

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120324\
 Data File : VN085073.D
 Acq On : 03 Dec 2024 11:41
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Dec 03 23:46:58 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

Manual Integrations APPROVED

Reviewed By : John Carlone 12/04/2024
 Supervised By : Mahesh Dadoda 12/04/2024

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

Internal Standards						
1) Pentafluorobenzene	8.218	168	163179	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.094	114	261946	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	223219	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	117464	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.571	65	112009	48.189	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	96.380%
35) Dibromofluoromethane	8.159	113	91215	51.637	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	103.280%
50) Toluene-d8	10.559	98	321920	50.851	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	101.700%
62) 4-Bromofluorobenzene	12.847	95	123840	52.309	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	104.620%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	80268	43.502	ug/l	94
3) Chloromethane	2.359	50	91780	42.886	ug/l	98
4) Vinyl Chloride	2.518	62	93817	48.781	ug/l	100
5) Bromomethane	2.906	94	51938	48.182	ug/l	95
6) Chloroethane	3.089	64	61072	47.112	ug/l	99
7) Trichlorofluoromethane	3.477	101	164456	50.268	ug/l	99
8) Diethyl Ether	3.953	74	57003	51.192	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.365	101	95582	51.512	ug/l	97
10) Methyl Iodide	4.583	142	128023	52.124	ug/l	98
11) Tert butyl alcohol	5.547	59	63185	203.423	ug/l	97
12) 1,1-Dichloroethene	4.330	96	87962	50.787	ug/l	96
13) Acrolein	4.165	56	57922	279.466	ug/l	98
14) Allyl chloride	5.012	41	142091	48.665	ug/l	99
15) Acrylonitrile	5.706	53	204614	232.679	ug/l	99
16) Acetone	4.418	43	198989	293.951	ug/l	99
17) Carbon Disulfide	4.706	76	252840	49.459	ug/l	98
18) Methyl Acetate	5.018	43	100371	46.304	ug/l	99
19) Methyl tert-butyl Ether	5.783	73	291478	51.508	ug/l	99
20) Methylene Chloride	5.265	84	99470	48.153	ug/l	96
21) trans-1,2-Dichloroethene	5.777	96	93054	51.055	ug/l	91
22) Diisopropyl ether	6.665	45	294773	50.162	ug/l	98
23) Vinyl Acetate	6.594	43	1054531	260.118	ug/l	99
24) 1,1-Dichloroethane	6.553	63	175070	49.784	ug/l	99
25) 2-Butanone	7.477	43	269648	243.640	ug/l	98
26) 2,2-Dichloropropane	7.482	77	167375	50.971	ug/l	99
27) cis-1,2-Dichloroethene	7.477	96	112441	51.174	ug/l	98
28) Bromochloromethane	7.806	49	62946	47.418	ug/l	96
29) Tetrahydrofuran	7.835	42	162801	236.543	ug/l	99
30) Chloroform	7.959	83	185036	49.465	ug/l	95
31) Cyclohexane	8.253	56	151864	49.048	ug/l	97
32) 1,1,1-Trichloroethane	8.159	97	171192	50.643	ug/l	100
36) 1,1-Dichloropropene	8.365	75	130852	54.689	ug/l	100
37) Ethyl Acetate	7.553	43	104016	47.819	ug/l	99
38) Carbon Tetrachloride	8.353	117	153722	55.659	ug/l	96
39) Methylcyclohexane	9.594	83	147801	59.445	ug/l	97
40) Benzene	8.600	78	404471	53.448	ug/l	98

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 VSTDCCC050

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 Quant Title : SW846 8260
 QLast Update : Sat Nov 23 02:54:10 2024
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/04/2024
 Supervised By : Mahesh Dadoda 12/04/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.771	41	61972	51.457	ug/l	99
42) 1,2-Dichloroethane	8.665	62	136068	52.557	ug/l	99
43) Isopropyl Acetate	8.682	43	185926	41.150	ug/l	96
44) Trichloroethene	9.347	130	93736	53.299	ug/l	92
45) 1,2-Dichloropropane	9.612	63	96853	51.962	ug/l	93
46) Dibromomethane	9.700	93	68245	52.692	ug/l	100
47) Bromodichloromethane	9.882	83	146407	53.336	ug/l	99
48) Methyl methacrylate	9.676	41	85361	50.769	ug/l	99
49) 1,4-Dioxane	9.694	88	27897	956.765	ug/l #	89
51) 4-Methyl-2-Pentanone	10.441	43	519619	251.786	ug/l	99
52) Toluene	10.623	92	248568	55.484	ug/l	100
53) t-1,3-Dichloropropene	10.829	75	146197	53.123	ug/l	98
54) cis-1,3-Dichloropropene	10.306	75	161362	55.269	ug/l	99
55) 1,1,2-Trichloroethane	11.012	97	90147	54.022	ug/l	100
56) Ethyl methacrylate	10.871	69	138929	56.976	ug/l	98
57) 1,3-Dichloropropane	11.159	76	155290	52.875	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.153	63	315323	263.627	ug/l	98
59) 2-Hexanone	11.194	43	397030	257.231	ug/l	99
60) Dibromochloromethane	11.353	129	108590	53.246	ug/l	96
61) 1,2-Dibromoethane	11.465	107	89419	51.778	ug/l	99
64) Tetrachloroethene	11.100	164	81408	54.124	ug/l	93
65) Chlorobenzene	11.888	112	262362	51.826	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.953	131	98383	55.198	ug/l	97
67) Ethyl Benzene	11.959	91	466421	56.790	ug/l	100
68) m/p-Xylenes	12.065	106	358411	114.623	ug/l	99
69) o-Xylene	12.394	106	169538	56.999	ug/l	99
70) Styrene	12.406	104	286199	57.861	ug/l	100
71) Bromoform	12.576	173	72155	54.537	ug/l #	98
73) Isopropylbenzene	12.694	105	434971	52.490	ug/l	99
74) N-ethyl acetate	12.488	43	164656	48.219	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.935	83	124379	43.955	ug/l	100
76) 1,2,3-Trichloropropane	12.988	75	94953m	44.442	ug/l	
77) Bromobenzene	12.976	156	107298	48.116	ug/l	100
78) n-propylbenzene	13.029	91	515096	53.892	ug/l	100
79) 2-Chlorotoluene	13.123	91	321016	50.313	ug/l	99
80) 1,3,5-Trimethylbenzene	13.170	105	378008	54.362	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	49572	51.219	ug/l	90
82) 4-Chlorotoluene	13.217	91	326165	49.106	ug/l	99
83) tert-Butylbenzene	13.435	119	316645	52.925	ug/l	99
84) 1,2,4-Trimethylbenzene	13.476	105	385296	53.830	ug/l	100
85) sec-Butylbenzene	13.611	105	440348	54.484	ug/l	99
86) p-Isopropyltoluene	13.723	119	381156	57.129	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	203496	46.265	ug/l	99
88) 1,4-Dichlorobenzene	13.811	146	203552	45.348	ug/l	99
89) n-Butylbenzene	14.053	91	321072	51.748	ug/l	100
90) Hexachloroethane	14.329	117	71963	49.483	ug/l	99
91) 1,2-Dichlorobenzene	14.100	146	196397	46.596	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	23032	42.092	ug/l	98
93) 1,2,4-Trichlorobenzene	15.388	180	105427	46.042	ug/l	100
94) Hexachlorobutadiene	15.500	225	48989	46.357	ug/l	97
95) Naphthalene	15.635	128	298843	45.823	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	102371	46.855	ug/l	97

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MSVOA_N
ClientSampleId :
VSTDCCC050

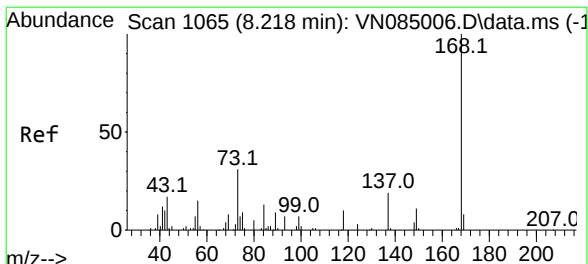
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 12/04/2024

Quant Time: Dec 03 23:46:58 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)

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



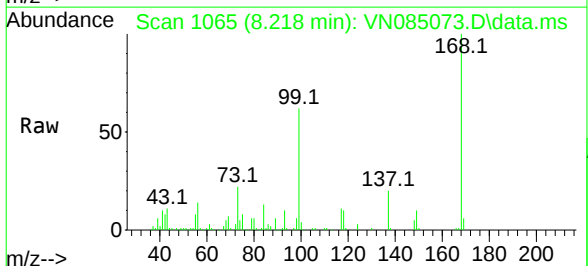
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN085073.D
Acq: 03 Dec 2024 11:41

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



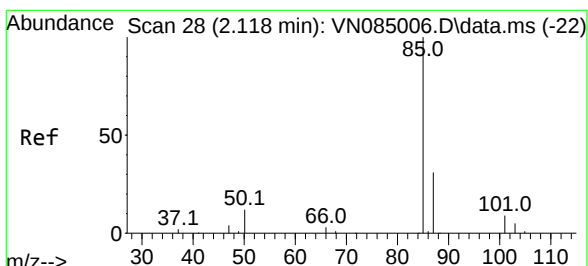
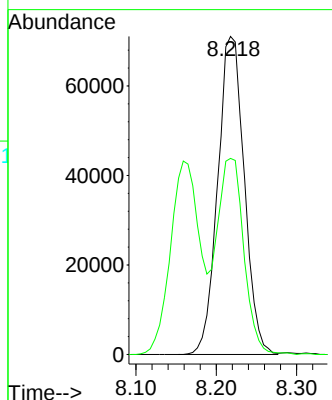
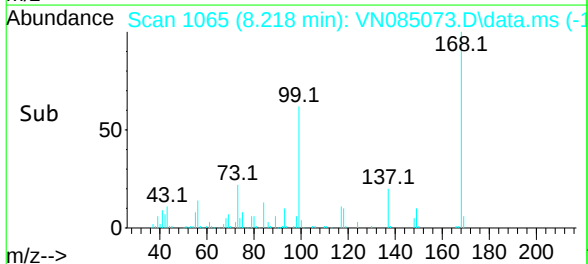
Tgt Ion:168 Resp: 163179
Ion Ratio Lower Upper
168 100
99 61.2 51.2 76.8

Manual Integrations

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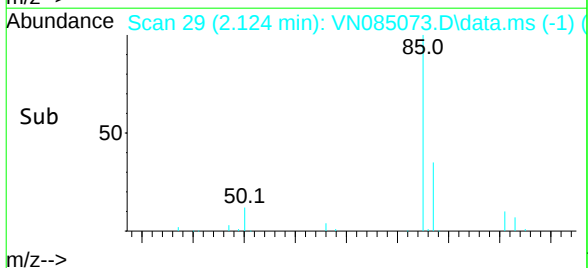
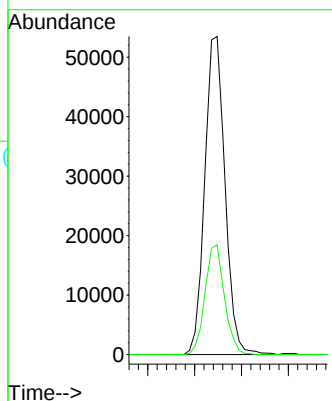
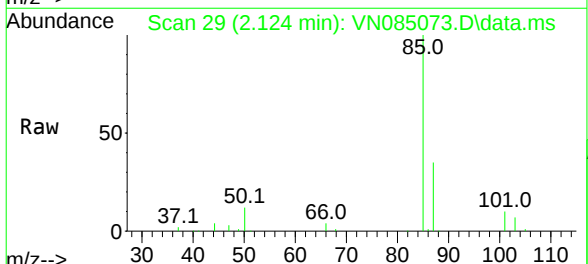
Reviewed By :John Carlone 12/04/2024

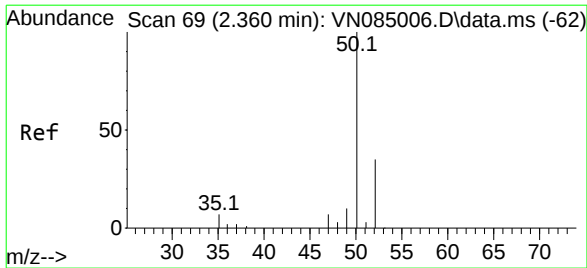
Supervised By :Mahesh Dadoda 12/04/2024



#2
Dichlorodifluoromethane
Concen: 43.502 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.006 min
Lab File: VN085073.D
Acq: 03 Dec 2024 11:41

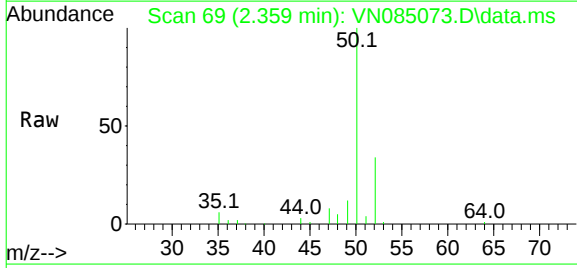
Tgt Ion: 85 Resp: 80268
Ion Ratio Lower Upper
85 100
87 34.5 15.7 47.1





#3
Chloromethane
Concen: 42.886 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN085073.D
Acq: 03 Dec 2024 11:41

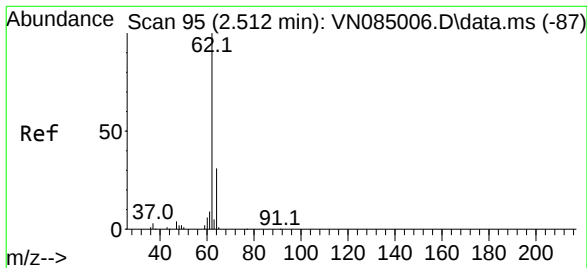
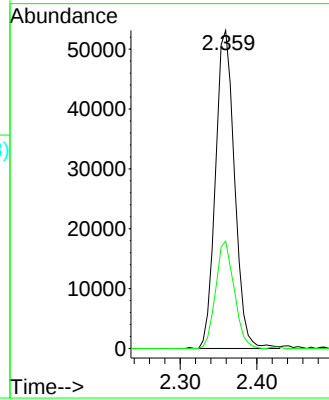
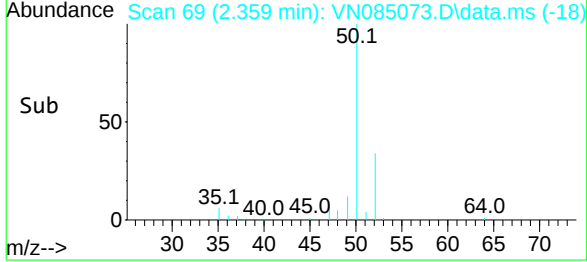
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 50 Resp: 91780
Ion Ratio Lower Upper
50 100
52 33.7 27.8 41.8

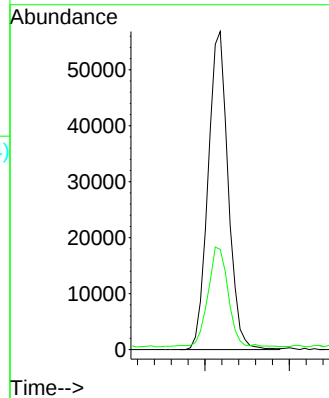
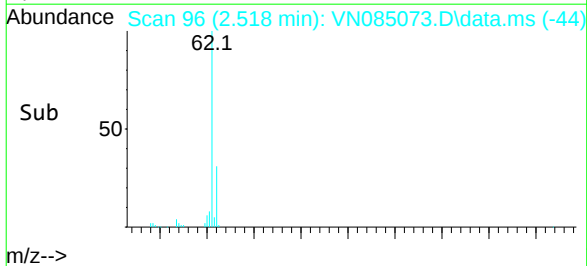
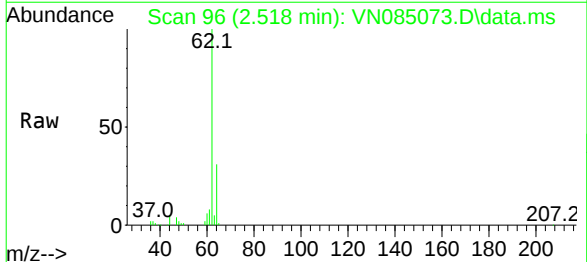
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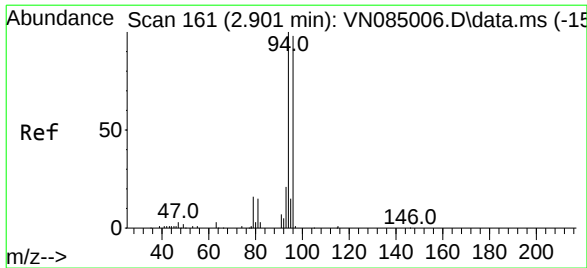
Reviewed By :John Carlone 12/04/2024
Supervised By :Mahesh Dadoda 12/04/2024



#4
Vinyl Chloride
Concen: 48.781 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.006 min
Lab File: VN085073.D
Acq: 03 Dec 2024 11:41

Tgt Ion: 62 Resp: 93817
Ion Ratio Lower Upper
62 100
64 30.5 24.6 36.8





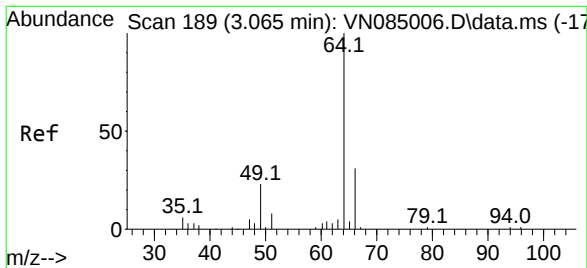
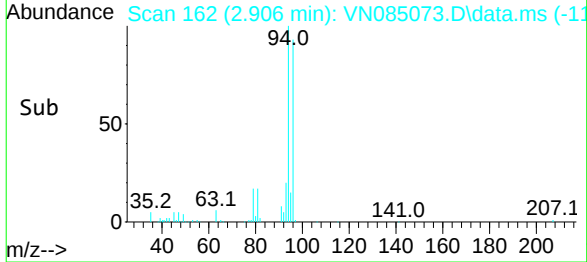
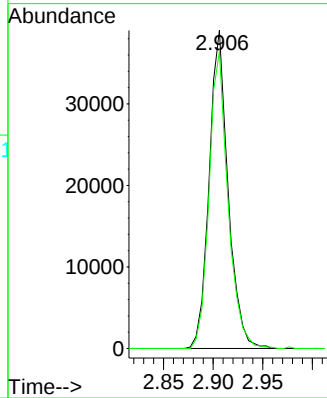
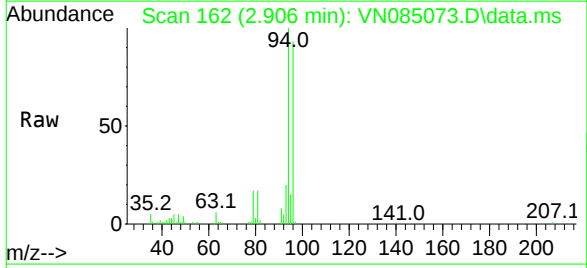
#5
Bromomethane
Concen: 48.182 ug/l
RT: 2.906 min Scan# 161
Delta R.T. 0.006 min
Lab File: VN085073.D
Acq: 03 Dec 2024 11:41

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 94 Resp: 51938
Ion Ratio Lower Upper
94 100
96 93.2 78.7 118.1

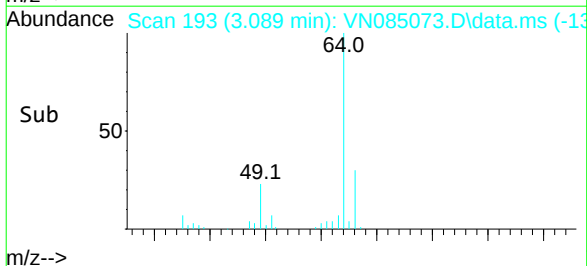
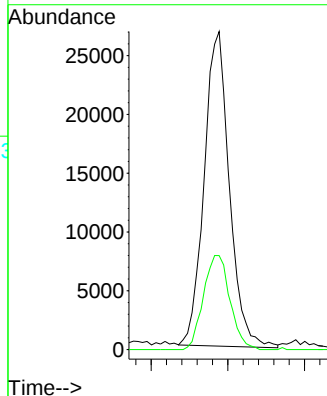
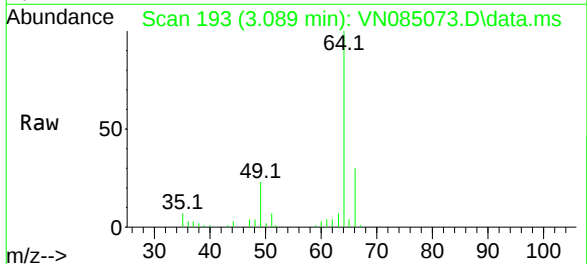
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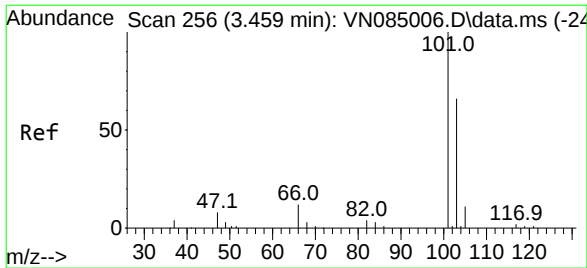
Reviewed By :John Carlone 12/04/2024
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#6
Chloroethane
Concen: 47.112 ug/l
RT: 3.089 min Scan# 193
Delta R.T. 0.023 min
Lab File: VN085073.D
Acq: 03 Dec 2024 11:41

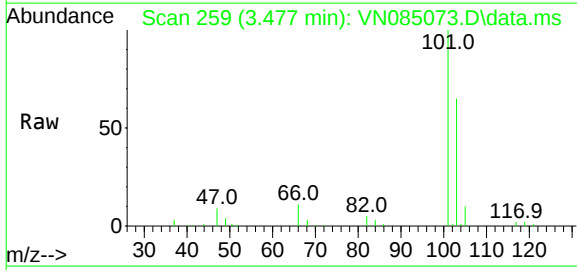
Tgt Ion: 64 Resp: 61072
Ion Ratio Lower Upper
64 100
66 30.0 24.4 36.6





#7
 Trichlorofluoromethane
 Concen: 50.268 ug/l
 RT: 3.477 min Scan# 256
 Delta R.T. 0.017 min
 Lab File: VN085073.D
 Acq: 03 Dec 2024 11:41

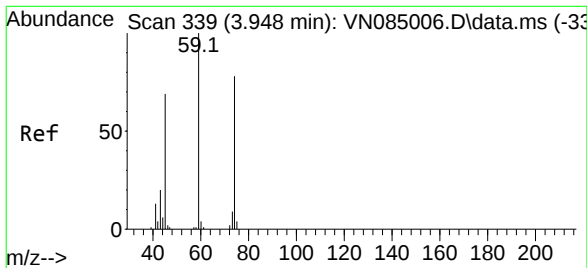
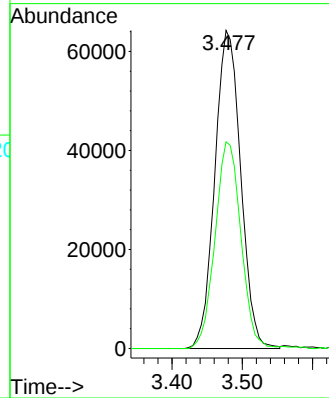
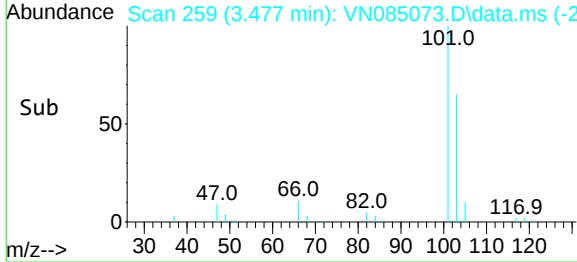
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 101 Resp: 164456
 Ion Ratio Lower Upper
 101 100
 103 65.0 52.6 78.8

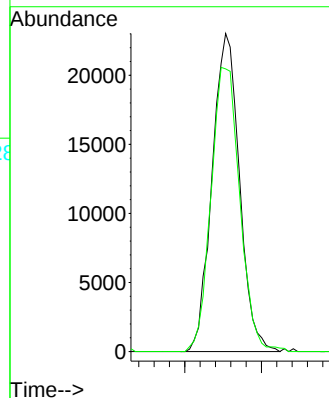
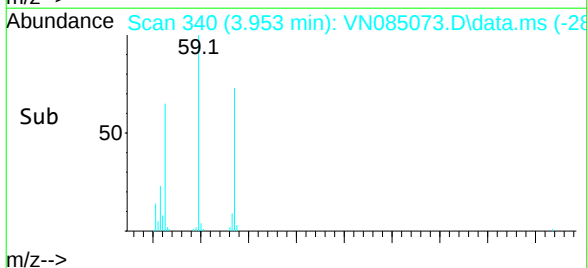
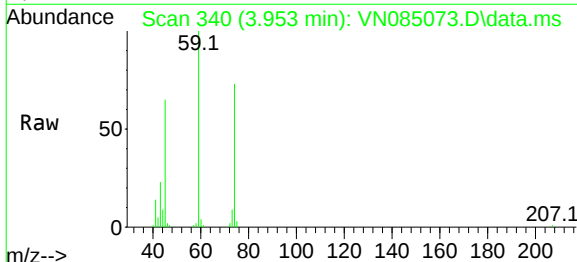
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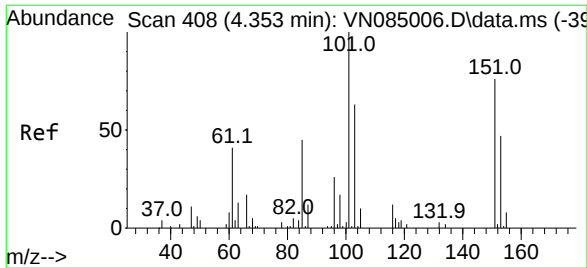
Reviewed By : John Carlone 12/04/2024
 Supervised By : Mahesh Dadoda 12/04/2024



#8
 Diethyl Ether
 Concen: 51.192 ug/l
 RT: 3.953 min Scan# 340
 Delta R.T. 0.006 min
 Lab File: VN085073.D
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Tgt Ion: 74 Resp: 57003
 Ion Ratio Lower Upper
 74 100
 45 94.1 46.7 140.1





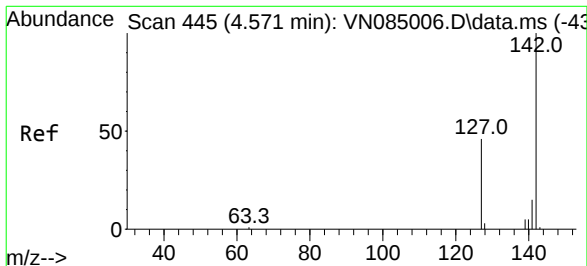
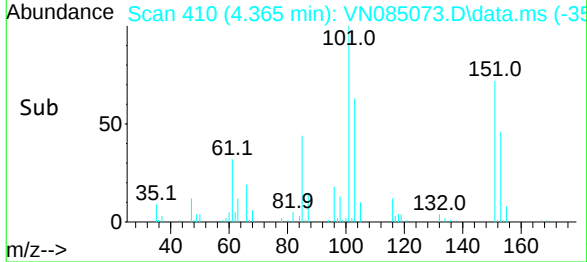
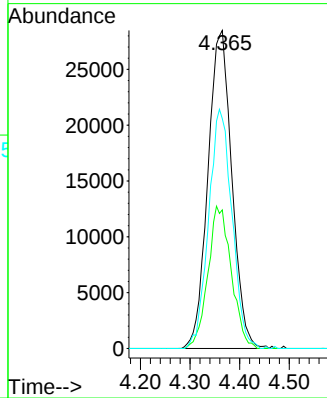
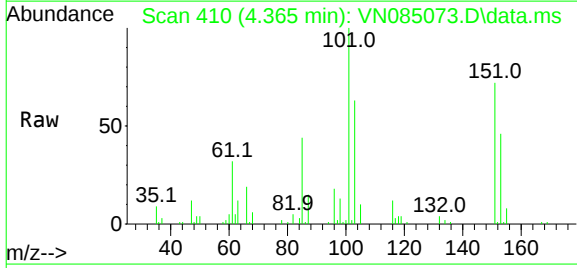
#9
1,1,2-Trichlorotrifluoroethane
Concen: 51.512 ug/l
RT: 4.365 min Scan# 411
Delta R.T. 0.012 min
Lab File: VN085073.D
Acq: 03 Dec 2024 11:41

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:	101	Resp:	95582
Ion Ratio	Lower	Upper	
101	100		
85	43.6	36.9	55.3
151	73.5	60.8	91.2

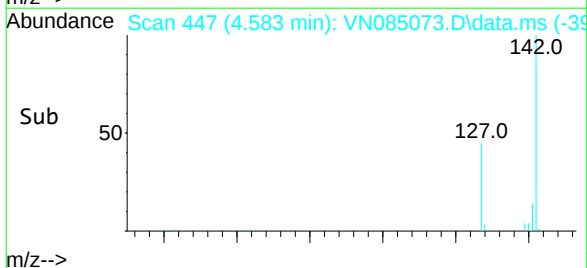
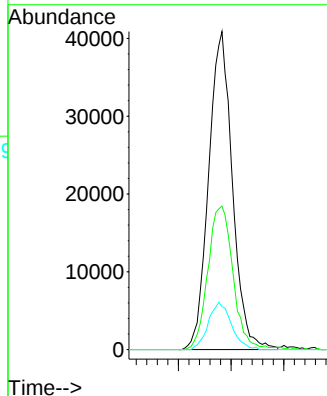
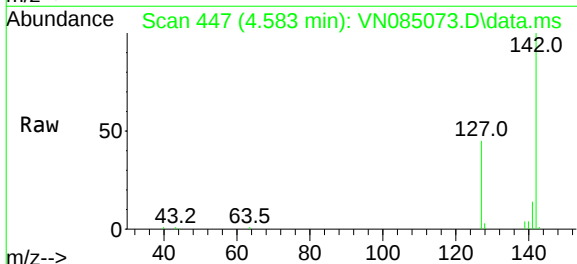
Manual Integrations
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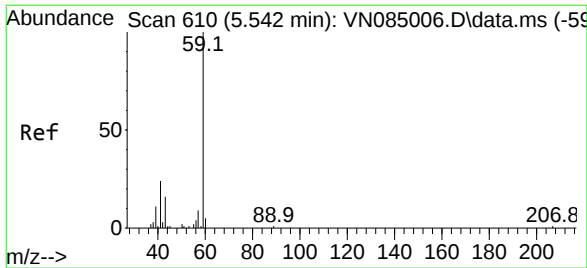
Reviewed By :John Carlone 12/04/2024
Supervised By :Mahesh Dadoda 12/04/2024



#10
Methyl Iodide
Concen: 52.124 ug/l
RT: 4.583 min Scan# 447
Delta R.T. 0.012 min
Lab File: VN085073.D
Acq: 03 Dec 2024 11:41

Tgt Ion:	142	Resp:	128023
Ion Ratio	Lower	Upper	
142	100		
127	45.1	36.6	54.8
141	13.5	12.2	18.4





#11

Tert butyl alcohol

Concen: 203.423 ug/l

RT: 5.547 min Scan# 61

Delta R.T. 0.006 min

Lab File: VN085073.D

Acq: 03 Dec 2024 11:41

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 59 Resp: 63185

Ion Ratio Lower Upper

59 100

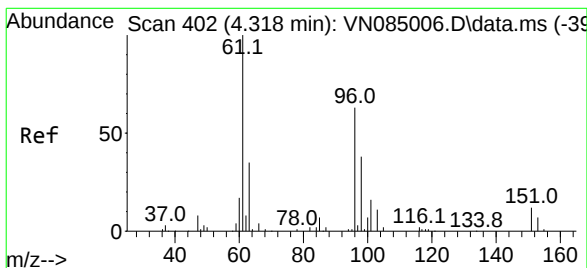
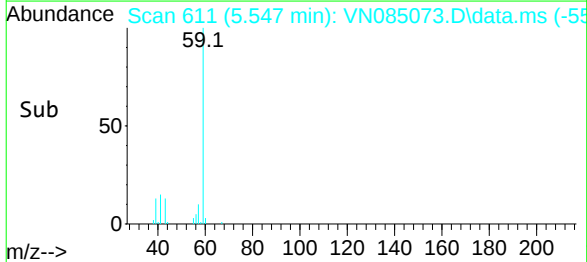
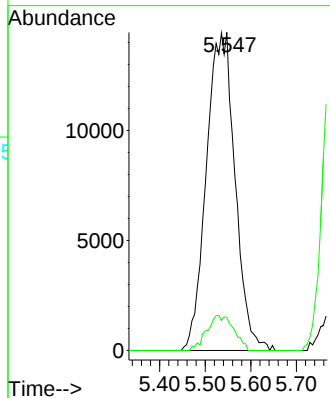
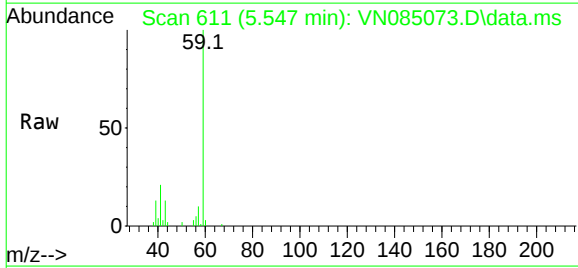
57 10.4 7.4 11.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/04/2024

Supervised By :Mahesh Dadoda 12/04/2024



#12

1,1-Dichloroethene

Concen: 50.787 ug/l

RT: 4.330 min Scan# 404

Delta R.T. 0.012 min

Lab File: VN085073.D

Acq: 03 Dec 2024 11:41

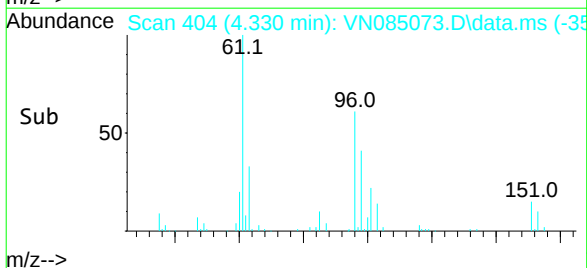
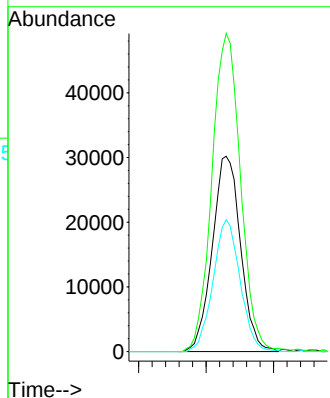
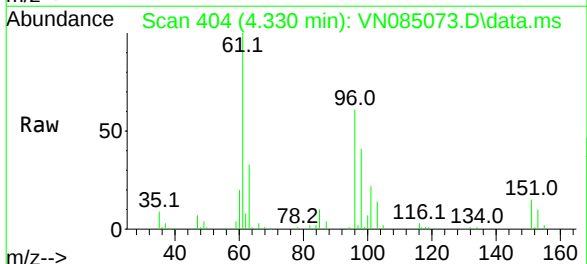
Tgt Ion: 96 Resp: 87962

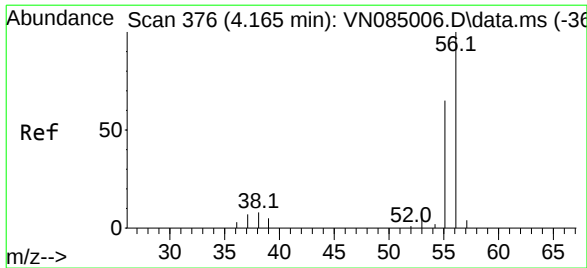
Ion Ratio Lower Upper

96 100

61 162.9 127.8 191.8

98 67.5 49.2 73.8





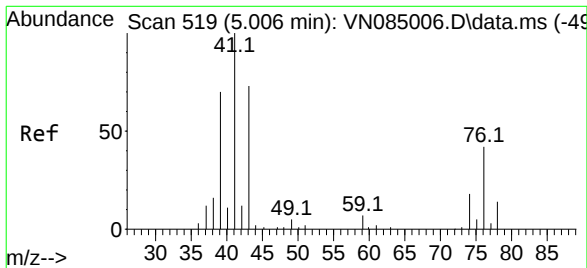
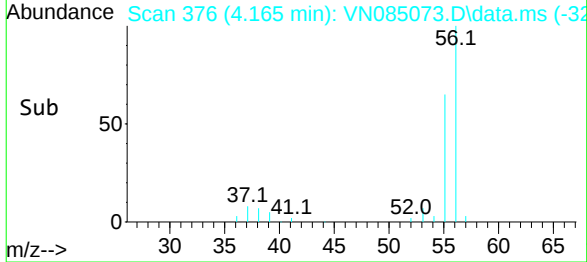
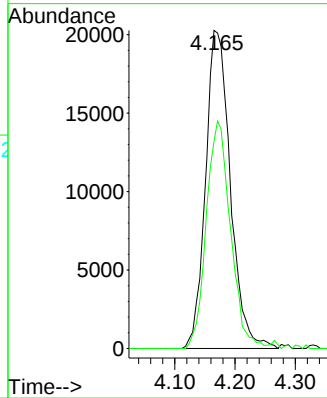
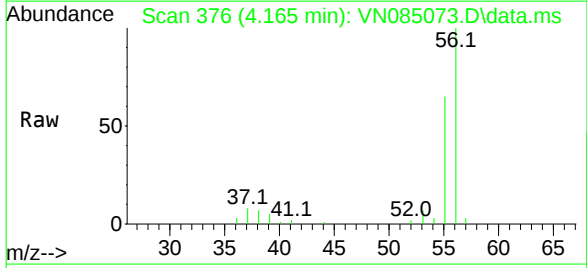
#13
Acrolein
Concen: 279.466 ug/l
RT: 4.165 min Scan# 376
Delta R.T. -0.000 min
Lab File: VN085073.D
Acq: 03 Dec 2024 11:41

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 56 Resp: 57922
Ion Ratio Lower Upper
56 100
55 69.6 54.5 81.7

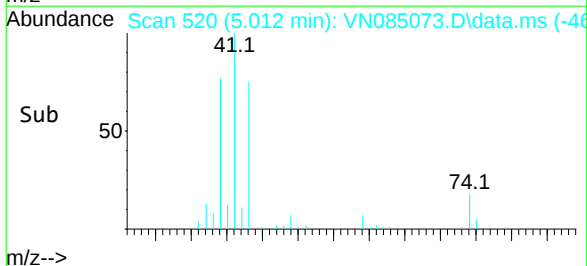
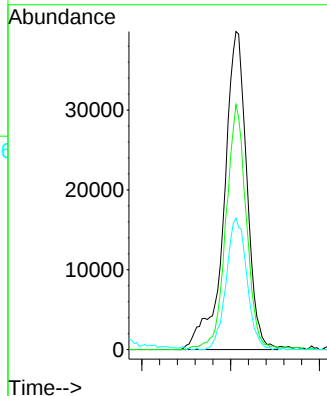
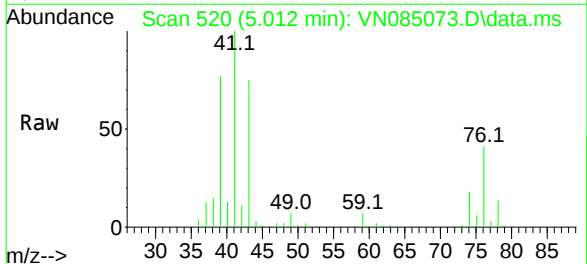
Manual Integrations
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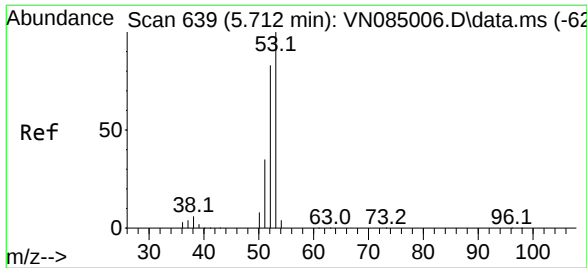
Reviewed By :John Carlone 12/04/2024
Supervised By :Mahesh Dadoda 12/04/2024



#14
Allyl chloride
Concen: 48.665 ug/l
RT: 5.012 min Scan# 520
Delta R.T. 0.006 min
Lab File: VN085073.D
Acq: 03 Dec 2024 11:41

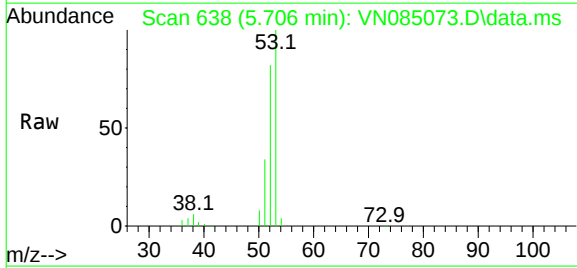
Tgt Ion: 41 Resp: 142091
Ion Ratio Lower Upper
41 100
39 68.6 53.8 80.8
76 37.4 29.3 43.9





#15
Acrylonitrile
Concen: 232.679 ug/l
RT: 5.706 min Scan# 639
Delta R.T. -0.006 min
Lab File: VN085073.D
Acq: 03 Dec 2024 11:41

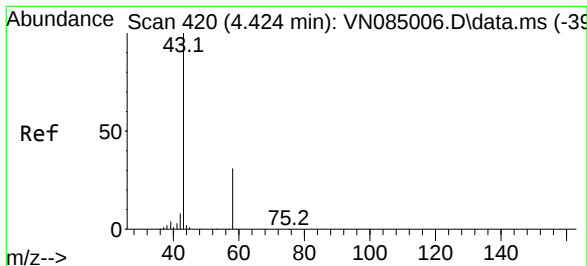
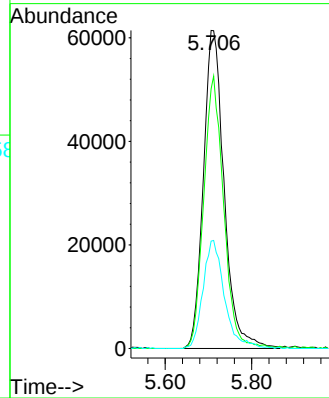
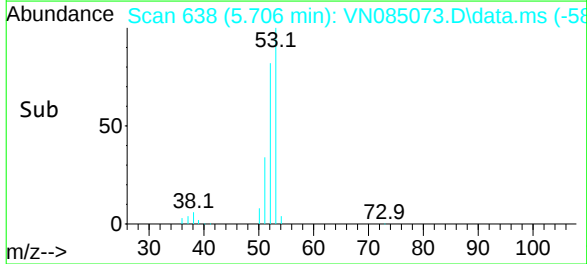
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 204614
Ion Ratio Lower Upper
53 100
52 82.4 65.5 98.3
51 35.2 28.4 42.6

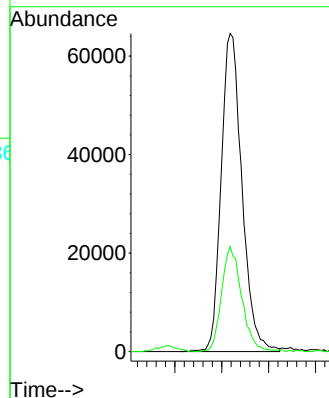
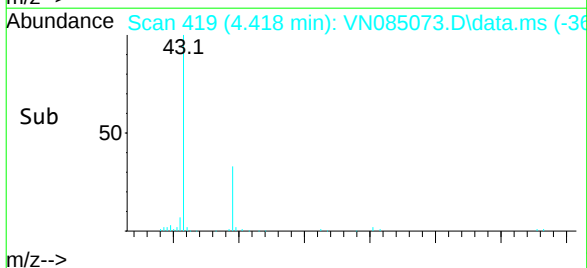
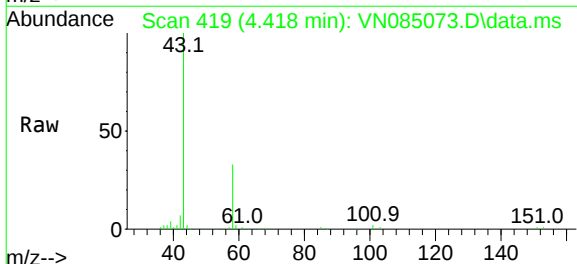
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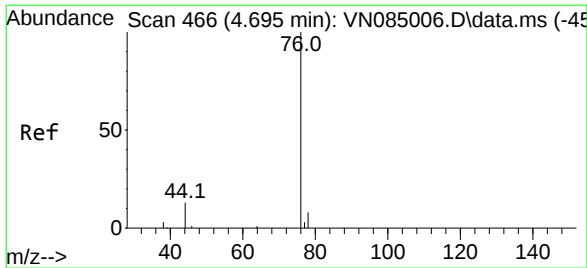
Reviewed By :John Carlone 12/04/2024
Supervised By :Mahesh Dadoda 12/04/2024



#16
Acetone
Concen: 293.951 ug/l
RT: 4.418 min Scan# 419
Delta R.T. -0.006 min
Lab File: VN085073.D
Acq: 03 Dec 2024 11:41

Tgt Ion: 43 Resp: 198989
Ion Ratio Lower Upper
43 100
58 32.6 25.4 38.2





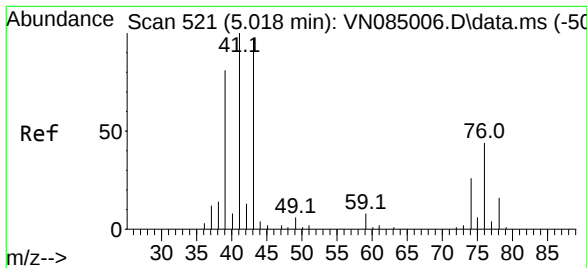
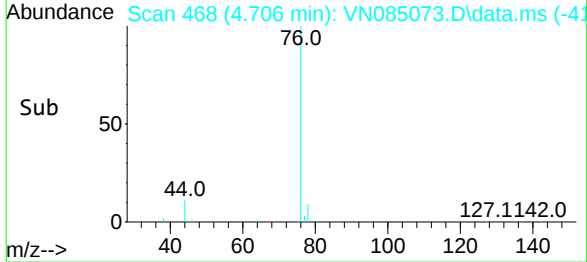
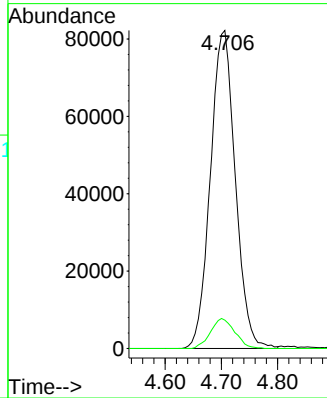
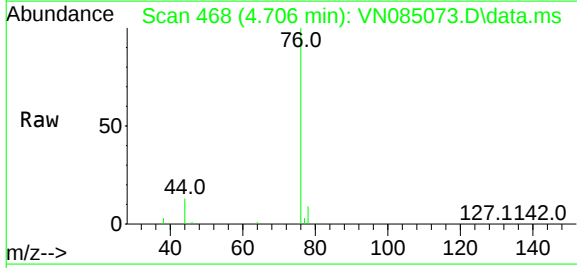
#17
Carbon Disulfide
Concen: 49.459 ug/l
RT: 4.706 min Scan# 466
Delta R.T. 0.012 min
Lab File: VN085073.D
Acq: 03 Dec 2024 11:41

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 252846
Ion Ratio Lower Upper
76 100
78 8.9 6.5 9.7

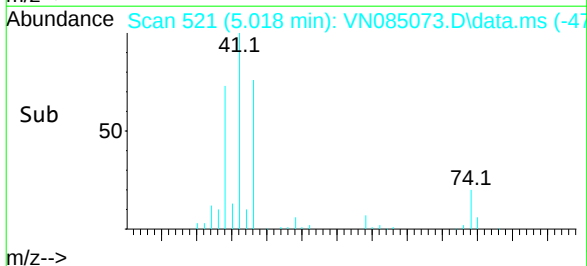
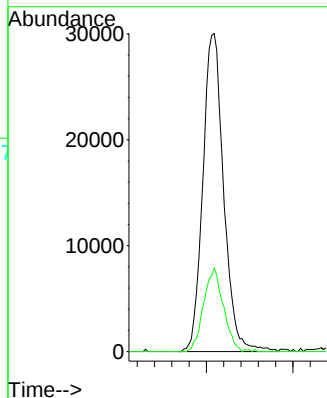
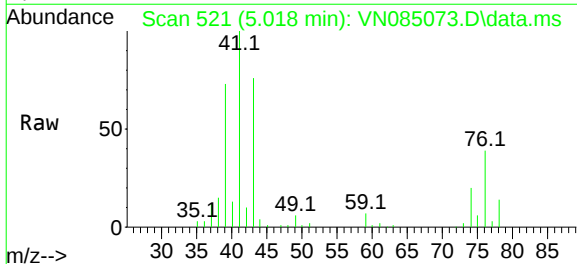
Manual Integrations
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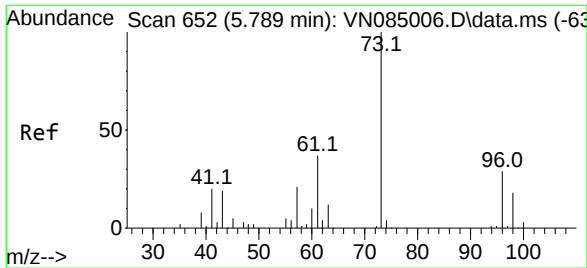
Reviewed By :John Carlone 12/04/2024
Supervised By :Mahesh Dadoda 12/04/2024



#18
Methyl Acetate
Concen: 46.304 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.000 min
Lab File: VN085073.D
Acq: 03 Dec 2024 11:41

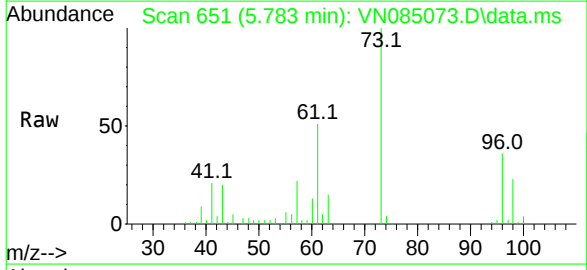
Tgt Ion: 43 Resp: 100371
Ion Ratio Lower Upper
43 100
74 24.8 20.1 30.1





#19
Methyl tert-butyl Ether
Concen: 51.508 ug/l
RT: 5.783 min Scan# 651
Delta R.T. -0.006 min
Lab File: VN085073.D
Acq: 03 Dec 2024 11:41

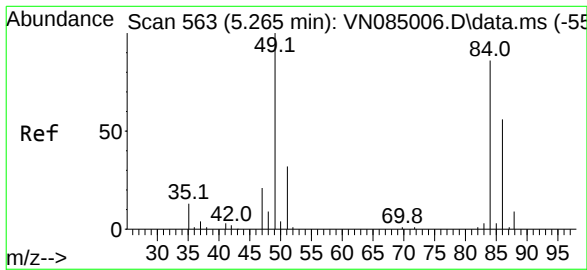
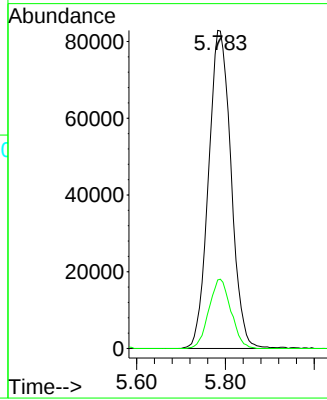
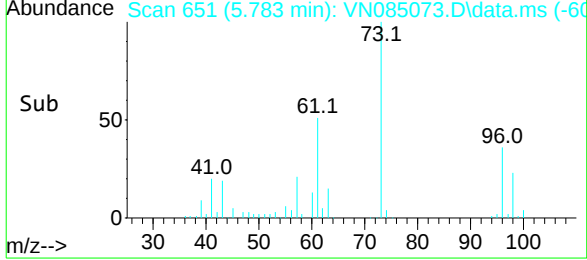
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 73 Resp: 291478
Ion Ratio Lower Upper
73 100
57 21.6 17.0 25.4

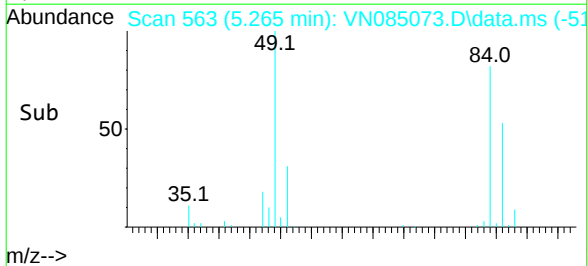
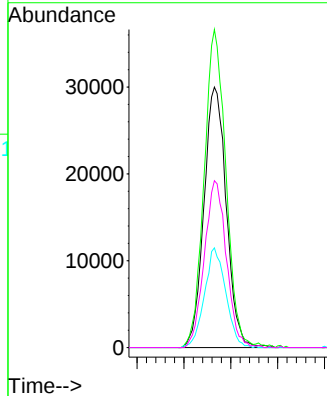
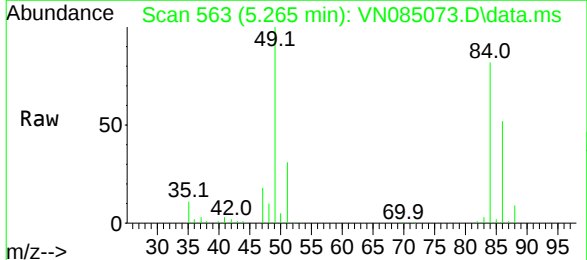
Manual Integrations
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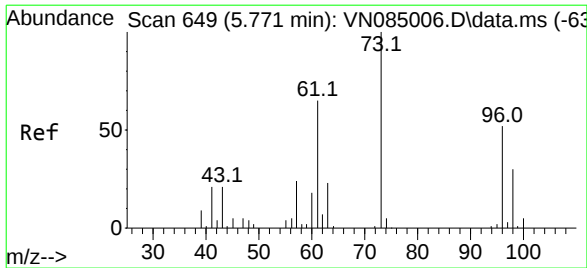
Reviewed By :John Carlone 12/04/2024
Supervised By :Mahesh Dadoda 12/04/2024



#20
Methylene Chloride
Concen: 48.153 ug/l
RT: 5.265 min Scan# 563
Delta R.T. -0.000 min
Lab File: VN085073.D
Acq: 03 Dec 2024 11:41

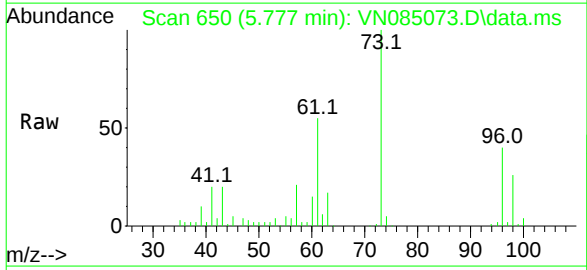
Tgt Ion: 84 Resp: 99470
Ion Ratio Lower Upper
84 100
49 122.1 92.7 139.1
51 38.3 29.4 44.2
86 64.1 51.9 77.9





#21
trans-1,2-Dichloroethene
Concen: 51.055 ug/l
RT: 5.777 min Scan# 65
Delta R.T. 0.006 min
Lab File: VN085073.D
Acq: 03 Dec 2024 11:41

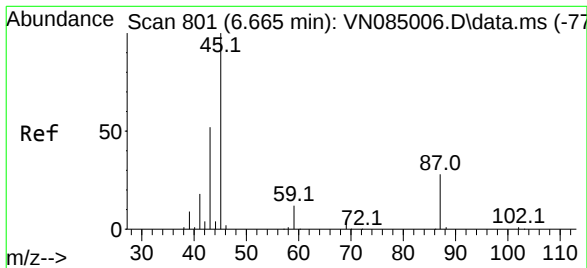
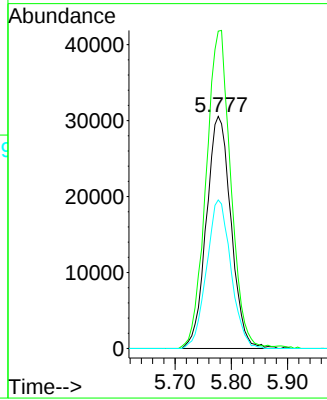
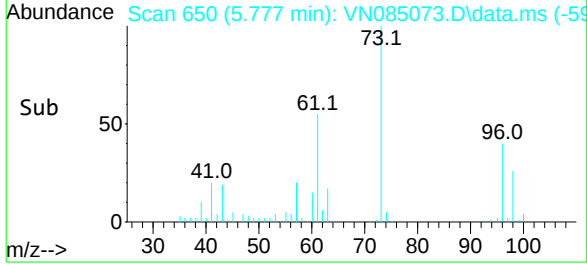
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



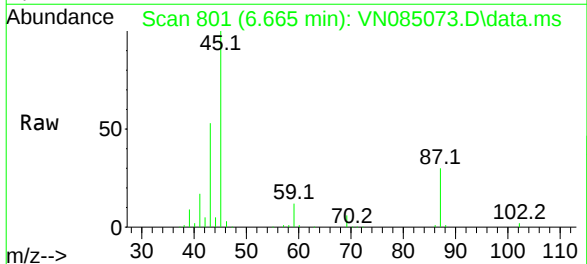
Tgt Ion: 96 Resp: 93054
Ion Ratio Lower Upper
96 100
61 136.7 100.7 151.1
98 64.0 45.8 68.6

Manual Integrations
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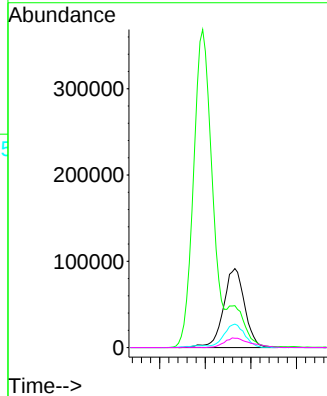
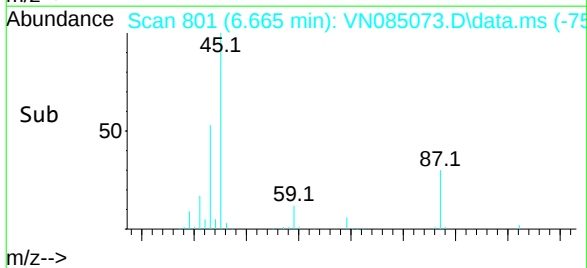
Reviewed By :John Carlone 12/04/2024
Supervised By :Mahesh Dadoda 12/04/2024

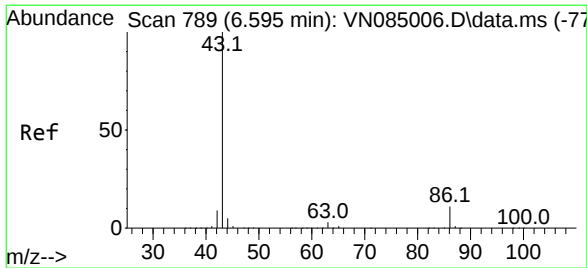


#22
Diisopropyl ether
Concen: 50.162 ug/l
RT: 6.665 min Scan# 801
Delta R.T. -0.000 min
Lab File: VN085073.D
Acq: 03 Dec 2024 11:41



Tgt Ion: 45 Resp: 294773
Ion Ratio Lower Upper
45 100
43 52.1 42.7 64.1
87 29.5 22.6 34.0
59 11.6 9.9 14.9





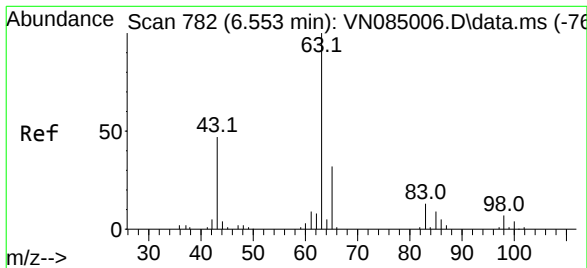
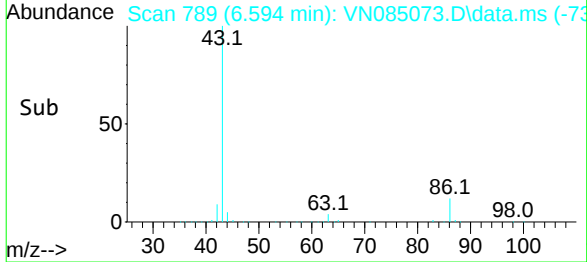
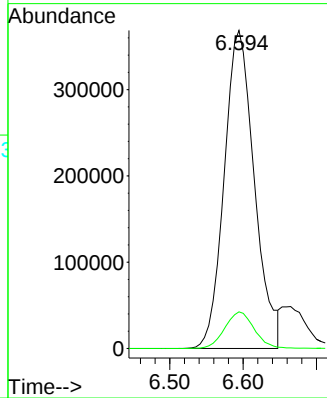
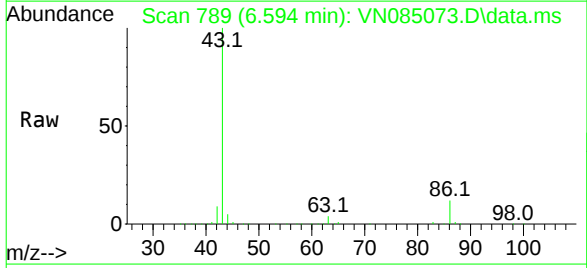
#23
 Vinyl Acetate
 Concen: 260.118 ug/l
 RT: 6.594 min Scan# 789
 Delta R.T. -0.000 min
 Lab File: VN085073.D
 Acq: 03 Dec 2024 11:41

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 1054531
 Ion Ratio Lower Upper
 43 100
 86 11.5 8.9 13.3

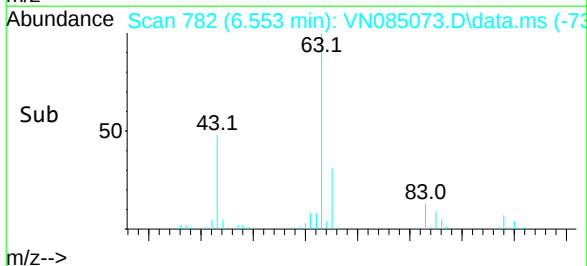
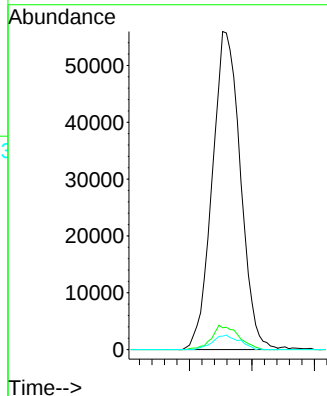
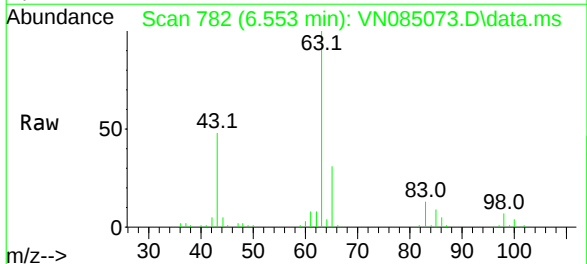
Manual Integrations
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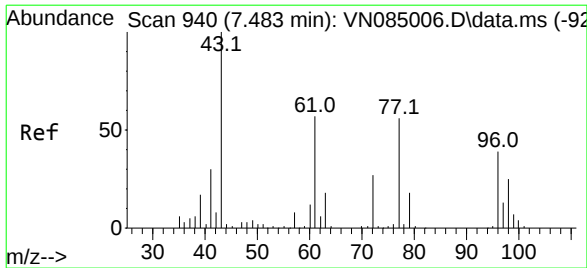
Reviewed By :John Carlone 12/04/2024
 Supervised By :Mahesh Dadoda 12/04/2024



#24
 1,1-Dichloroethane
 Concen: 49.784 ug/l
 RT: 6.553 min Scan# 782
 Delta R.T. -0.000 min
 Lab File: VN085073.D
 Acq: 03 Dec 2024 11:41

Tgt Ion: 63 Resp: 175070
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.3 9.8
 100 4.2 2.2 6.6





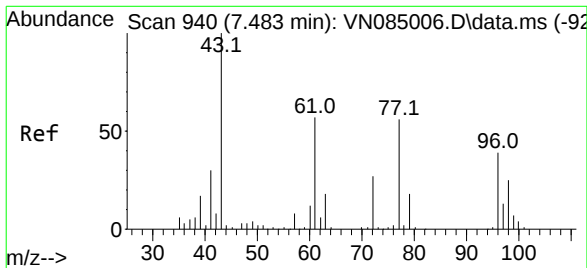
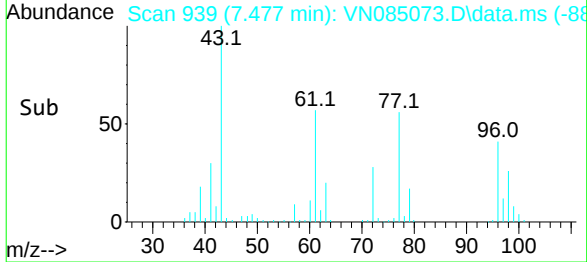
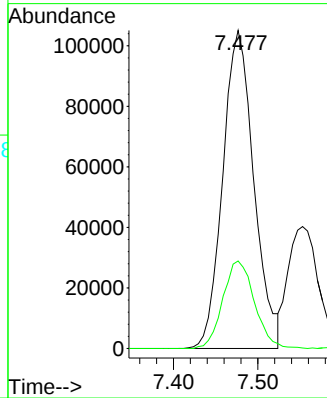
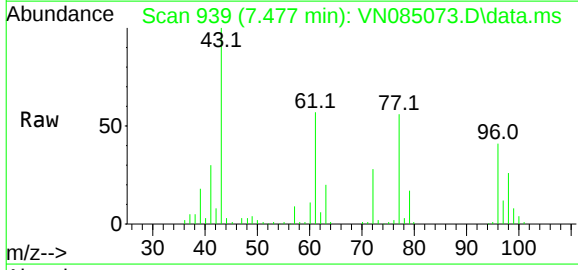
#25
2-Butanone
Concen: 243.640 ug/l
RT: 7.477 min Scan# 93
Delta R.T. -0.006 min
Lab File: VN085073.D
Acq: 03 Dec 2024 11:41

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 269648
Ion Ratio Lower Upper
43 100
72 27.5 21.4 32.0

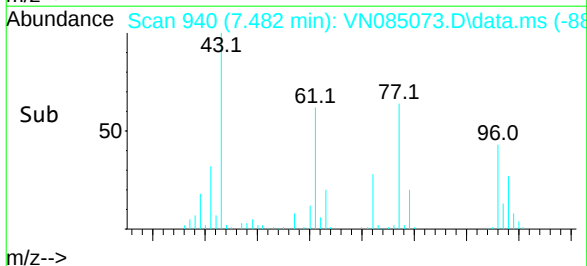
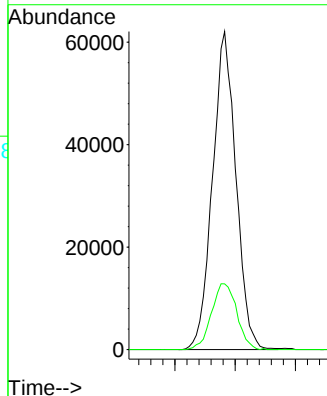
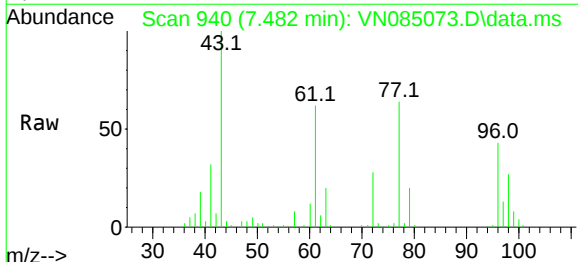
Manual Integrations
APPROVED

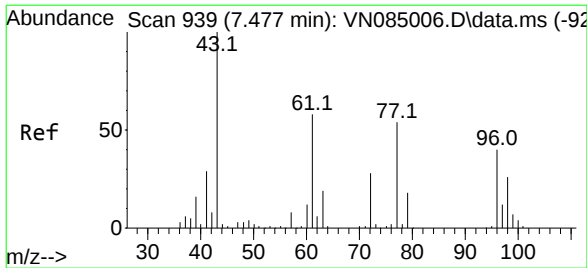
Reviewed By :John Carlone 12/04/2024
Supervised By :Mahesh Dadoda 12/04/2024



#26
2,2-Dichloropropane
Concen: 50.971 ug/l
RT: 7.482 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN085073.D
Acq: 03 Dec 2024 11:41

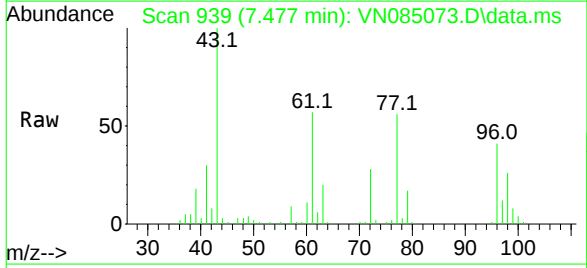
Tgt Ion: 77 Resp: 167375
Ion Ratio Lower Upper
77 100
97 22.4 10.9 32.7





#27
 cis-1,2-Dichloroethene
 Concen: 51.174 ug/l
 RT: 7.477 min Scan# 939
 Delta R.T. -0.000 min
 Lab File: VN085073.D
 Acq: 03 Dec 2024 11:41

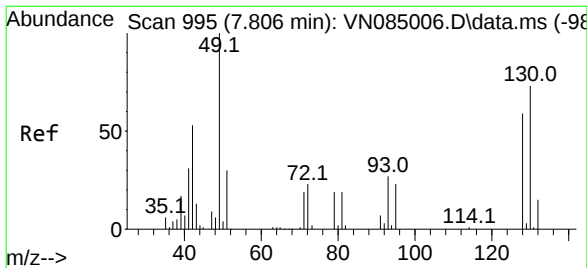
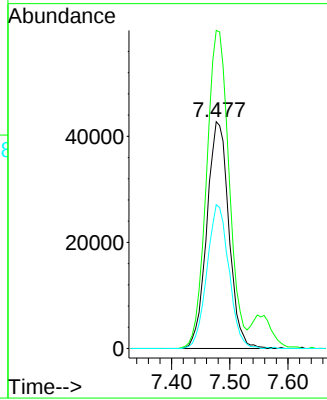
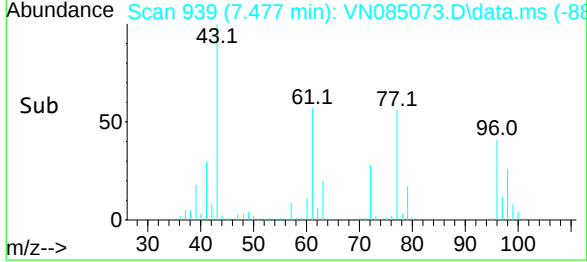
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 96 Resp: 112441
 Ion Ratio Lower Upper
 96 100
 61 143.7 0.0 291.6
 98 63.2 0.0 129.8

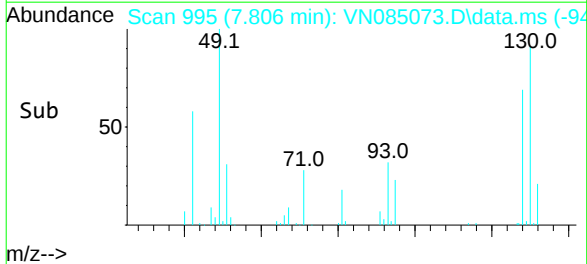
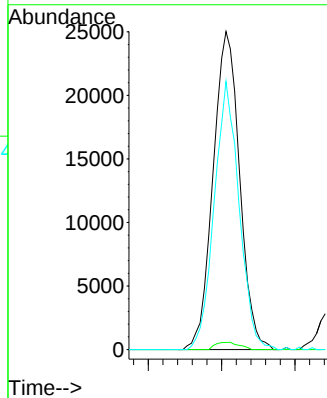
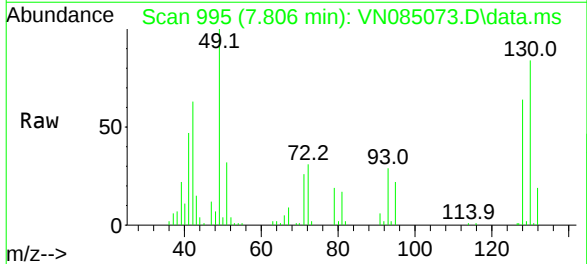
Manual Integrations
 APPROVED

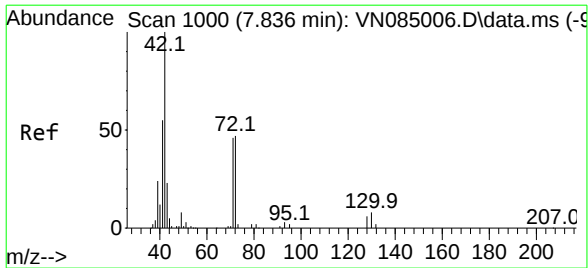
Reviewed By :John Carlone 12/04/2024
 Supervised By :Mahesh Dadoda 12/04/2024



#28
 Bromochloromethane
 Concen: 47.418 ug/l
 RT: 7.806 min Scan# 995
 Delta R.T. -0.000 min
 Lab File: VN085073.D
 Acq: 03 Dec 2024 11:41

Tgt Ion: 49 Resp: 62946
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 4.0
 130 78.9 60.6 90.8





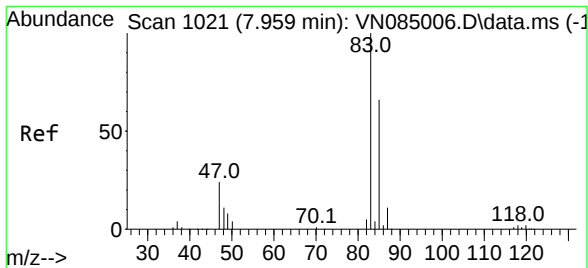
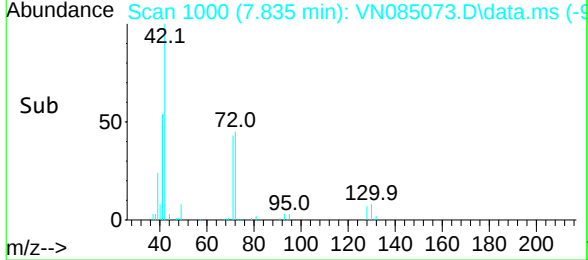
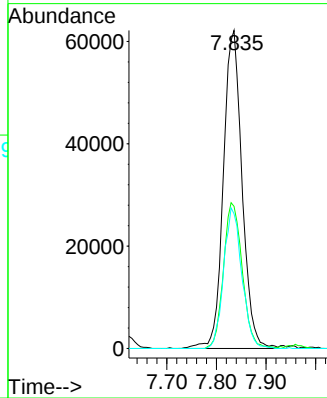
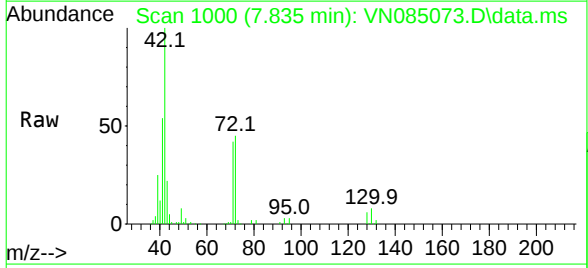
#29
Tetrahydrofuran
Concen: 236.543 ug/l
RT: 7.835 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VN085073.D
Acq: 03 Dec 2024 11:41

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 42 Resp: 162801
Ion Ratio Lower Upper
42 100
72 45.9 37.0 55.4
71 43.0 35.0 52.4

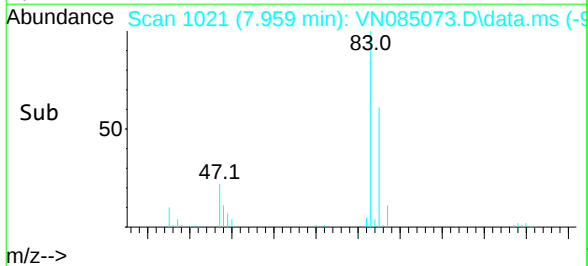
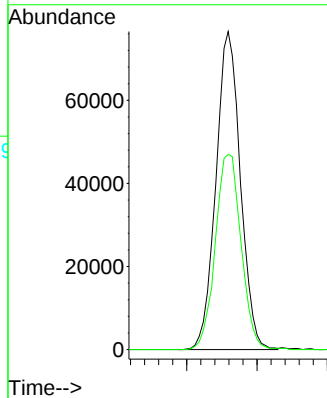
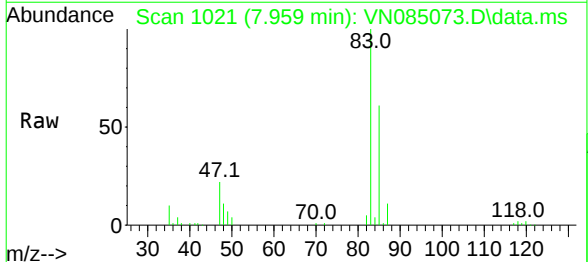
Manual Integrations
APPROVED

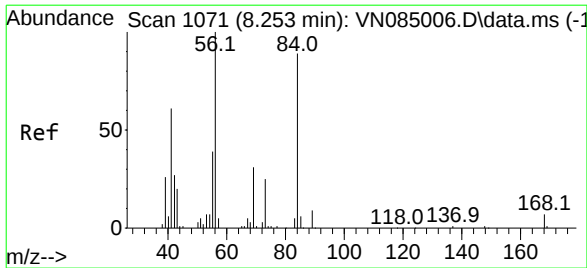
Reviewed By :John Carlone 12/04/2024
Supervised By :Mahesh Dadoda 12/04/2024



#30
Chloroform
Concen: 49.465 ug/l
RT: 7.959 min Scan# 1021
Delta R.T. -0.000 min
Lab File: VN085073.D
Acq: 03 Dec 2024 11:41

Tgt Ion: 83 Resp: 185036
Ion Ratio Lower Upper
83 100
85 61.4 52.6 78.8





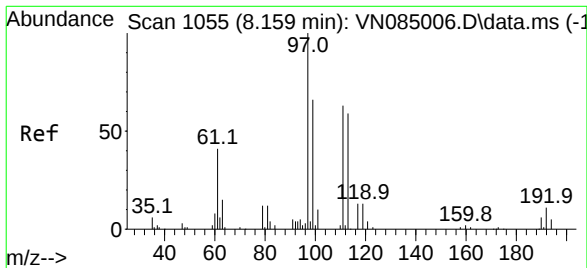
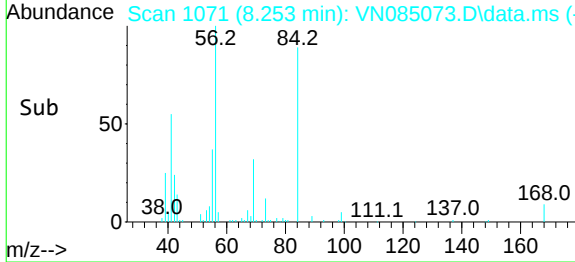
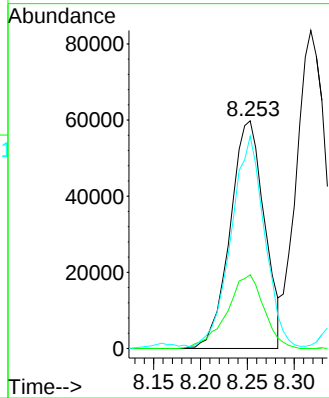
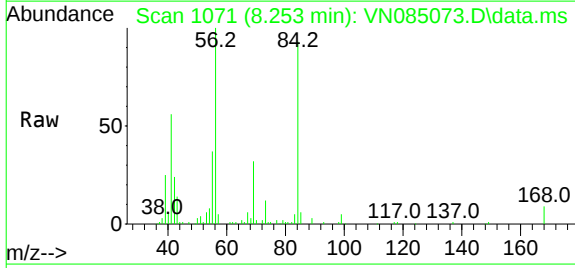
#31
Cyclohexane
Concen: 49.048 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. -0.000 min
Lab File: VN085073.D
Acq: 03 Dec 2024 11:41

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 56 Resp: 151864
Ion Ratio Lower Upper
56 100
69 32.4 24.6 36.8
84 92.2 71.4 107.2

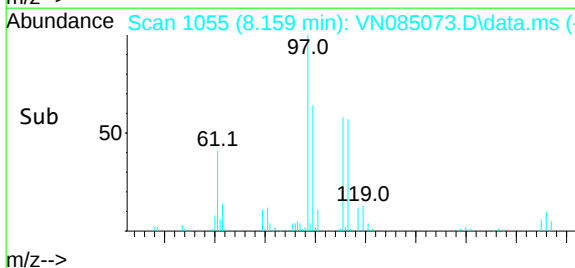
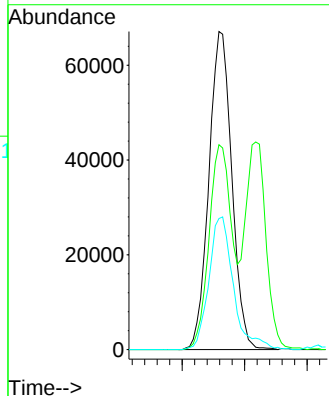
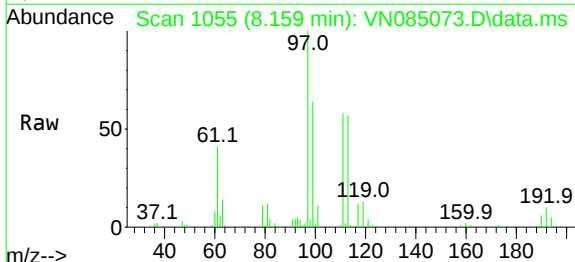
Manual Integrations
APPROVED

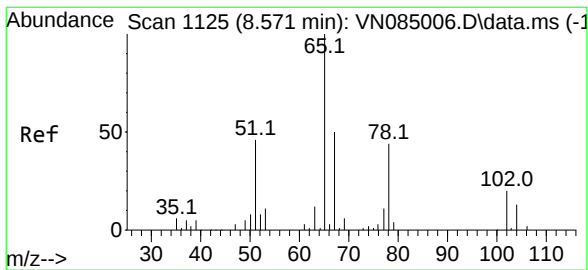
Reviewed By :John Carlone 12/04/2024
Supervised By :Mahesh Dadoda 12/04/2024



#32
1,1,1-Trichloroethane
Concen: 50.643 ug/l
RT: 8.159 min Scan# 1055
Delta R.T. -0.000 min
Lab File: VN085073.D
Acq: 03 Dec 2024 11:41

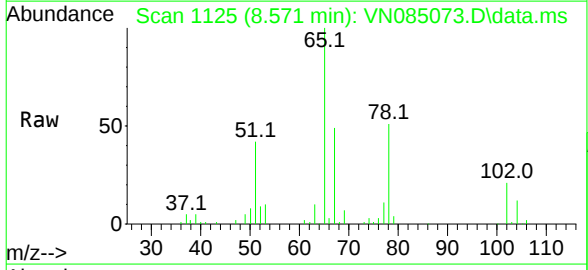
Tgt Ion: 97 Resp: 171192
Ion Ratio Lower Upper
97 100
99 63.5 51.0 76.4
61 44.7 36.2 54.2





#33
 1,2-Dichloroethane-d4
 Concen: 48.189 ug/l
 RT: 8.571 min Scan# 1125
 Delta R.T. -0.000 min
 Lab File: VN085073.D
 Acq: 03 Dec 2024 11:41

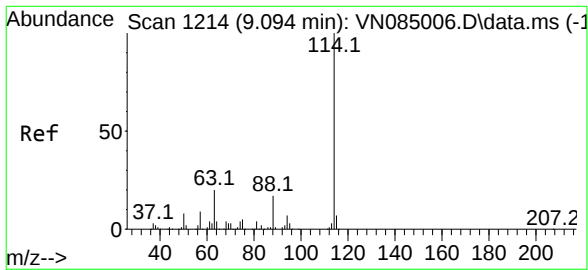
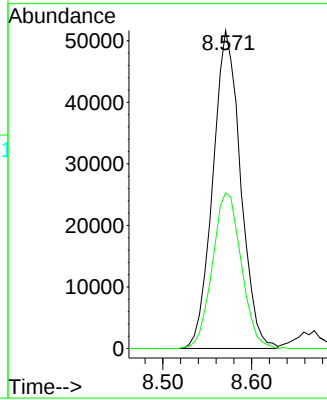
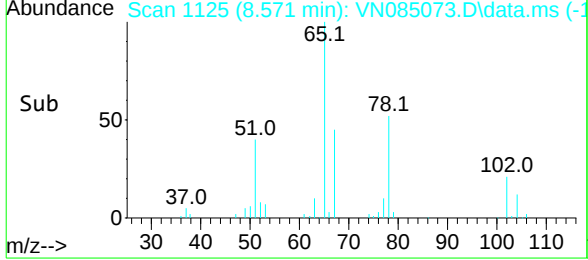
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 65 Resp: 112009
 Ion Ratio Lower Upper
 65 100
 67 50.9 0.0 105.0

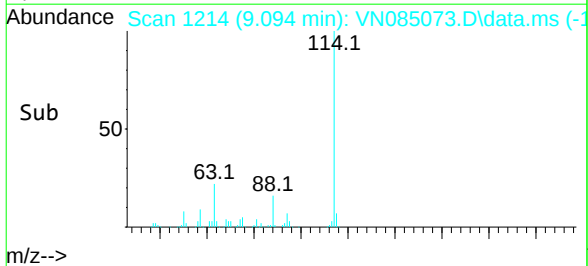
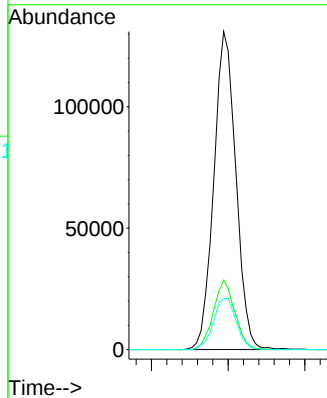
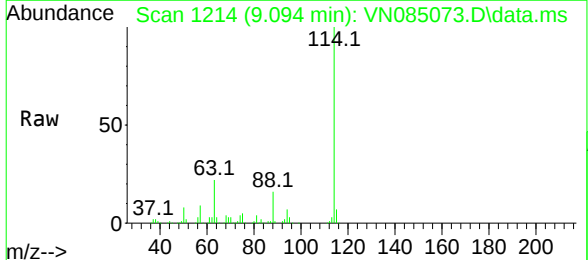
Manual Integrations
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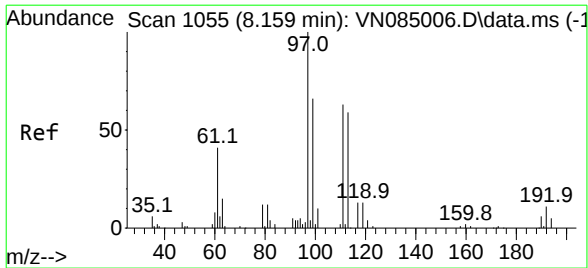
Reviewed By :John Carlone 12/04/2024
 Supervised By :Mahesh Dadoda 12/04/2024



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.094 min Scan# 1214
 Delta R.T. -0.000 min
 Lab File: VN085073.D
 Acq: 03 Dec 2024 11:41

Tgt Ion:114 Resp: 261946
 Ion Ratio Lower Upper
 114 100
 63 21.8 0.0 41.0
 88 16.0 0.0 34.8





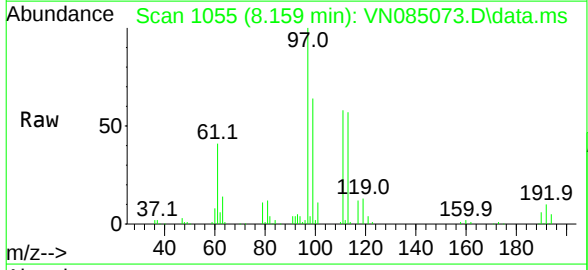
#35
 Dibromofluoromethane
 Concen: 51.637 ug/l
 RT: 8.159 min Scan# 1055
 Delta R.T. -0.000 min
 Lab File: VN085073.D
 Acq: 03 Dec 2024 11:41

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



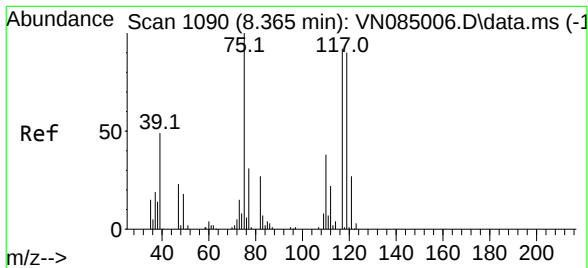
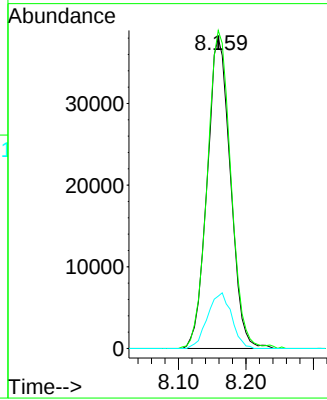
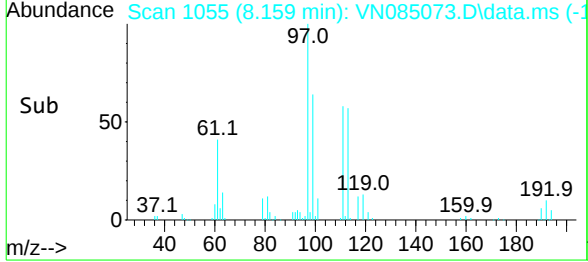
Tgt Ion:	113	Resp:	91215
Ion	Ratio	Lower	Upper
113	100		
111	103.8	82.0	123.0
192	18.5	14.8	22.2

Manual Integrations

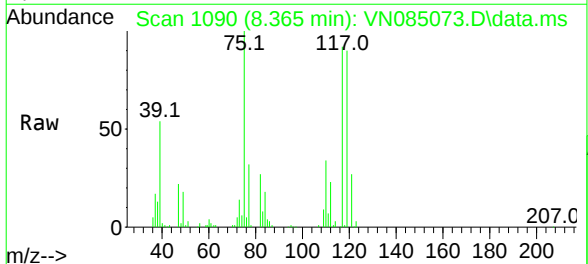
APPROVED

Reviewed By :John Carlone 12/04/2024

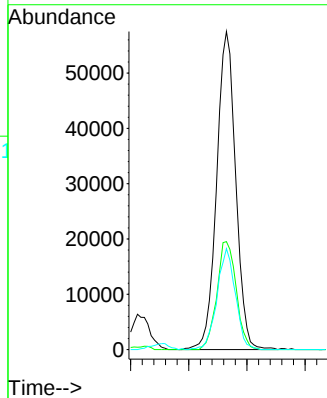
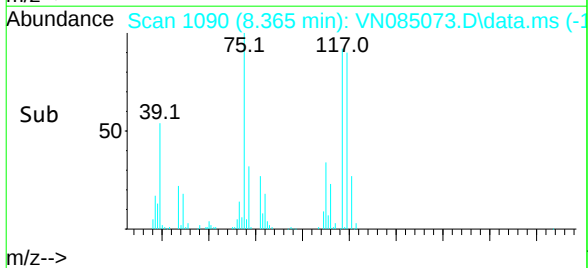
Supervised By :Mahesh Dadoda 12/04/2024

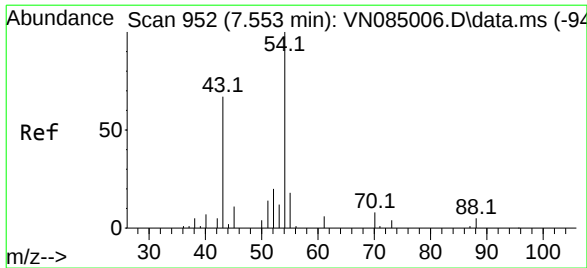


#36
 1,1-Dichloropropene
 Concen: 54.689 ug/l
 RT: 8.365 min Scan# 1090
 Delta R.T. -0.000 min
 Lab File: VN085073.D
 Acq: 03 Dec 2024 11:41



Tgt Ion:	75	Resp:	130852
Ion	Ratio	Lower	Upper
75	100		
110	34.5	17.2	51.6
77	30.6	24.2	36.4





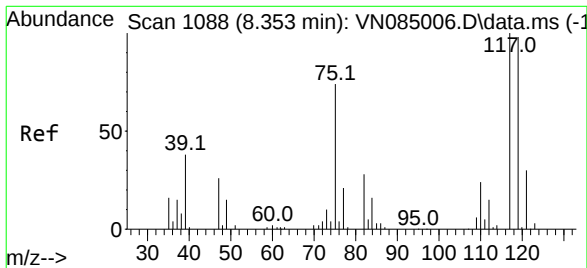
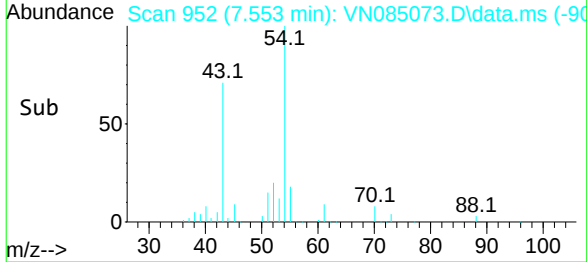
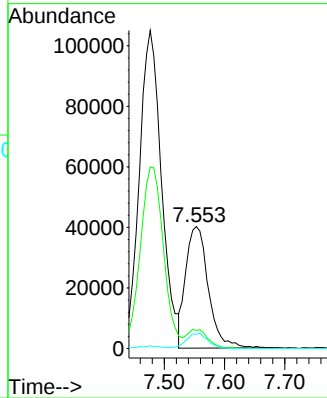
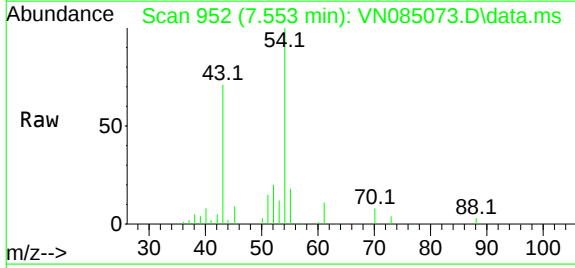
#37
Ethyl Acetate
Concen: 47.819 ug/l
RT: 7.553 min Scan# 952
Delta R.T. -0.000 min
Lab File: VN085073.D
Acq: 03 Dec 2024 11:41

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 104016
Ion Ratio Lower Upper
43 100
61 14.8 11.7 17.5
70 11.9 9.3 13.9

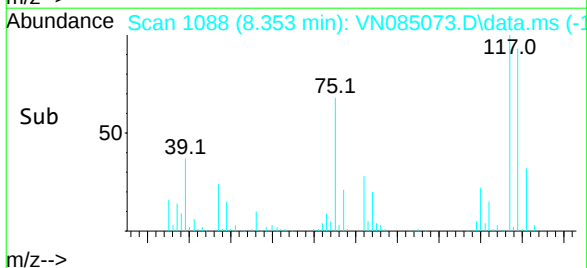
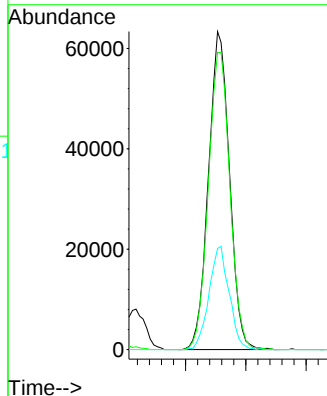
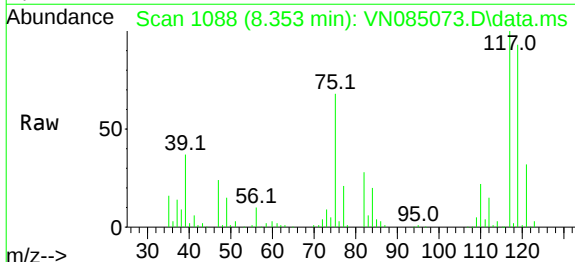
Manual Integrations
APPROVED

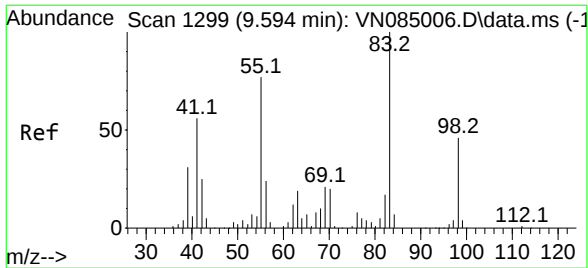
Reviewed By :John Carlone 12/04/2024
Supervised By :Mahesh Dadoda 12/04/2024



#38
Carbon Tetrachloride
Concen: 55.659 ug/l
RT: 8.353 min Scan# 1088
Delta R.T. -0.000 min
Lab File: VN085073.D
Acq: 03 Dec 2024 11:41

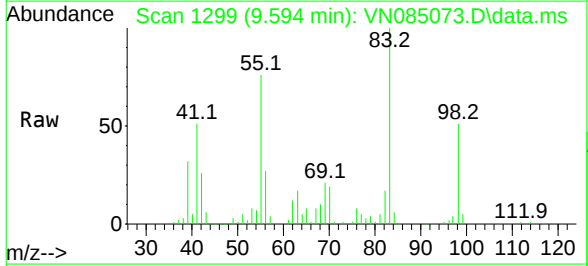
Tgt Ion:117 Resp: 153722
Ion Ratio Lower Upper
117 100
119 93.5 78.6 117.8
121 31.8 24.2 36.2





#39
Methylcyclohexane
Concen: 59.445 ug/l
RT: 9.594 min Scan# 1299
Delta R.T. -0.000 min
Lab File: VN085073.D
Acq: 03 Dec 2024 11:41

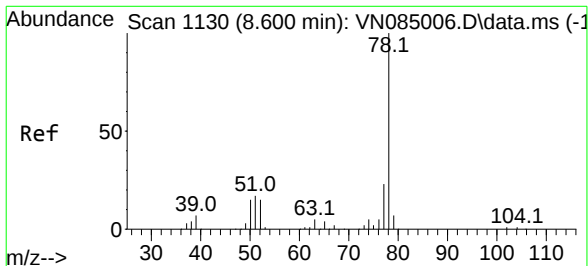
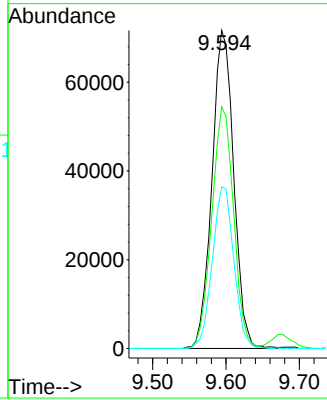
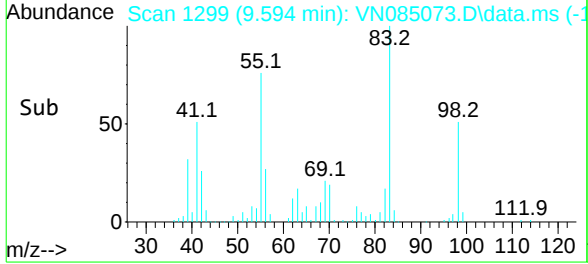
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 147801
Ion Ratio Lower Upper
83 100
55 76.0 61.8 92.6
98 50.9 37.0 55.6

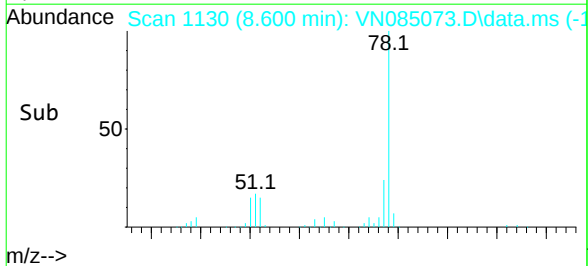
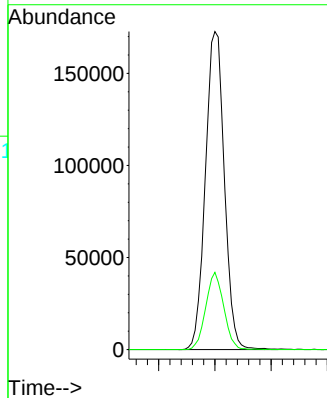
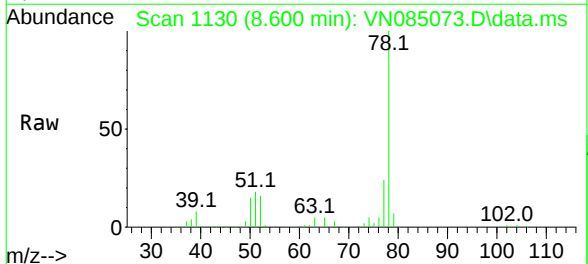
Manual Integrations
APPROVED

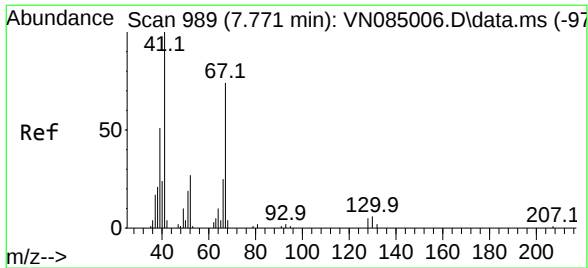
Reviewed By :John Carlone 12/04/2024
Supervised By :Mahesh Dadoda 12/04/2024



#40
Benzene
Concen: 53.448 ug/l
RT: 8.600 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VN085073.D
Acq: 03 Dec 2024 11:41

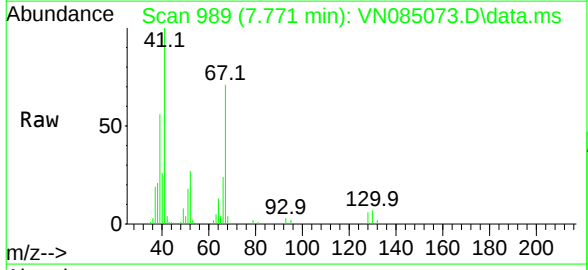
Tgt Ion: 78 Resp: 404471
Ion Ratio Lower Upper
78 100
77 24.3 18.5 27.7





#41
Methacrylonitrile
Concen: 51.457 ug/l
RT: 7.771 min Scan# 989
Delta R.T. -0.000 min
Lab File: VN085073.D
Acq: 03 Dec 2024 11:41

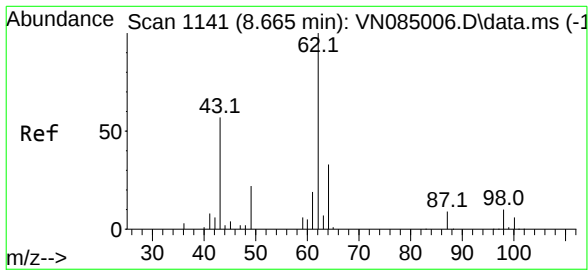
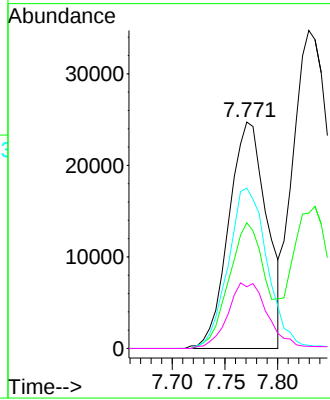
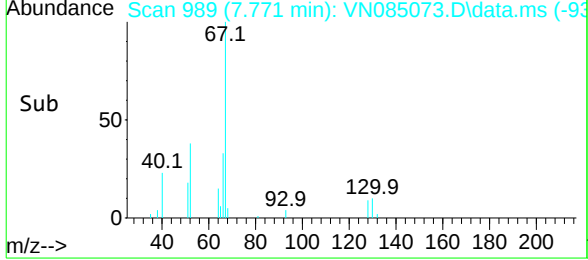
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:	41	Resp:	61972
Ion	Ratio	Lower	Upper
41	100		
39	53.9	42.6	63.8
67	73.2	59.9	89.9
52	30.7	24.8	37.2

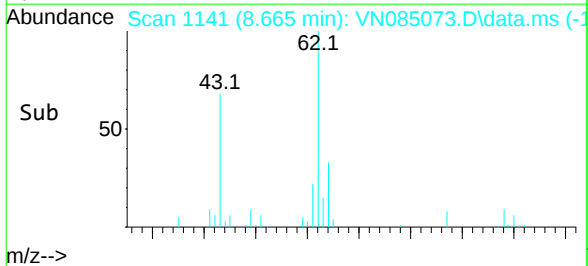
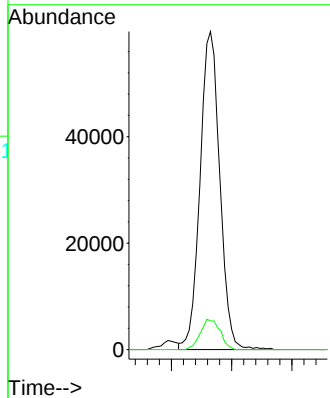
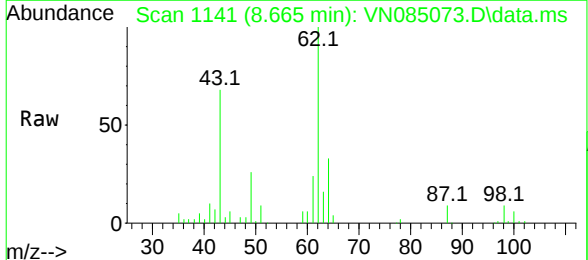
Manual Integrations
APPROVED

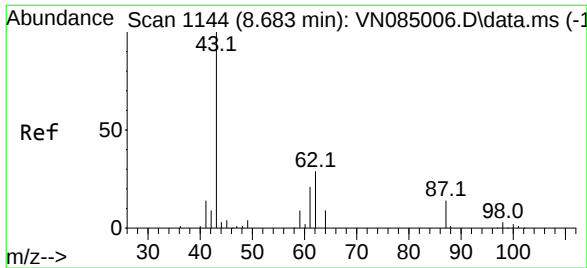
Reviewed By :John Carlone 12/04/2024
Supervised By :Mahesh Dadoda 12/04/2024



#42
1,2-Dichloroethane
Concen: 52.557 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. -0.000 min
Lab File: VN085073.D
Acq: 03 Dec 2024 11:41

Tgt Ion:	62	Resp:	136068
Ion	Ratio	Lower	Upper
62	100		
98	9.5	0.0	18.2





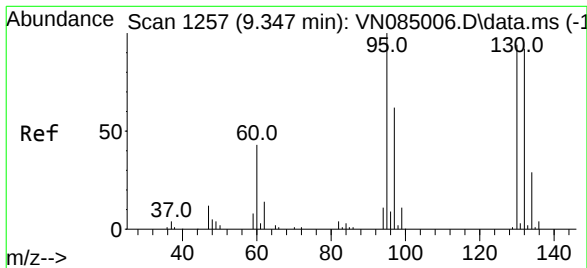
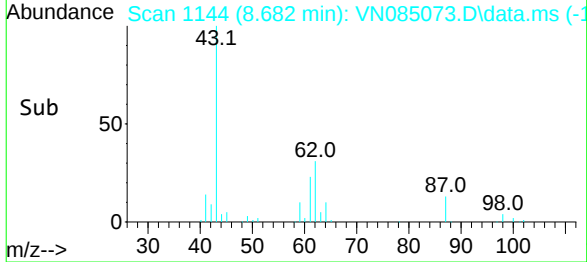
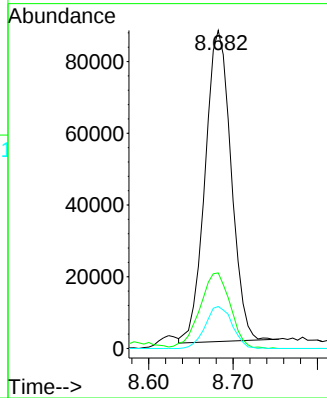
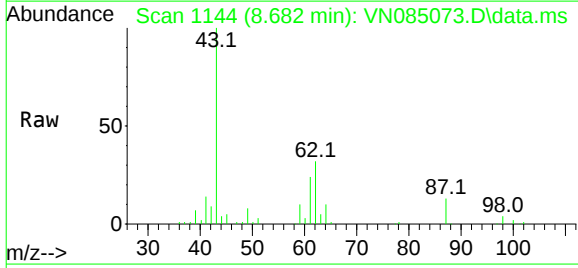
#43
Isopropyl Acetate
Concen: 41.150 ug/l
RT: 8.682 min Scan# 1144
Delta R.T. -0.000 min
Lab File: VN085073.D
Acq: 03 Dec 2024 11:41

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 185926
Ion Ratio Lower Upper
43 100
61 28.5 20.6 30.8
87 14.0 11.0 16.4

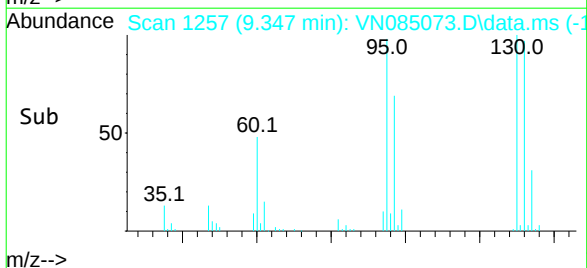
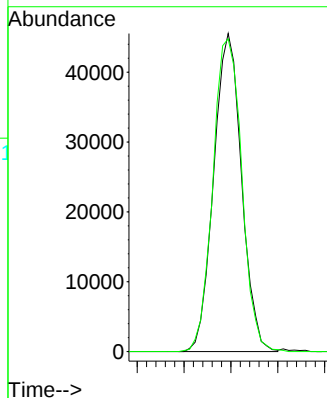
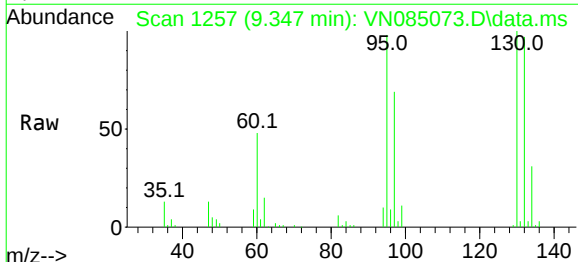
Manual Integrations
APPROVED

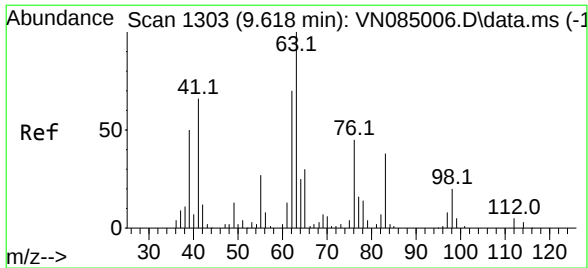
Reviewed By :John Carlone 12/04/2024
Supervised By :Mahesh Dadoda 12/04/2024



#44
Trichloroethene
Concen: 53.299 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. -0.000 min
Lab File: VN085073.D
Acq: 03 Dec 2024 11:41

Tgt Ion:130 Resp: 93736
Ion Ratio Lower Upper
130 100
95 98.3 0.0 213.4





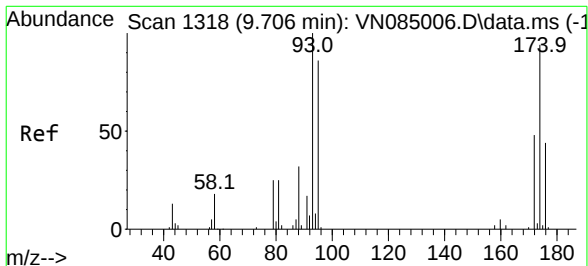
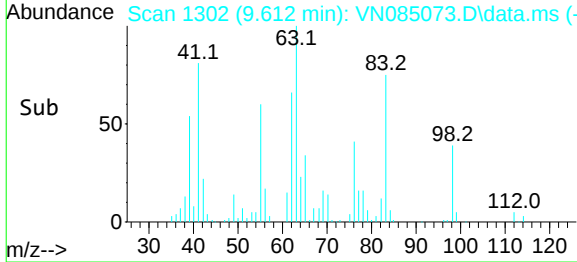
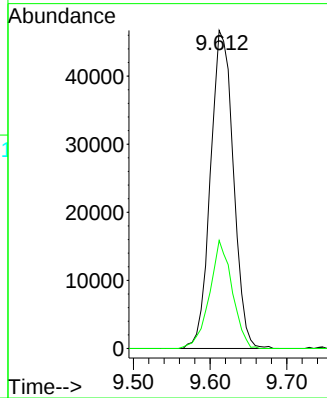
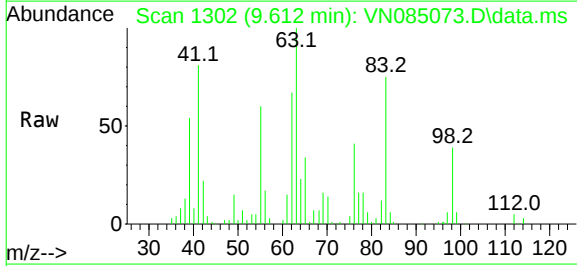
#45
1,2-Dichloropropane
Concen: 51.962 ug/l
RT: 9.612 min Scan# 1303
Delta R.T. -0.006 min
Lab File: VN085073.D
Acq: 03 Dec 2024 11:41

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 63 Resp: 96853
Ion Ratio Lower Upper
63 100
65 34.0 24.0 36.0

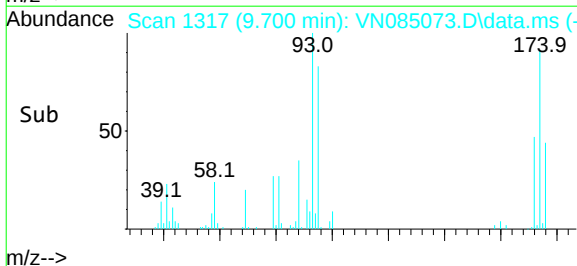
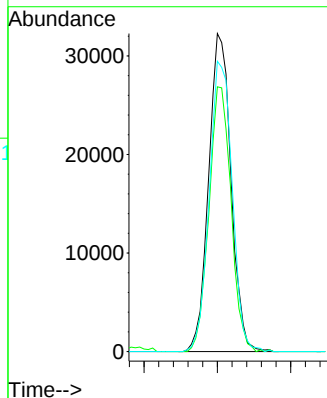
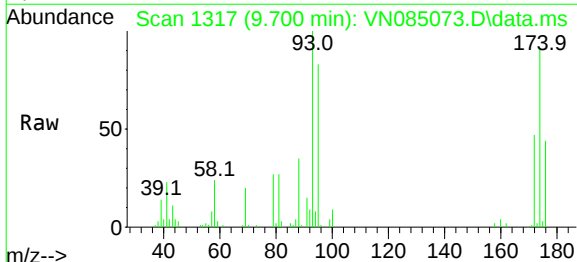
Manual Integrations
APPROVED

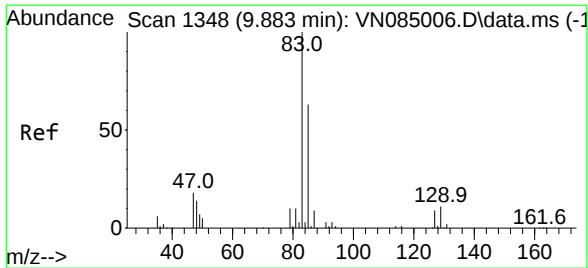
Reviewed By :John Carlone 12/04/2024
Supervised By :Mahesh Dadoda 12/04/2024



#46
Dibromomethane
Concen: 52.692 ug/l
RT: 9.700 min Scan# 1317
Delta R.T. -0.006 min
Lab File: VN085073.D
Acq: 03 Dec 2024 11:41

Tgt Ion: 93 Resp: 68245
Ion Ratio Lower Upper
93 100
95 82.3 66.2 99.4
174 93.7 74.9 112.3





#47
 Bromodichloromethane
 Concen: 53.336 ug/l
 RT: 9.882 min Scan# 1348
 Delta R.T. -0.000 min
 Lab File: VN085073.D
 Acq: 03 Dec 2024 11:41

Instrument :

MSVOA_N

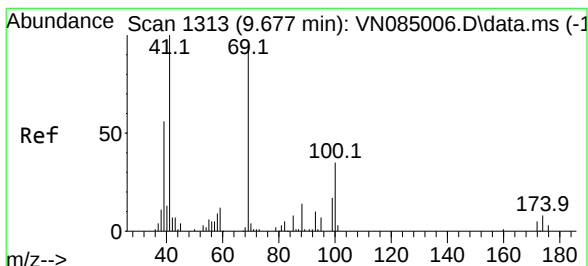
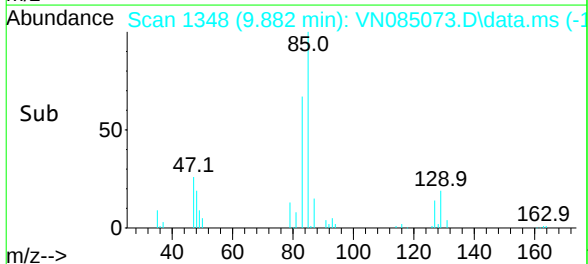
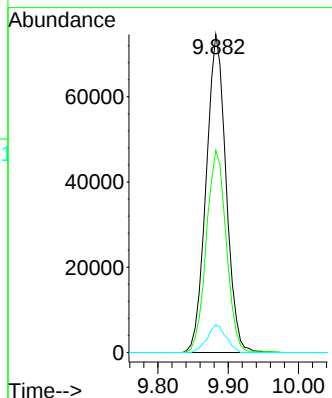
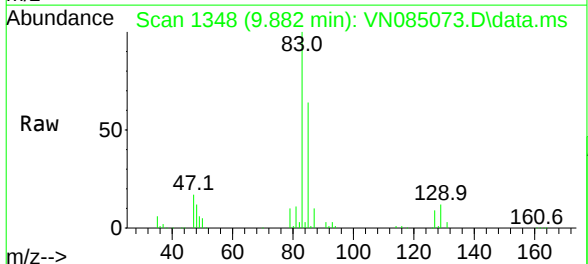
ClientSampleId :

VSTDCCC050

Tgt Ion:	83	Resp:	146407
Ion	Ratio	Lower	Upper
83	100		
85	63.5	50.5	75.7
127	8.6	7.1	10.7

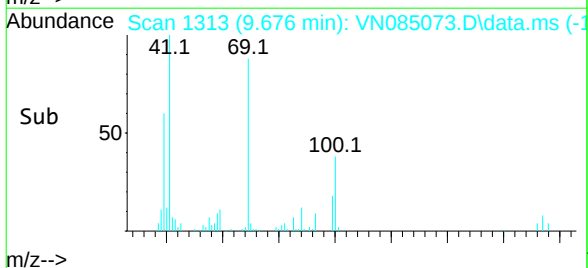
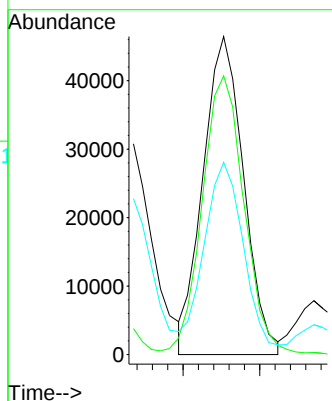
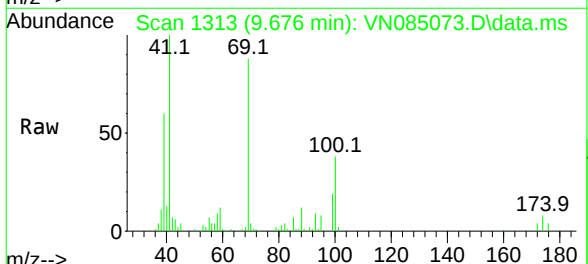
Manual Integrations
 APPROVED

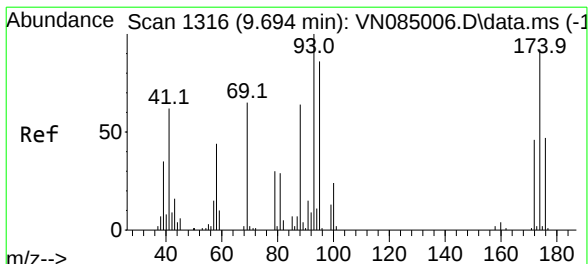
Reviewed By :John Carlone 12/04/2024
 Supervised By :Mahesh Dadoda 12/04/2024



#48
 Methyl methacrylate
 Concen: 50.769 ug/l
 RT: 9.676 min Scan# 1313
 Delta R.T. -0.000 min
 Lab File: VN085073.D
 Acq: 03 Dec 2024 11:41

Tgt Ion:	41	Resp:	85361
Ion	Ratio	Lower	Upper
41	100		
69	90.7	73.2	109.8
39	59.5	46.2	69.4





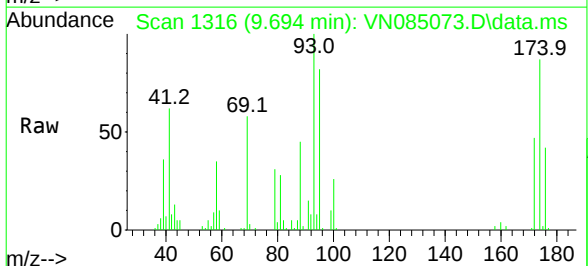
#49
1,4-Dioxane
Concen: 956.765 ug/l
RT: 9.694 min Scan# 1316
Delta R.T. -0.000 min
Lab File: VN085073.D
Acq: 03 Dec 2024 11:41

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

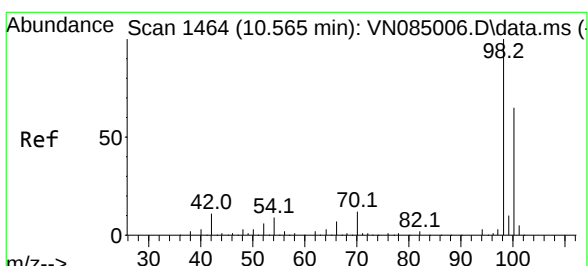
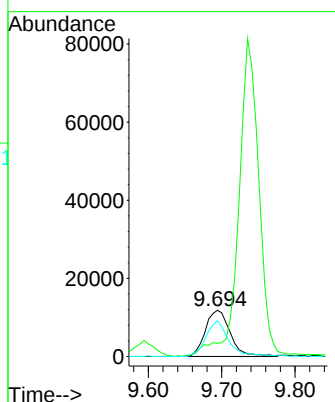
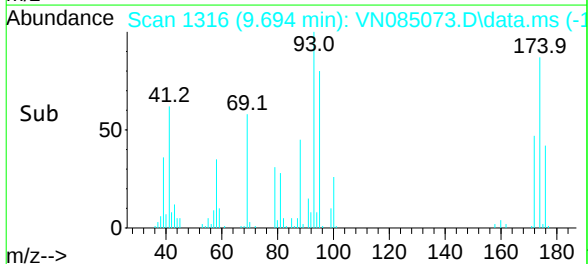


Tgt Ion: 88 Resp: 27897

Ion	Ratio	Lower	Upper
88	100		
43	0.0	16.7	25.1
58	71.7	56.5	84.7

Manual Integrations
APPROVED

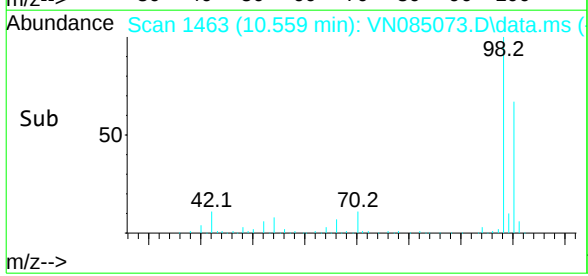
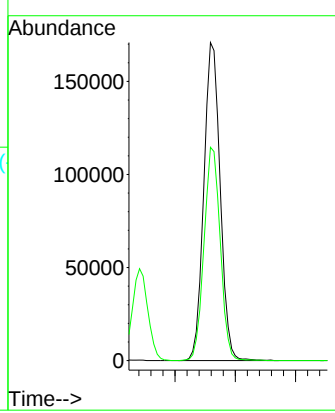
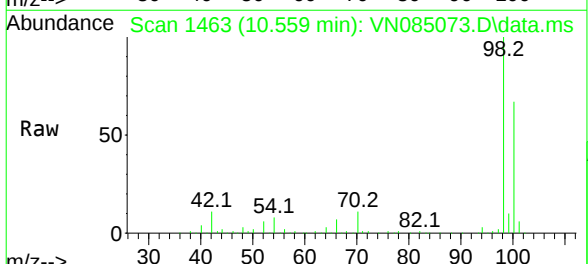
Reviewed By :John Carlone 12/04/2024
Supervised By :Mahesh Dadoda 12/04/2024

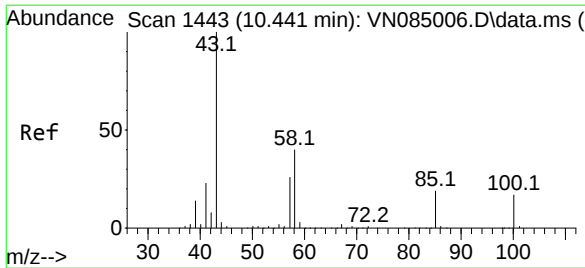


#50
Toluene-d8
Concen: 50.851 ug/l
RT: 10.559 min Scan# 1463
Delta R.T. -0.006 min
Lab File: VN085073.D
Acq: 03 Dec 2024 11:41

Tgt Ion: 98 Resp: 321920

Ion	Ratio	Lower	Upper
98	100		
100	66.7	52.5	78.7





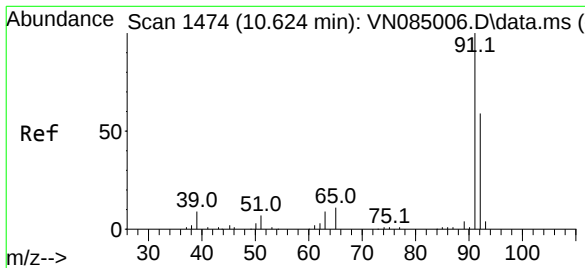
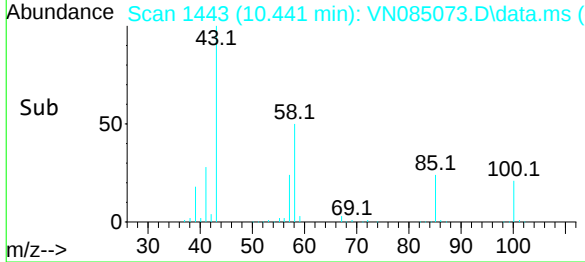
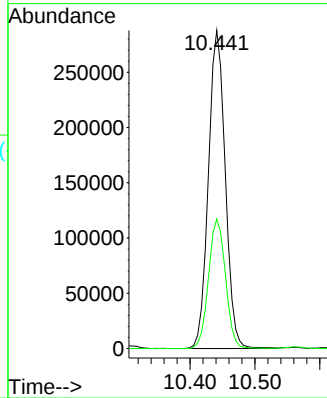
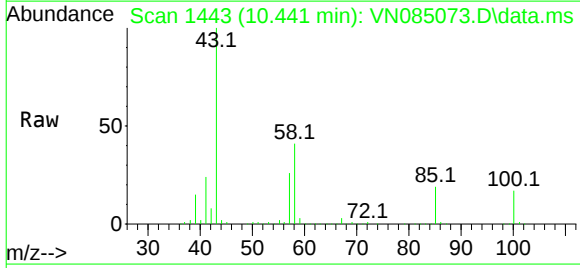
#51
4-Methyl-2-Pentanone
Concen: 251.786 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. -0.000 min
Lab File: VN085073.D
Acq: 03 Dec 2024 11:41

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 519619
Ion Ratio Lower Upper
43 100
58 41.0 32.1 48.1

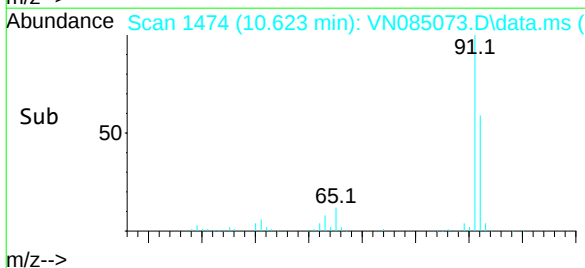
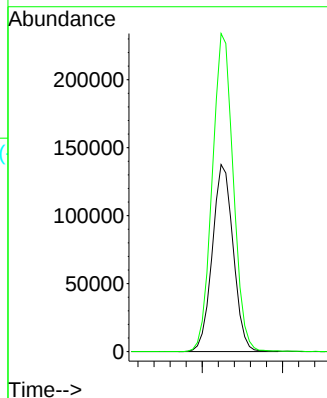
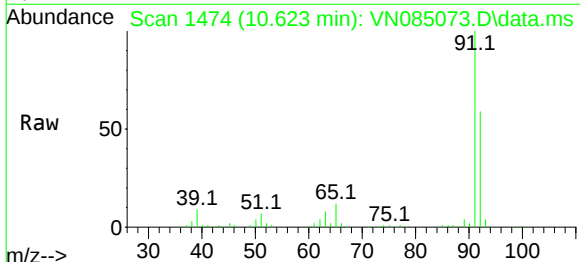
Manual Integrations
APPROVED

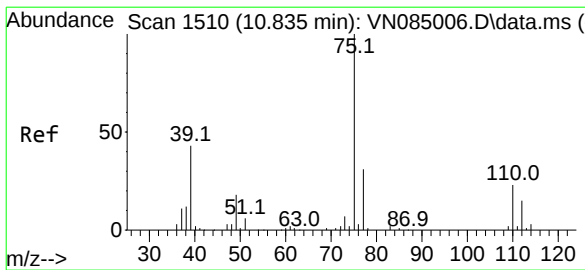
Reviewed By :John Carlone 12/04/2024
Supervised By :Mahesh Dadoda 12/04/2024



#52
Toluene
Concen: 55.484 ug/l
RT: 10.623 min Scan# 1474
Delta R.T. -0.000 min
Lab File: VN085073.D
Acq: 03 Dec 2024 11:41

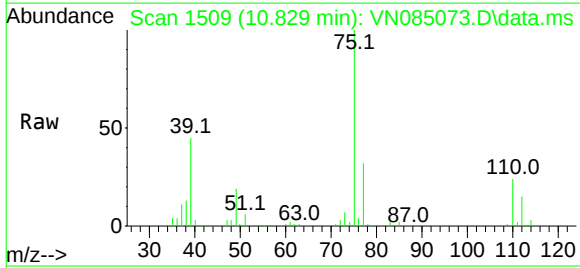
Tgt Ion: 92 Resp: 248568
Ion Ratio Lower Upper
92 100
91 171.1 136.7 205.1





#53
t-1,3-Dichloropropene
Concen: 53.123 ug/l
RT: 10.829 min Scan# 1510
Delta R.T. -0.006 min
Lab File: VN085073.D
Acq: 03 Dec 2024 11:41

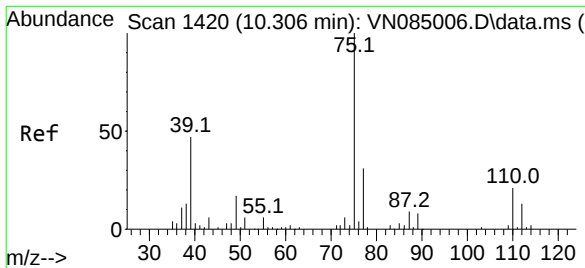
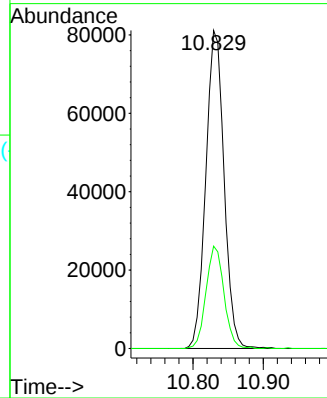
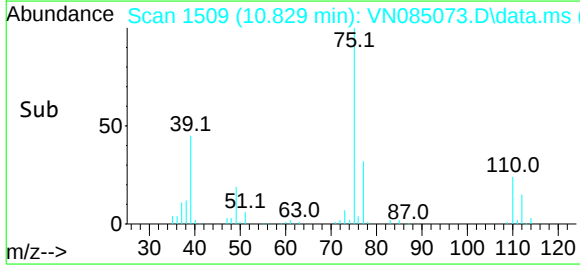
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



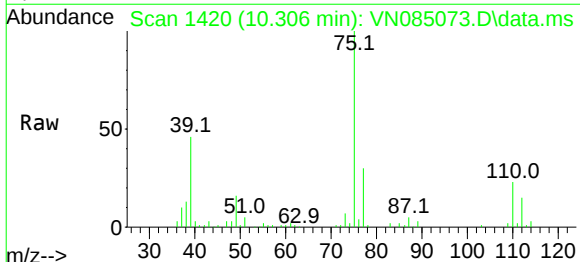
Tgt Ion: 75 Resp: 146197
Ion Ratio Lower Upper
75 100
77 32.2 25.0 37.4

Manual Integrations
APPROVED

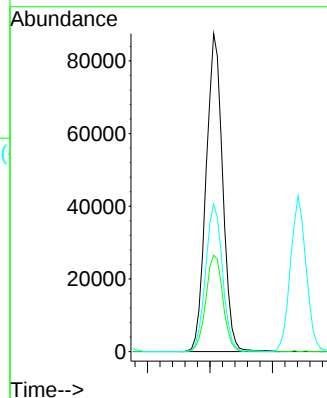
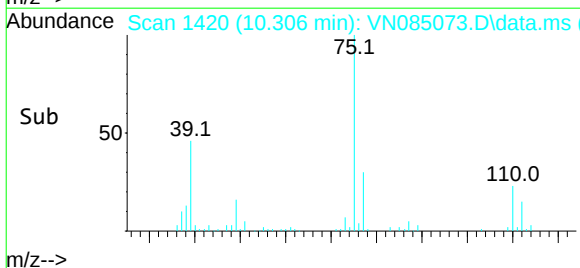
Reviewed By :John Carlone 12/04/2024
Supervised By :Mahesh Dadoda 12/04/2024

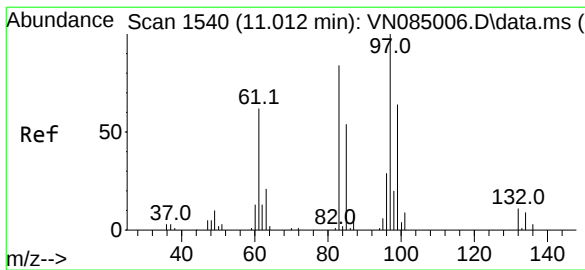


#54
cis-1,3-Dichloropropene
Concen: 55.269 ug/l
RT: 10.306 min Scan# 1420
Delta R.T. -0.000 min
Lab File: VN085073.D
Acq: 03 Dec 2024 11:41



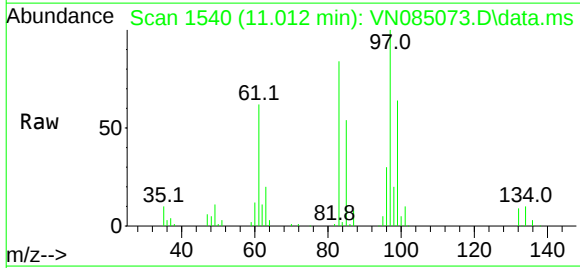
Tgt Ion: 75 Resp: 161362
Ion Ratio Lower Upper
75 100
77 30.3 25.0 37.4
39 46.4 37.6 56.4





#55
1,1,2-Trichloroethane
Concen: 54.022 ug/l
RT: 11.012 min Scan# 1540
Delta R.T. -0.000 min
Lab File: VN085073.D
Acq: 03 Dec 2024 11:41

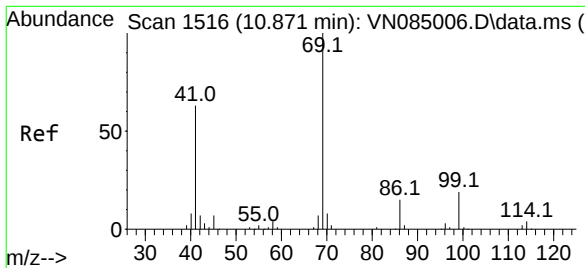
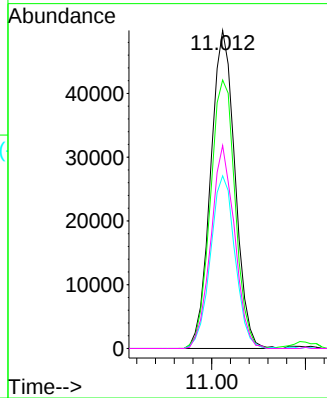
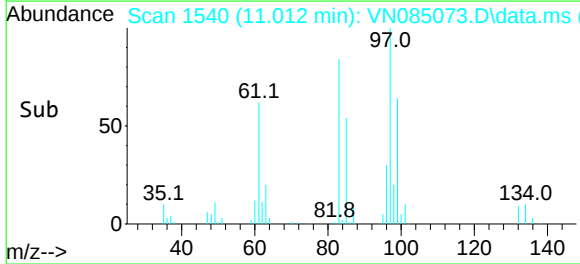
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:	97	Resp:	90147
Ion	Ratio	Lower	Upper
97	100		
83	84.4	67.4	101.2
85	54.3	43.1	64.7
99	63.8	50.9	76.3

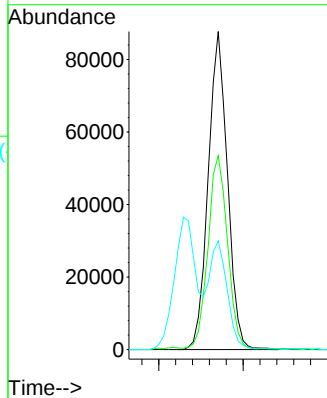
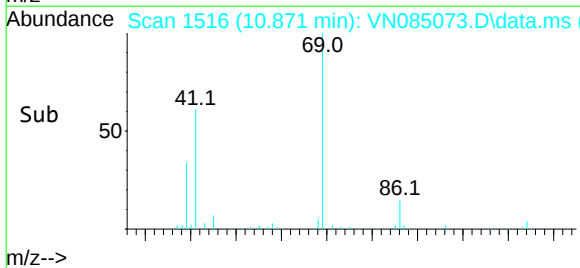
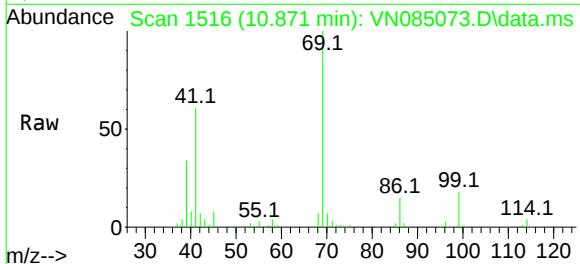
Manual Integrations
APPROVED

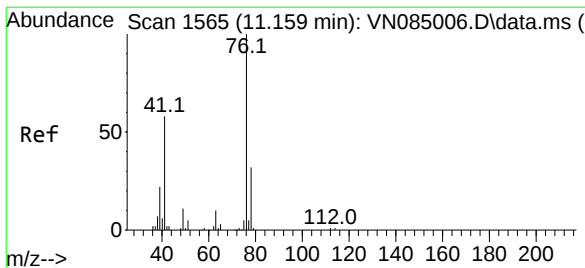
Reviewed By :John Carlone 12/04/2024
Supervised By :Mahesh Dadoda 12/04/2024



#56
Ethyl methacrylate
Concen: 56.976 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VN085073.D
Acq: 03 Dec 2024 11:41

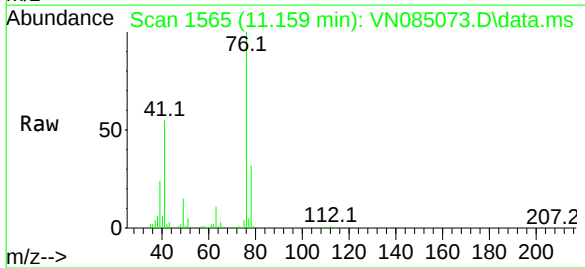
Tgt Ion:	69	Resp:	138929
Ion	Ratio	Lower	Upper
69	100		
41	61.4	50.0	75.0
39	31.3	27.0	40.6





#57
1,3-Dichloropropane
Concen: 52.875 ug/l
RT: 11.159 min Scan# 1565
Delta R.T. -0.000 min
Lab File: VN085073.D
Acq: 03 Dec 2024 11:41

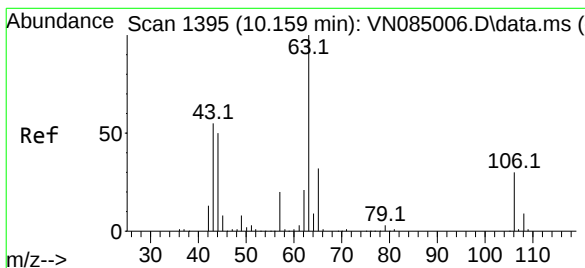
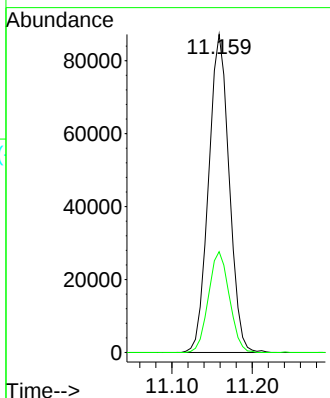
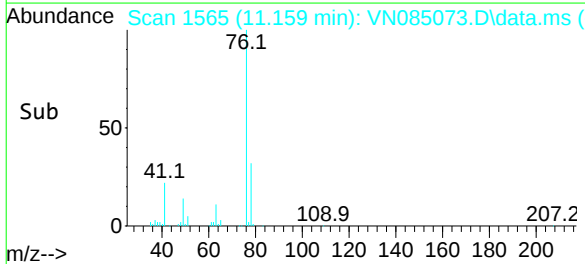
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 155296
Ion Ratio Lower Upper
76 100
78 32.1 26.1 39.1

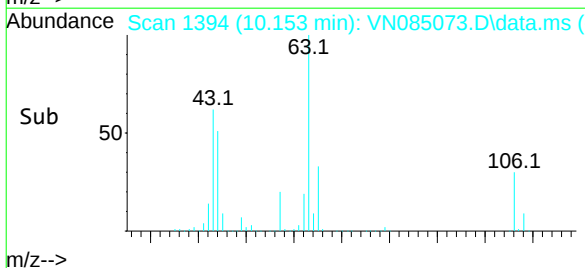
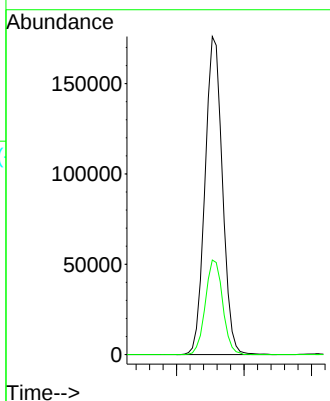
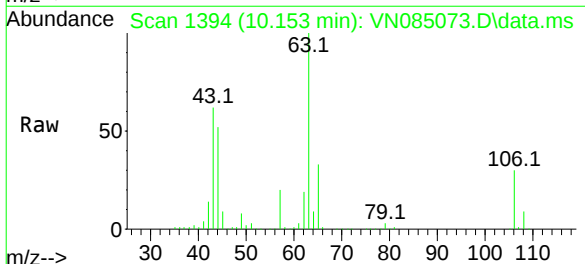
Manual Integrations
APPROVED

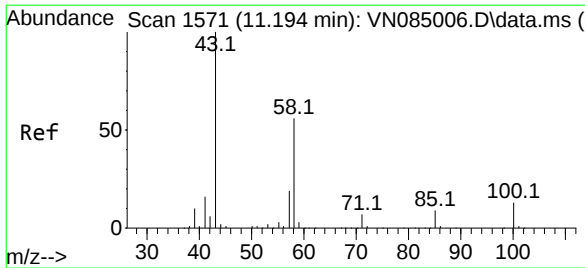
Reviewed By :John Carlone 12/04/2024
Supervised By :Mahesh Dadoda 12/04/2024



#58
2-Chloroethyl Vinyl ether
Concen: 263.627 ug/l
RT: 10.153 min Scan# 1394
Delta R.T. -0.006 min
Lab File: VN085073.D
Acq: 03 Dec 2024 11:41

Tgt Ion: 63 Resp: 315323
Ion Ratio Lower Upper
63 100
106 29.6 23.0 34.6





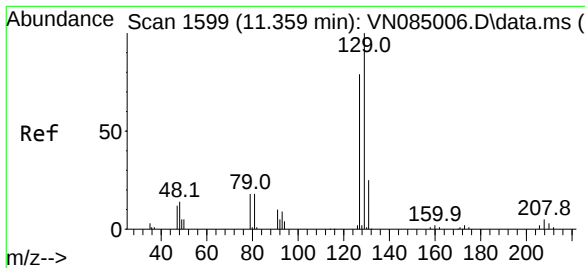
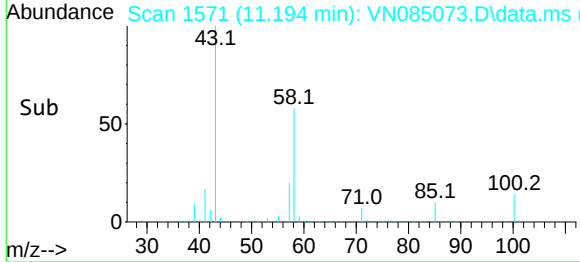
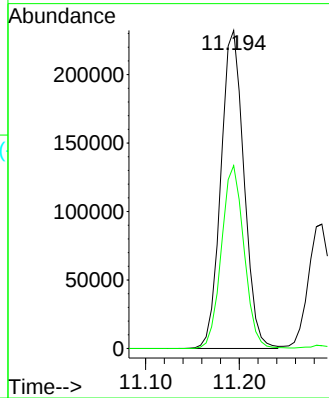
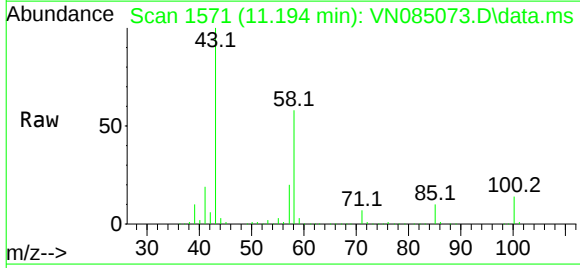
#59
2-Hexanone
Concen: 257.231 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VN085073.D
Acq: 03 Dec 2024 11:41

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 397030
Ion Ratio Lower Upper
43 100
58 56.3 28.3 85.0

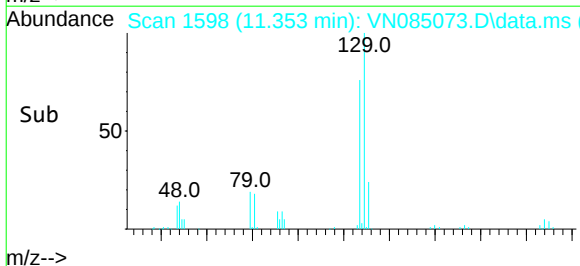
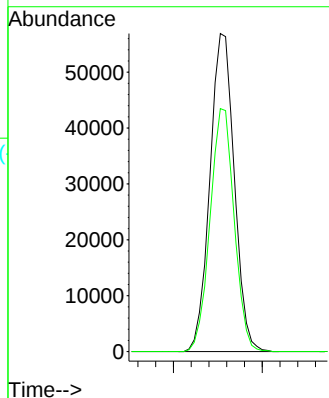
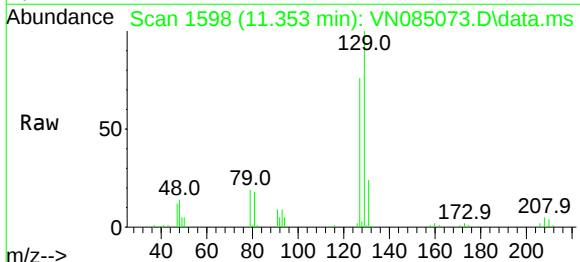
Manual Integrations
APPROVED

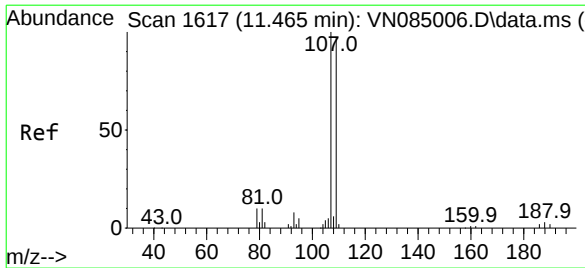
Reviewed By :John Carlone 12/04/2024
Supervised By :Mahesh Dadoda 12/04/2024



#60
Dibromochloromethane
Concen: 53.246 ug/l
RT: 11.353 min Scan# 1598
Delta R.T. -0.006 min
Lab File: VN085073.D
Acq: 03 Dec 2024 11:41

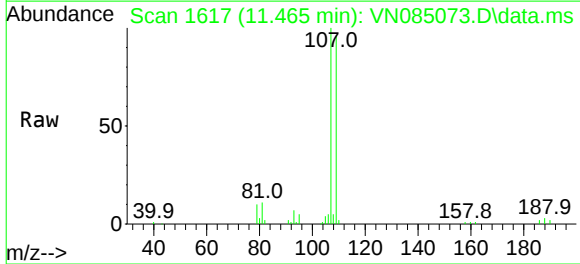
Tgt Ion:129 Resp: 108590
Ion Ratio Lower Upper
129 100
127 75.3 39.2 117.6





#61
1,2-Dibromoethane
Concen: 51.778 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VN085073.D
Acq: 03 Dec 2024 11:41

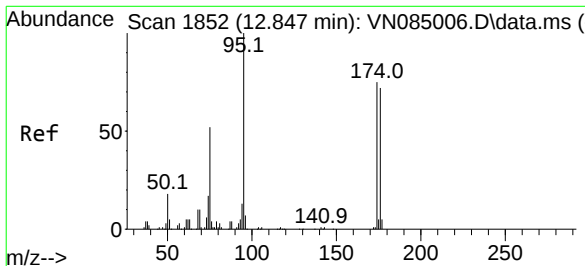
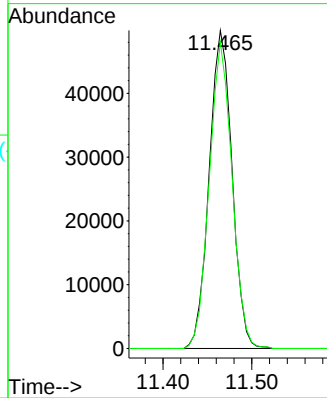
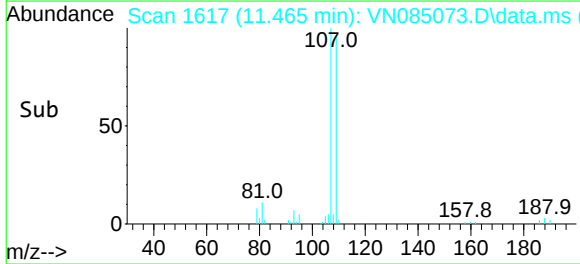
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



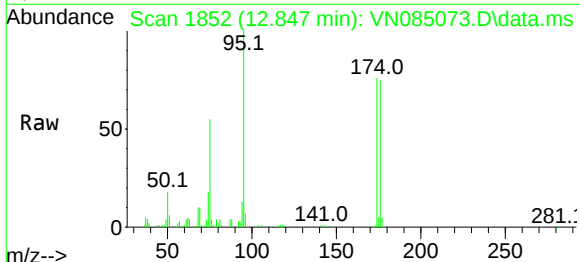
Tgt Ion: 107 Resp: 89419
Ion Ratio Lower Upper
107 100
109 95.9 76.1 114.1

Manual Integrations
APPROVED

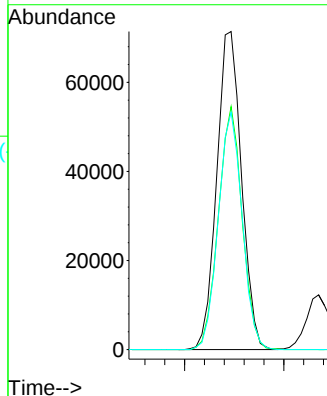
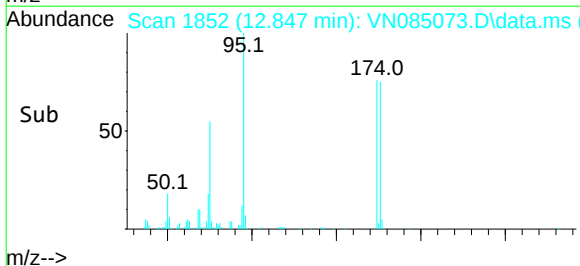
Reviewed By : John Carlone 12/04/2024
Supervised By : Mahesh Dadoda 12/04/2024

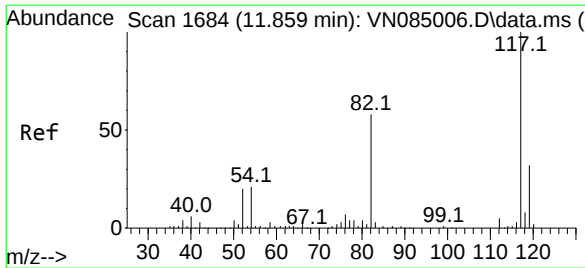


#62
4-Bromofluorobenzene
Concen: 52.309 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN085073.D
Acq: 03 Dec 2024 11:41



Tgt Ion: 95 Resp: 123840
Ion Ratio Lower Upper
95 100
174 73.3 0.0 146.6
176 72.0 0.0 141.8





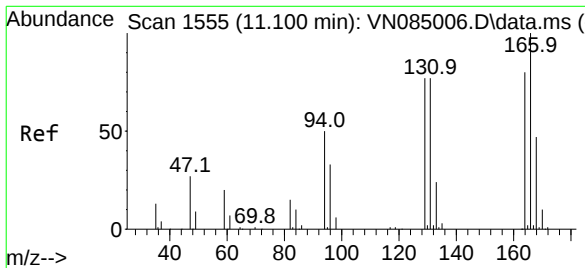
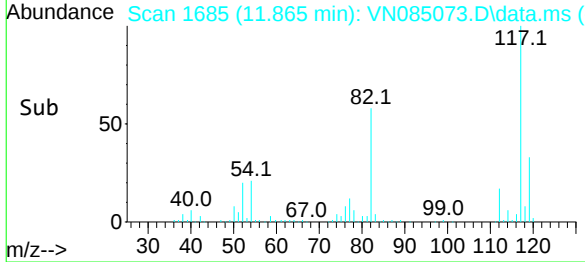
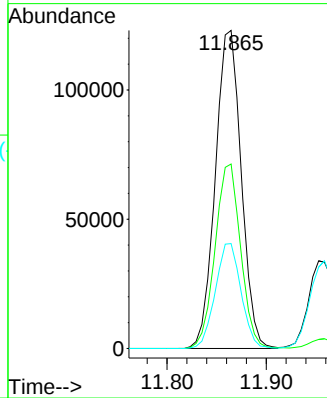
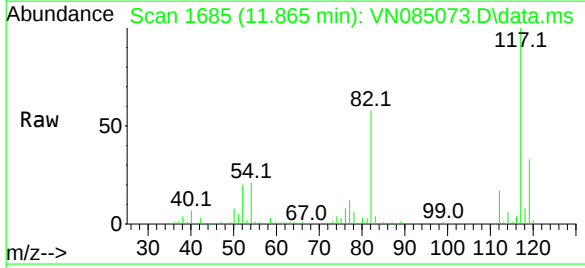
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1684
Delta R.T. 0.006 min
Lab File: VN085073.D
Acq: 03 Dec 2024 11:41

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:117 Resp: 223219
Ion Ratio Lower Upper
117 100
82 58.0 46.0 69.0
119 33.0 25.6 38.4

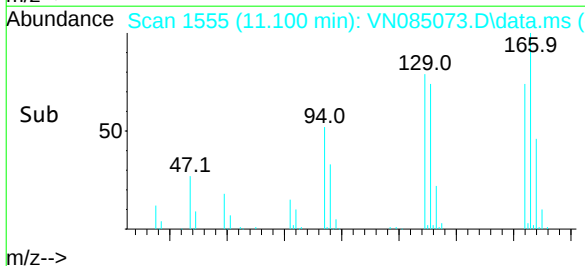
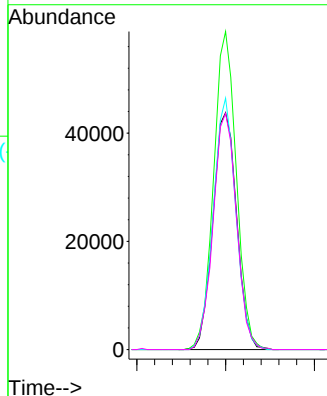
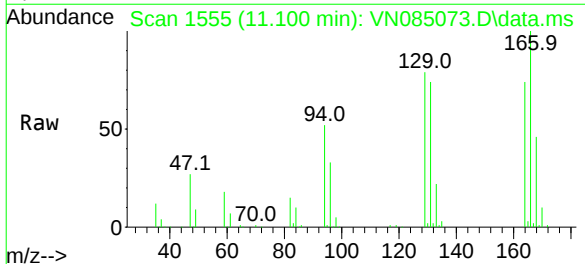
Manual Integrations
APPROVED

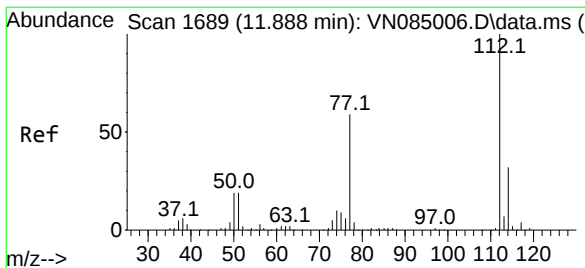
Reviewed By :John Carlone 12/04/2024
Supervised By :Mahesh Dadoda 12/04/2024



#64
Tetrachloroethene
Concen: 54.124 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VN085073.D
Acq: 03 Dec 2024 11:41

Tgt Ion:164 Resp: 81408
Ion Ratio Lower Upper
164 100
166 134.2 100.6 151.0
129 106.1 77.7 116.5
131 99.7 77.2 115.8





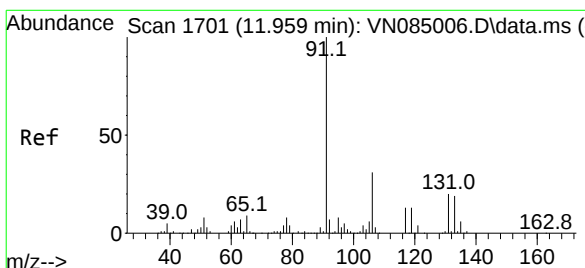
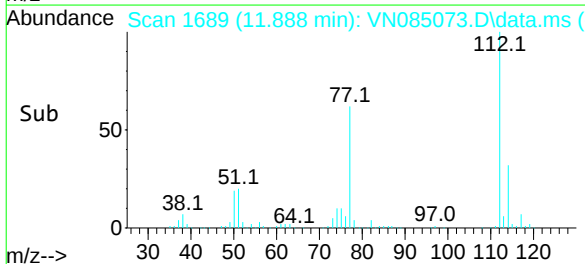
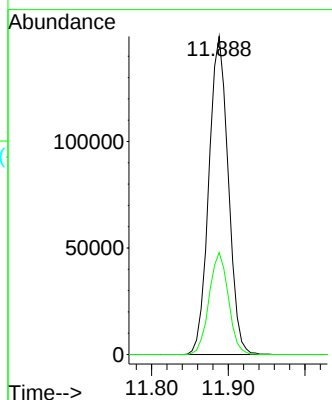
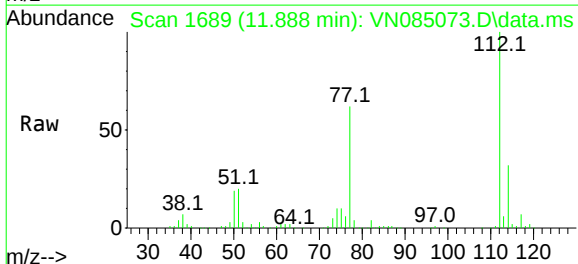
#65
Chlorobenzene
Concen: 51.826 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. -0.000 min
Lab File: VN085073.D
Acq: 03 Dec 2024 11:41

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 262362
Ion Ratio Lower Upper
112 100
114 32.0 25.8 38.6

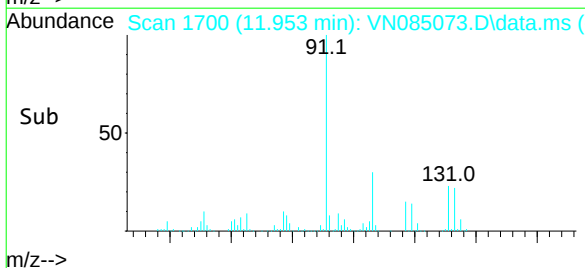
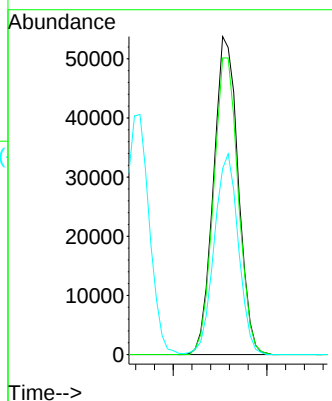
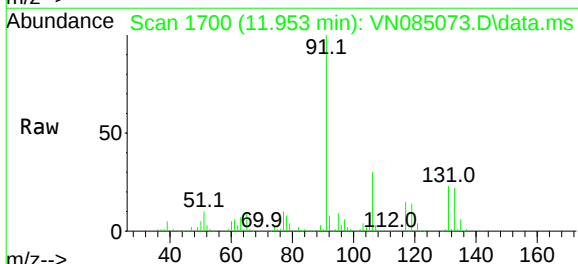
Manual Integrations
APPROVED

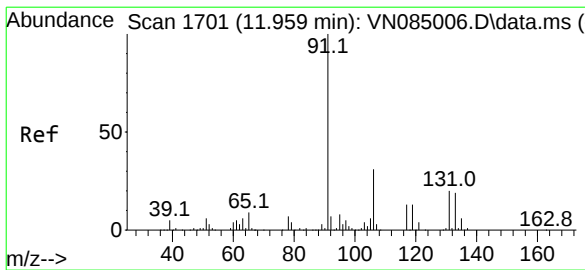
Reviewed By :John Carlone 12/04/2024
Supervised By :Mahesh Dadoda 12/04/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 55.198 ug/l
RT: 11.953 min Scan# 1700
Delta R.T. -0.006 min
Lab File: VN085073.D
Acq: 03 Dec 2024 11:41

Tgt Ion:131 Resp: 98383
Ion Ratio Lower Upper
131 100
133 93.3 47.8 143.4
119 61.8 32.1 96.3





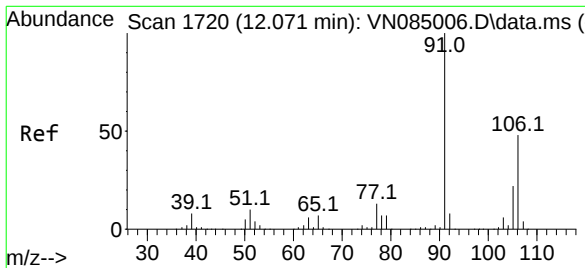
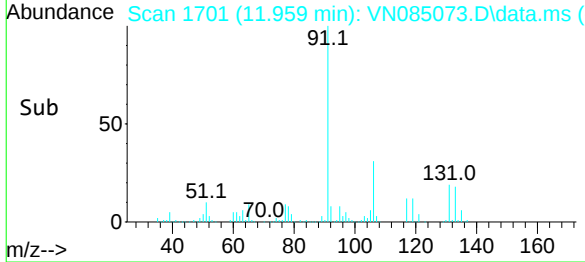
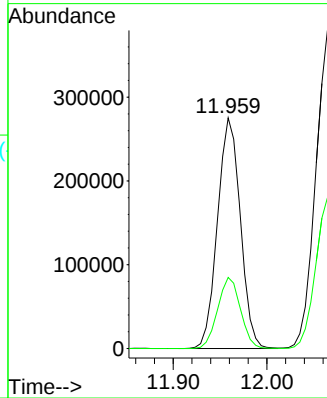
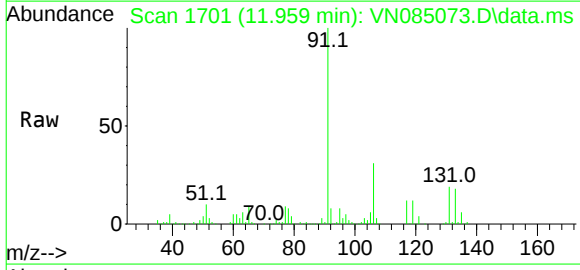
#67
Ethyl Benzene
Concen: 56.790 ug/l
RT: 11.959 min Scan# 1719
Delta R.T. -0.000 min
Lab File: VN085073.D
Acq: 03 Dec 2024 11:41

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 466421
Ion Ratio Lower Upper
91 100
106 30.8 24.7 37.1

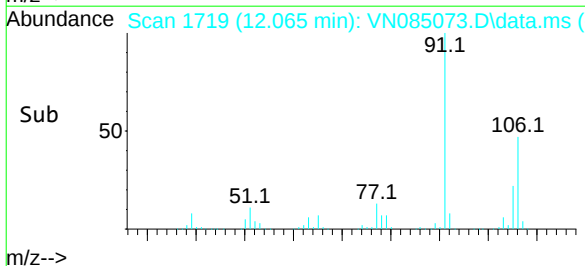
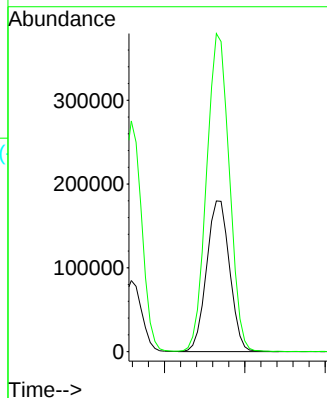
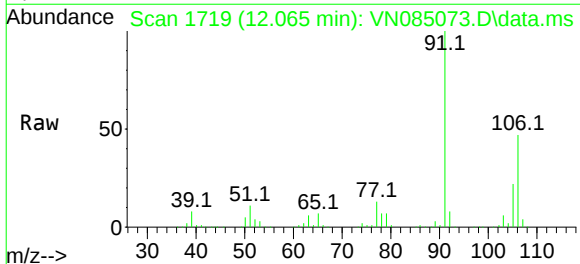
Manual Integrations
APPROVED

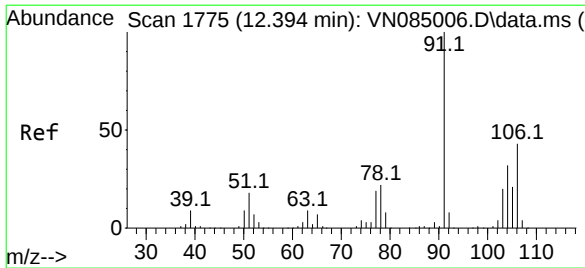
Reviewed By :John Carlone 12/04/2024
Supervised By :Mahesh Dadoda 12/04/2024



#68
m/p-Xylenes
Concen: 114.623 ug/l
RT: 12.065 min Scan# 1719
Delta R.T. -0.006 min
Lab File: VN085073.D
Acq: 03 Dec 2024 11:41

Tgt Ion:106 Resp: 358411
Ion Ratio Lower Upper
106 100
91 208.5 168.0 252.0





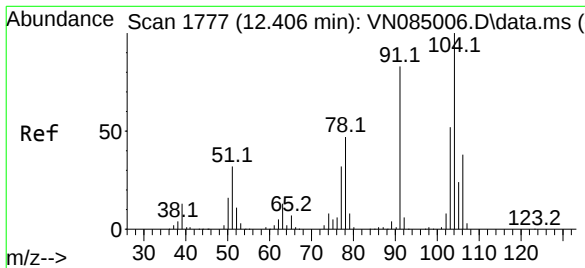
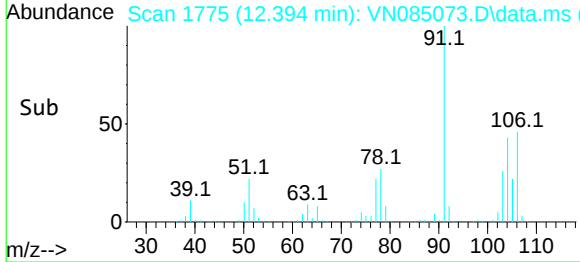
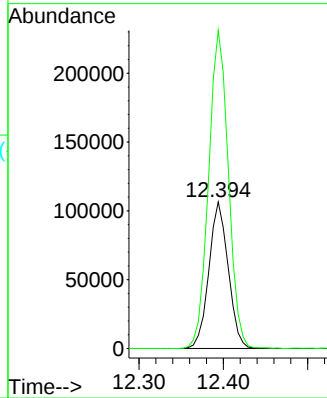
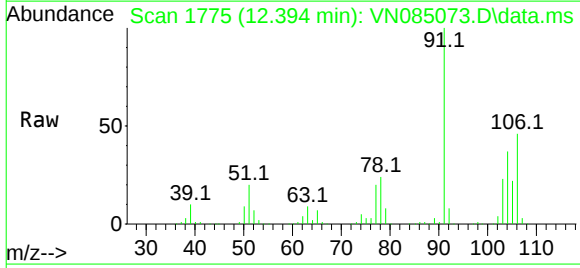
#69
o-Xylene
Concen: 56.999 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN085073.D
Acq: 03 Dec 2024 11:41

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 169538
Ion Ratio Lower Upper
106 100
91 222.2 110.7 331.9

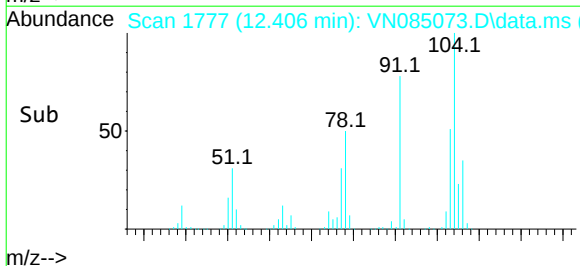
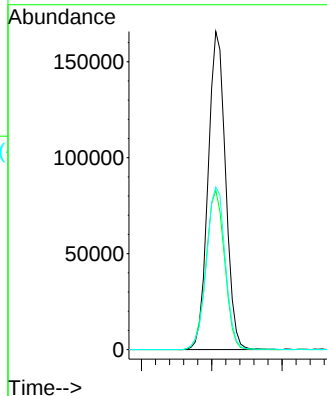
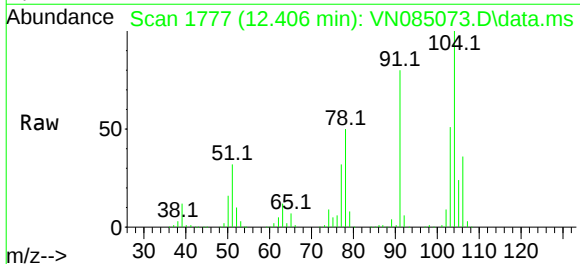
Manual Integrations
APPROVED

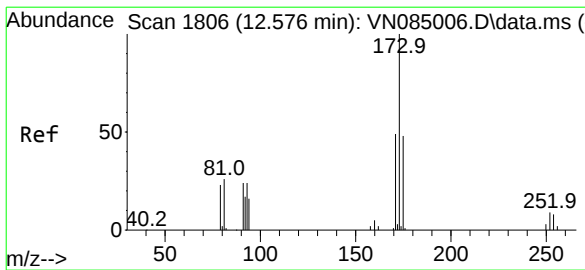
Reviewed By :John Carlone 12/04/2024
Supervised By :Mahesh Dadoda 12/04/2024



#70
Styrene
Concen: 57.861 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VN085073.D
Acq: 03 Dec 2024 11:41

Tgt Ion:104 Resp: 286199
Ion Ratio Lower Upper
104 100
78 53.1 42.3 63.5
103 55.1 44.2 66.2





#71

Bromoform

Concen: 54.537 ug/l

RT: 12.576 min Scan# 1806

Delta R.T. -0.000 min

Lab File: VN085073.D

Acq: 03 Dec 2024 11:41

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

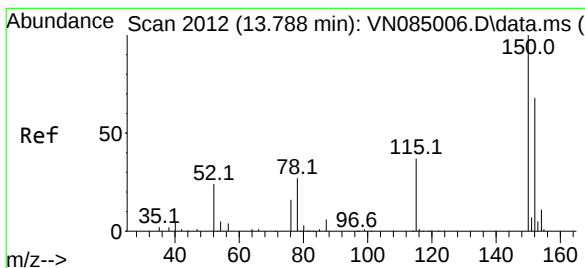
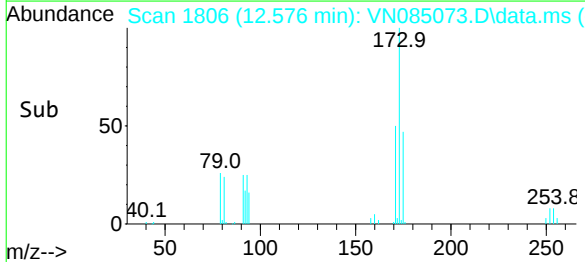
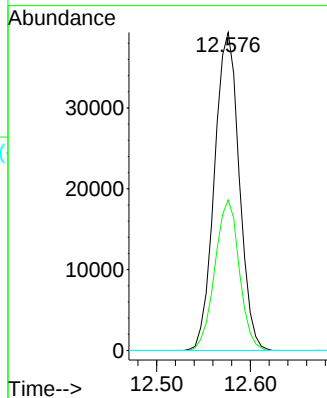
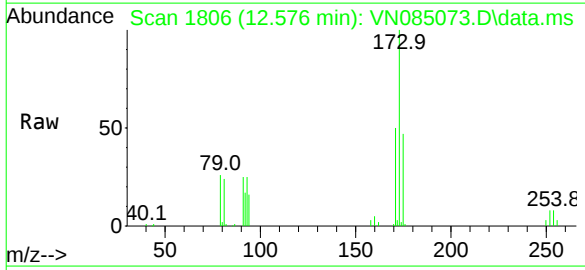
Tgt Ion:	173	Resp:	72155
Ion Ratio	Lower	Upper	
173	100		
175	46.5	23.8	71.2
254	0.0	0.0	0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/04/2024

Supervised By :Mahesh Dadoda 12/04/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

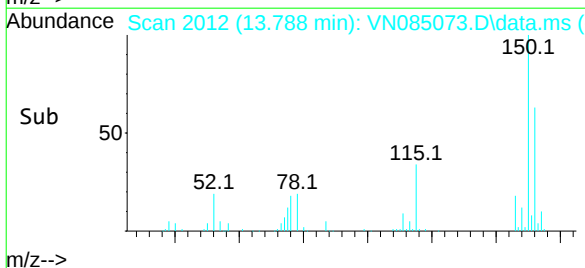
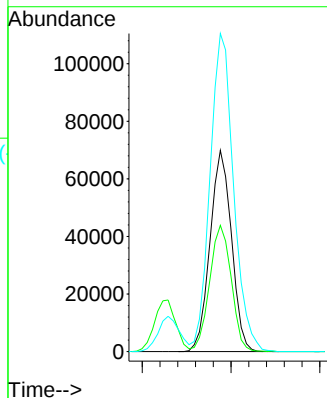
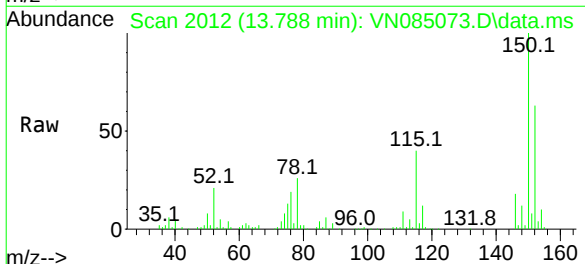
RT: 13.788 min Scan# 2012

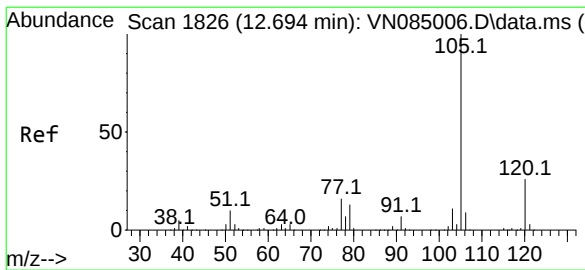
Delta R.T. -0.000 min

Lab File: VN085073.D

Acq: 03 Dec 2024 11:41

Tgt Ion:	152	Resp:	117464
Ion Ratio	Lower	Upper	
152	100		
115	63.3	31.7	95.1
150	173.3	0.0	351.4





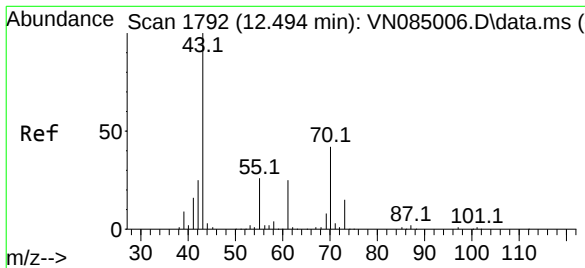
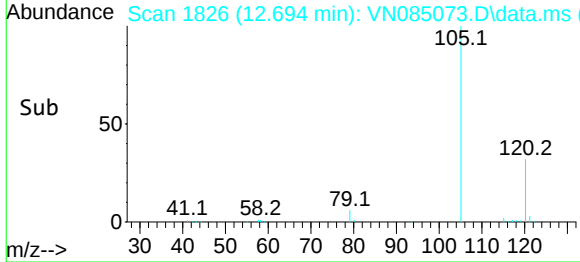
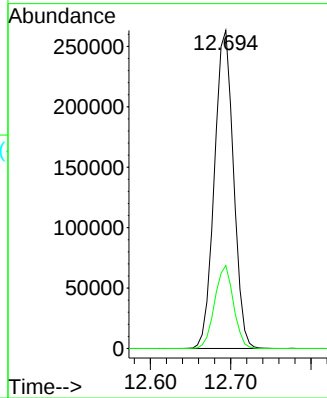
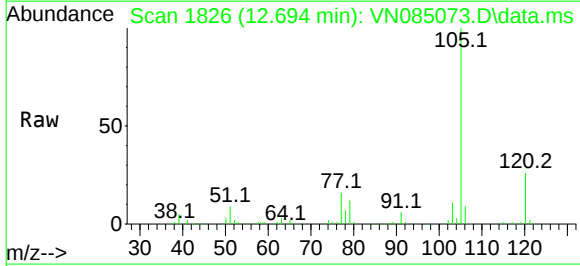
#73
Isopropylbenzene
Concen: 52.490 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN085073.D
Acq: 03 Dec 2024 11:41

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 105 Resp: 434971
Ion Ratio Lower Upper
105 100
120 25.6 13.0 39.0

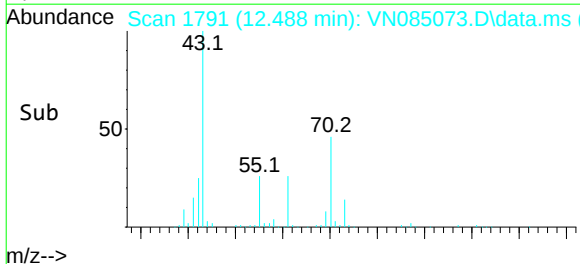
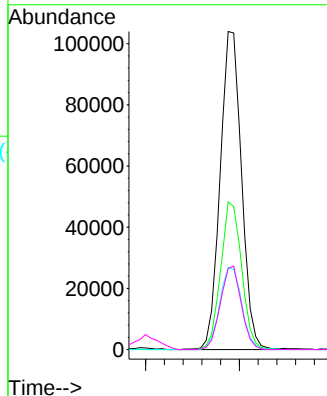
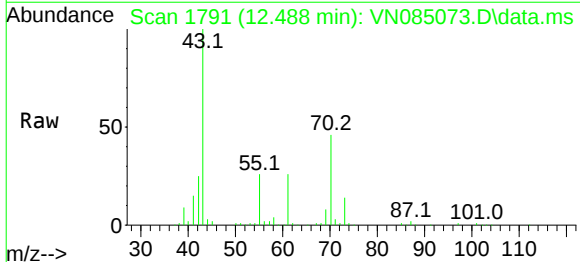
Manual Integrations
APPROVED

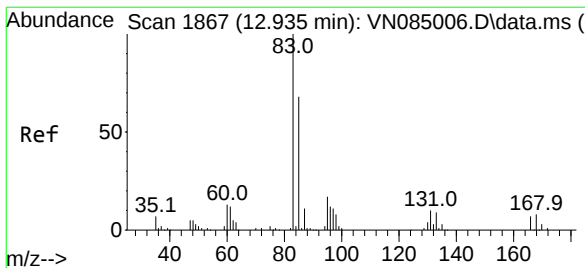
Reviewed By :John Carlone 12/04/2024
Supervised By :Mahesh Dadoda 12/04/2024



#74
N-ethyl acetate
Concen: 48.219 ug/l
RT: 12.488 min Scan# 1791
Delta R.T. -0.006 min
Lab File: VN085073.D
Acq: 03 Dec 2024 11:41

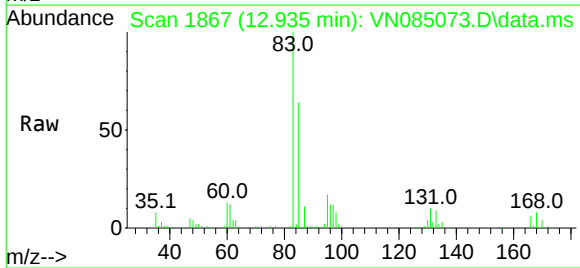
Tgt Ion: 43 Resp: 164656
Ion Ratio Lower Upper
43 100
70 45.5 34.6 51.8
55 26.6 20.5 30.7
61 25.5 19.6 29.4





#75
1,1,2,2-Tetrachloroethane
Concen: 43.955 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VN085073.D
Acq: 03 Dec 2024 11:41

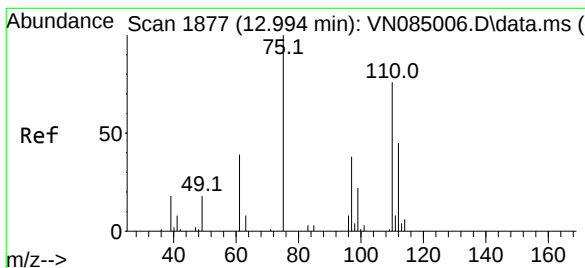
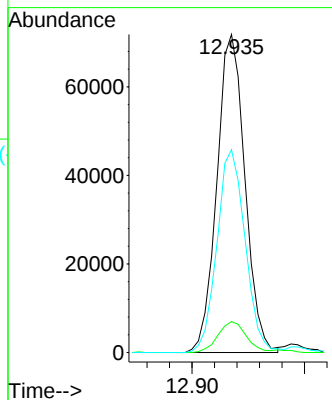
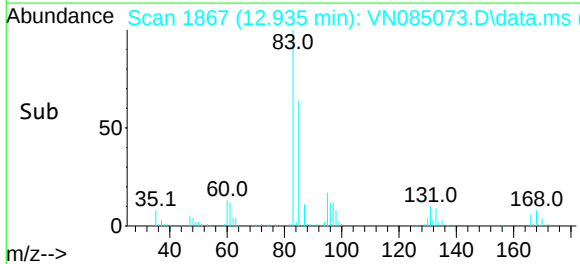
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 124379
Ion Ratio Lower Upper
83 100
131 9.8 5.1 15.4
85 64.0 32.1 96.3

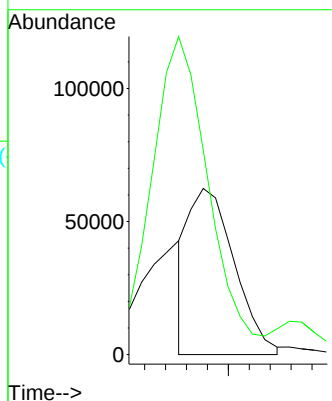
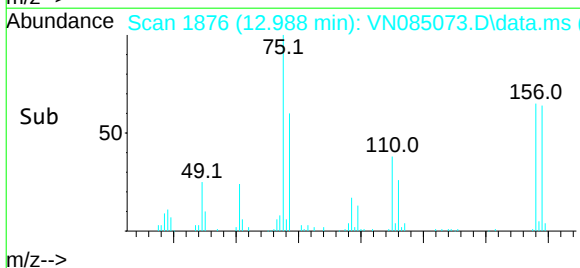
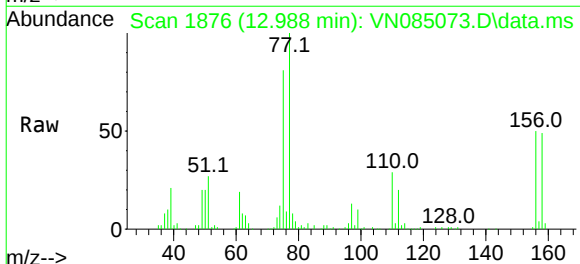
Manual Integrations
APPROVED

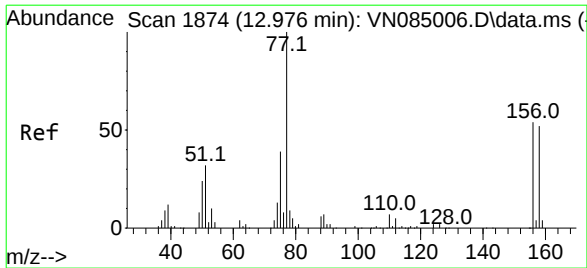
Reviewed By :John Carlone 12/04/2024
Supervised By :Mahesh Dadoda 12/04/2024



#76
1,2,3-Trichloropropane
Concen: 44.442 ug/l m
RT: 12.988 min Scan# 1876
Delta R.T. -0.006 min
Lab File: VN085073.D
Acq: 03 Dec 2024 11:41

Tgt Ion: 75 Resp: 94953
Ion Ratio Lower Upper
75 100
77 242.0 109.1 327.4





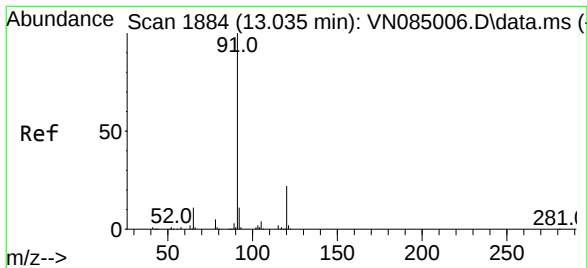
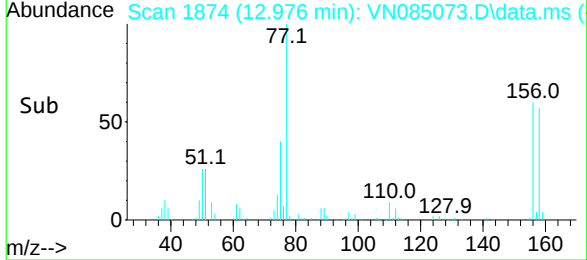
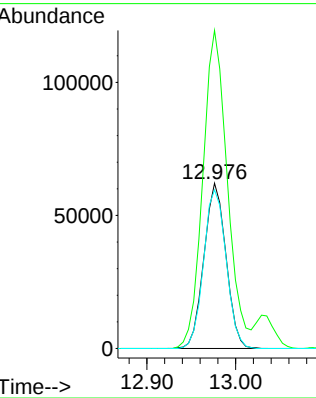
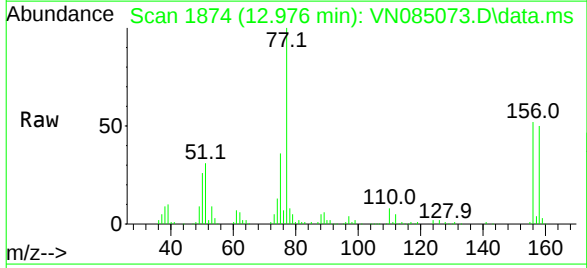
#77
Bromobenzene
Concen: 48.116 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. -0.000 min
Lab File: VN085073.D
Acq: 03 Dec 2024 11:41

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 156 Resp: 107298
Ion Ratio Lower Upper
156 100
77 214.2 107.2 321.6
158 98.0 48.5 145.6

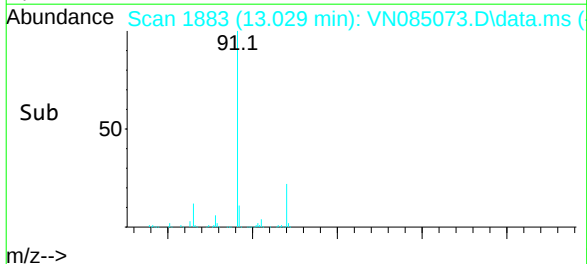
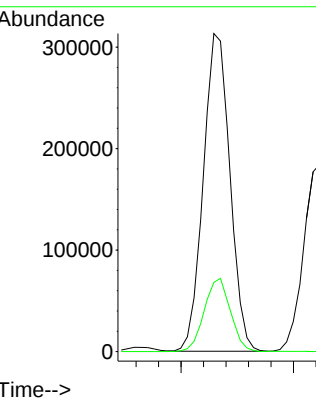
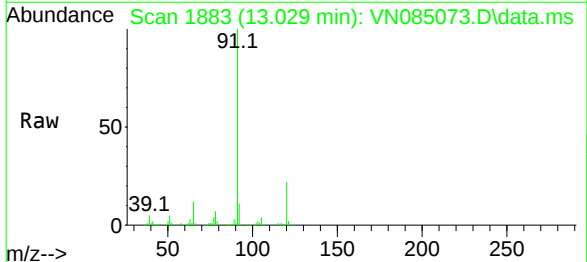
Manual Integrations
APPROVED

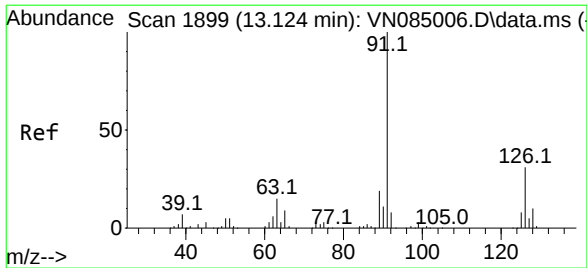
Reviewed By :John Carlone 12/04/2024
Supervised By :Mahesh Dadoda 12/04/2024



#78
n-propylbenzene
Concen: 53.892 ug/l
RT: 13.029 min Scan# 1883
Delta R.T. -0.006 min
Lab File: VN085073.D
Acq: 03 Dec 2024 11:41

Tgt Ion: 91 Resp: 515096
Ion Ratio Lower Upper
91 100
120 22.6 11.3 33.9





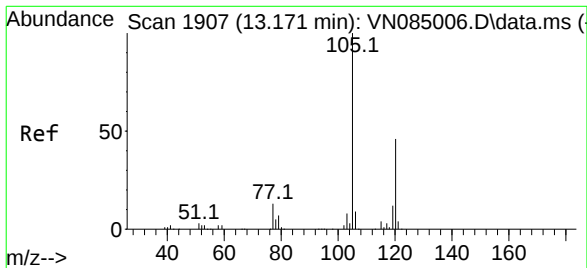
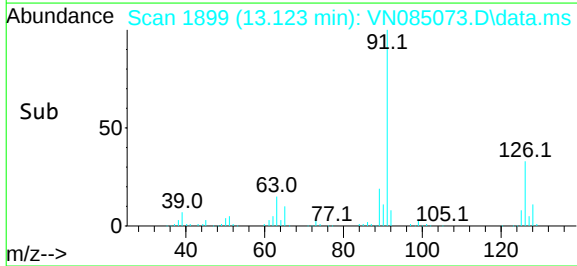
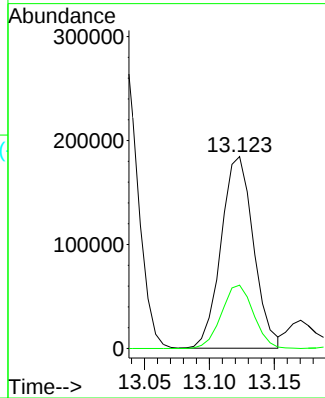
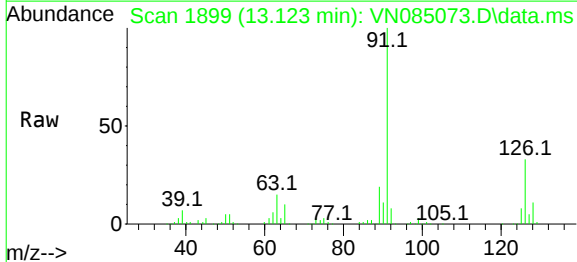
#79
2-Chlorotoluene
Concen: 50.313 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN085073.D
Acq: 03 Dec 2024 11:41

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 321016
Ion Ratio Lower Upper
91 100
126 32.6 16.1 48.3

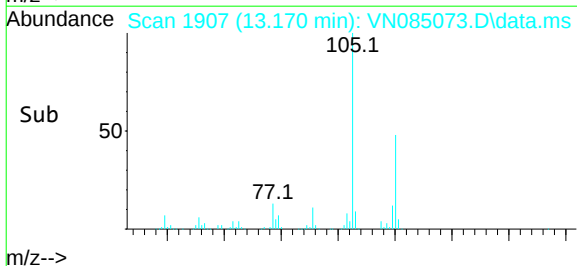
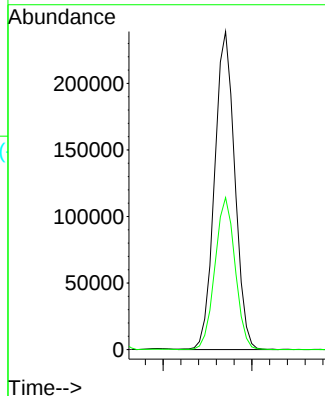
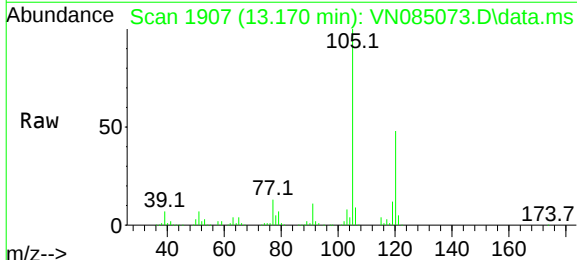
Manual Integrations
APPROVED

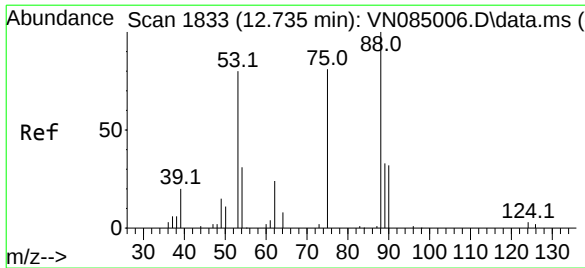
Reviewed By :John Carlone 12/04/2024
Supervised By :Mahesh Dadoda 12/04/2024



#80
1,3,5-Trimethylbenzene
Concen: 54.362 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN085073.D
Acq: 03 Dec 2024 11:41

Tgt Ion:105 Resp: 378008
Ion Ratio Lower Upper
105 100
120 47.6 23.6 71.0





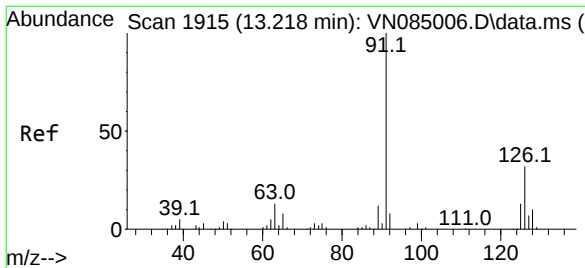
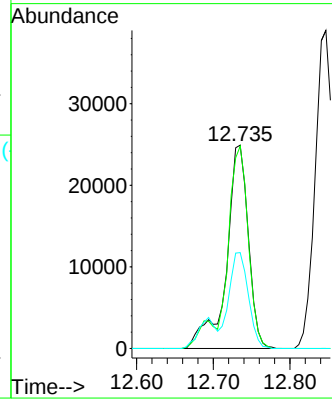
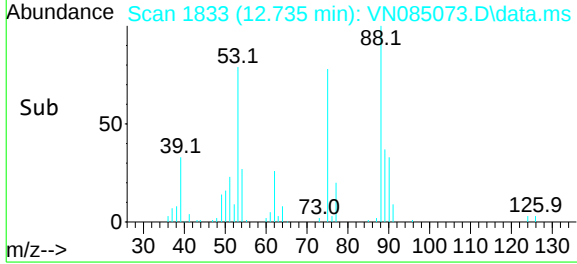
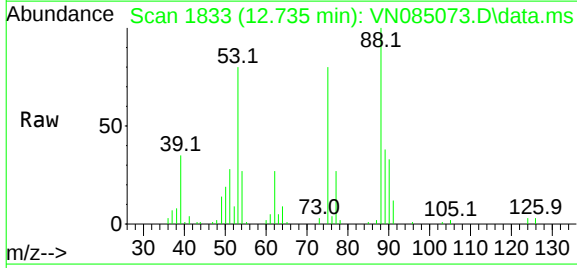
#81
trans-1,4-Dichloro-2-butene
Concen: 51.219 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN085073.D
Acq: 03 Dec 2024 11:41

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 49572
Ion Ratio Lower Upper
75 100
53 86.9 78.2 117.4
89 41.9 37.9 56.9

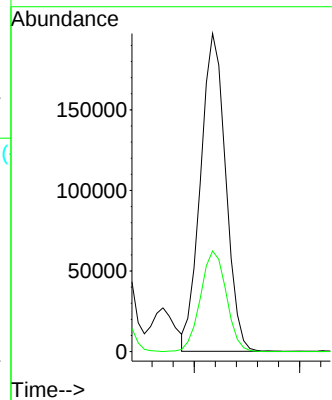
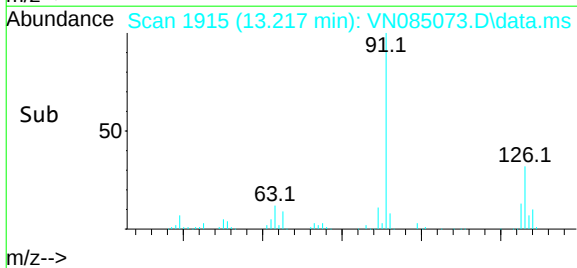
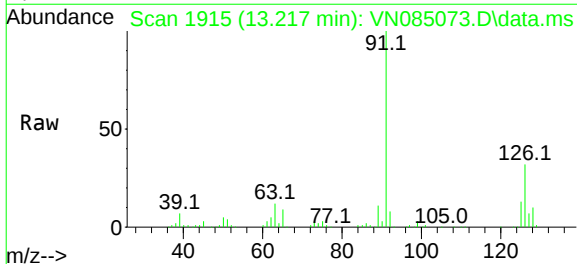
Manual Integrations
APPROVED

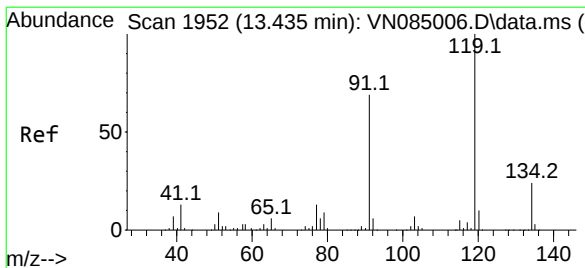
Reviewed By :John Carlone 12/04/2024
Supervised By :Mahesh Dadoda 12/04/2024



#82
4-Chlorotoluene
Concen: 49.106 ug/l
RT: 13.217 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VN085073.D
Acq: 03 Dec 2024 11:41

Tgt Ion: 91 Resp: 326165
Ion Ratio Lower Upper
91 100
126 32.5 16.1 48.3





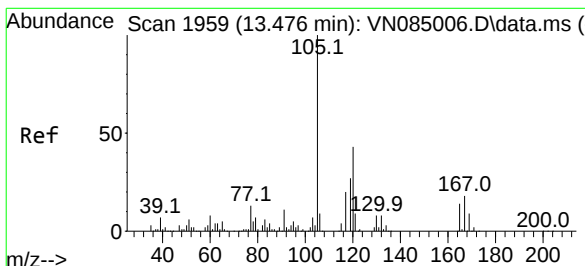
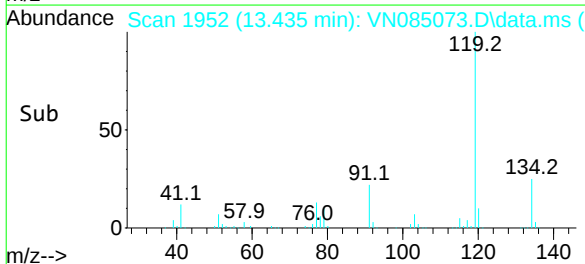
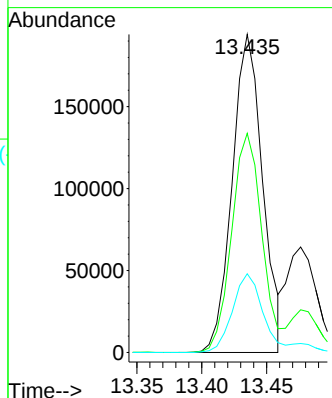
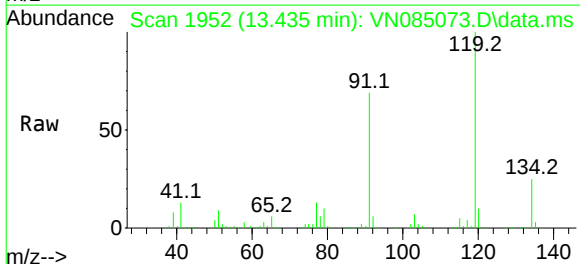
#83
tert-Butylbenzene
Concen: 52.925 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VN085073.D
Acq: 03 Dec 2024 11:41

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:119 Resp: 316645
Ion Ratio Lower Upper
119 100
91 69.6 35.1 105.5
134 24.5 12.1 36.3

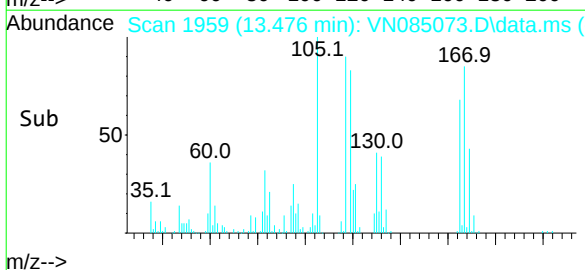
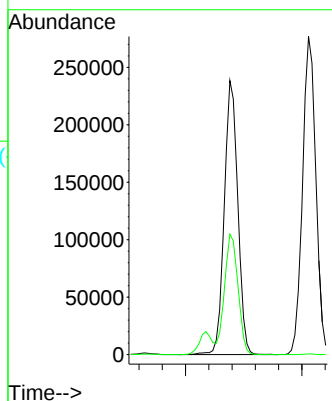
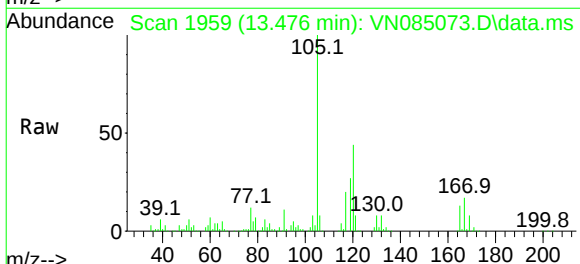
Manual Integrations
APPROVED

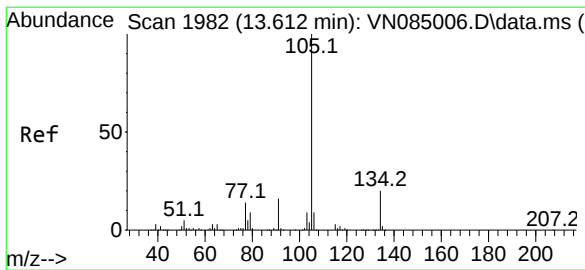
Reviewed By :John Carlone 12/04/2024
Supervised By :Mahesh Dadoda 12/04/2024



#84
1,2,4-Trimethylbenzene
Concen: 53.830 ug/l
RT: 13.476 min Scan# 1959
Delta R.T. -0.000 min
Lab File: VN085073.D
Acq: 03 Dec 2024 11:41

Tgt Ion:105 Resp: 385296
Ion Ratio Lower Upper
105 100
120 43.7 21.8 65.4





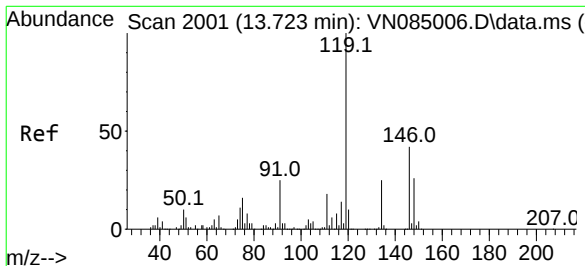
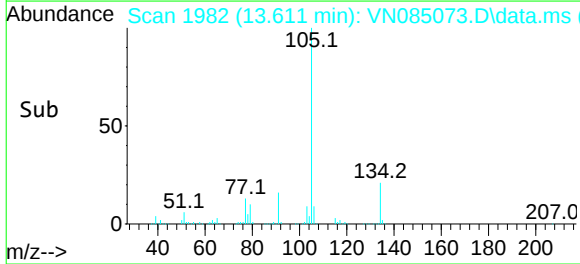
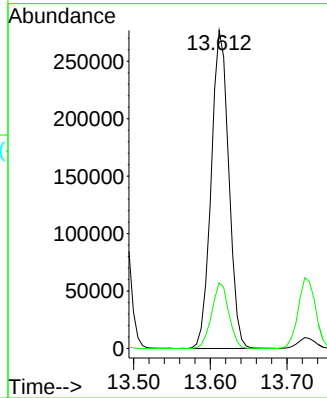
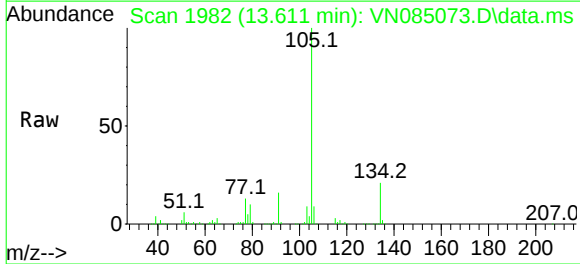
#85
sec-Butylbenzene
Concen: 54.484 ug/l
RT: 13.611 min Scan# 1982
Delta R.T. -0.000 min
Lab File: VN085073.D
Acq: 03 Dec 2024 11:41

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:105 Resp: 440348
Ion Ratio Lower Upper
105 100
134 20.1 9.8 29.3

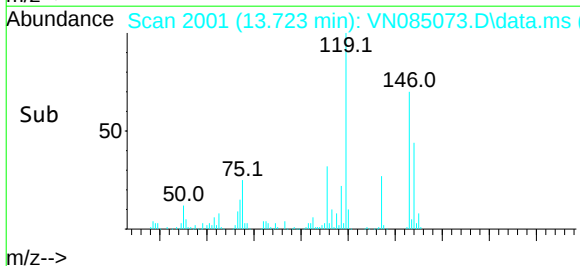
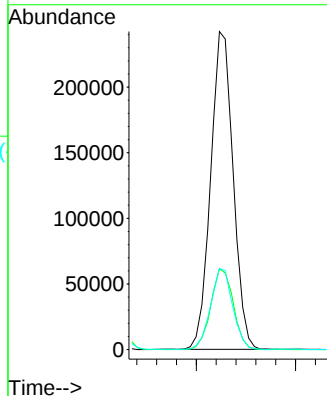
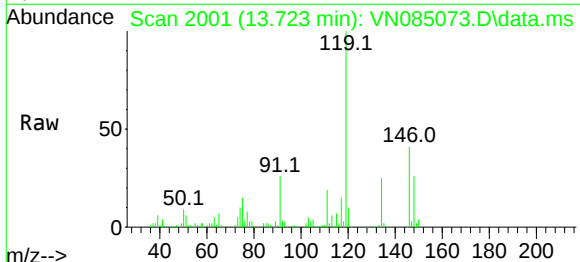
Manual Integrations
APPROVED

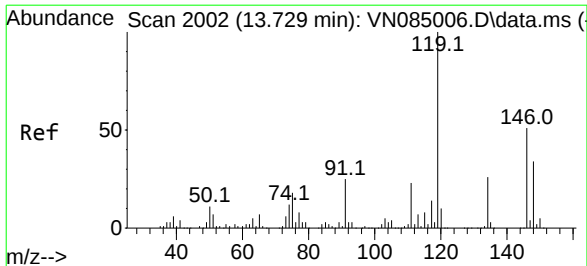
Reviewed By :John Carlone 12/04/2024
Supervised By :Mahesh Dadoda 12/04/2024



#86
p-Isopropyltoluene
Concen: 57.129 ug/l
RT: 13.723 min Scan# 2001
Delta R.T. -0.000 min
Lab File: VN085073.D
Acq: 03 Dec 2024 11:41

Tgt Ion:119 Resp: 381156
Ion Ratio Lower Upper
119 100
134 25.4 13.0 39.0
91 25.2 12.8 38.4





#87

1,3-Dichlorobenzene

Concen: 46.265 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. -0.000 min

Lab File: VN085073.D

Acq: 03 Dec 2024 11:41

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

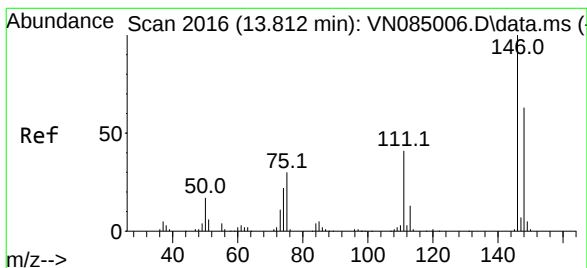
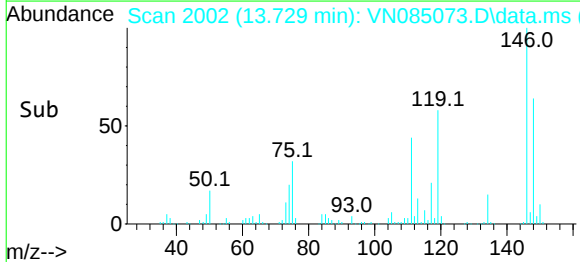
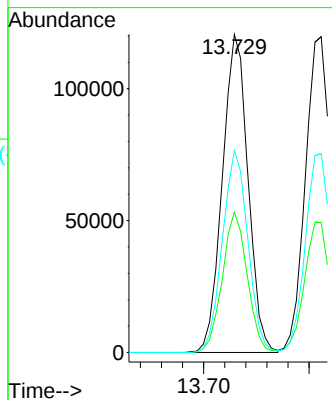
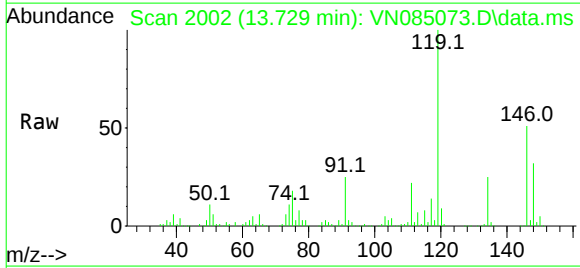
Tgt Ion:	146	Resp:	203496
Ion Ratio	Lower	Upper	
146	100		
111	42.7	21.6	65.0
148	63.1	32.2	96.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/04/2024

Supervised By :Mahesh Dadoda 12/04/2024



#88

1,4-Dichlorobenzene

Concen: 45.348 ug/l

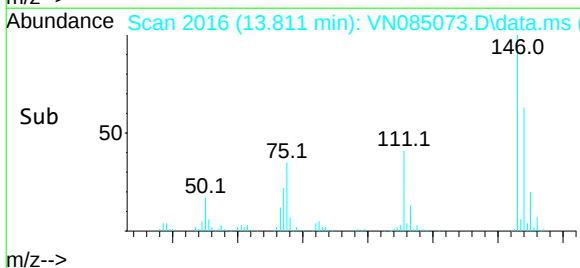
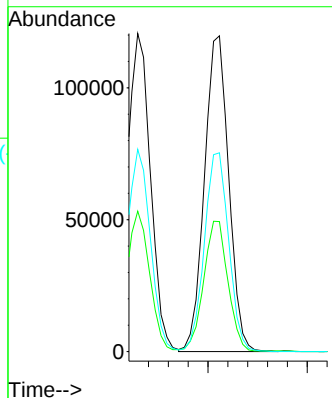
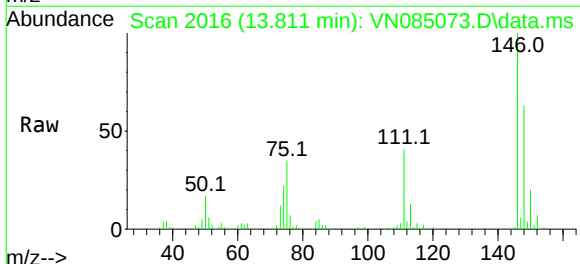
RT: 13.811 min Scan# 2016

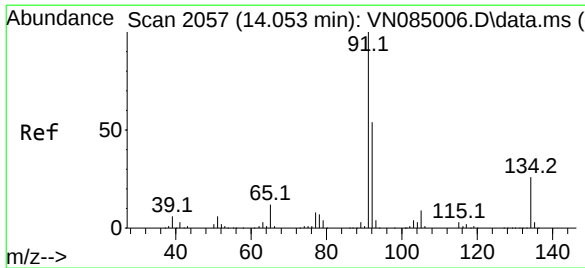
Delta R.T. -0.000 min

Lab File: VN085073.D

Acq: 03 Dec 2024 11:41

Tgt Ion:	146	Resp:	203552
Ion Ratio	Lower	Upper	
146	100		
111	41.1	20.9	62.8
148	63.2	31.3	93.9





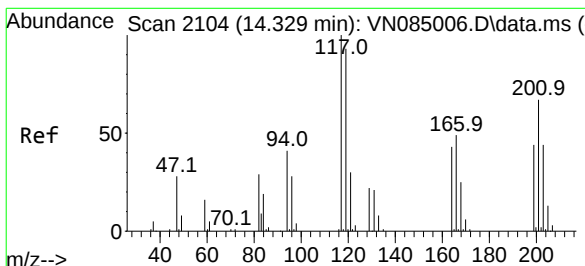
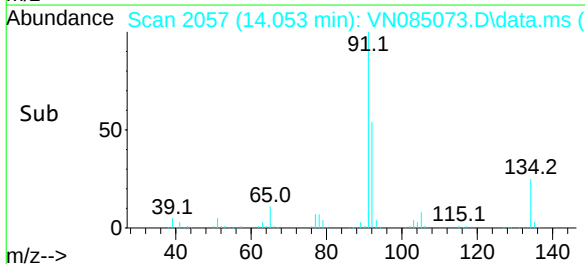
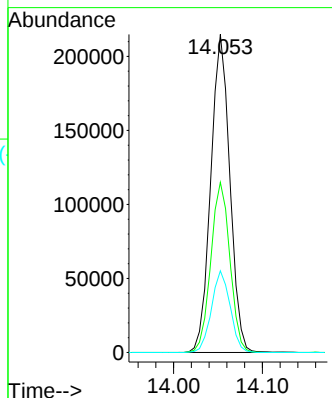
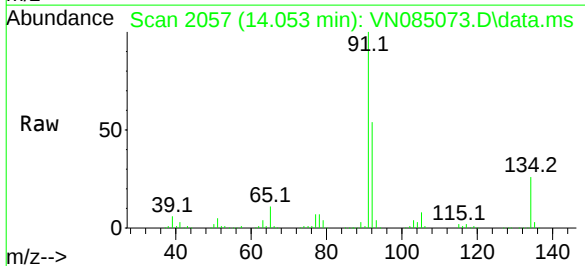
#89
n-Butylbenzene
Concen: 51.748 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN085073.D
Acq: 03 Dec 2024 11:41

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:	91	Resp:	321072
Ion	Ratio	Lower	Upper
91	100		
92	53.5	26.8	80.3
134	25.2	12.8	38.4

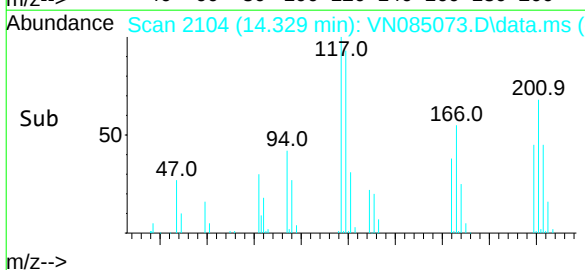
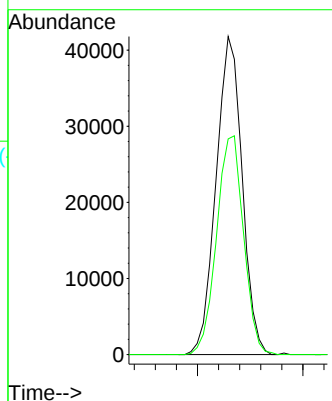
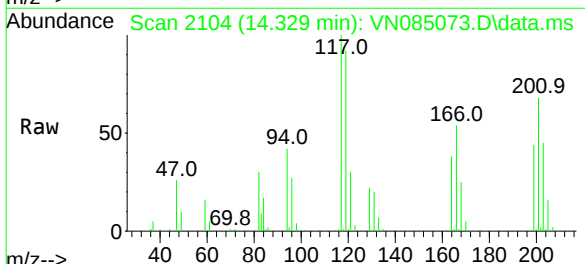
Manual Integrations
APPROVED

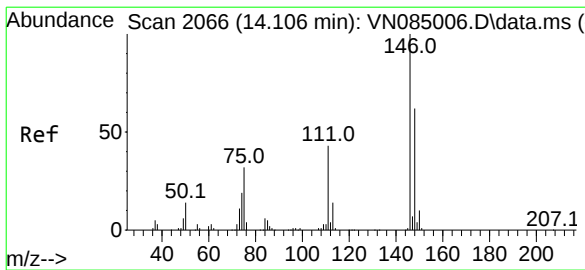
Reviewed By :John Carlone 12/04/2024
Supervised By :Mahesh Dadoda 12/04/2024



#90
Hexachloroethane
Concen: 49.483 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. -0.000 min
Lab File: VN085073.D
Acq: 03 Dec 2024 11:41

Tgt Ion:	117	Resp:	71963
Ion	Ratio	Lower	Upper
117	100		
201	71.0	35.2	105.6





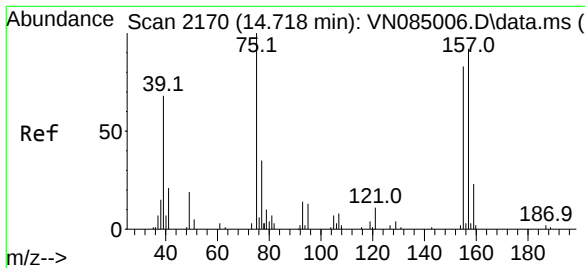
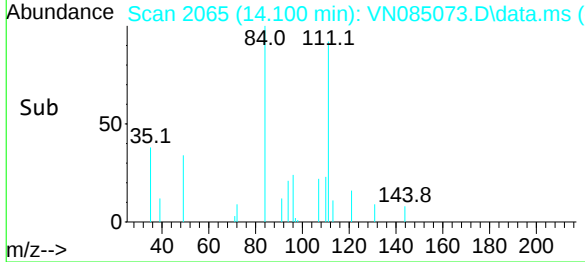
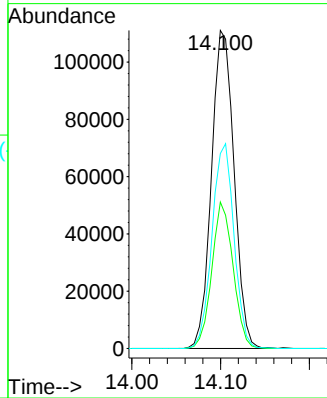
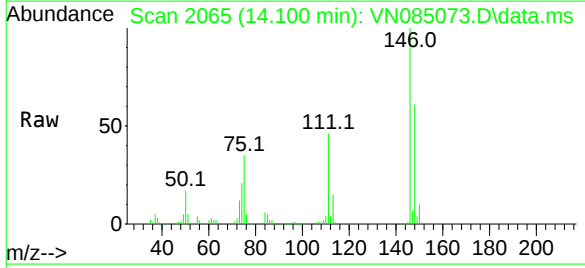
#91
1,2-Dichlorobenzene
Concen: 46.596 ug/l
RT: 14.100 min Scan# 2066
Delta R.T. -0.006 min
Lab File: VN085073.D
Acq: 03 Dec 2024 11:41

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:146 Resp: 196397
Ion Ratio Lower Upper
146 100
111 43.3 21.9 65.8
148 62.8 31.1 93.2

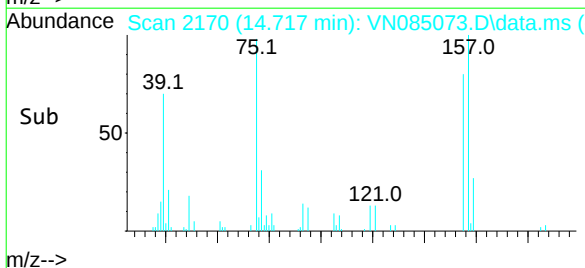
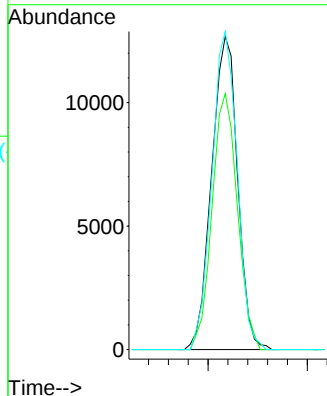
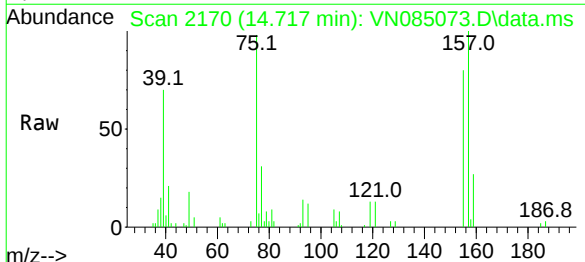
Manual Integrations
APPROVED

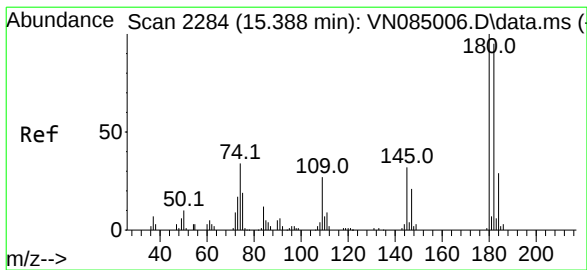
Reviewed By :John Carlone 12/04/2024
Supervised By :Mahesh Dadoda 12/04/2024



#92
1,2-Dibromo-3-Chloropropane
Concen: 42.092 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.000 min
Lab File: VN085073.D
Acq: 03 Dec 2024 11:41

Tgt Ion: 75 Resp: 23032
Ion Ratio Lower Upper
75 100
155 79.8 38.9 116.7
157 98.7 48.3 144.9





#93

1,2,4-Trichlorobenzene

Concen: 46.042 ug/l

RT: 15.388 min Scan# 2284

Delta R.T. -0.000 min

Lab File: VN085073.D

Acq: 03 Dec 2024 11:41

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

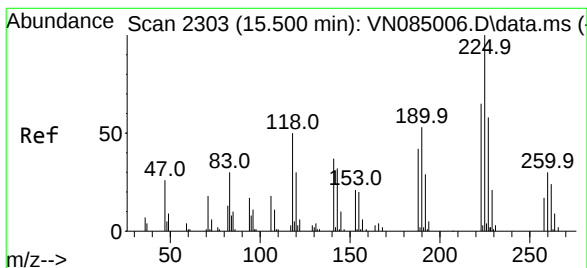
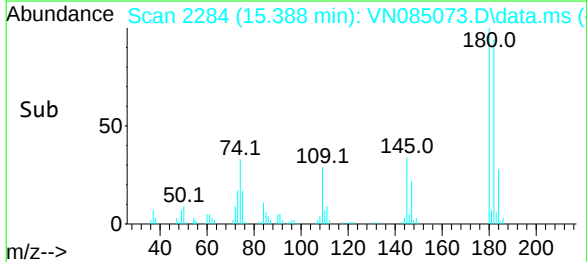
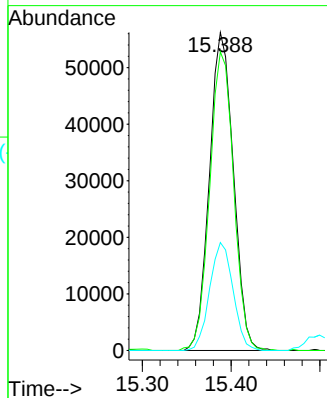
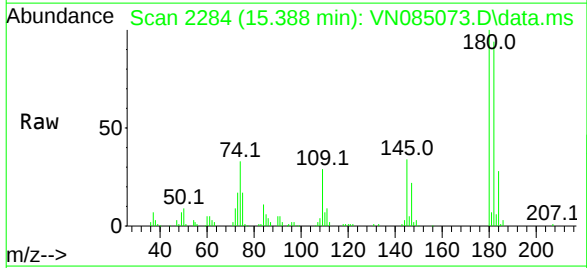
Tgt Ion:	180	Resp:	105427
Ion Ratio	Lower	Upper	
180	100		
182	93.9	46.9	140.8
145	33.1	16.3	48.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/04/2024

Supervised By :Mahesh Dadoda 12/04/2024



#94

Hexachlorobutadiene

Concen: 46.357 ug/l

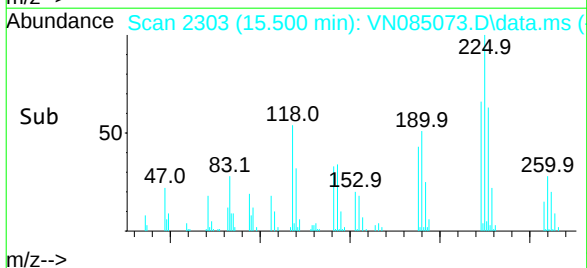
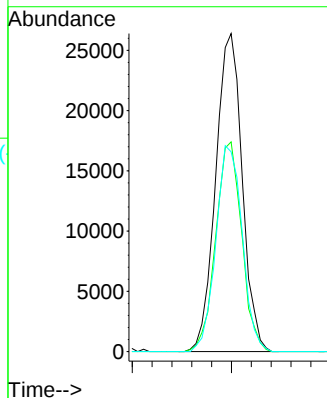
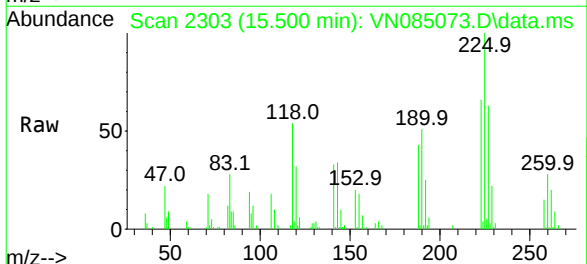
RT: 15.500 min Scan# 2303

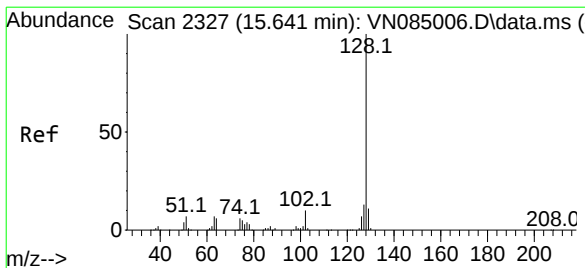
Delta R.T. -0.000 min

Lab File: VN085073.D

Acq: 03 Dec 2024 11:41

Tgt Ion:	225	Resp:	48989
Ion Ratio	Lower	Upper	
225	100		
223	64.5	30.9	92.8
227	64.2	31.5	94.5





#95

Naphthalene

Concen: 45.823 ug/l

RT: 15.635 min Scan# 2327

Delta R.T. -0.006 min

Lab File: VN085073.D

Acq: 03 Dec 2024 11:41

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

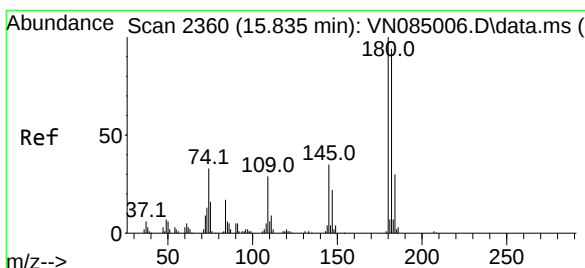
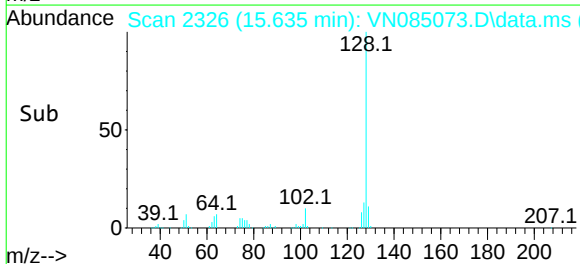
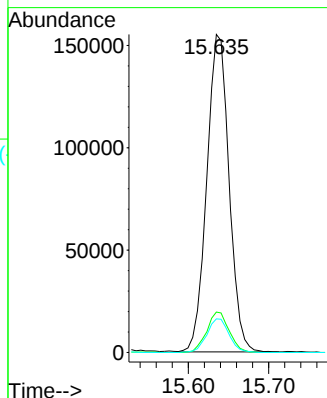
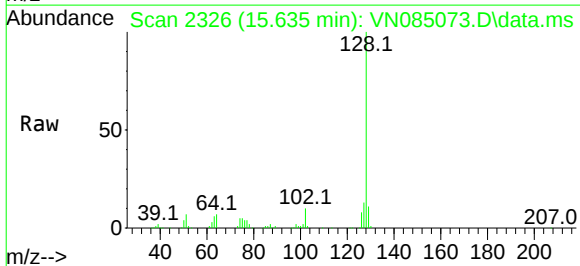
Tgt Ion:	128	Resp:	298843
Ion Ratio	Lower	Upper	
128	100		
127	12.8	10.6	16.0
129	10.6	8.6	12.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/04/2024

Supervised By :Mahesh Dadoda 12/04/2024



#96

1,2,3-Trichlorobenzene

Concen: 46.855 ug/l

RT: 15.835 min Scan# 2360

Delta R.T. -0.000 min

Lab File: VN085073.D

Acq: 03 Dec 2024 11:41

Tgt Ion:	180	Resp:	102371
Ion Ratio	Lower	Upper	
180	100		
182	96.8	46.4	139.2
145	35.3	17.3	52.0

