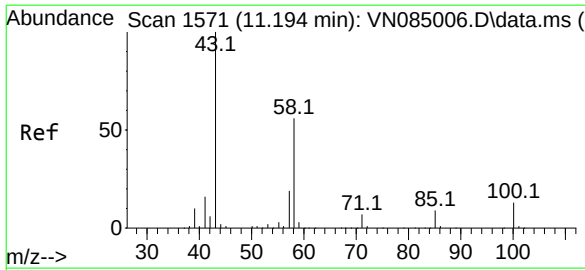
Reviewed By :John Carlone 11/27/2024
Supervised By :Mahesh Dadoda 11/27/2024



#58
2-Chloroethyl Vinyl ether
Concen: 304.919 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VN085050.D
Acq: 26 Nov 2024 18:12

Tgt Ion: 63 Resp: 357062
Ion Ratio Lower Upper
63 100
106 28.9 23.0 34.6





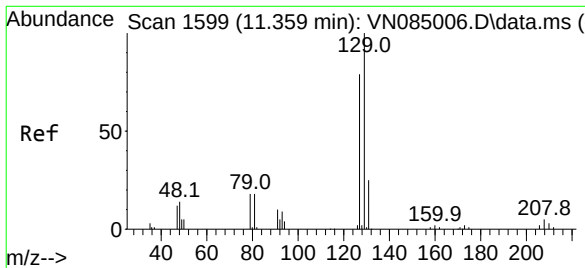
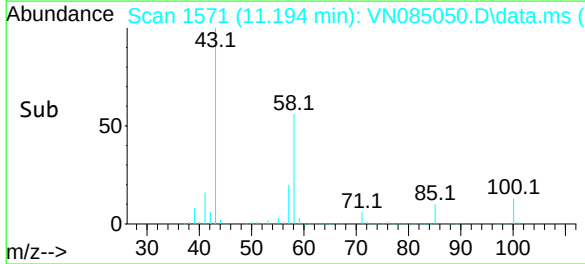
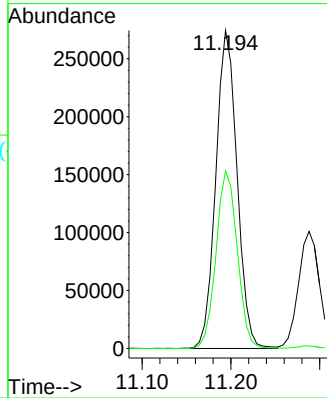
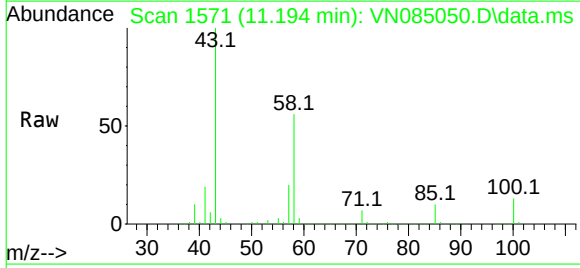
#59
2-Hexanone
Concen: 301.875 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VN085050.D
Acq: 26 Nov 2024 18:12

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 456163
Ion Ratio Lower Upper
43 100
58 55.8 28.3 85.0

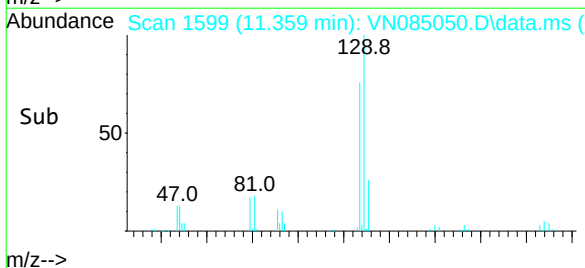
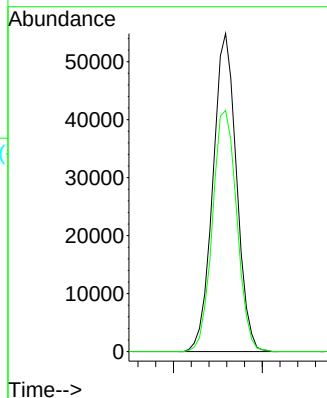
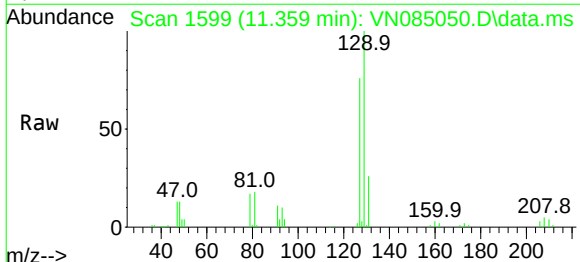
Manual Integrations
APPROVED

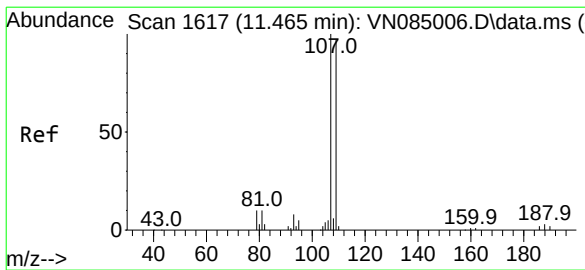
Reviewed By :John Carlone 11/27/2024
Supervised By :Mahesh Dadoda 11/27/2024



#60
Dibromochloromethane
Concen: 50.705 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN085050.D
Acq: 26 Nov 2024 18:12

Tgt Ion:129 Resp: 101239
Ion Ratio Lower Upper
129 100
127 78.1 39.2 117.6





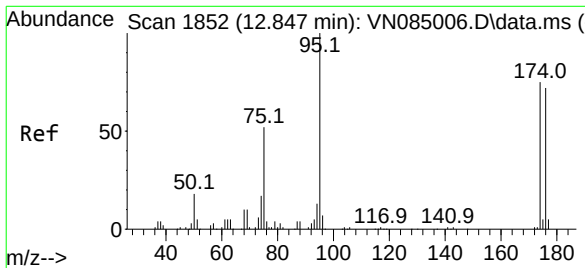
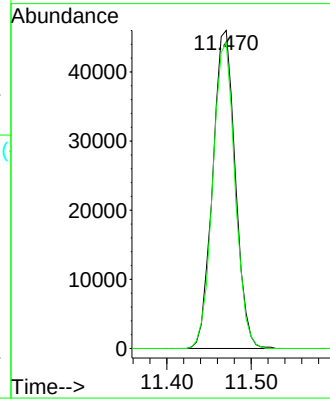
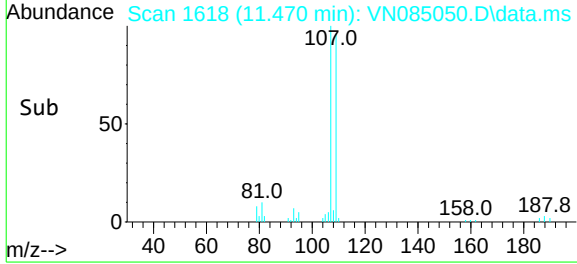
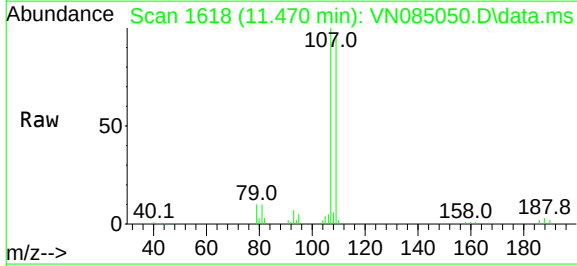
#61
1,2-Dibromoethane
Concen: 50.598 ug/l
RT: 11.470 min Scan# 1617
Delta R.T. 0.006 min
Lab File: VN085050.D
Acq: 26 Nov 2024 18:12

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 107 Resp: 85548
Ion Ratio Lower Upper
107 100
109 94.9 76.1 114.1

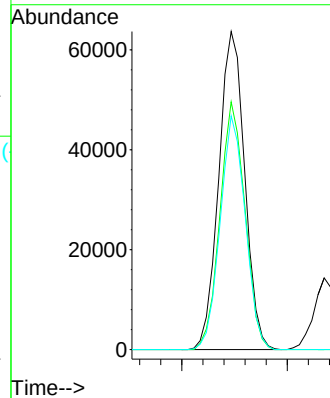
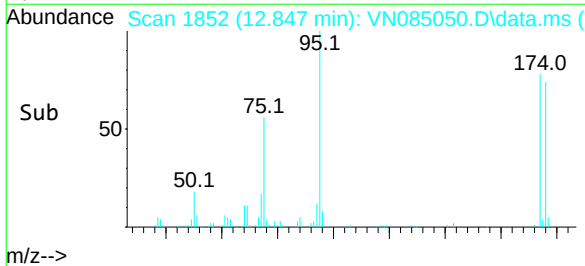
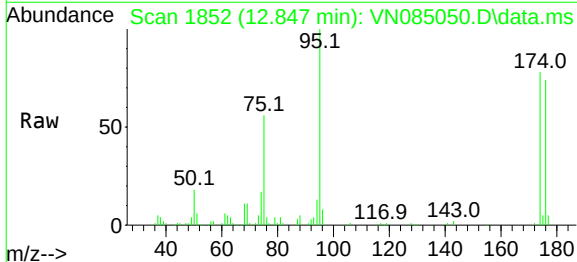
Manual Integrations
APPROVED

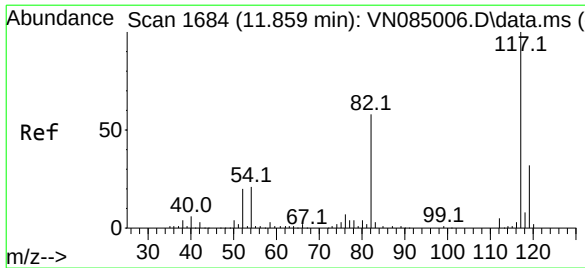
Reviewed By : John Carlone 11/27/2024
Supervised By : Mahesh Dadoda 11/27/2024



#62
4-Bromofluorobenzene
Concen: 46.887 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN085050.D
Acq: 26 Nov 2024 18:12

Tgt Ion: 95 Resp: 108675
Ion Ratio Lower Upper
95 100
174 75.2 0.0 146.6
176 71.1 0.0 141.8





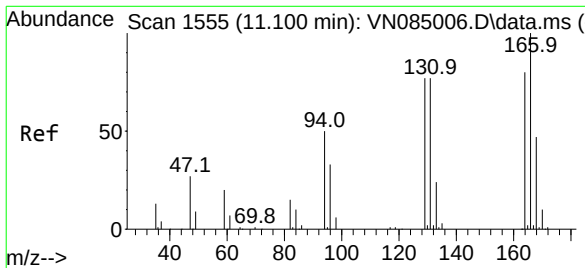
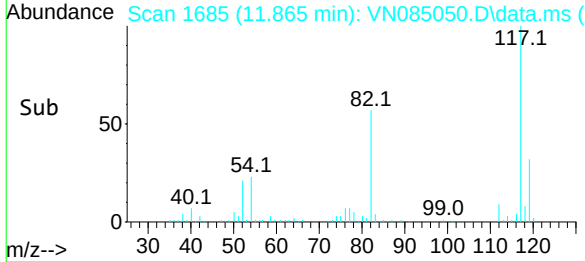
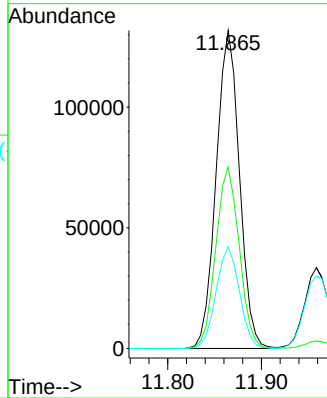
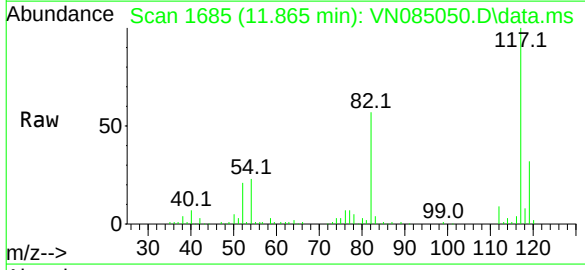
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1684
Delta R.T. 0.006 min
Lab File: VN085050.D
Acq: 26 Nov 2024 18:12

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:117 Resp: 227672
Ion Ratio Lower Upper
117 100
82 57.0 46.0 69.0
119 32.0 25.6 38.4

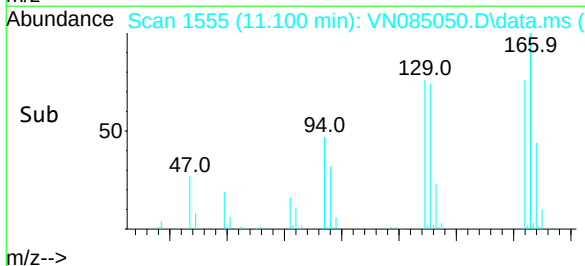
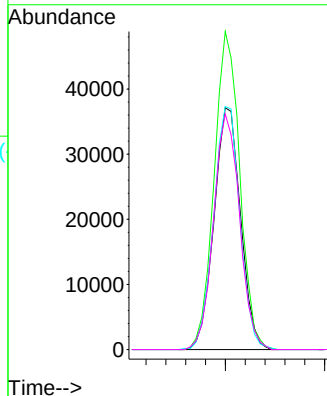
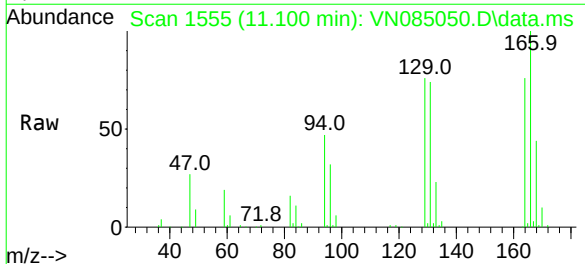
Manual Integrations
APPROVED

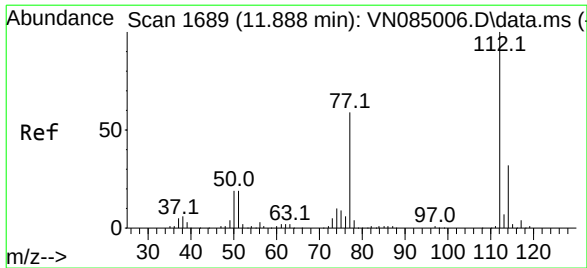
Reviewed By :John Carlone 11/27/2024
Supervised By :Mahesh Dadoda 11/27/2024



#64
Tetrachloroethene
Concen: 44.830 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VN085050.D
Acq: 26 Nov 2024 18:12

Tgt Ion:164 Resp: 68775
Ion Ratio Lower Upper
164 100
166 131.5 100.6 151.0
129 100.5 77.7 116.5
131 97.4 77.2 115.8





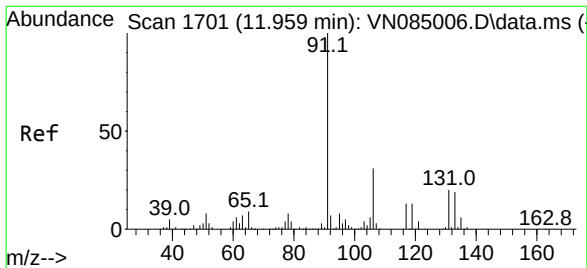
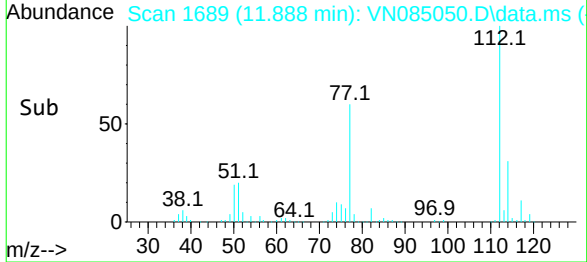
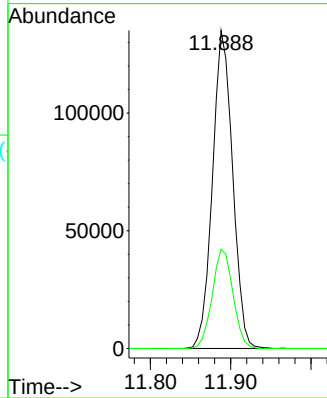
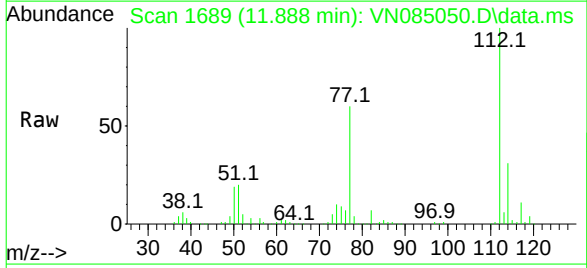
#65
Chlorobenzene
Concen: 45.570 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. -0.000 min
Lab File: VN085050.D
Acq: 26 Nov 2024 18:12

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:112 Resp: 235294
Ion Ratio Lower Upper
112 100
114 31.2 25.8 38.6

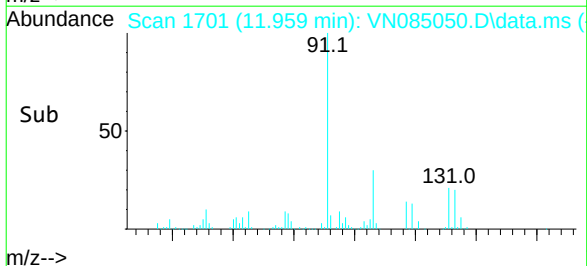
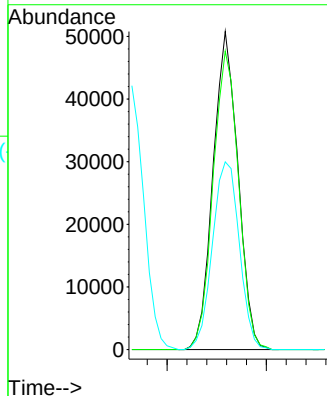
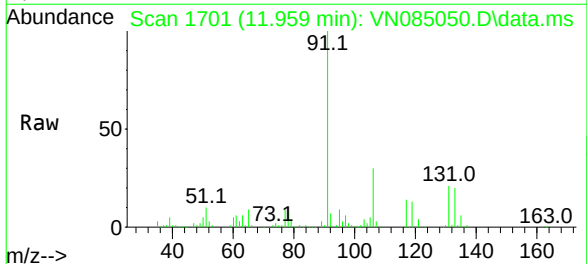
Manual Integrations
APPROVED

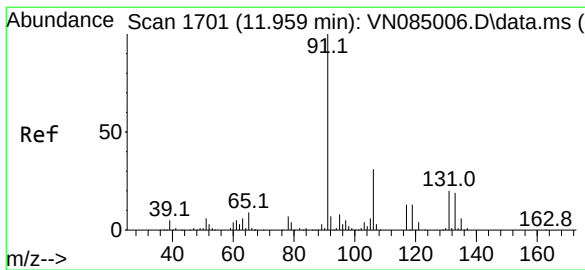
Reviewed By :John Carlone 11/27/2024
Supervised By :Mahesh Dadoda 11/27/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 48.750 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN085050.D
Acq: 26 Nov 2024 18:12

Tgt Ion:131 Resp: 88625
Ion Ratio Lower Upper
131 100
133 95.7 47.8 143.4
119 63.7 32.1 96.3





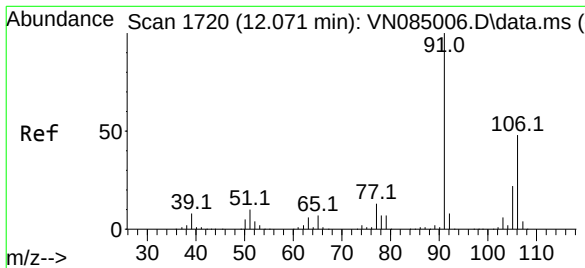
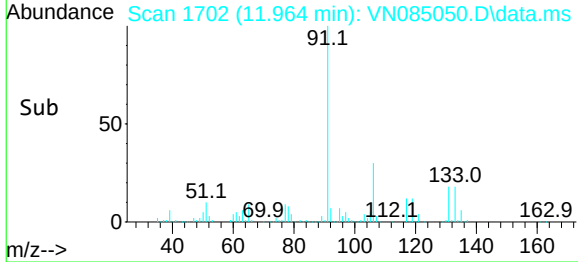
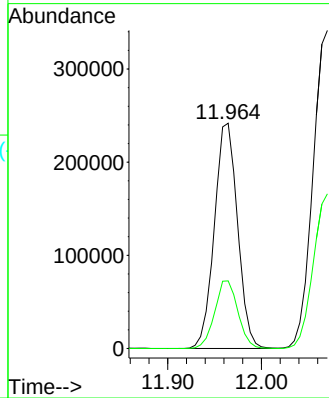
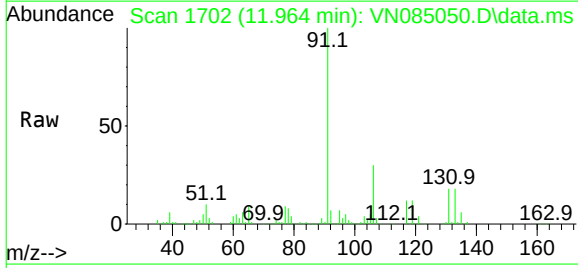
#67
Ethyl Benzene
Concen: 49.599 ug/l
RT: 11.964 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VN085050.D
Acq: 26 Nov 2024 18:12

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 415484
Ion Ratio Lower Upper
91 100
106 30.0 24.7 37.1

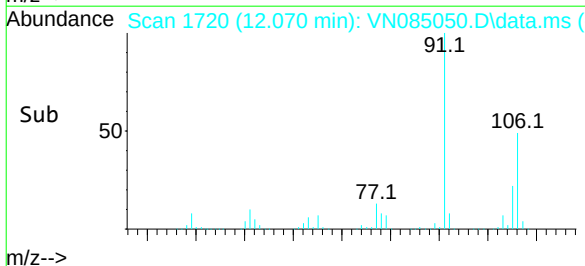
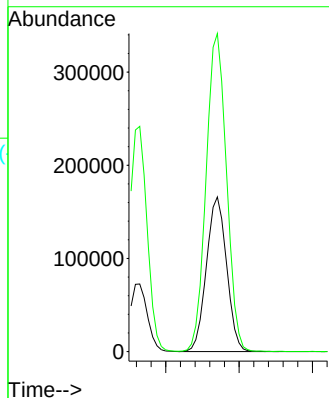
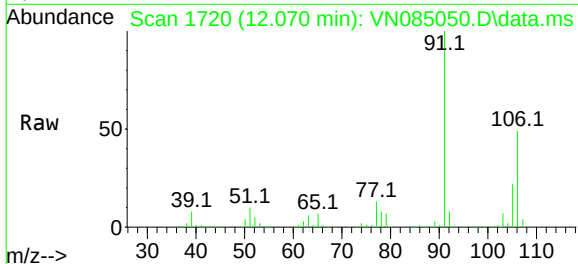
Manual Integrations
APPROVED

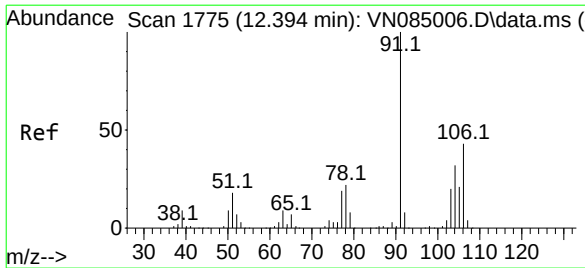
Reviewed By :John Carlone 11/27/2024
Supervised By :Mahesh Dadoda 11/27/2024



#68
m/p-Xylenes
Concen: 99.579 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN085050.D
Acq: 26 Nov 2024 18:12

Tgt Ion:106 Resp: 317581
Ion Ratio Lower Upper
106 100
91 207.7 168.0 252.0





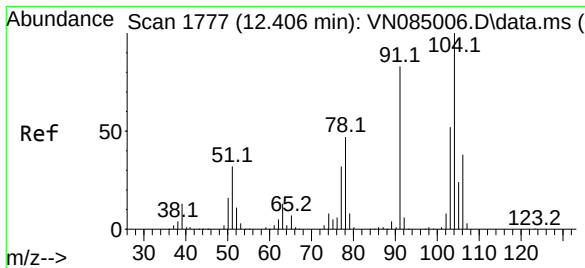
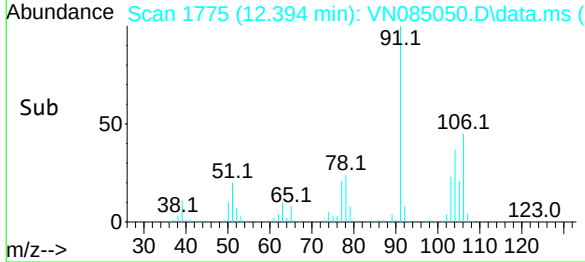
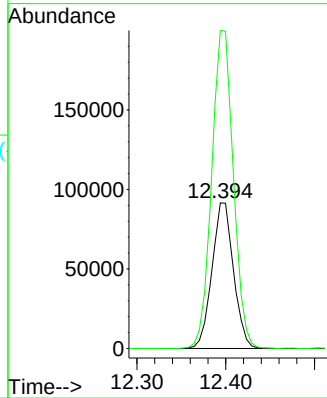
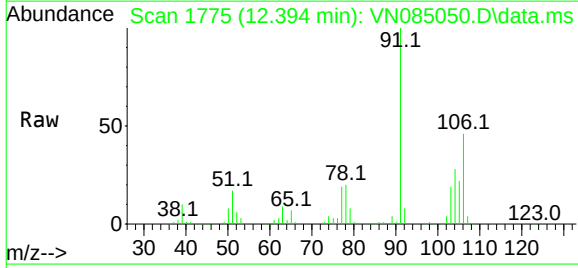
#69
o-Xylene
Concen: 50.796 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN085050.D
Acq: 26 Nov 2024 18:12

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 154101
Ion Ratio Lower Upper
106 100
91 220.6 110.7 331.9

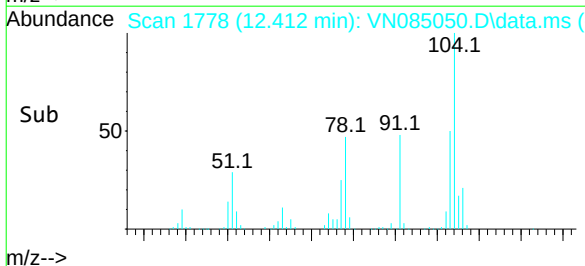
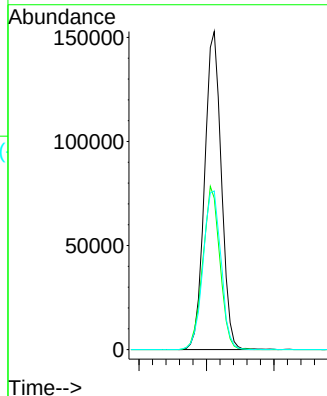
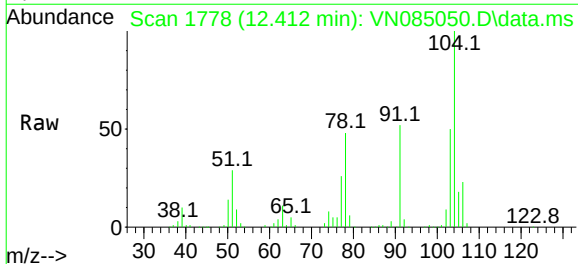
Manual Integrations
APPROVED

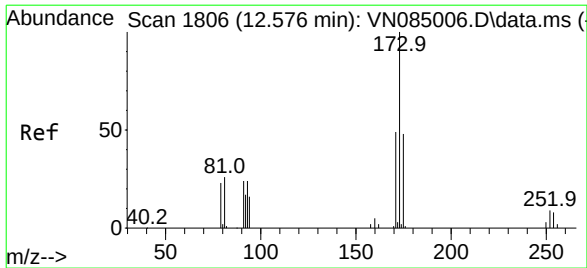
Reviewed By :John Carlone 11/27/2024
Supervised By :Mahesh Dadoda 11/27/2024



#70
Styrene
Concen: 52.202 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.006 min
Lab File: VN085050.D
Acq: 26 Nov 2024 18:12

Tgt Ion:104 Resp: 263359
Ion Ratio Lower Upper
104 100
78 52.4 42.3 63.5
103 53.6 44.2 66.2





#71

Bromoform

Concen: 50.776 ug/l

RT: 12.576 min Scan# 18

Delta R.T. -0.000 min

Lab File: VN085050.D

Acq: 26 Nov 2024 18:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

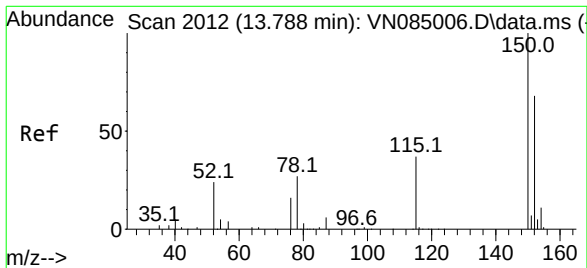
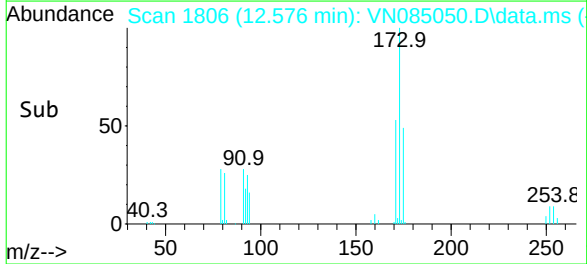
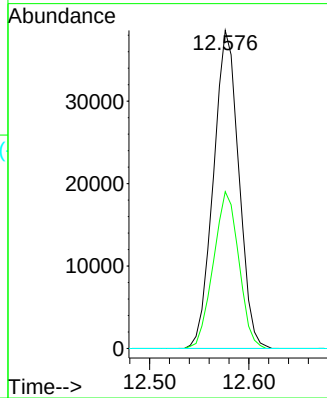
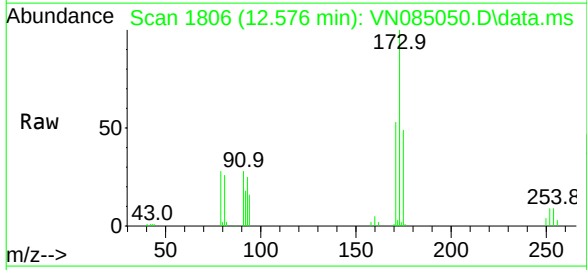
Tgt Ion:	173	Resp:	68519
Ion Ratio	Lower	Upper	
173	100		
175	49.5	23.8	71.2
254	0.0	0.0	0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/27/2024

Supervised By :Mahesh Dadoda 11/27/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

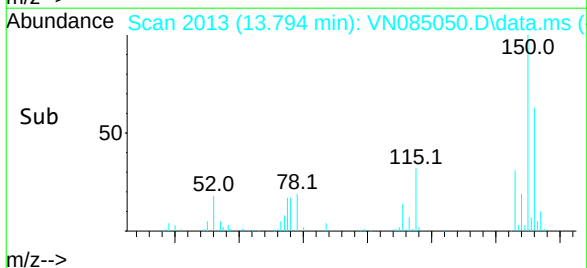
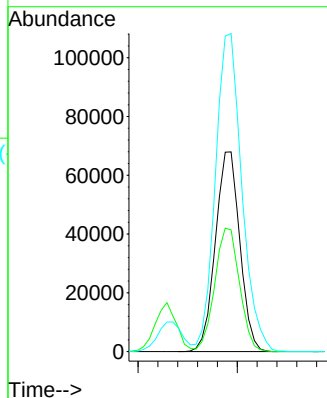
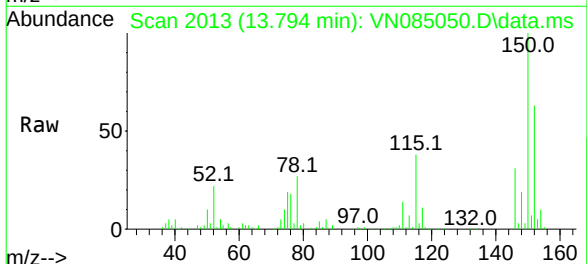
RT: 13.794 min Scan# 2013

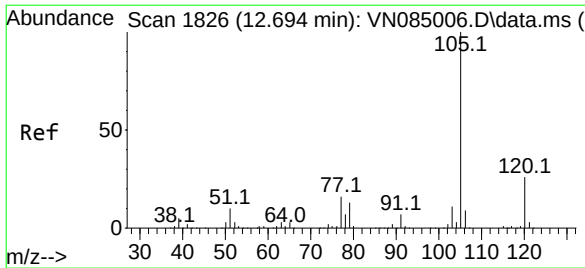
Delta R.T. 0.006 min

Lab File: VN085050.D

Acq: 26 Nov 2024 18:12

Tgt Ion:	152	Resp:	116253
Ion Ratio	Lower	Upper	
152	100		
115	62.5	31.7	95.1
150	172.7	0.0	351.4





#73

Isopropylbenzene

Concen: 47.841 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. -0.000 min

Lab File: VN085050.D

Acq: 26 Nov 2024 18:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:105 Resp: 392356

Ion Ratio Lower Upper

105 100

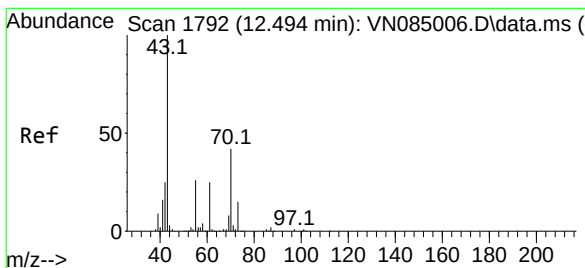
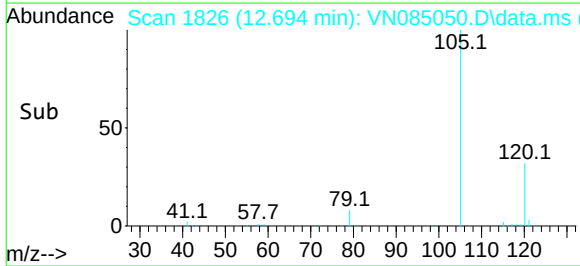
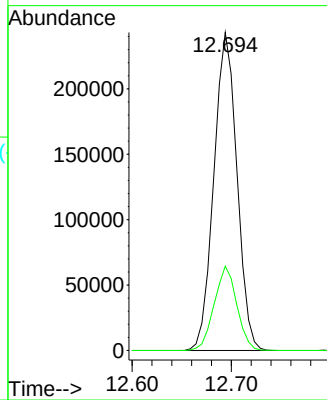
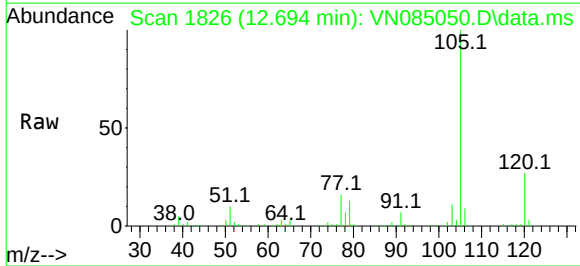
120 25.9 13.0 39.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/27/2024

Supervised By :Mahesh Dadoda 11/27/2024



#74

N-ethyl acetate

Concen: 52.610 ug/l

RT: 12.494 min Scan# 1792

Delta R.T. -0.000 min

Lab File: VN085050.D

Acq: 26 Nov 2024 18:12

Tgt Ion: 43 Resp: 177798

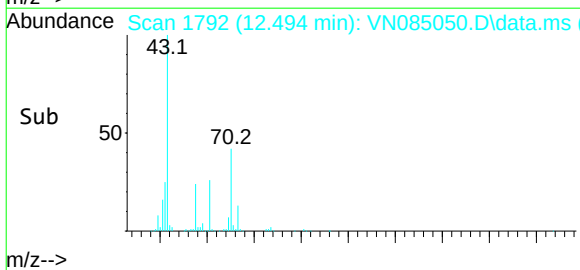
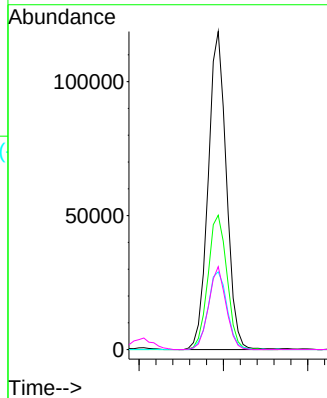
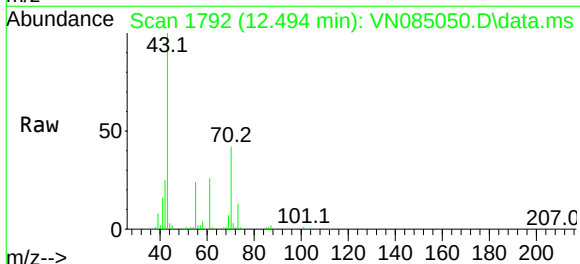
Ion Ratio Lower Upper

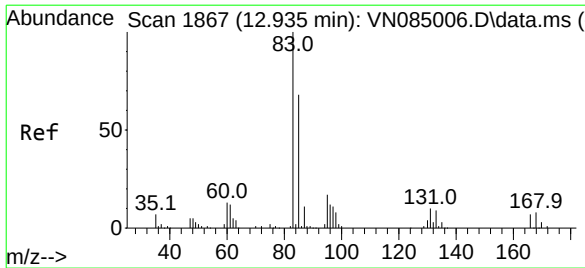
43 100

70 44.1 34.6 51.8

55 25.8 20.5 30.7

61 25.0 19.6 29.4





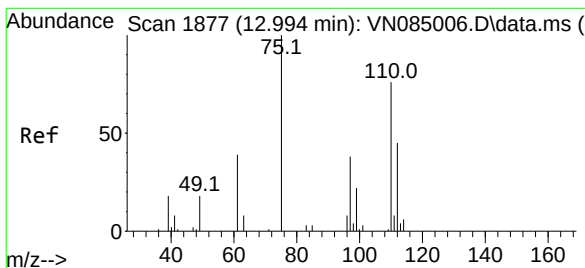
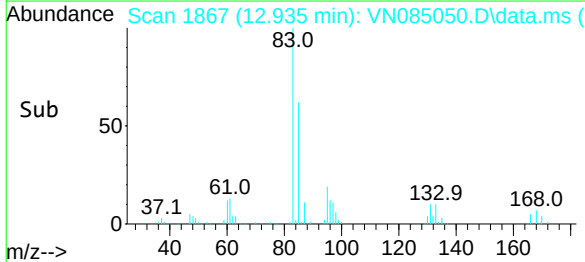
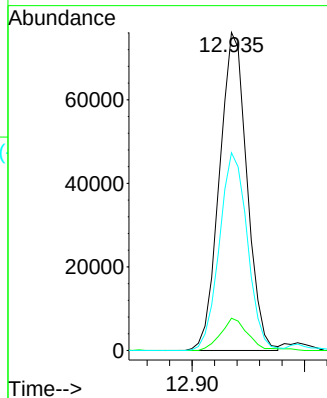
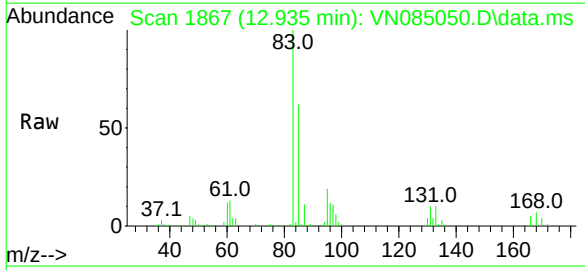
#75
1,1,2,2-Tetrachloroethane
Concen: 46.111 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VN085050.D
Acq: 26 Nov 2024 18:12

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
83	100		
131	10.2	5.1	15.4
85	63.5	32.1	96.3

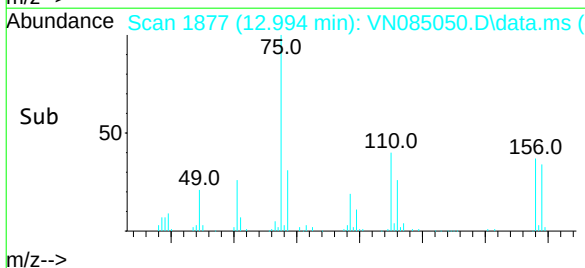
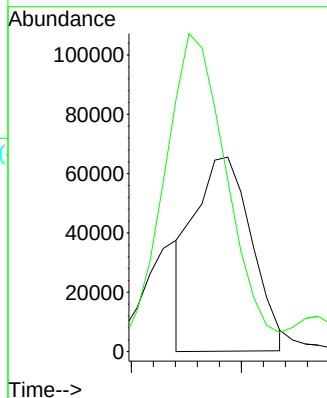
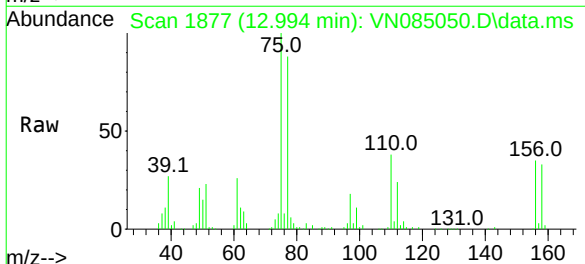
Manual Integrations
APPROVED

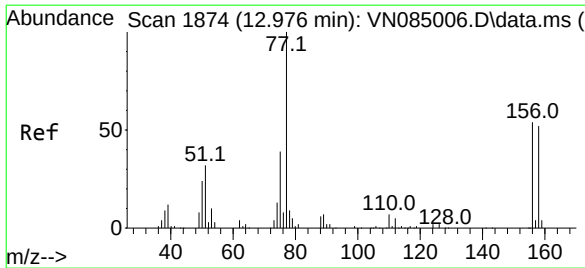
Reviewed By :John Carlone 11/27/2024
Supervised By :Mahesh Dadoda 11/27/2024



#76
1,2,3-Trichloropropane
Concen: 56.224 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. -0.000 min
Lab File: VN085050.D
Acq: 26 Nov 2024 18:12

Tgt Ion	Ratio	Lower	Upper
75	100		
77	180.8	109.1	327.4





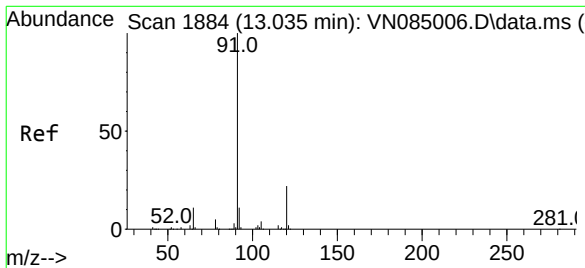
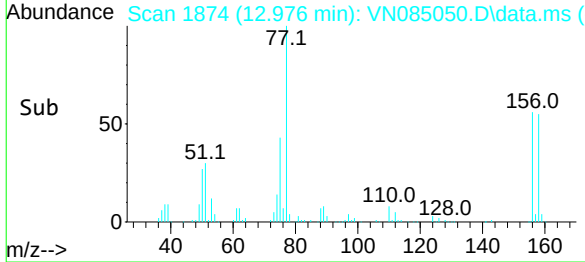
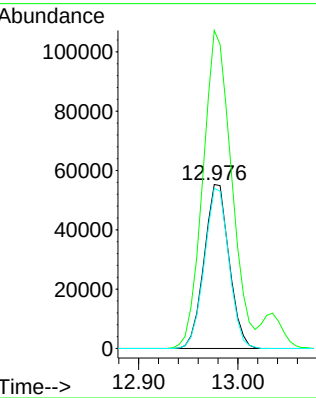
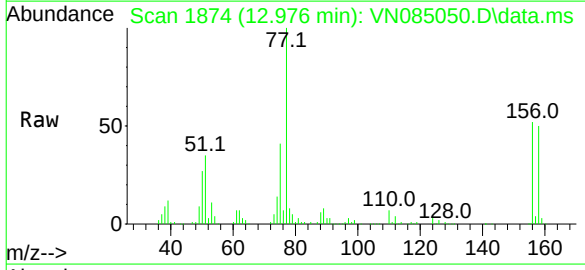
#77
Bromobenzene
Concen: 43.792 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. -0.000 min
Lab File: VN085050.D
Acq: 26 Nov 2024 18:12

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 156 Resp: 96650
Ion Ratio Lower Upper
156 100
77 222.4 107.2 321.6
158 95.9 48.5 145.6

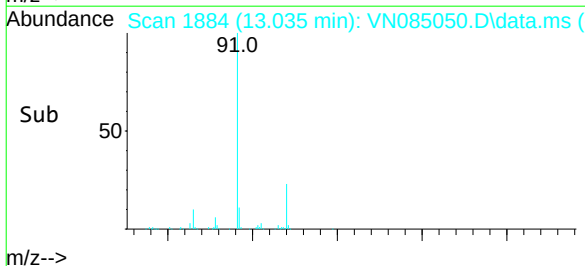
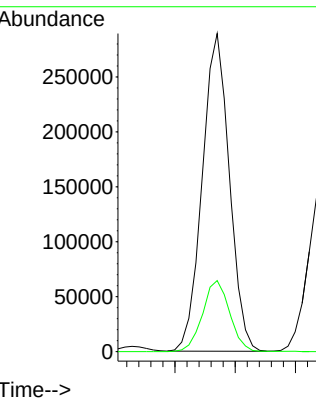
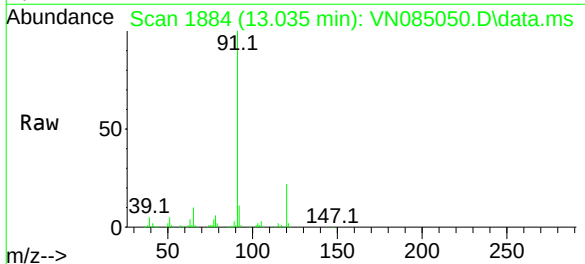
Manual Integrations
APPROVED

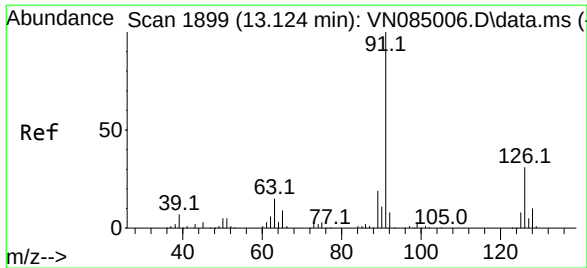
Reviewed By :John Carlone 11/27/2024
Supervised By :Mahesh Dadoda 11/27/2024



#78
n-propylbenzene
Concen: 47.866 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VN085050.D
Acq: 26 Nov 2024 18:12

Tgt Ion: 91 Resp: 452784
Ion Ratio Lower Upper
91 100
120 22.3 11.3 33.9





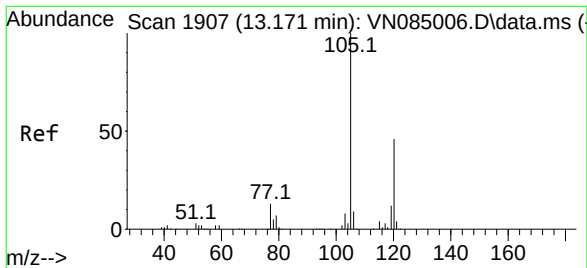
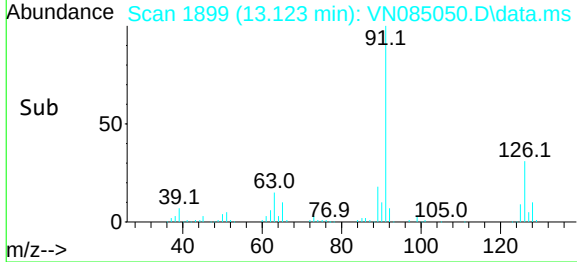
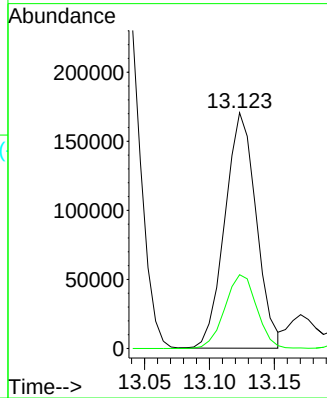
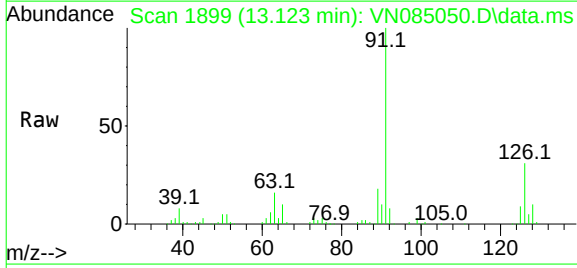
#79
2-Chlorotoluene
Concen: 45.474 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN085050.D
Acq: 26 Nov 2024 18:12

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 287148
Ion Ratio Lower Upper
91 100
126 31.8 16.1 48.3

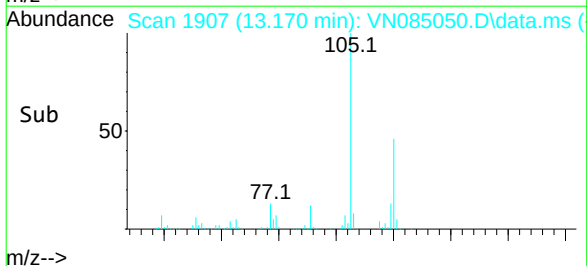
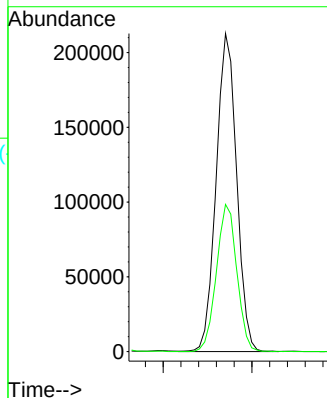
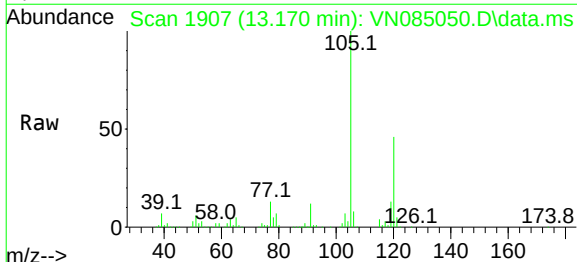
Manual Integrations
APPROVED

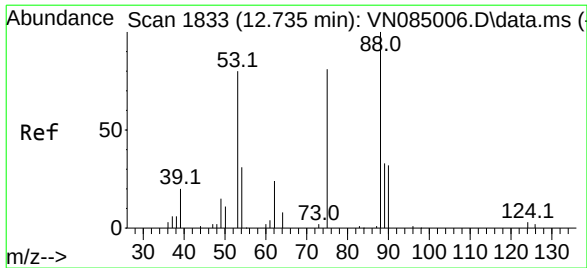
Reviewed By :John Carlone 11/27/2024
Supervised By :Mahesh Dadoda 11/27/2024



#80
1,3,5-Trimethylbenzene
Concen: 49.508 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN085050.D
Acq: 26 Nov 2024 18:12

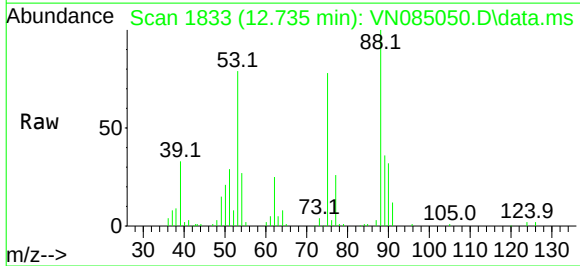
Tgt Ion:105 Resp: 340710
Ion Ratio Lower Upper
105 100
120 46.2 23.6 71.0





#81
trans-1,4-Dichloro-2-butene
Concen: 49.081 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN085050.D
Acq: 26 Nov 2024 18:12

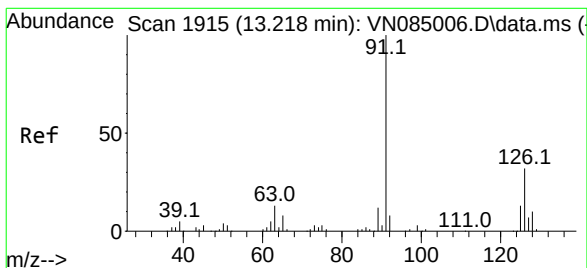
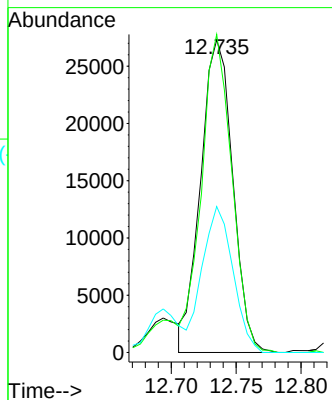
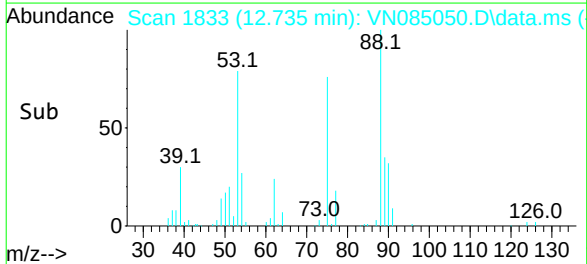
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 47013
Ion Ratio Lower Upper
75 100
53 106.4 78.2 117.4
89 44.5 37.9 56.9

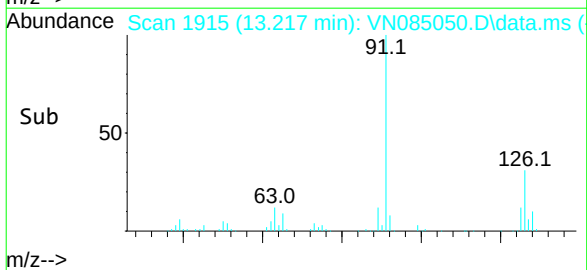
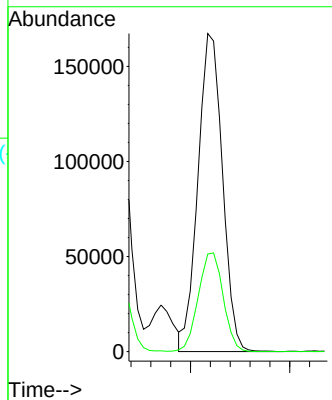
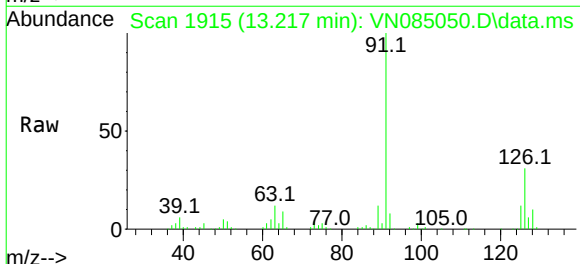
Manual Integrations
APPROVED

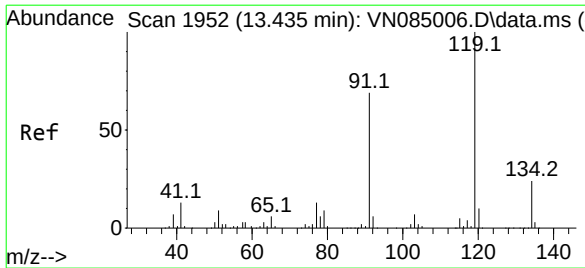
Reviewed By :John Carlone 11/27/2024
Supervised By :Mahesh Dadoda 11/27/2024



#82
4-Chlorotoluene
Concen: 43.625 ug/l
RT: 13.217 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VN085050.D
Acq: 26 Nov 2024 18:12

Tgt Ion: 91 Resp: 286775
Ion Ratio Lower Upper
91 100
126 31.6 16.1 48.3





#83
tert-Butylbenzene
Concen: 48.549 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VN085050.D
Acq: 26 Nov 2024 18:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

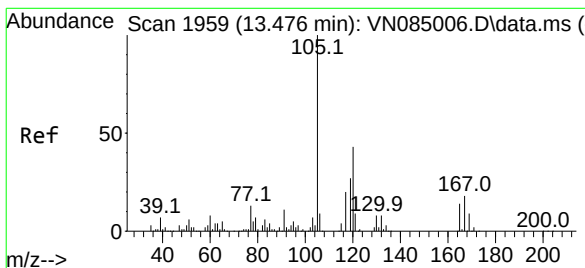
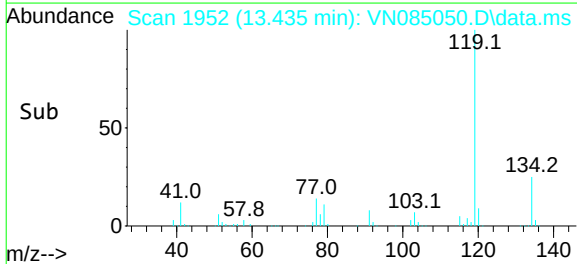
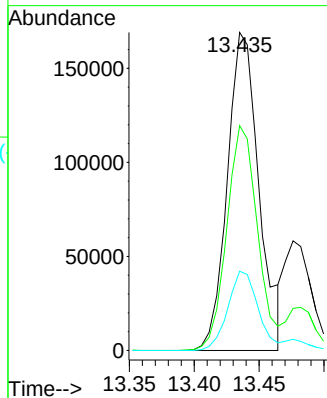
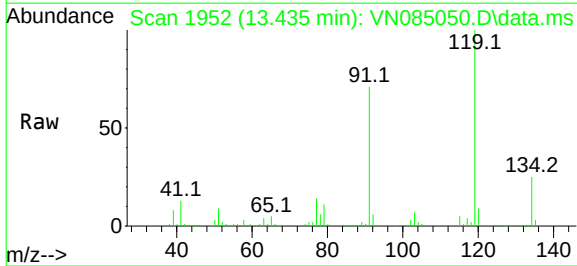
Tgt Ion:119 Resp: 287476
Ion Ratio Lower Upper
119 100
91 68.7 35.1 105.5
134 23.7 12.1 36.3

Manual Integrations

APPROVED

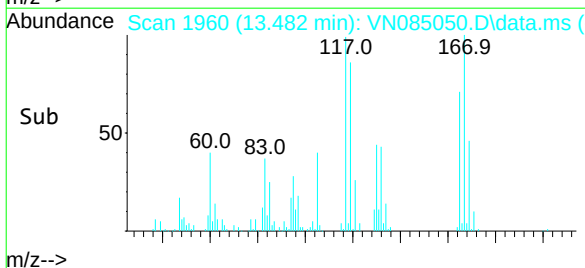
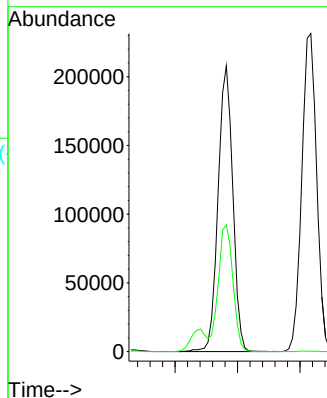
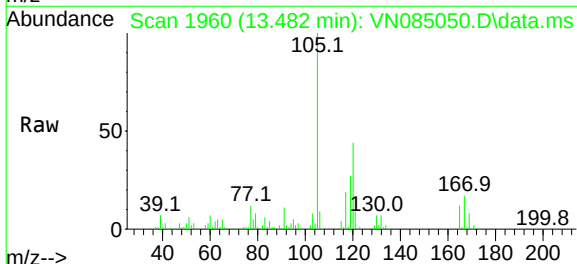
Reviewed By :John Carlone 11/27/2024

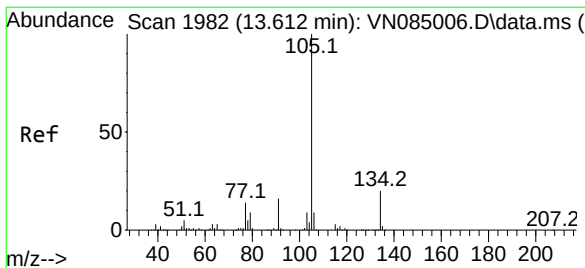
Supervised By :Mahesh Dadoda 11/27/2024



#84
1,2,4-Trimethylbenzene
Concen: 47.943 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.006 min
Lab File: VN085050.D
Acq: 26 Nov 2024 18:12

Tgt Ion:105 Resp: 339626
Ion Ratio Lower Upper
105 100
120 44.3 21.8 65.4





#85

sec-Butylbenzene

Concen: 47.862 ug/l

RT: 13.617 min Scan# 19

Delta R.T. 0.006 min

Lab File: VN085050.D

Acq: 26 Nov 2024 18:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:105 Resp: 382841

Ion Ratio Lower Upper

105 100

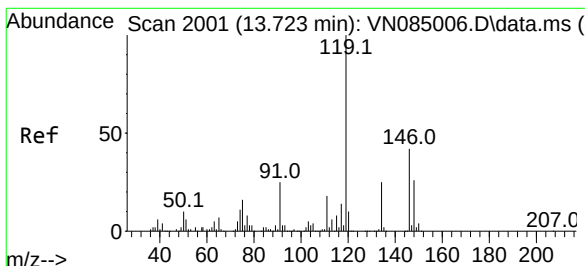
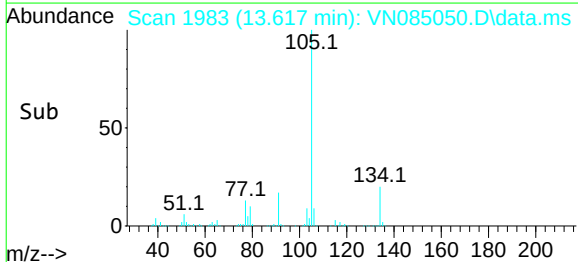
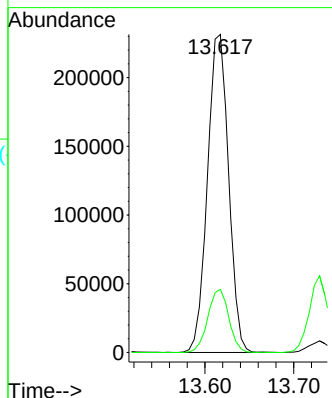
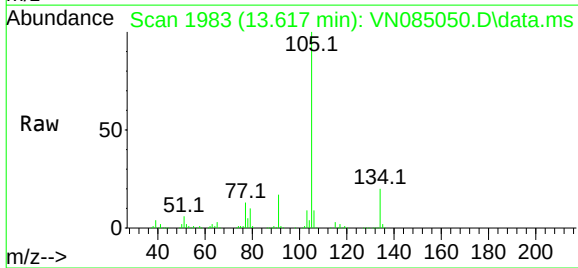
134 19.6 9.8 29.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/27/2024

Supervised By :Mahesh Dadoda 11/27/2024



#86

p-Isopropyltoluene

Concen: 48.719 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. 0.006 min

Lab File: VN085050.D

Acq: 26 Nov 2024 18:12

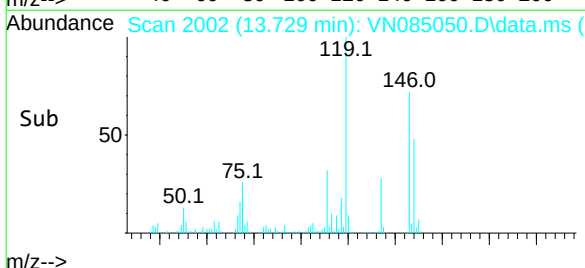
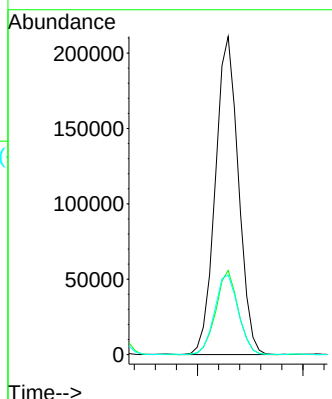
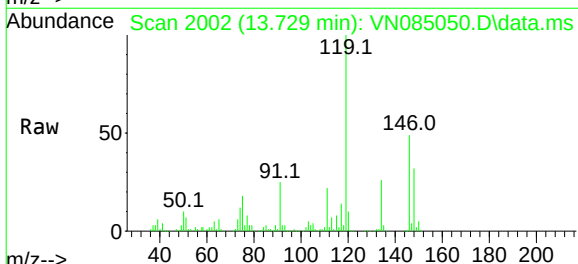
Tgt Ion:119 Resp: 321691

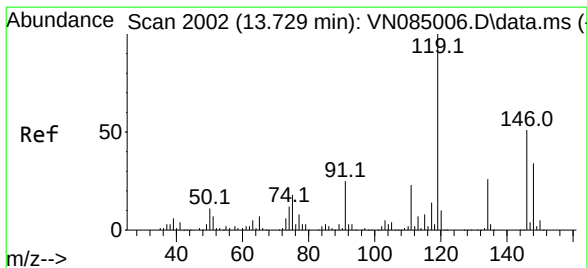
Ion Ratio Lower Upper

119 100

134 25.6 13.0 39.0

91 25.7 12.8 38.4





#87

1,3-Dichlorobenzene

Concen: 40.389 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. -0.000 min

Lab File: VN085050.D

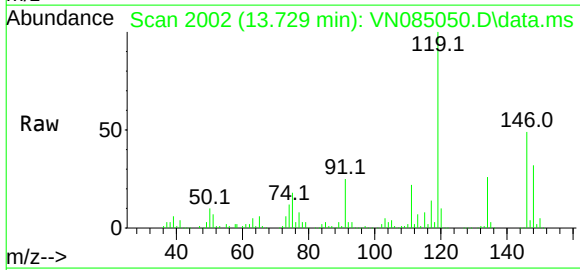
Acq: 26 Nov 2024 18:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



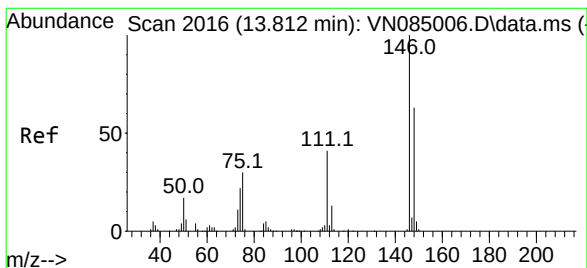
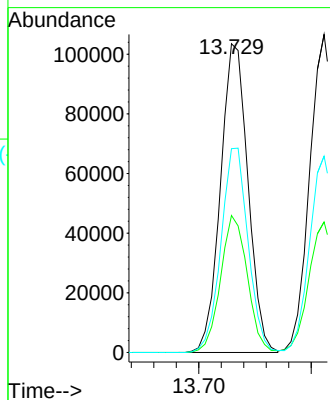
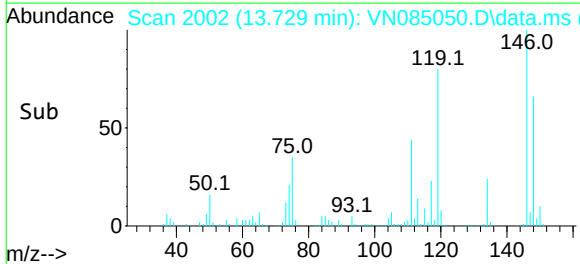
Tgt Ion:	146	Resp:	175822
Ion	Ratio	Lower	Upper
146	100		
111	43.2	21.6	65.0
148	65.5	32.2	96.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/27/2024

Supervised By :Mahesh Dadoda 11/27/2024



#88

1,4-Dichlorobenzene

Concen: 39.875 ug/l

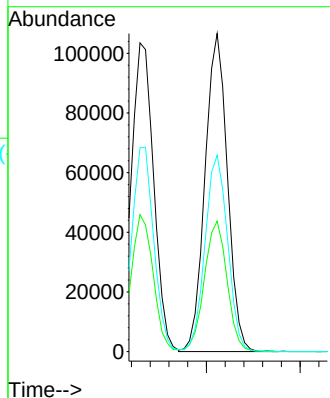
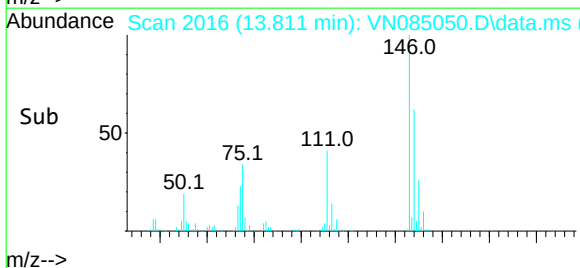
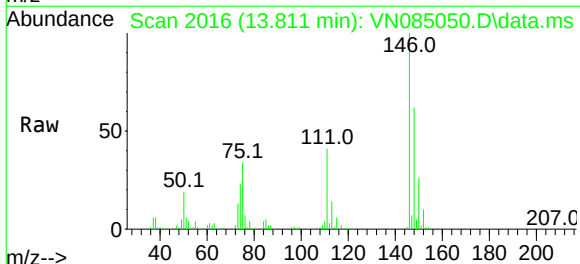
RT: 13.811 min Scan# 2016

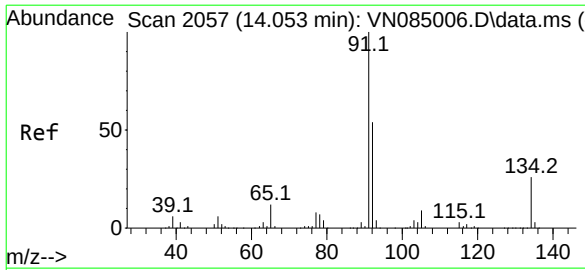
Delta R.T. -0.000 min

Lab File: VN085050.D

Acq: 26 Nov 2024 18:12

Tgt Ion:	146	Resp:	177138
Ion	Ratio	Lower	Upper
146	100		
111	41.8	20.9	62.8
148	62.2	31.3	93.9





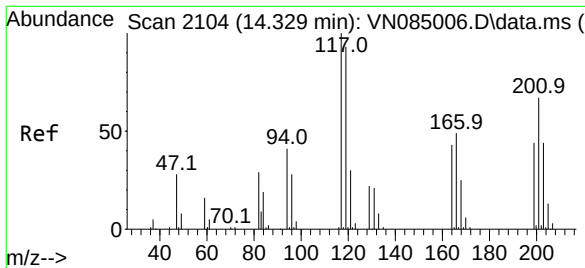
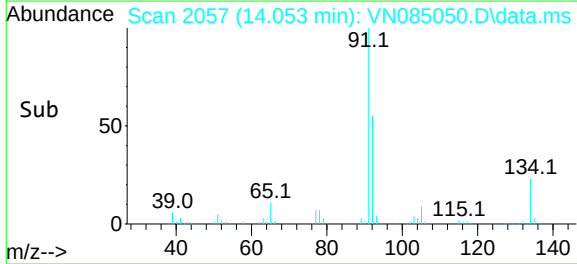
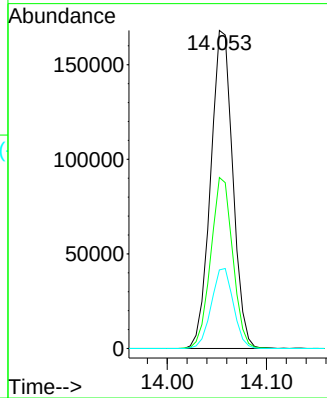
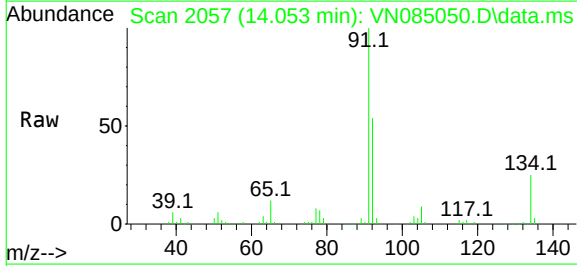
#89
n-Butylbenzene
Concen: 42.490 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN085050.D
Acq: 26 Nov 2024 18:12

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:	91	Resp:	260916
Ion	Ratio	Lower	Upper
91	100		
92	53.3	26.8	80.3
134	25.0	12.8	38.4

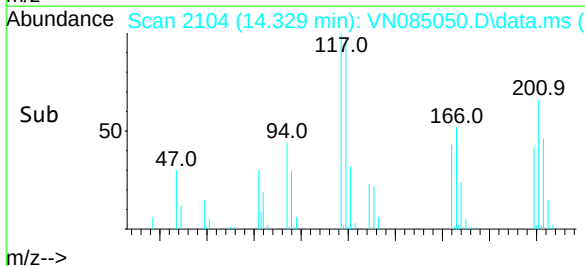
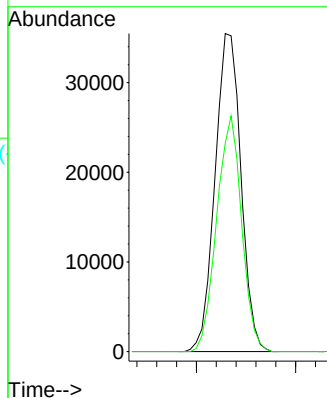
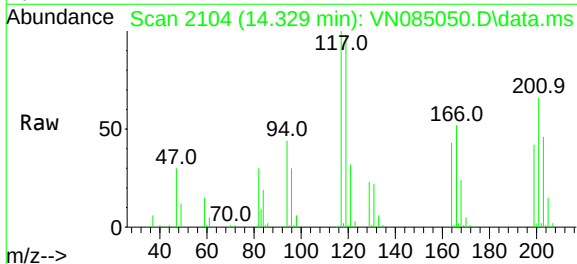
Manual Integrations
APPROVED

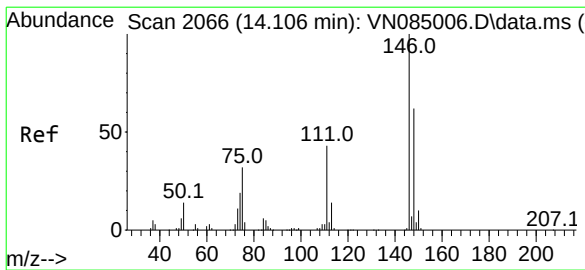
Reviewed By :John Carlone 11/27/2024
Supervised By :Mahesh Dadoda 11/27/2024



#90
Hexachloroethane
Concen: 44.778 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. -0.000 min
Lab File: VN085050.D
Acq: 26 Nov 2024 18:12

Tgt Ion:	117	Resp:	64448
Ion	Ratio	Lower	Upper
117	100		
201	71.3	35.2	105.6





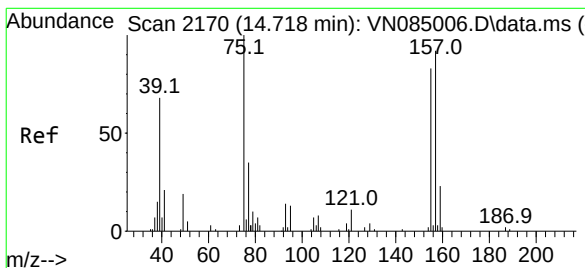
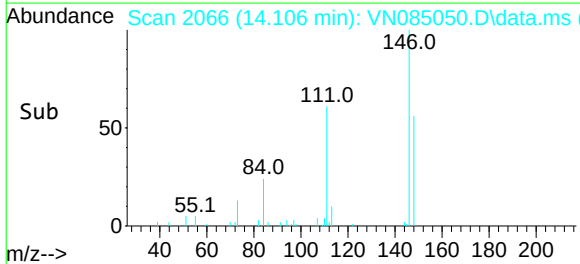
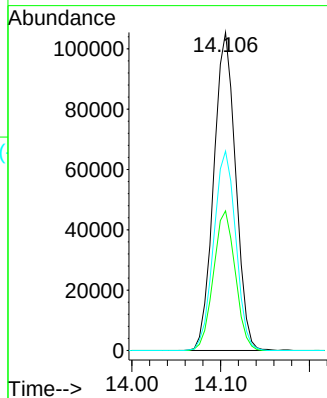
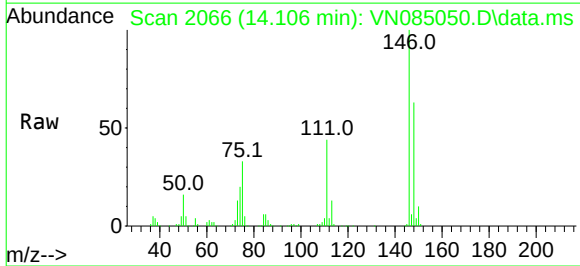
#91
1,2-Dichlorobenzene
Concen: 43.280 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN085050.D
Acq: 26 Nov 2024 18:12

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:146 Resp: 180536
Ion Ratio Lower Upper
146 100
111 43.8 21.9 65.8
148 63.5 31.1 93.2

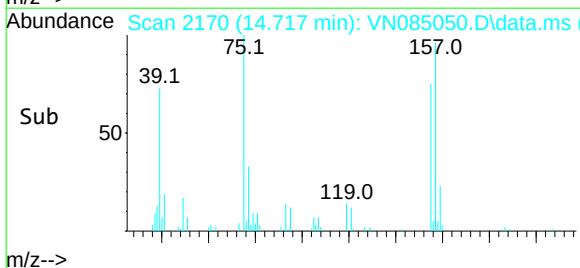
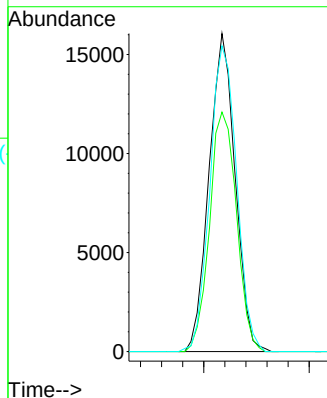
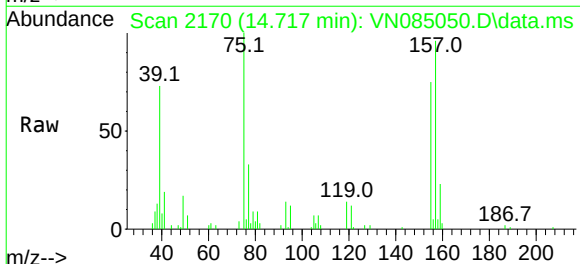
Manual Integrations
APPROVED

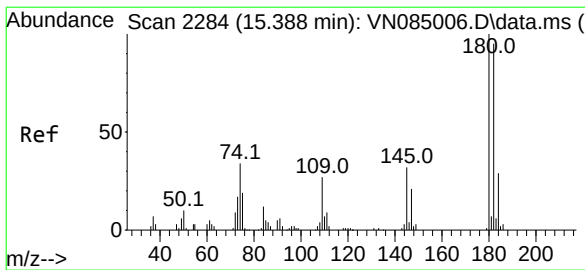
Reviewed By :John Carlone 11/27/2024
Supervised By :Mahesh Dadoda 11/27/2024



#92
1,2-Dibromo-3-Chloropropane
Concen: 50.973 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.000 min
Lab File: VN085050.D
Acq: 26 Nov 2024 18:12

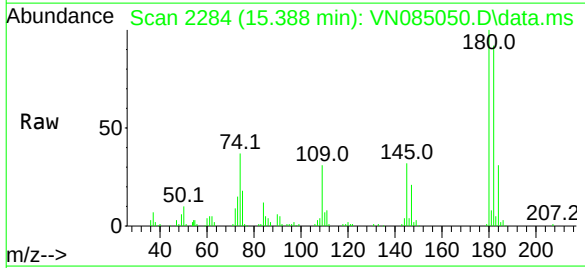
Tgt Ion: 75 Resp: 27604
Ion Ratio Lower Upper
75 100
155 77.8 38.9 116.7
157 98.6 48.3 144.9





#93
1,2,4-Trichlorobenzene
Concen: 39.459 ug/l
RT: 15.388 min Scan# 2284
Delta R.T. -0.000 min
Lab File: VN085050.D
Acq: 26 Nov 2024 18:12

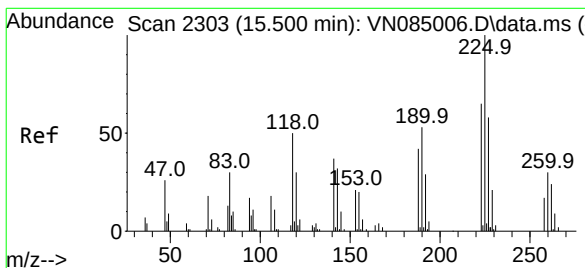
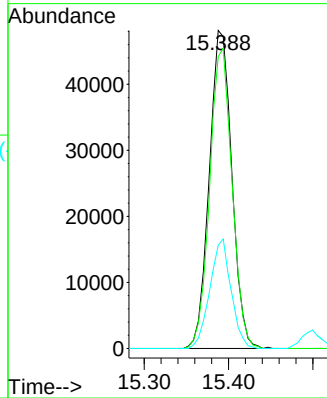
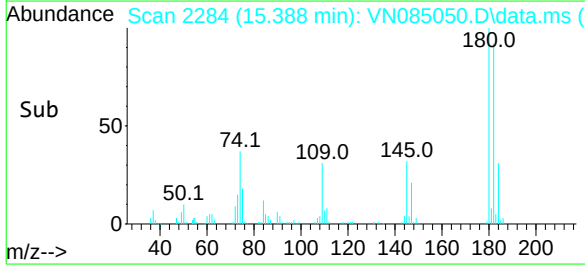
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



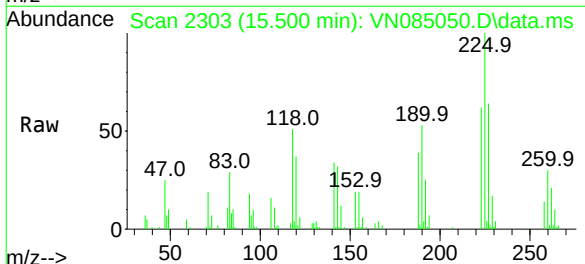
Tgt Ion:180 Resp: 89421
Ion Ratio Lower Upper
180 100
182 93.6 46.9 140.8
145 32.4 16.3 48.8

Manual Integrations
APPROVED

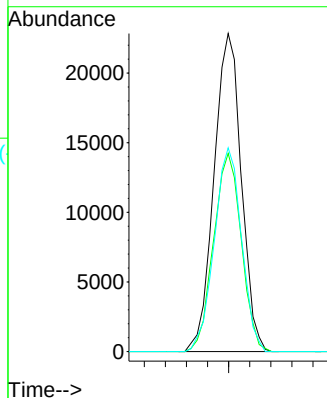
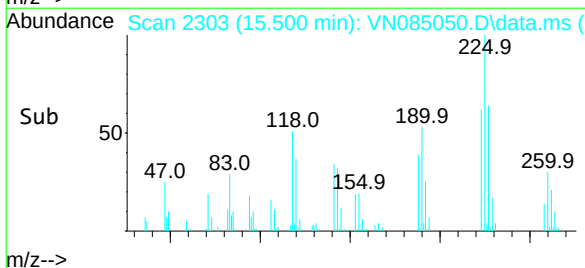
Reviewed By :John Carlone 11/27/2024
Supervised By :Mahesh Dadoda 11/27/2024

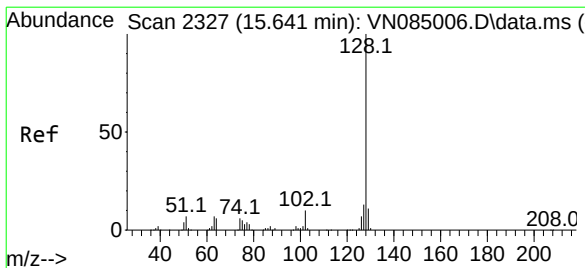


#94
Hexachlorobutadiene
Concen: 39.268 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. -0.000 min
Lab File: VN085050.D
Acq: 26 Nov 2024 18:12



Tgt Ion:225 Resp: 41070
Ion Ratio Lower Upper
225 100
223 63.2 30.9 92.8
227 63.8 31.5 94.5





#95

Naphthalene

Concen: 46.043 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. -0.000 min

Lab File: VN085050.D

Acq: 26 Nov 2024 18:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

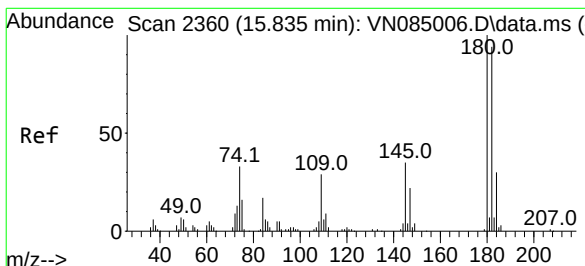
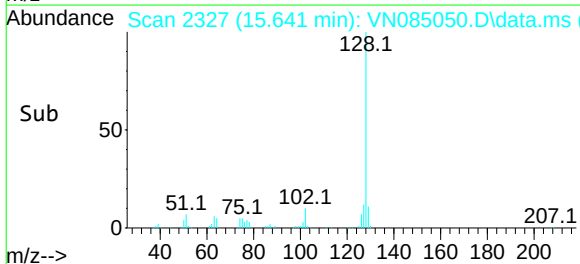
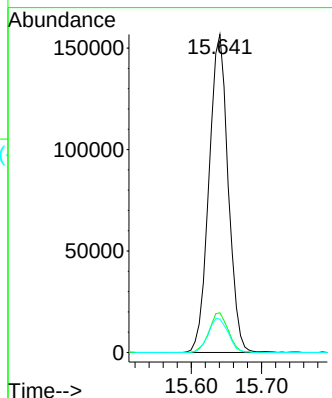
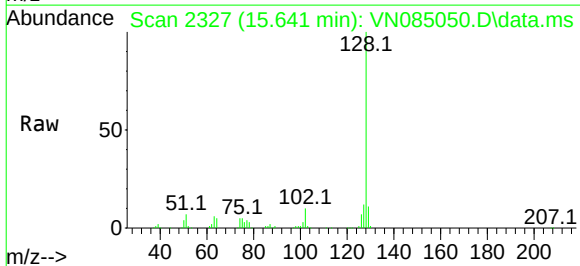
Tgt Ion:	128	Resp:	297179
Ion	Ratio	Lower	Upper
128	100		
127	12.5	10.6	16.0
129	11.1	8.6	12.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/27/2024

Supervised By :Mahesh Dadoda 11/27/2024



#96

1,2,3-Trichlorobenzene

Concen: 40.579 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. 0.006 min

Lab File: VN085050.D

Acq: 26 Nov 2024 18:12

Tgt Ion:	180	Resp:	87745
Ion	Ratio	Lower	Upper
180	100		
182	95.9	46.4	139.2
145	35.6	17.3	52.0

