

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091224\
 Data File : VN083843.D
 Acq On : 12 Sep 2024 19:54
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Sep 13 00:24:48 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 11 15:18:56 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 09/13/2024
 Supervised By : Mahesh Dadoda 09/13/2024

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	161065	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	279917	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	251954	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	131735	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	124554	51.286	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 102.580%			
35) Dibromofluoromethane	8.165	113	89727	50.071	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.140%			
50) Toluene-d8	10.565	98	324832	52.434	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 104.860%			
62) 4-Bromofluorobenzene	12.847	95	137512	53.802	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 107.600%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	86026	45.990	ug/l	99
3) Chloromethane	2.359	50	88143	45.997	ug/l	97
4) Vinyl Chloride	2.512	62	94409	46.047	ug/l	95
5) Bromomethane	2.901	94	51628	43.858	ug/l	96
6) Chloroethane	3.059	64	61243	42.584	ug/l	92
7) Trichlorofluoromethane	3.459	101	158208	45.459	ug/l	99
8) Diethyl Ether	3.953	74	57775	49.524	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.359	101	82915	44.949	ug/l	97
10) Methyl Iodide	4.577	142	107075	45.641	ug/l	95
11) Tert butyl alcohol	5.542	59	93118	286.326	ug/l	100
12) 1,1-Dichloroethene	4.324	96	80086	45.971	ug/l	97
13) Acrolein	4.177	56	64757	201.810	ug/l	98
14) Allyl chloride	5.012	41	146958	47.342	ug/l	97
15) Acrylonitrile	5.718	53	217741	246.193	ug/l	100
16) Acetone	4.430	43	185664	190.702	ug/l	98
17) Carbon Disulfide	4.700	76	204906	42.048	ug/l	99
18) Methyl Acetate	5.024	43	113703	56.286	ug/l	100
19) Methyl tert-butyl Ether	5.789	73	310193	49.206	ug/l	98
20) Methylene Chloride	5.271	84	91654	46.004	ug/l	93
21) trans-1,2-Dichloroethene	5.777	96	83769	44.869	ug/l	92
22) Diisopropyl ether	6.671	45	310824	48.642	ug/l	99
23) Vinyl Acetate	6.600	43	1158101	247.484	ug/l	99
24) 1,1-Dichloroethane	6.559	63	171209	46.506	ug/l	98
25) 2-Butanone	7.483	43	300423	234.776	ug/l	99
26) 2,2-Dichloropropane	7.483	77	140986	41.585	ug/l	97
27) cis-1,2-Dichloroethene	7.483	96	104958	47.358	ug/l	99
28) Bromochloromethane	7.806	49	71744	46.277	ug/l	96
29) Tetrahydrofuran	7.836	42	192116	253.911	ug/l	99
30) Chloroform	7.965	83	183578	46.971	ug/l	96
31) Cyclohexane	8.253	56	145526	41.460	ug/l	97
32) 1,1,1-Trichloroethane	8.165	97	170942	47.567	ug/l	99
36) 1,1-Dichloropropene	8.365	75	124093	46.008	ug/l	98
37) Ethyl Acetate	7.559	43	123797	50.565	ug/l	99
38) Carbon Tetrachloride	8.359	117	146442	47.857	ug/l	99
39) Methylcyclohexane	9.600	83	136339	44.409	ug/l	98
40) Benzene	8.606	78	382303	47.092	ug/l	99

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Manual Integrations
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Reviewed By : John Carlone 09/13/2024
 Supervised By : Mahesh Dadoda 09/13/2024

Quant Time: Sep 13 00:24:48 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 11 15:18:56 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	68539	47.332	ug/l	96
42) 1,2-Dichloroethane	8.671	62	146735	48.371	ug/l	100
43) Isopropyl Acetate	8.688	43	324808	73.211	ug/l #	89
44) Trichloroethene	9.347	130	87625	46.610	ug/l	96
45) 1,2-Dichloropropane	9.624	63	92835	47.313	ug/l	95
46) Dibromomethane	9.706	93	67378	49.025	ug/l	98
47) Bromodichloromethane	9.888	83	145015	48.755	ug/l	97
48) Methyl methacrylate	9.677	41	109203	51.881	ug/l	97
49) 1,4-Dioxane	9.700	88	35633	1029.060	ug/l #	100
51) 4-Methyl-2-Pentanone	10.447	43	639920	264.971	ug/l	98
52) Toluene	10.629	92	236376	47.602	ug/l	95
53) t-1,3-Dichloropropene	10.835	75	147214	48.829	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	154217	48.696	ug/l	95
55) 1,1,2-Trichloroethane	11.018	97	87000	46.929	ug/l	98
56) Ethyl methacrylate	10.871	69	153403	53.784	ug/l	96
57) 1,3-Dichloropropane	11.165	76	156238	49.036	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	337762	328.653	ug/l	98
59) 2-Hexanone	11.194	43	477485	267.278	ug/l	98
60) Dibromochloromethane	11.359	129	104260	50.253	ug/l	99
61) 1,2-Dibromoethane	11.471	107	89555	48.438	ug/l	100
64) Tetrachloroethene	11.106	164	77850	46.462	ug/l	94
65) Chlorobenzene	11.894	112	252703	45.127	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	90541	46.640	ug/l	99
67) Ethyl Benzene	11.965	91	467469	46.993	ug/l	98
68) m/p-Xylenes	12.071	106	342687	92.789	ug/l	99
69) o-Xylene	12.394	106	169281	47.348	ug/l	100
70) Styrene	12.412	104	286974	48.908	ug/l	99
71) Bromoform	12.576	173	66736	51.015	ug/l #	99
73) Isopropylbenzene	12.694	105	440746	43.245	ug/l	100
74) N-amyl acetate	12.494	43	218555	50.261	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.935	83	130139	43.459	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	112560m	42.345	ug/l	
77) Bromobenzene	12.976	156	102948	41.963	ug/l	98
78) n-propylbenzene	13.035	91	504743	42.564	ug/l	100
79) 2-Chlorotoluene	13.123	91	320641	42.398	ug/l	99
80) 1,3,5-Trimethylbenzene	13.170	105	370647	43.135	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	43351	42.714	ug/l	93
82) 4-Chlorotoluene	13.218	91	324828	42.801	ug/l	100
83) tert-Butylbenzene	13.435	119	324344	43.144	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	379229	43.936	ug/l	99
85) sec-Butylbenzene	13.618	105	439784	44.110	ug/l	99
86) p-Isopropyltoluene	13.729	119	368973	44.148	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	189719	40.976	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	191978	40.949	ug/l	99
89) n-Butylbenzene	14.053	91	317707	42.339	ug/l	99
90) Hexachloroethane	14.335	117	70683	42.072	ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	191572	42.873	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	28911	48.432	ug/l	97
93) 1,2,4-Trichlorobenzene	15.388	180	99640	41.554	ug/l	99
94) Hexachlorobutadiene	15.500	225	42110	41.353	ug/l	99
95) Naphthalene	15.635	128	350430	48.037	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	98160	42.835	ug/l	99

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MSVOA_N
ClientSampleId :
VSTDCCC050EC

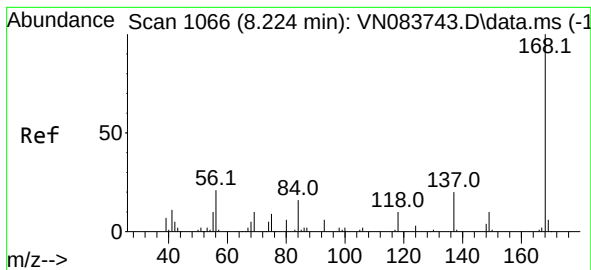
Manual Integrations
APPROVED

Reviewed By :John Carlone 09/13/2024
Supervised By :Mahesh Dadoda 09/13/2024

Quant Time: Sep 13 00:24:48 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 11 15:18:56 2024
Response via : Initial Calibration

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



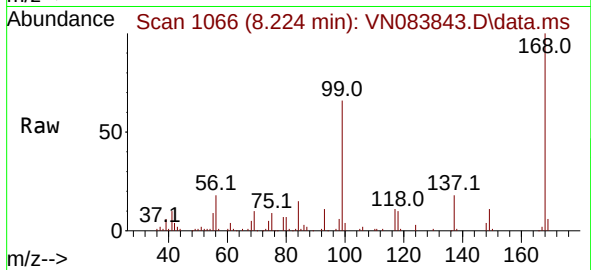
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083843.D
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Instrument :

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VSTDCCC050EC



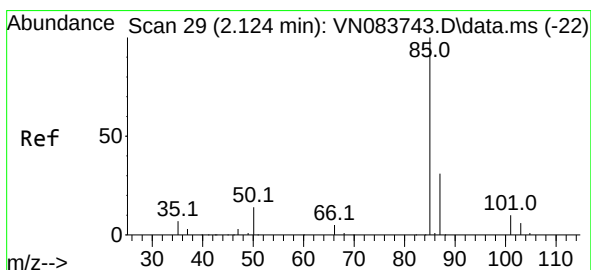
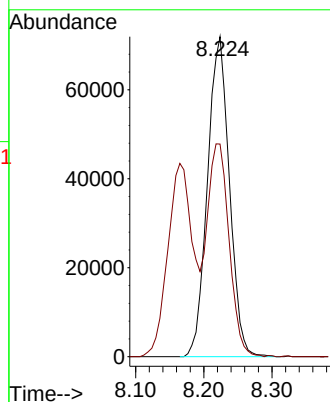
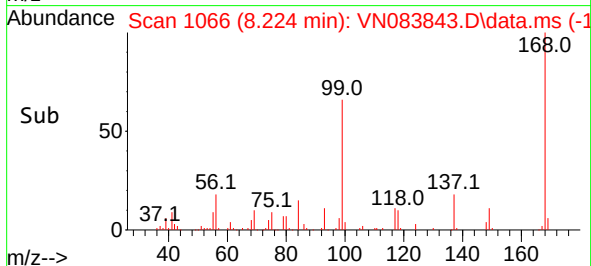
Tgt Ion:168 Resp: 161068
Ion Ratio Lower Upper
168 100
99 66.5 54.2 81.2

Manual Integrations

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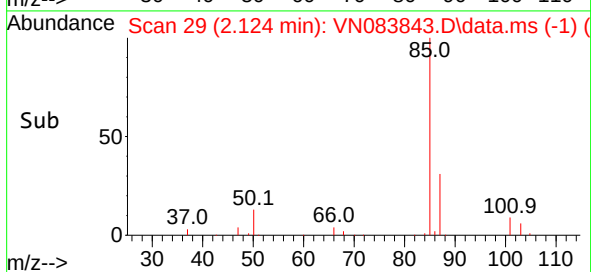
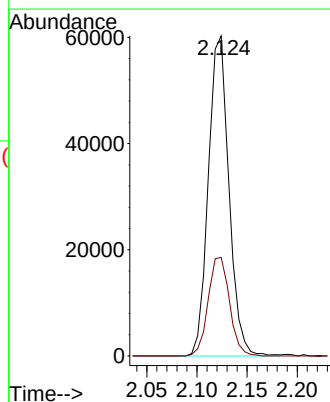
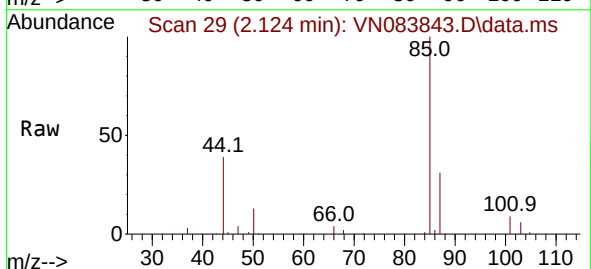
Reviewed By :John Carlone 09/13/2024

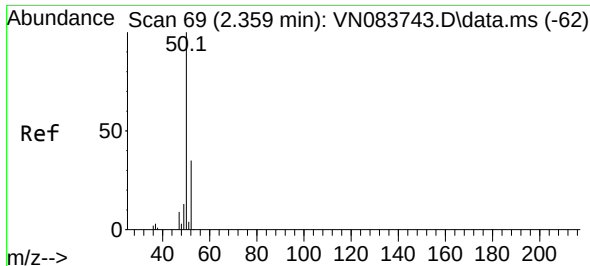
Supervised By :Mahesh Dadoda 09/13/2024



#2
Dichlorodifluoromethane
Concen: 45.990 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN083843.D
Acq: 12 Sep 2024 19:54

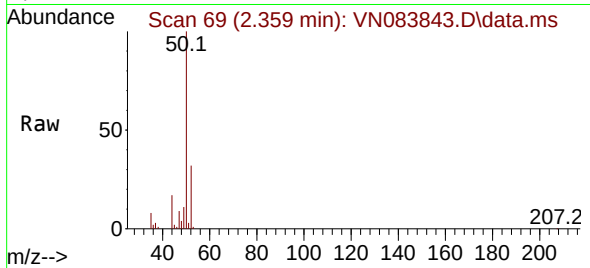
Tgt Ion: 85 Resp: 86026
Ion Ratio Lower Upper
85 100
87 30.8 15.7 47.0





#3
Chloromethane
Concen: 45.997 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN083843.D
Acq: 12 Sep 2024 19:54

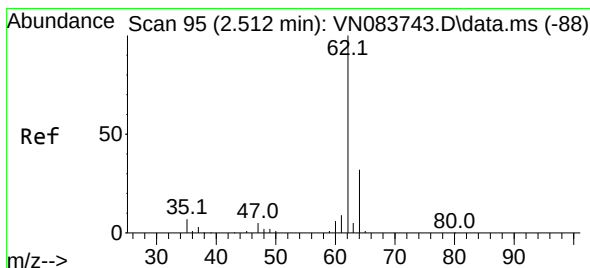
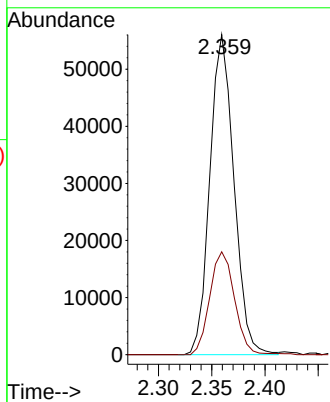
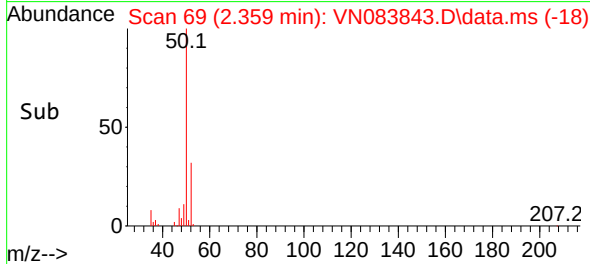
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 50 Resp: 8814
Ion Ratio Lower Upper
50 100
52 32.2 27.2 40.8

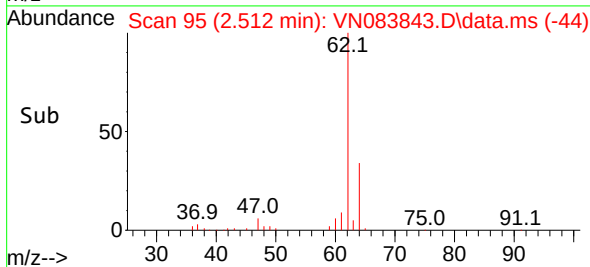
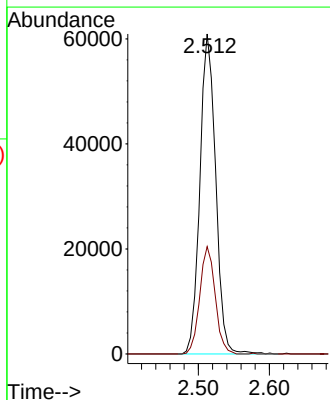
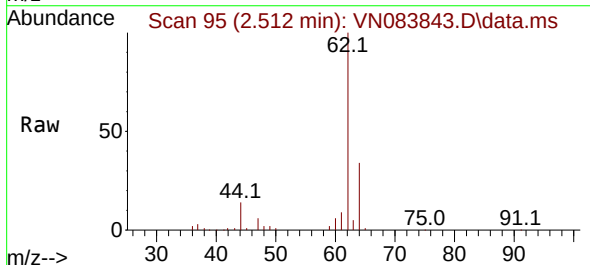
Manual Integrations
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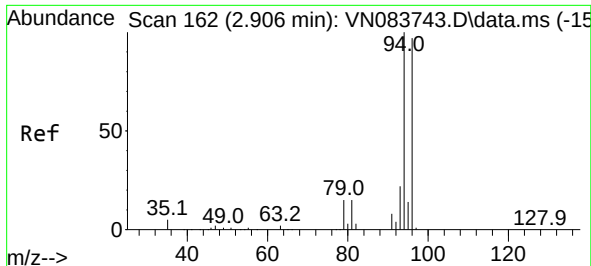
Reviewed By :John Carlone 09/13/2024
Supervised By :Mahesh Dadoda 09/13/2024



#4
Vinyl Chloride
Concen: 46.047 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN083843.D
Acq: 12 Sep 2024 19:54

Tgt Ion: 62 Resp: 94409
Ion Ratio Lower Upper
62 100
64 33.5 24.7 37.1





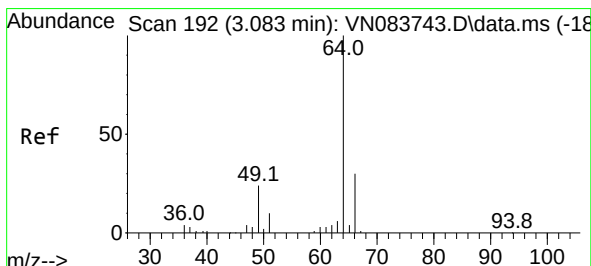
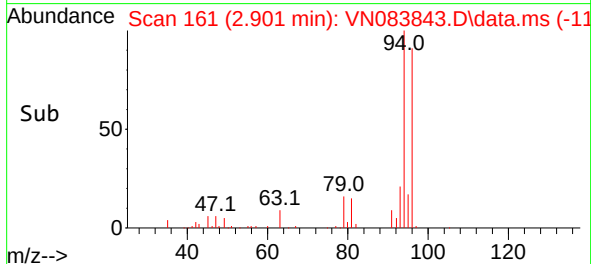
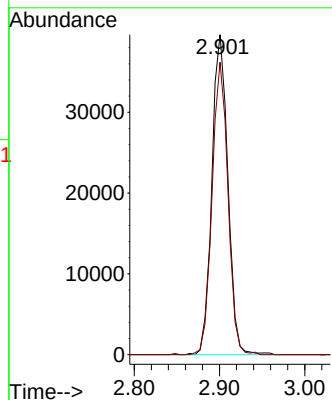
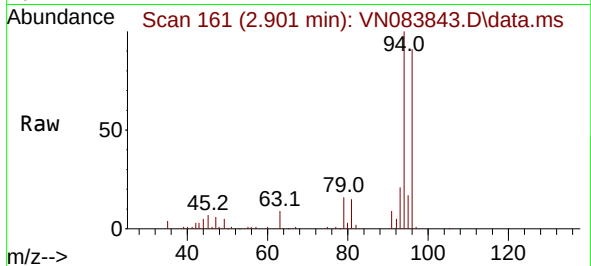
#5
Bromomethane
Concen: 43.858 ug/l
RT: 2.901 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN083843.D
Acq: 12 Sep 2024 19:54

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 94 Resp: 51628
Ion Ratio Lower Upper
94 100
96 91.4 76.0 114.0

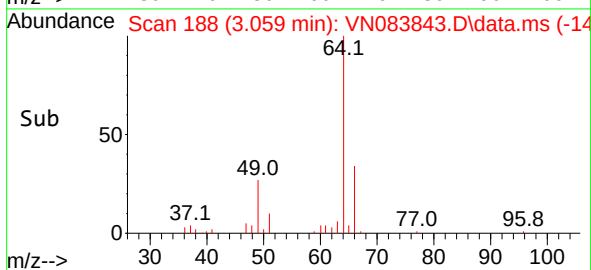
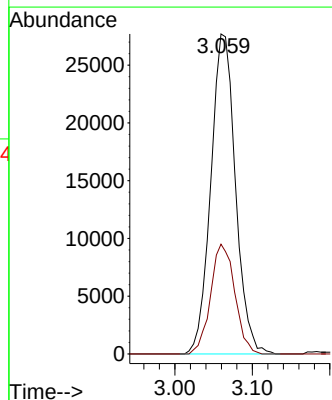
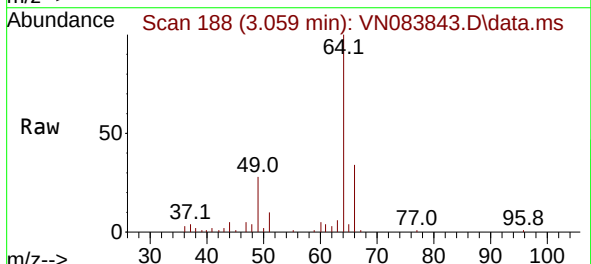
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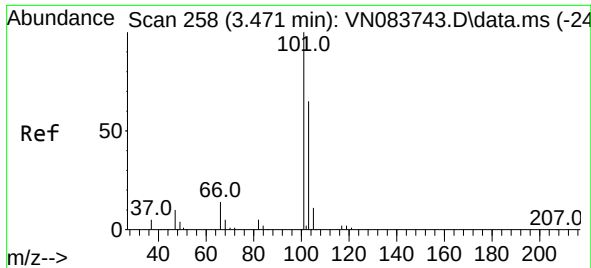
Reviewed By :John Carlone 09/13/2024
Supervised By :Mahesh Dadoda 09/13/2024



#6
Chloroethane
Concen: 42.584 ug/l
RT: 3.059 min Scan# 188
Delta R.T. -0.024 min
Lab File: VN083843.D
Acq: 12 Sep 2024 19:54

Tgt Ion: 64 Resp: 61243
Ion Ratio Lower Upper
64 100
66 34.3 23.9 35.9





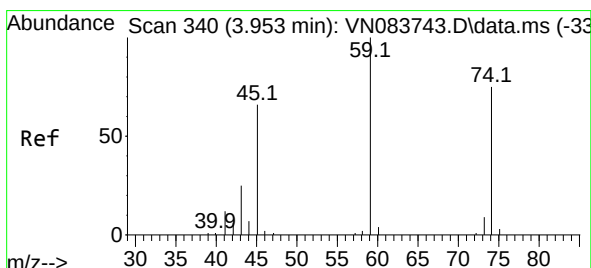
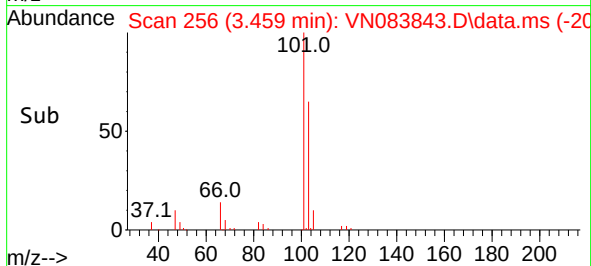
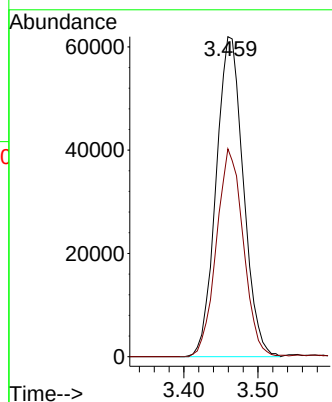
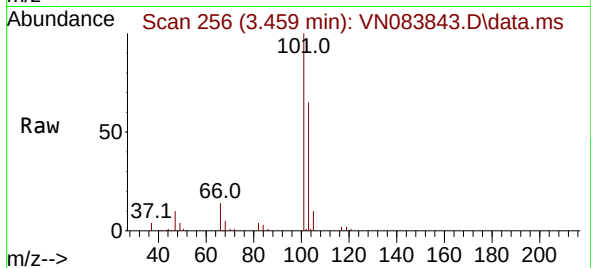
#7
Trichlorofluoromethane
Concen: 45.459 ug/l
RT: 3.459 min Scan# 21
Delta R.T. -0.012 min
Lab File: VN083843.D
Acq: 12 Sep 2024 19:54

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 158208
Ion Ratio Lower Upper
101 100
103 64.9 51.4 77.0

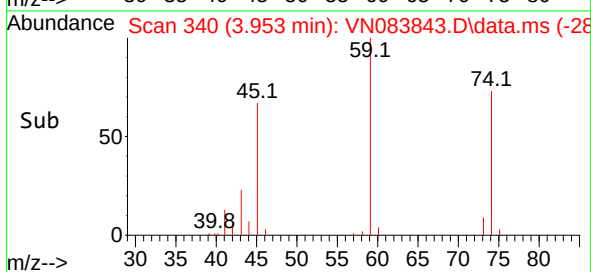
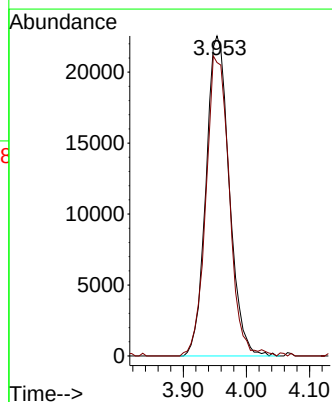
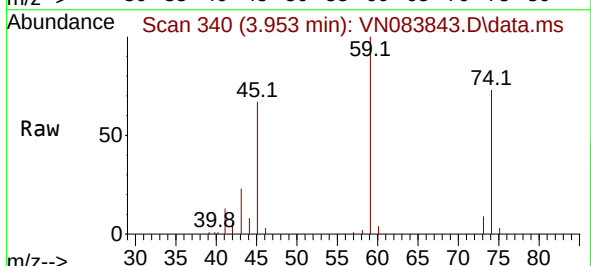
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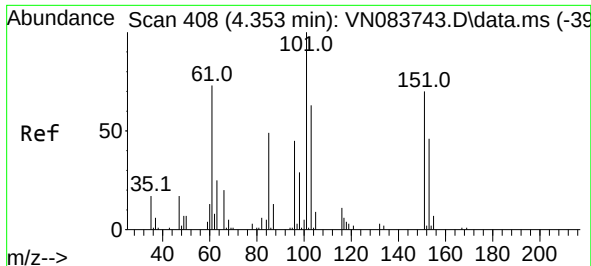
Reviewed By :John Carlone 09/13/2024
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#8
Diethyl Ether
Concen: 49.524 ug/l
RT: 3.953 min Scan# 340
Delta R.T. 0.000 min
Lab File: VN083843.D
Acq: 12 Sep 2024 19:54

Tgt Ion: 74 Resp: 57775
Ion Ratio Lower Upper
74 100
45 94.3 46.7 140.1





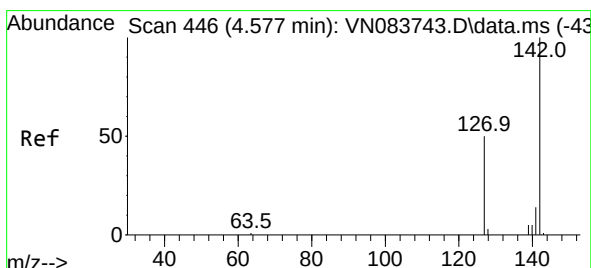
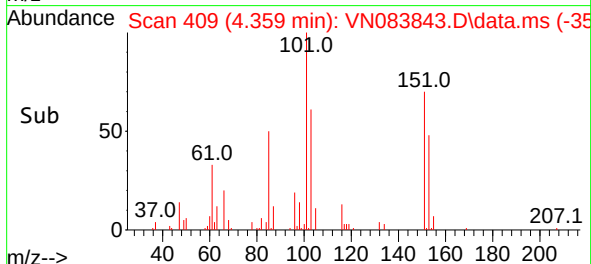
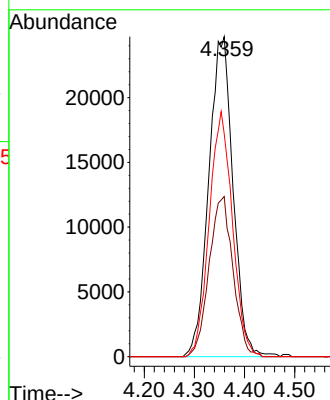
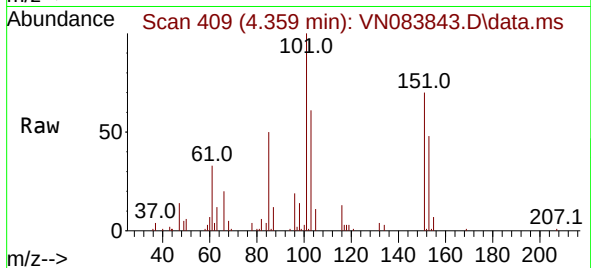
#9
1,1,2-Trichlorotrifluoroethane
Concen: 44.949 ug/l
RT: 4.359 min Scan# 408
Delta R.T. 0.006 min
Lab File: VN083843.D
Acq: 12 Sep 2024 19:54

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 82915
Ion Ratio Lower Upper
101 100
85 49.4 36.2 54.4
151 73.3 57.7 86.5

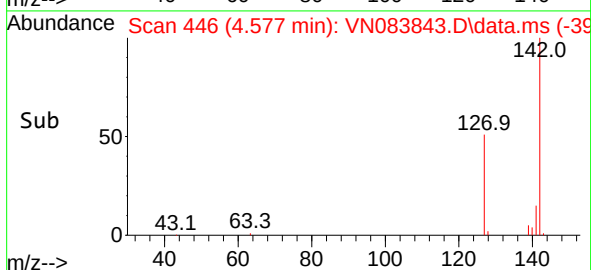
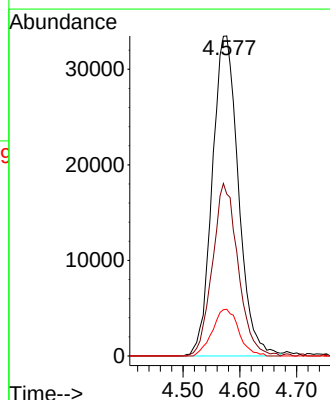
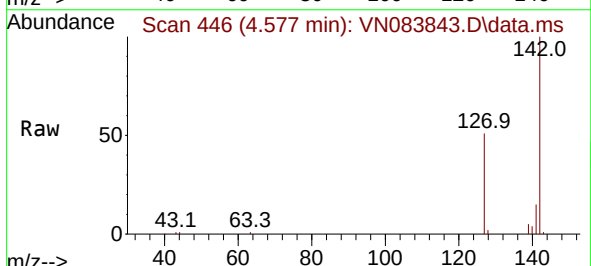
Manual Integrations
APPROVED

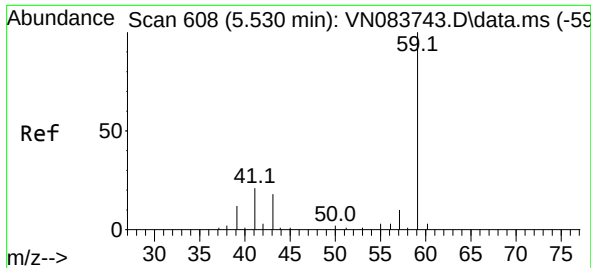
Reviewed By :John Carlone 09/13/2024
Supervised By :Mahesh Dadoda 09/13/2024



#10
Methyl Iodide
Concen: 45.641 ug/l
RT: 4.577 min Scan# 446
Delta R.T. 0.000 min
Lab File: VN083843.D
Acq: 12 Sep 2024 19:54

Tgt Ion:142 Resp: 107075
Ion Ratio Lower Upper
142 100
127 50.6 37.5 56.3
141 14.6 11.0 16.4





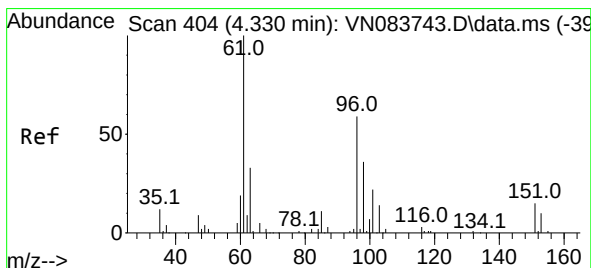
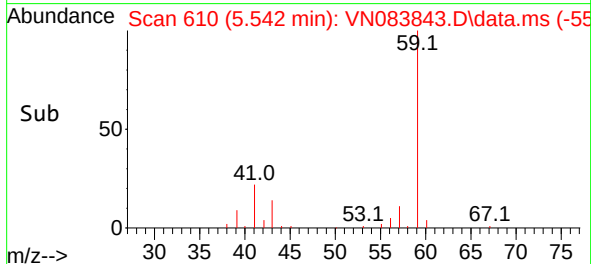
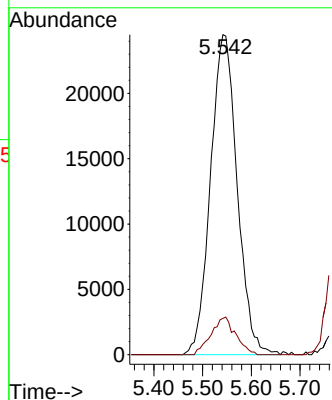
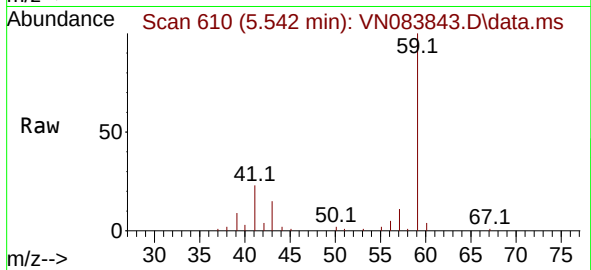
#11
Tert butyl alcohol
Concen: 286.326 ug/l
RT: 5.542 min Scan# 610
Delta R.T. 0.012 min
Lab File: VN083843.D
Acq: 12 Sep 2024 19:54

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 59 Resp: 93118
Ion Ratio Lower Upper
59 100
57 10.8 8.7 13.1

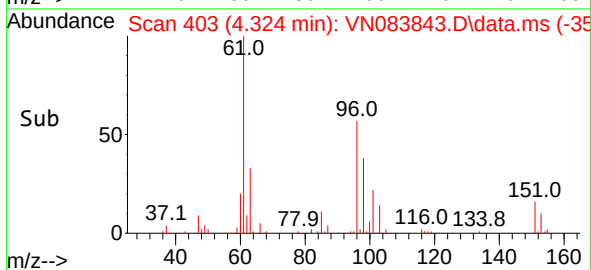
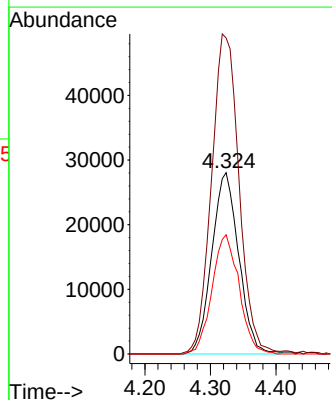
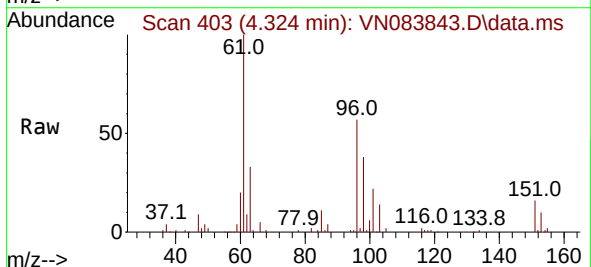
Manual Integrations
APPROVED

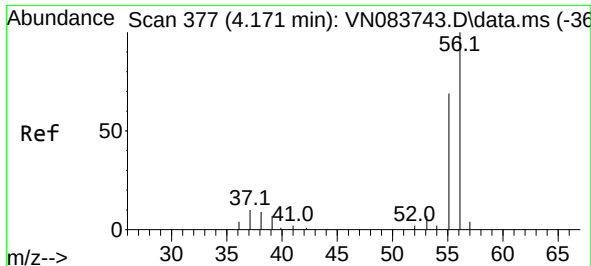
Reviewed By :John Carlone 09/13/2024
Supervised By :Mahesh Dadoda 09/13/2024



#12
1,1-Dichloroethene
Concen: 45.971 ug/l
RT: 4.324 min Scan# 403
Delta R.T. -0.006 min
Lab File: VN083843.D
Acq: 12 Sep 2024 19:54

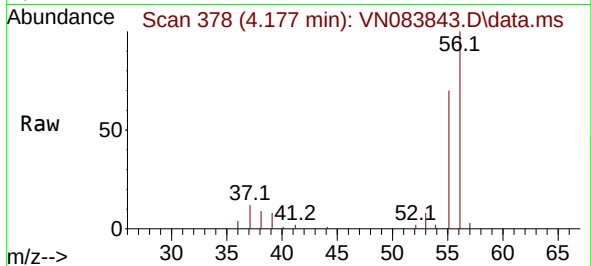
Tgt Ion: 96 Resp: 80086
Ion Ratio Lower Upper
96 100
61 174.4 143.4 215.0
98 65.8 52.7 79.1





#13
Acrolein
Concen: 201.810 ug/l
RT: 4.177 min Scan# 31
Delta R.T. 0.006 min
Lab File: VN083843.D
Acq: 12 Sep 2024 19:54

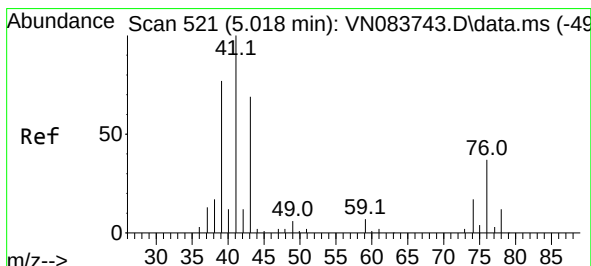
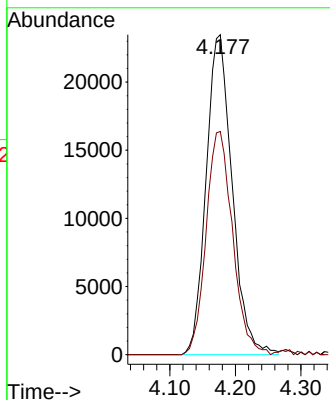
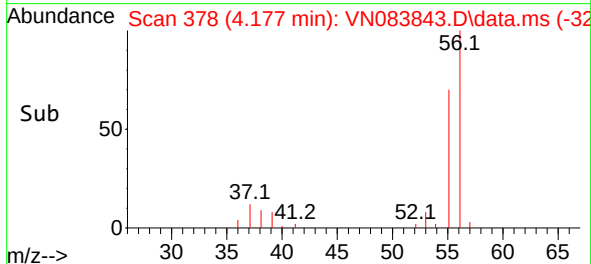
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



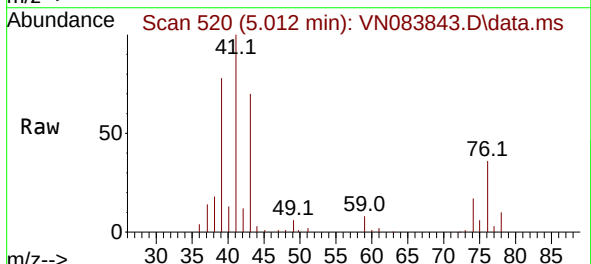
Tgt Ion: 56 Resp: 6475
Ion Ratio Lower Upper
56 100
55 70.9 58.2 87.2

Manual Integrations
APPROVED

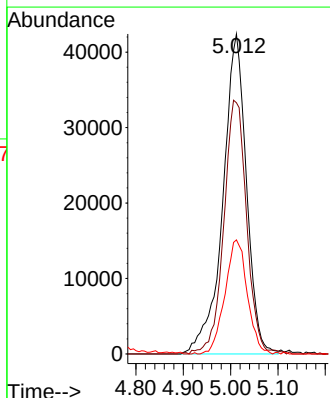
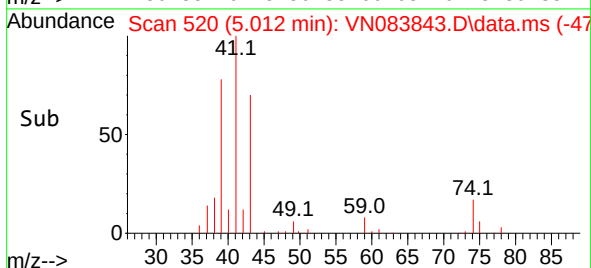
Reviewed By :John Carlone 09/13/2024
Supervised By :Mahesh Dadoda 09/13/2024

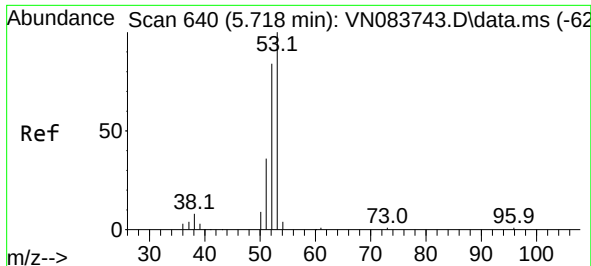


#14
Allyl chloride
Concen: 47.342 ug/l
RT: 5.012 min Scan# 520
Delta R.T. -0.006 min
Lab File: VN083843.D
Acq: 12 Sep 2024 19:54



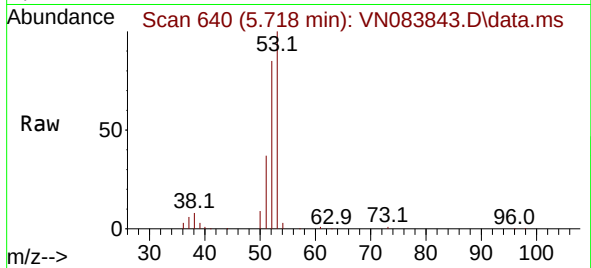
Tgt Ion: 41 Resp: 146958
Ion Ratio Lower Upper
41 100
39 76.6 59.3 88.9
76 33.7 27.7 41.5





#15
Acrylonitrile
Concen: 246.193 ug/l
RT: 5.718 min Scan# 640
Delta R.T. 0.000 min
Lab File: VN083843.D
Acq: 12 Sep 2024 19:54

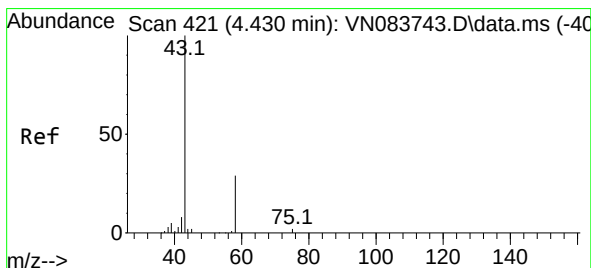
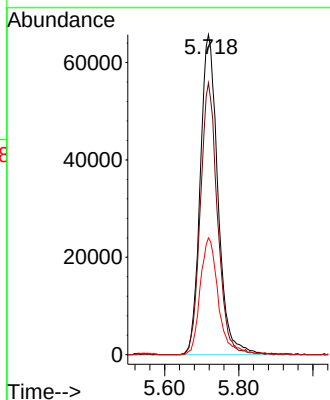
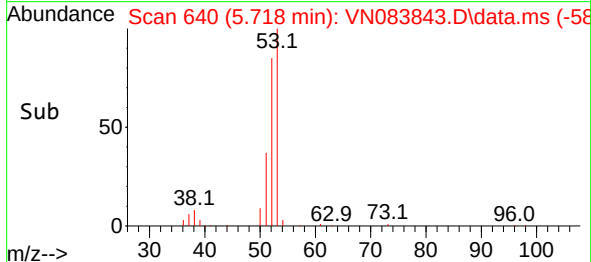
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 21774
Ion Ratio Lower Upper
53 100
52 82.4 66.1 99.1
51 37.4 29.6 44.4

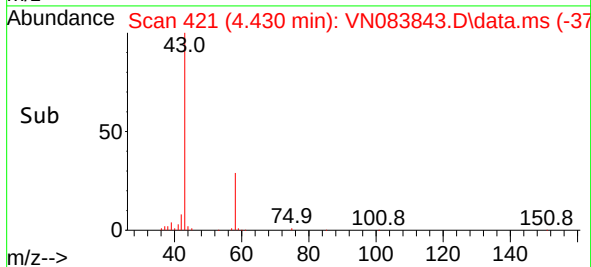
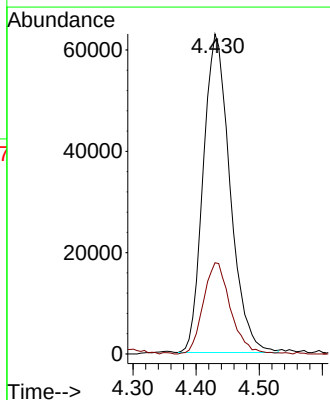
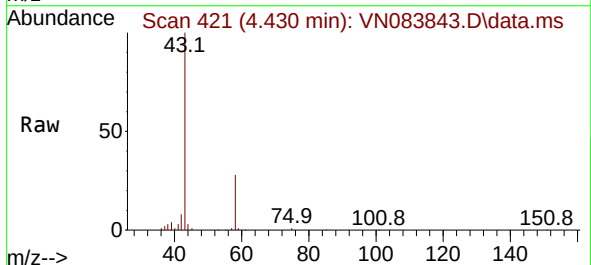
Manual Integrations
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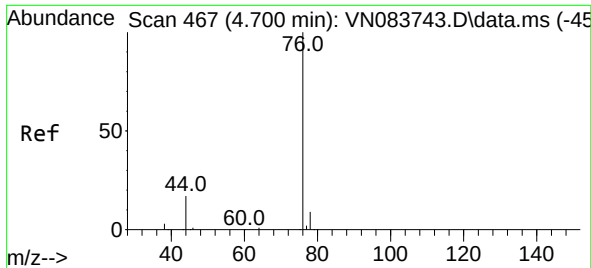
Reviewed By :John Carlone 09/13/2024
Supervised By :Mahesh Dadoda 09/13/2024



#16
Acetone
Concen: 190.702 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.000 min
Lab File: VN083843.D
Acq: 12 Sep 2024 19:54

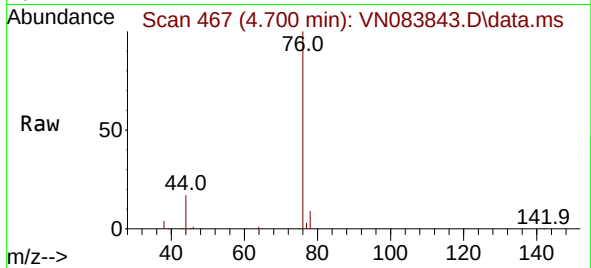
Tgt Ion: 43 Resp: 185664
Ion Ratio Lower Upper
43 100
58 28.6 23.7 35.5





#17
Carbon Disulfide
Concen: 42.048 ug/l
RT: 4.700 min Scan# 467
Delta R.T. 0.000 min
Lab File: VN083843.D
Acq: 12 Sep 2024 19:54

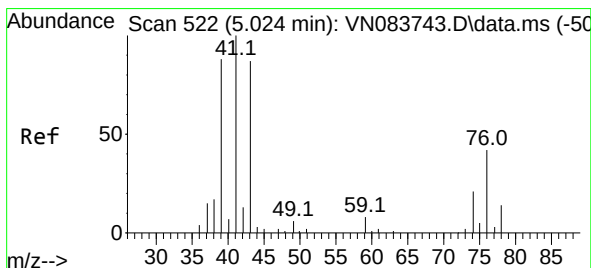
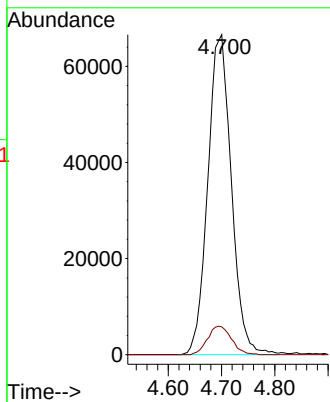
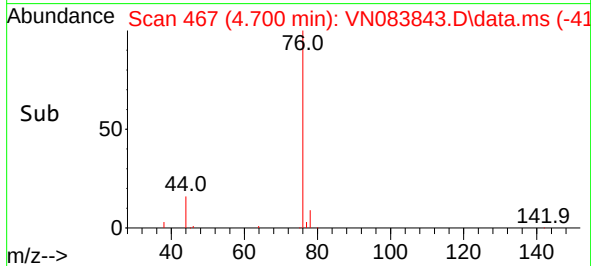
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 204900
Ion Ratio Lower Upper
76 100
78 8.7 7.1 10.7

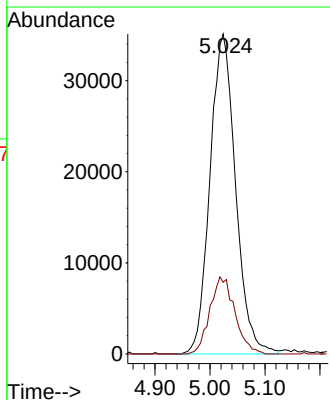
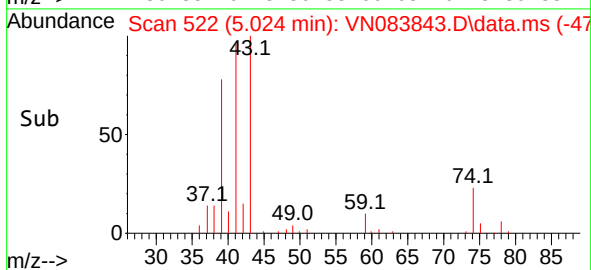
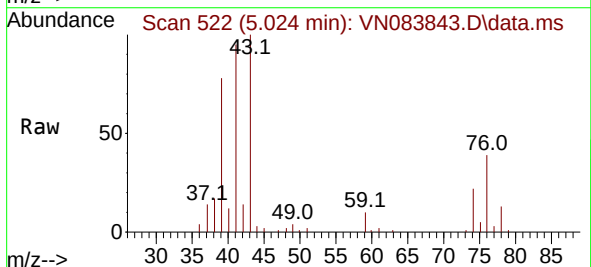
Manual Integrations
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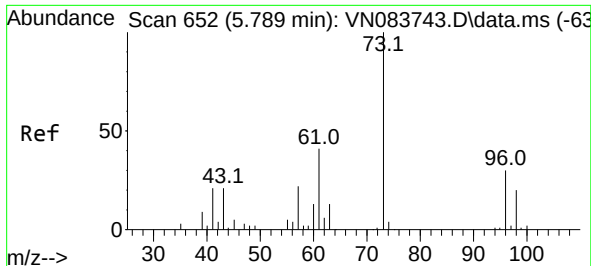
Reviewed By :John Carlone 09/13/2024
Supervised By :Mahesh Dadoda 09/13/2024



#18
Methyl Acetate
Concen: 56.286 ug/l
RT: 5.024 min Scan# 522
Delta R.T. -0.000 min
Lab File: VN083843.D
Acq: 12 Sep 2024 19:54

Tgt Ion: 43 Resp: 113703
Ion Ratio Lower Upper
43 100
74 23.5 19.0 28.4





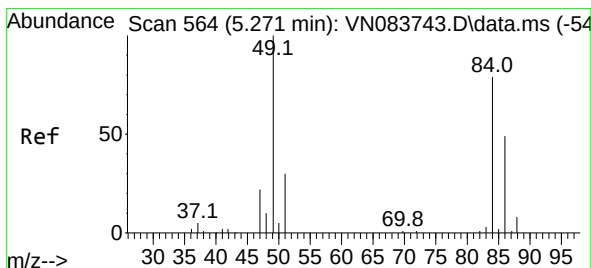
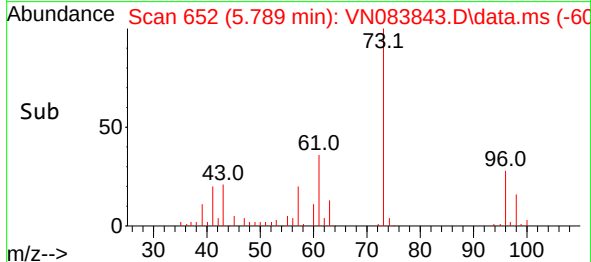
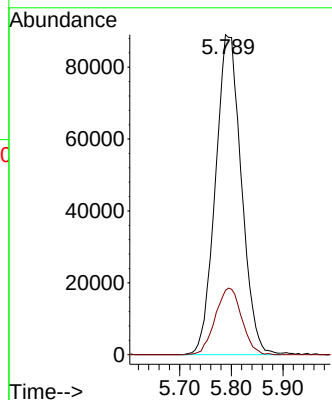
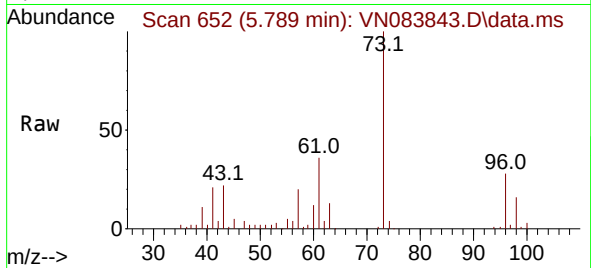
#19
Methyl tert-butyl Ether
Concen: 49.206 ug/l
RT: 5.789 min Scan# 652
Delta R.T. 0.000 min
Lab File: VN083843.D
Acq: 12 Sep 2024 19:54

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 31019
Ion Ratio Lower Upper
73 100
57 20.1 17.0 25.6

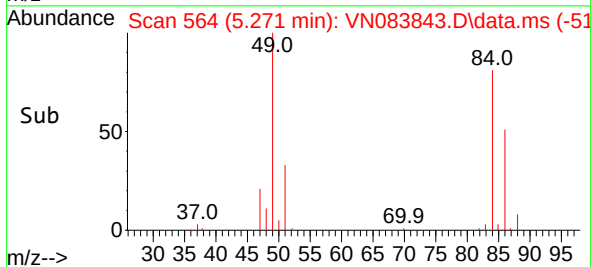
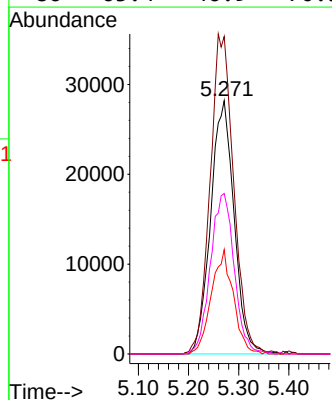
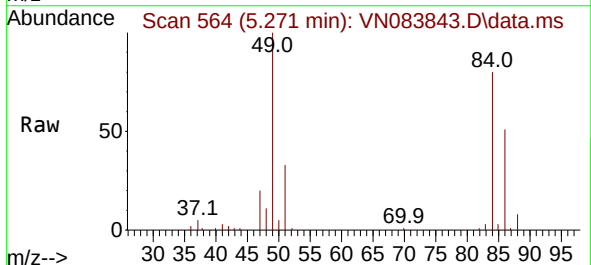
Manual Integrations
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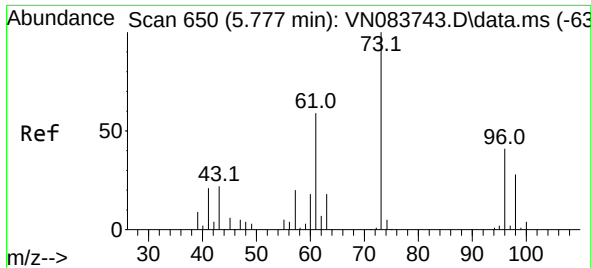
Reviewed By :John Carlone 09/13/2024
Supervised By :Mahesh Dadoda 09/13/2024



#20
Methylene Chloride
Concen: 46.004 ug/l
RT: 5.271 min Scan# 564
Delta R.T. 0.000 min
Lab File: VN083843.D
Acq: 12 Sep 2024 19:54

Tgt Ion: 84 Resp: 91654
Ion Ratio Lower Upper
84 100
49 125.3 93.4 140.0
51 41.2 29.2 43.8
86 63.4 46.9 70.3





#21
trans-1,2-Dichloroethene
Concen: 44.869 ug/l
RT: 5.777 min Scan# 611
Delta R.T. 0.000 min
Lab File: VN083843.D
Acq: 12 Sep 2024 19:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

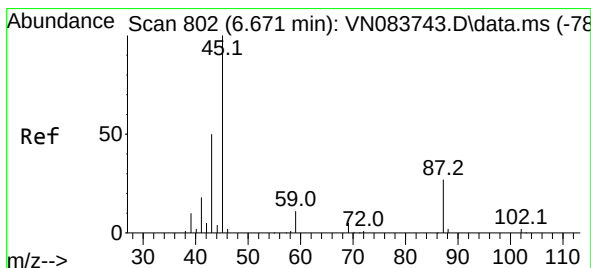
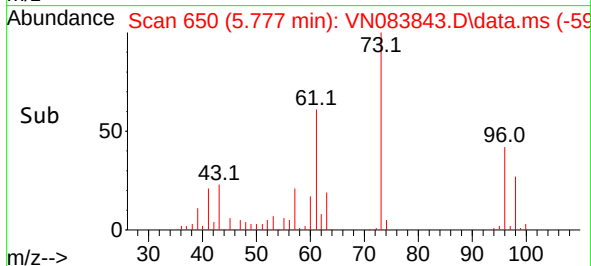
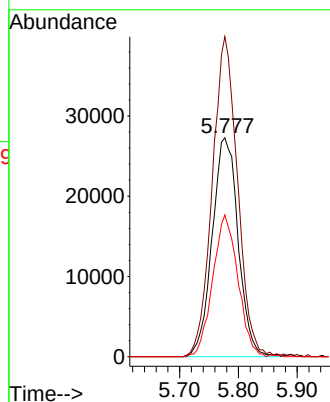
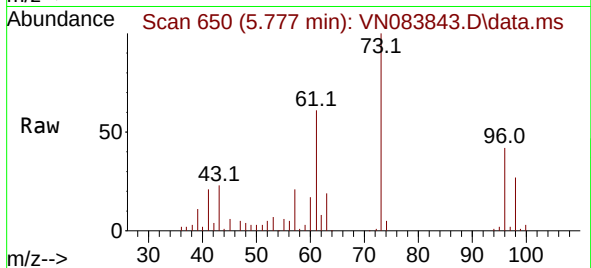
Tgt Ion: 96 Resp: 83769
Ion Ratio Lower Upper
96 100
61 146.2 106.0 159.0
98 64.8 52.2 78.2

Manual Integrations

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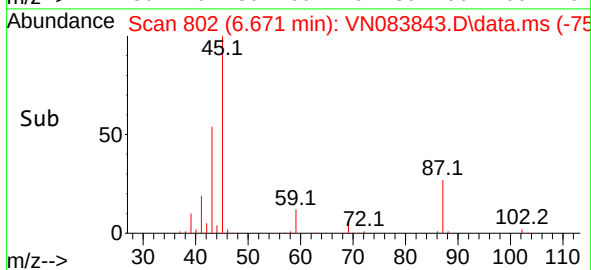
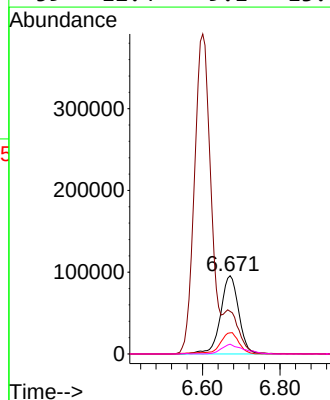
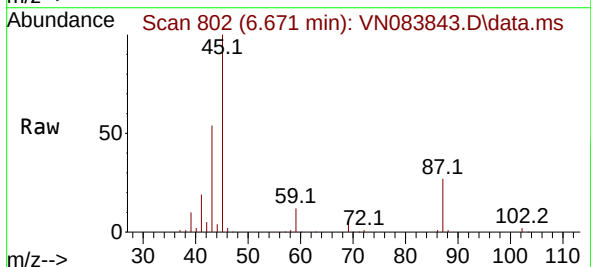
Reviewed By :John Carlone 09/13/2024

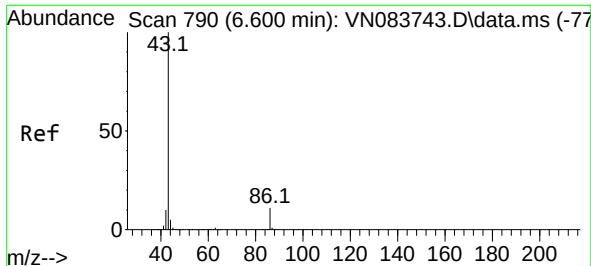
Supervised By :Mahesh Dadoda 09/13/2024



#22
Diisopropyl ether
Concen: 48.642 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.000 min
Lab File: VN083843.D
Acq: 12 Sep 2024 19:54

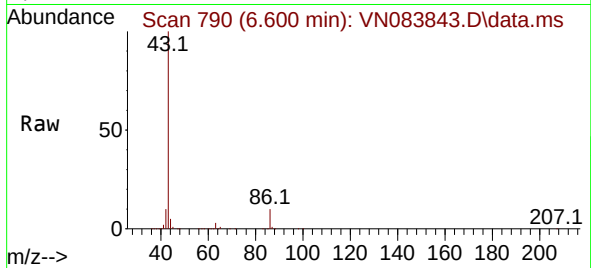
Tgt Ion: 45 Resp: 310824
Ion Ratio Lower Upper
45 100
43 53.9 43.4 65.0
87 27.0 22.6 33.8
59 12.4 9.1 13.7





#23
 Vinyl Acetate
 Concen: 247.484 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. 0.000 min
 Lab File: VN083843.D
 Acq: 12 Sep 2024 19:54

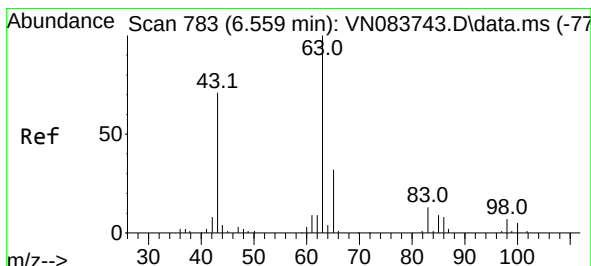
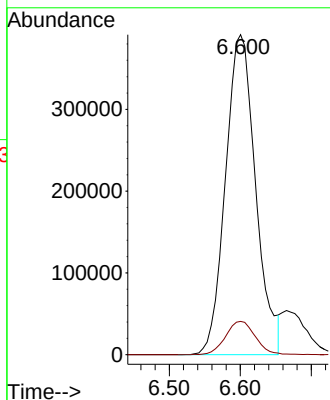
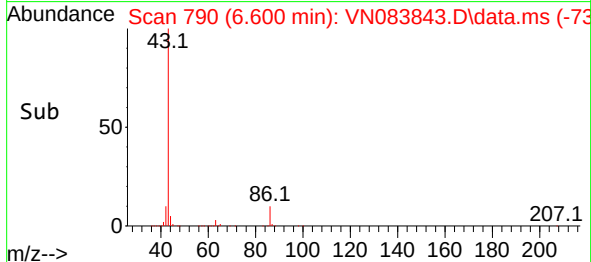
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



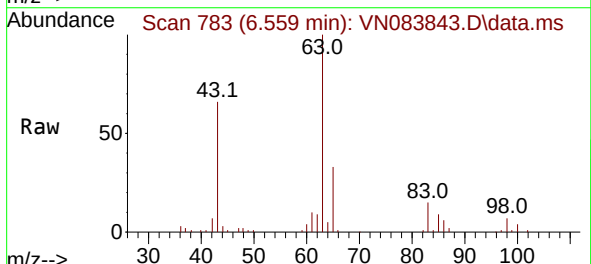
Tgt Ion: 43 Resp: 115810
 Ion Ratio Lower Upper
 43 100
 86 10.4 8.7 13.1

Manual Integrations
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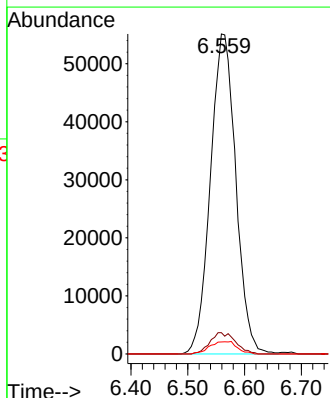
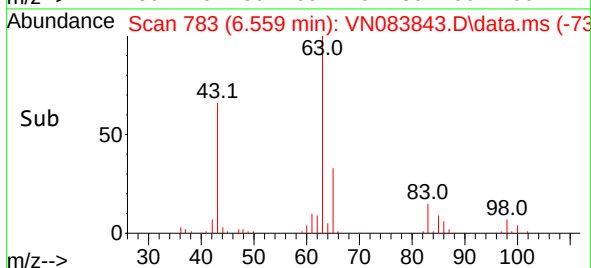
Reviewed By :John Carlone 09/13/2024
 Supervised By :Mahesh Dadoda 09/13/2024

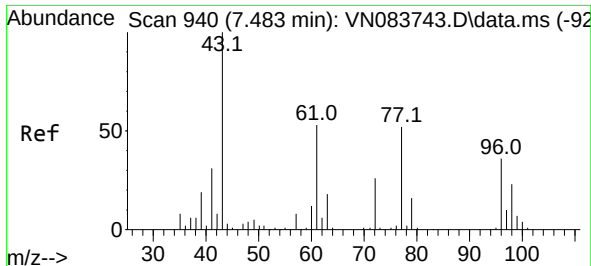


#24
 1,1-Dichloroethane
 Concen: 46.506 ug/l
 RT: 6.559 min Scan# 783
 Delta R.T. 0.000 min
 Lab File: VN083843.D
 Acq: 12 Sep 2024 19:54



Tgt Ion: 63 Resp: 171209
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.5 10.4
 100 3.7 2.5 7.5





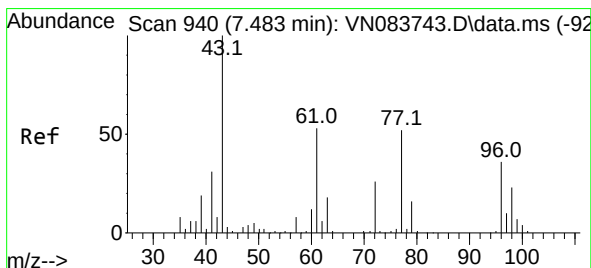
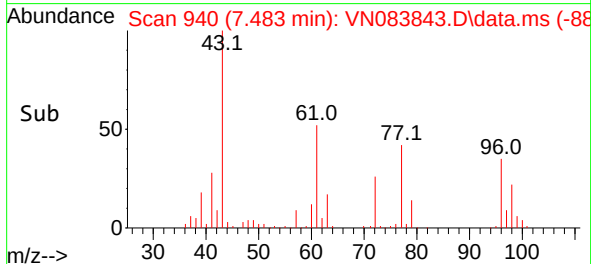
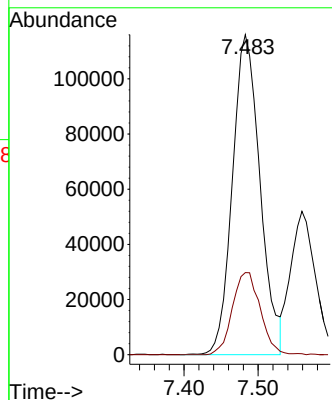
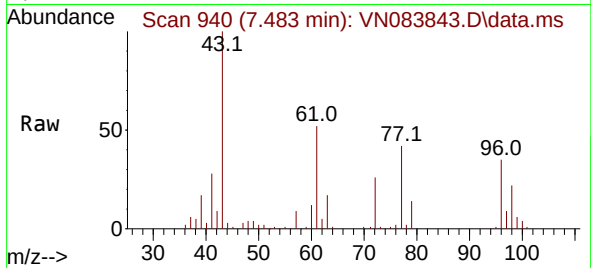
#25
2-Butanone
Concen: 234.776 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN083843.D
Acq: 12 Sep 2024 19:54

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 30042
Ion Ratio Lower Upper
43 100
72 25.7 20.8 31.2

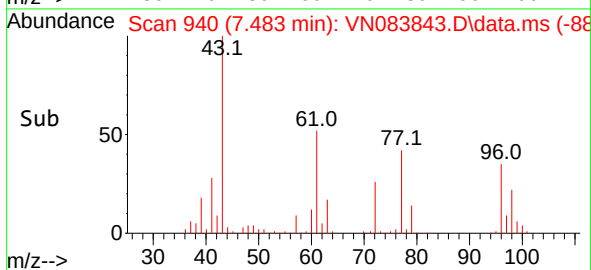
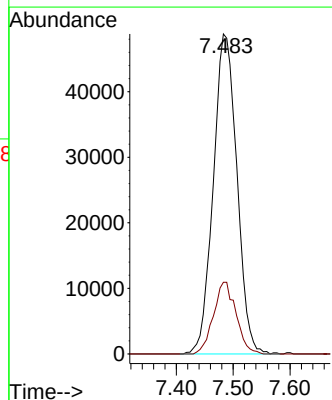
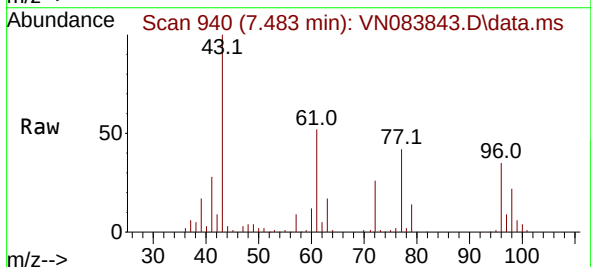
Manual Integrations
APPROVED

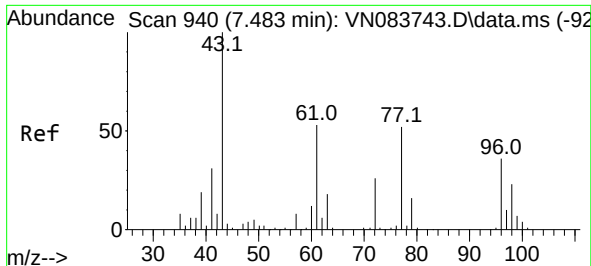
Reviewed By :John Carlone 09/13/2024
Supervised By :Mahesh Dadoda 09/13/2024



#26
2,2-Dichloropropane
Concen: 41.585 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN083843.D
Acq: 12 Sep 2024 19:54

Tgt Ion: 77 Resp: 140986
Ion Ratio Lower Upper
77 100
97 21.5 10.2 30.4





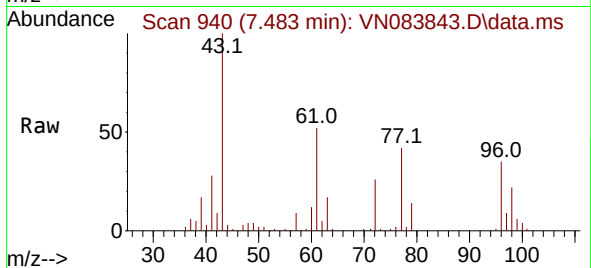
#27
 cis-1,2-Dichloroethene
 Concen: 47.358 ug/l
 RT: 7.483 min Scan# 940
 Delta R.T. 0.000 min
 Lab File: VN083843.D
 Acq: 12 Sep 2024 19:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



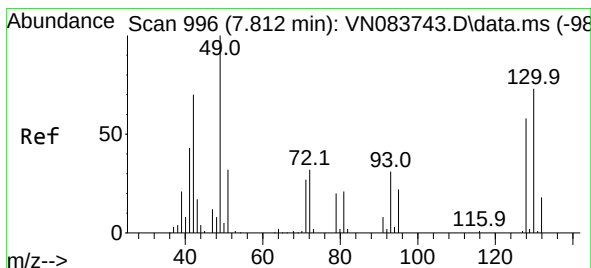
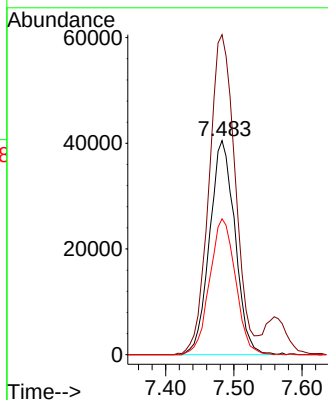
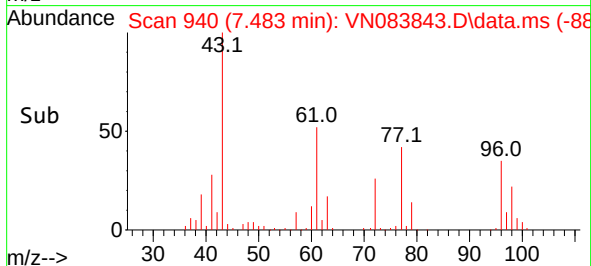
Tgt Ion: 96 Resp: 104958
 Ion Ratio Lower Upper
 96 100
 61 153.8 0.0 306.2
 98 64.7 0.0 128.6

Manual Integrations

APPROVED

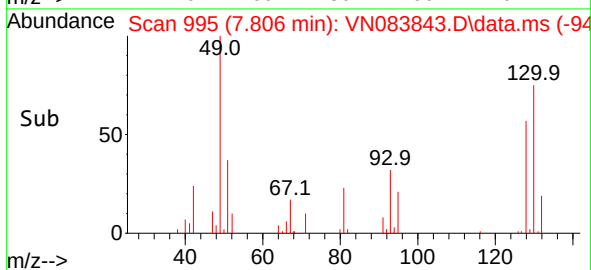
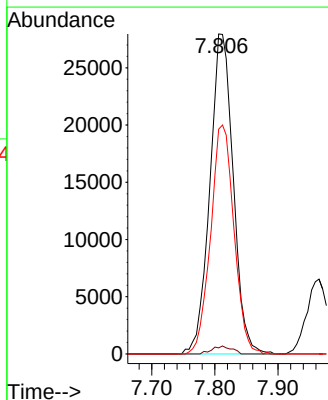
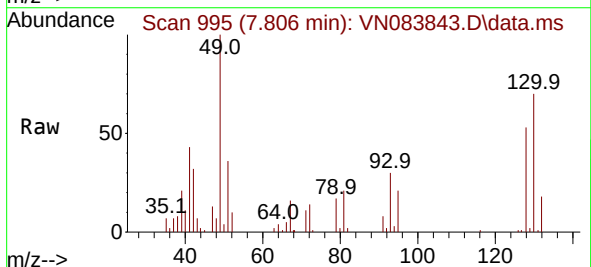
Reviewed By :John Carlone 09/13/2024

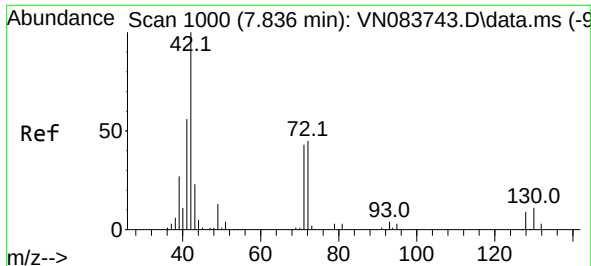
Supervised By :Mahesh Dadoda 09/13/2024



#28
 Bromochloromethane
 Concen: 46.277 ug/l
 RT: 7.806 min Scan# 995
 Delta R.T. -0.006 min
 Lab File: VN083843.D
 Acq: 12 Sep 2024 19:54

Tgt Ion: 49 Resp: 71744
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 3.4
 130 71.5 60.2 90.2





#29

Tetrahydrofuran

Concen: 253.911 ug/l

RT: 7.836 min Scan# 1000

Delta R.T. 0.000 min

Lab File: VN083843.D

Acq: 12 Sep 2024 19:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

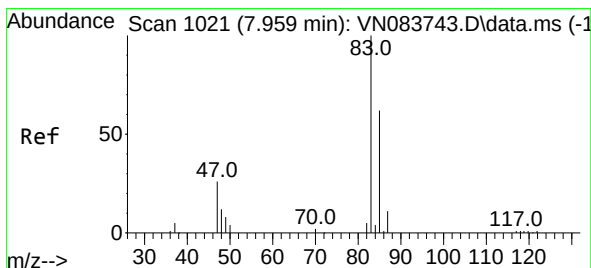
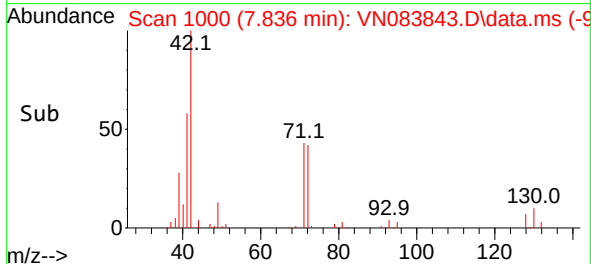
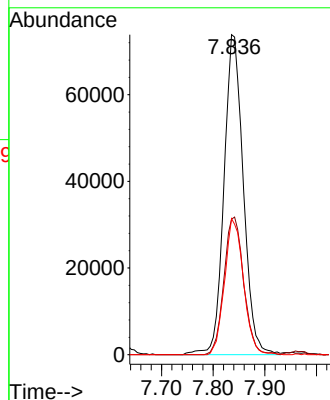
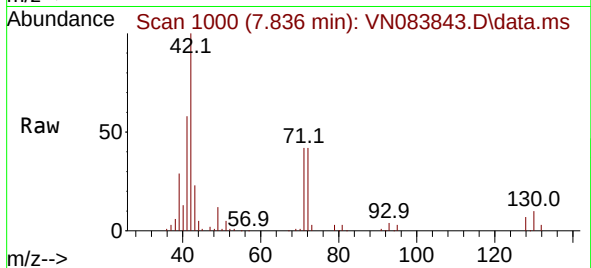
Tgt Ion:	42	Resp:	192110
Ion	Ratio	Lower	Upper
42	100		
72	43.8	35.9	53.9
71	41.6	33.9	50.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/13/2024

Supervised By :Mahesh Dadoda 09/13/2024



#30

Chloroform

Concen: 46.971 ug/l

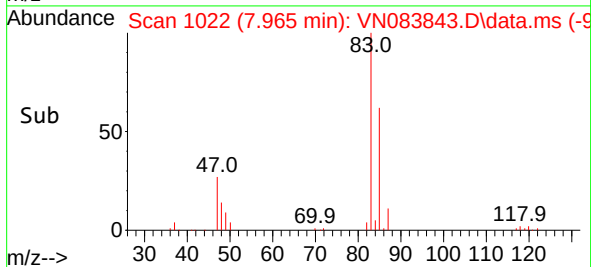
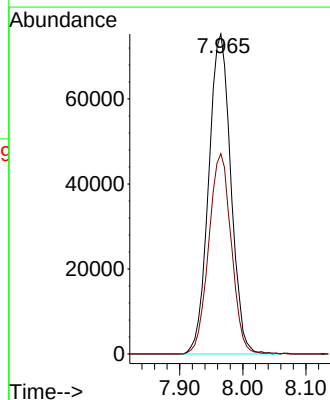
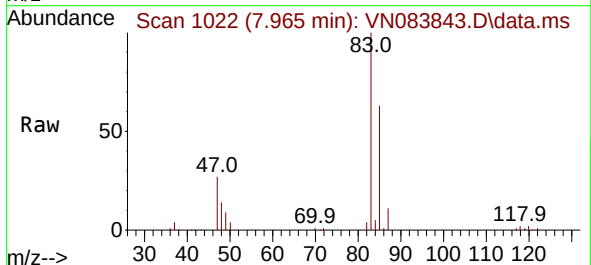
RT: 7.965 min Scan# 1022

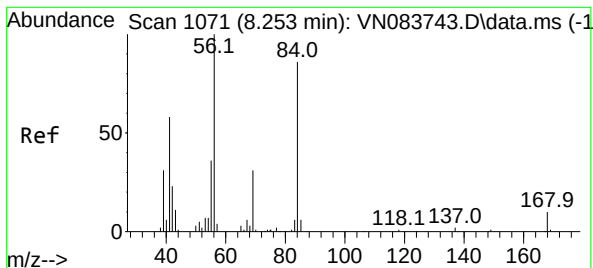
Delta R.T. 0.006 min

Lab File: VN083843.D

Acq: 12 Sep 2024 19:54

Tgt Ion:	83	Resp:	183578
Ion	Ratio	Lower	Upper
83	100		
85	62.6	52.8	79.2





#31

Cyclohexane

Concen: 41.460 ug/l

RT: 8.253 min Scan# 1071

Delta R.T. 0.000 min

Lab File: VN083843.D

Acq: 12 Sep 2024 19:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 56 Resp: 145520

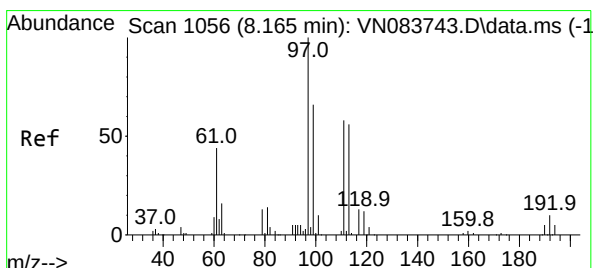
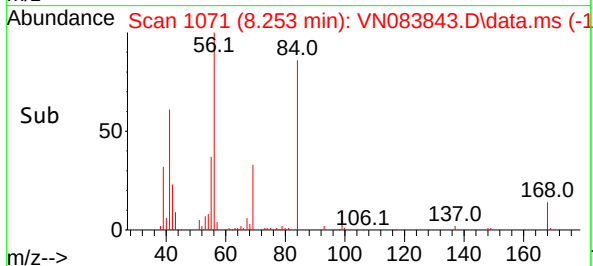
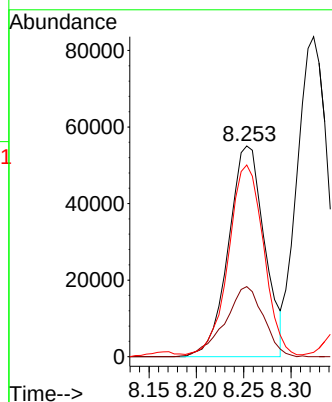
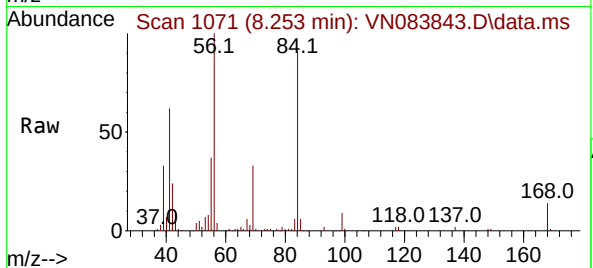
Ion	Ratio	Lower	Upper
56	100		
69	32.9	26.9	40.3
84	89.6	69.2	103.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/13/2024

Supervised By :Mahesh Dadoda 09/13/2024



#32

1,1,1-Trichloroethane

Concen: 47.567 ug/l

RT: 8.165 min Scan# 1056

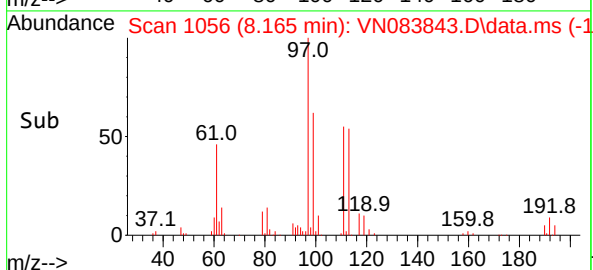
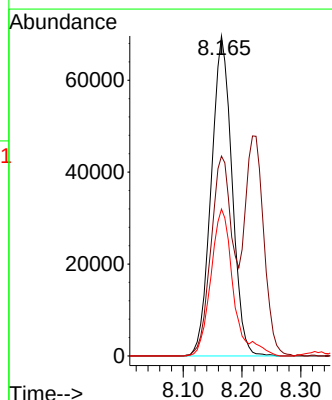
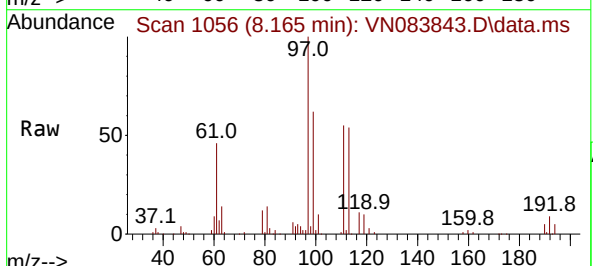
Delta R.T. 0.000 min

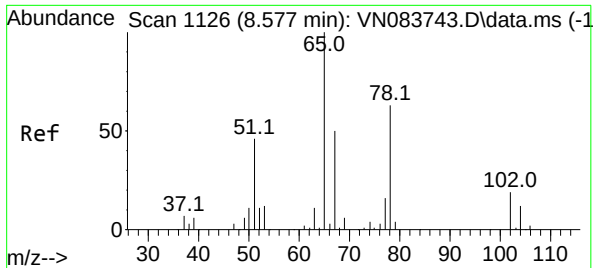
Lab File: VN083843.D

Acq: 12 Sep 2024 19:54

Tgt Ion: 97 Resp: 170942

Ion	Ratio	Lower	Upper
97	100		
99	65.4	52.3	78.5
61	49.5	38.2	57.2





#33
1,2-Dichloroethane-d4
Concen: 51.286 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN083843.D
Acq: 12 Sep 2024 19:54

Instrument :

MSVOA_N

ClientSampleId :

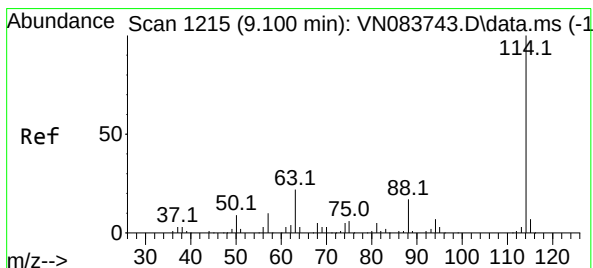
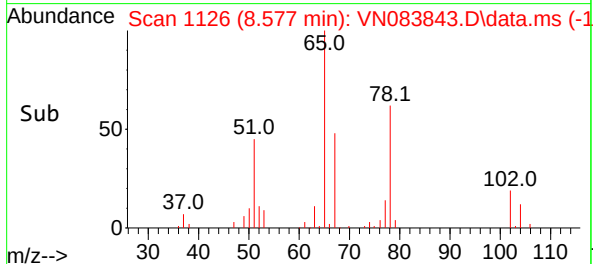
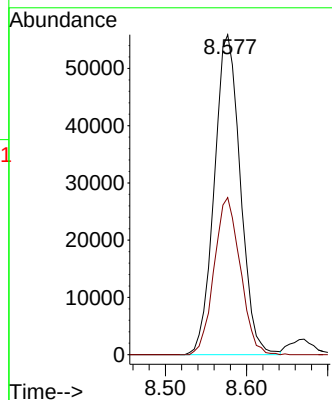
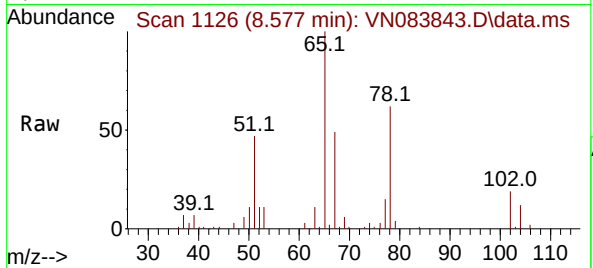
VSTDCCC050EC

Tgt Ion: 65 Resp: 124554
Ion Ratio Lower Upper
65 100
67 49.3 0.0 100.8

Manual Integrations

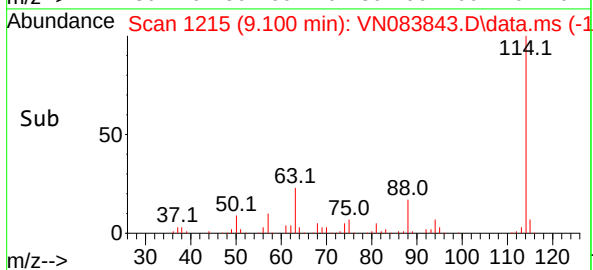
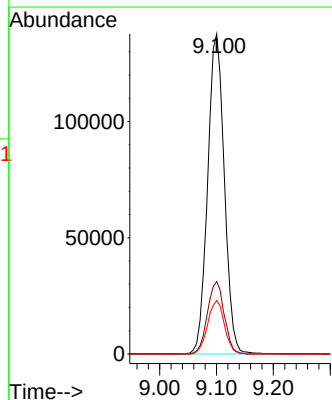
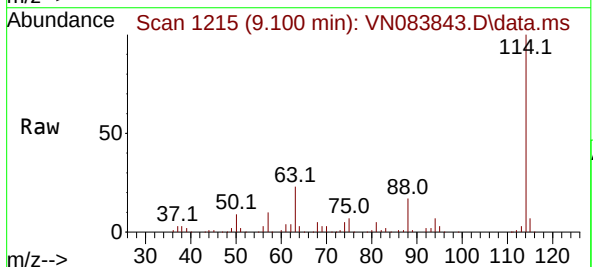
APPROVED

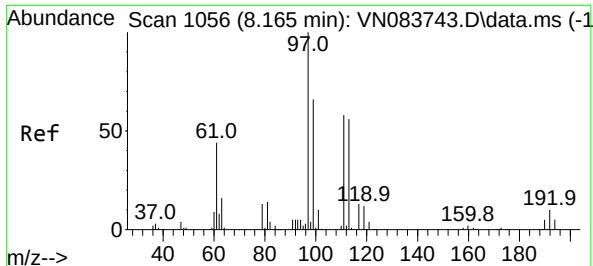
Reviewed By :John Carlone 09/13/2024
Supervised By :Mahesh Dadoda 09/13/2024



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. 0.000 min
Lab File: VN083843.D
Acq: 12 Sep 2024 19:54

Tgt Ion:114 Resp: 279917
Ion Ratio Lower Upper
114 100
63 22.6 0.0 43.4
88 16.7 0.0 32.6





#35

Dibromofluoromethane

Concen: 50.071 ug/l

RT: 8.165 min Scan# 1090

Delta R.T. 0.000 min

Lab File: VN083843.D

Acq: 12 Sep 2024 19:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

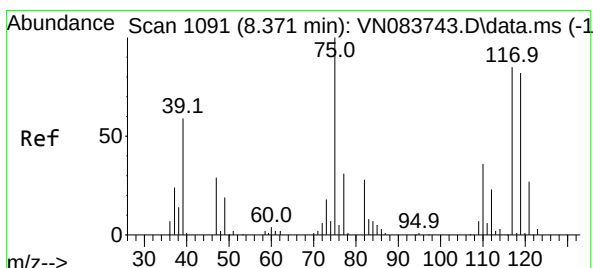
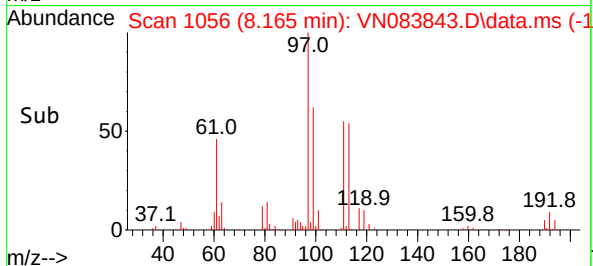
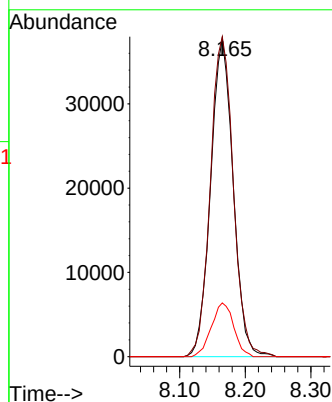
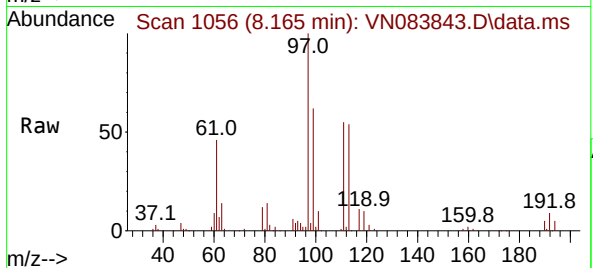
Tgt Ion:	113	Resp:	8972
Ion Ratio	Lower	Upper	
113	100		
111	102.6	82.6	124.0
192	16.8	14.3	21.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/13/2024

Supervised By :Mahesh Dadoda 09/13/2024



#36

1,1-Dichloropropene

Concen: 46.008 ug/l

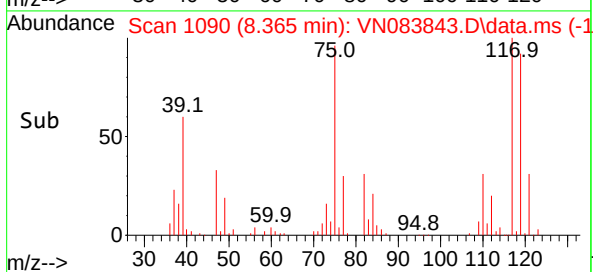
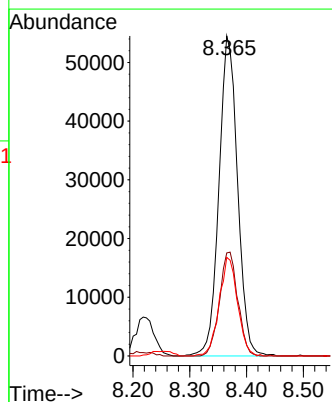
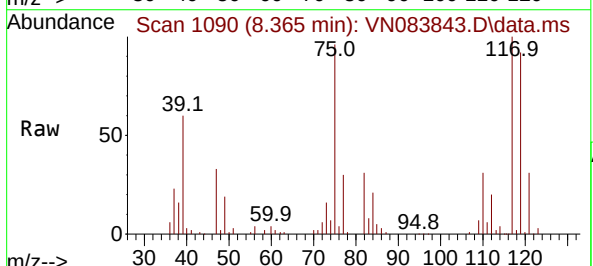
RT: 8.365 min Scan# 1090

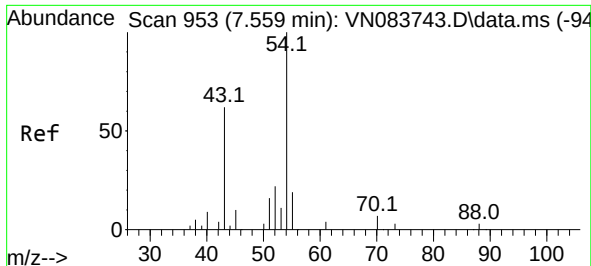
Delta R.T. -0.006 min

Lab File: VN083843.D

Acq: 12 Sep 2024 19:54

Tgt Ion:	75	Resp:	124093
Ion Ratio	Lower	Upper	
75	100		
110	31.9	16.7	50.1
77	30.4	25.2	37.8





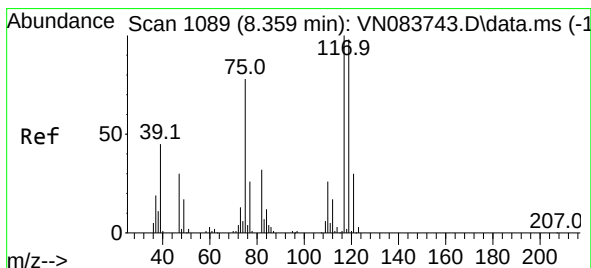
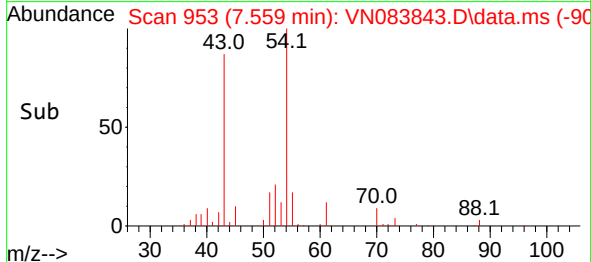
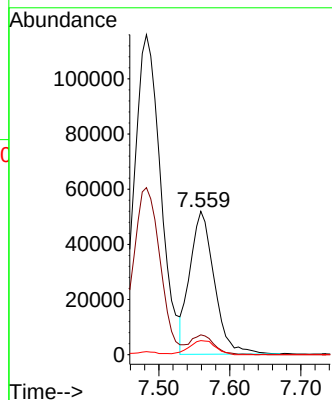
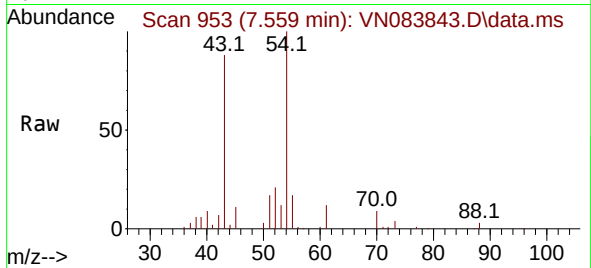
#37
Ethyl Acetate
Concen: 50.565 ug/l
RT: 7.559 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN083843.D
Acq: 12 Sep 2024 19:54

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 12379
Ion Ratio Lower Upper
43 100
61 13.3 11.1 16.7
70 10.5 8.8 13.2

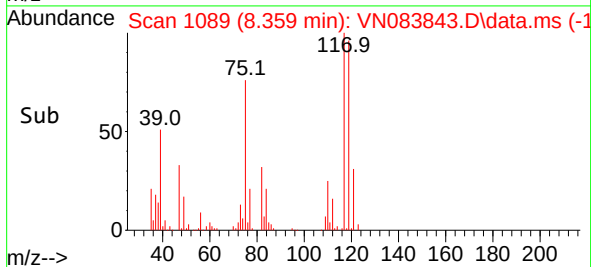
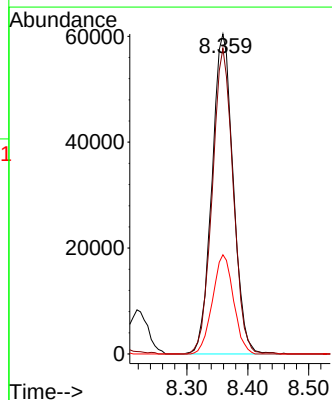
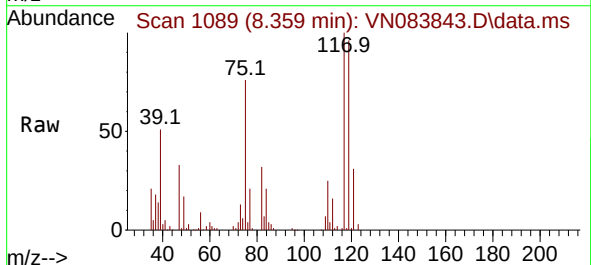
Manual Integrations
APPROVED

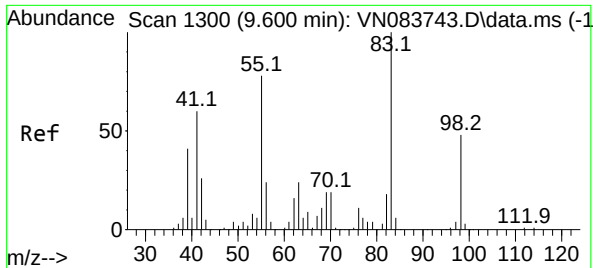
Reviewed By :John Carlone 09/13/2024
Supervised By :Mahesh Dadoda 09/13/2024



#38
Carbon Tetrachloride
Concen: 47.857 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VN083843.D
Acq: 12 Sep 2024 19:54

Tgt Ion:117 Resp: 146442
Ion Ratio Lower Upper
117 100
119 95.5 76.1 114.1
121 31.0 24.1 36.1





#39
Methylcyclohexane
Concen: 44.409 ug/l
RT: 9.600 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VN083843.D
Acq: 12 Sep 2024 19:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

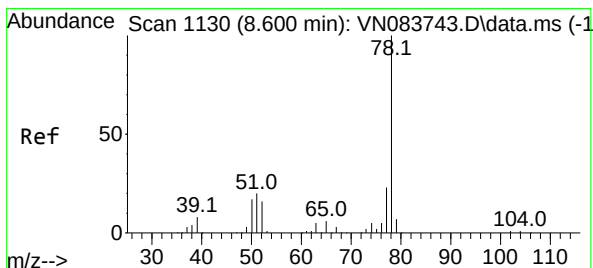
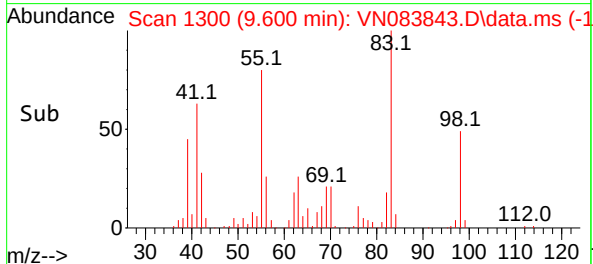
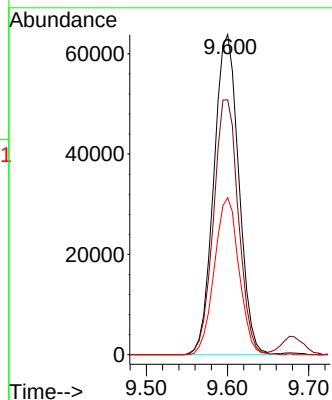
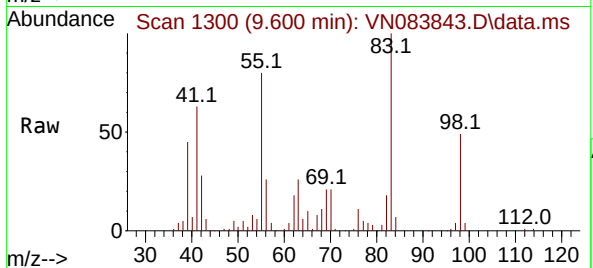
Tgt Ion: 83 Resp: 136339
Ion Ratio Lower Upper
83 100
55 79.7 62.2 93.4
98 49.0 37.6 56.4

Manual Integrations

APPROVED

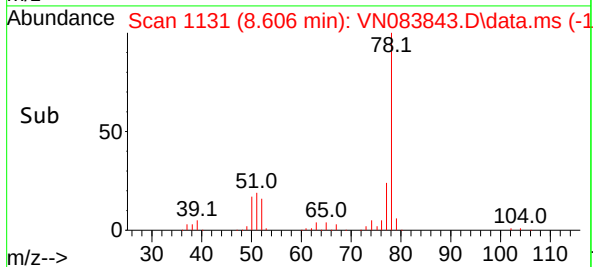
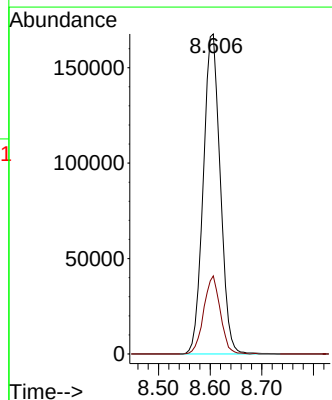
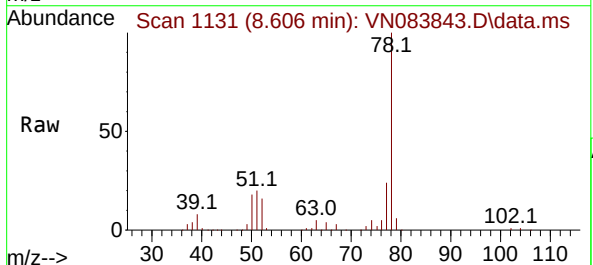
Reviewed By :John Carlone 09/13/2024

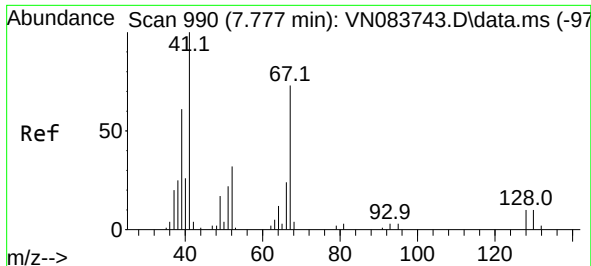
Supervised By :Mahesh Dadoda 09/13/2024



#40
Benzene
Concen: 47.092 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. 0.006 min
Lab File: VN083843.D
Acq: 12 Sep 2024 19:54

Tgt Ion: 78 Resp: 382303
Ion Ratio Lower Upper
78 100
77 24.4 19.0 28.6





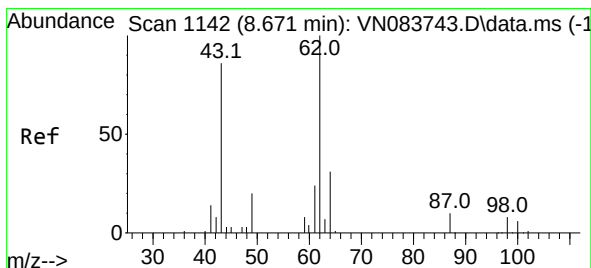
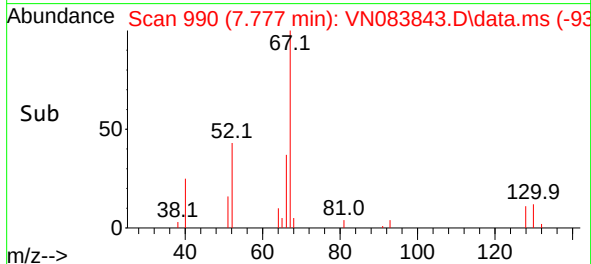
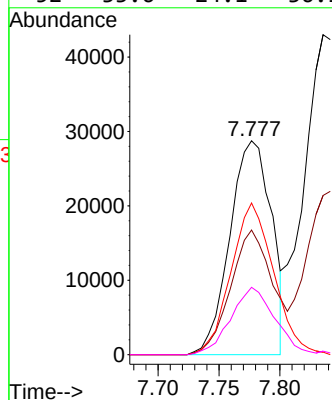
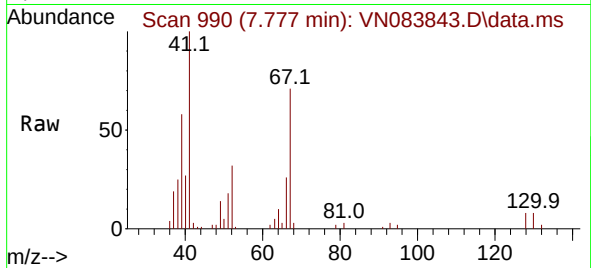
#41
Methacrylonitrile
Concen: 47.332 ug/l
RT: 7.777 min Scan# 990
Delta R.T. 0.000 min
Lab File: VN083843.D
Acq: 12 Sep 2024 19:54

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 41	Resp: 68539
Ion Ratio	Lower Upper
41	100
39	59.2 45.4 68.2
67	72.4 55.9 83.9
52	33.6 24.1 36.1

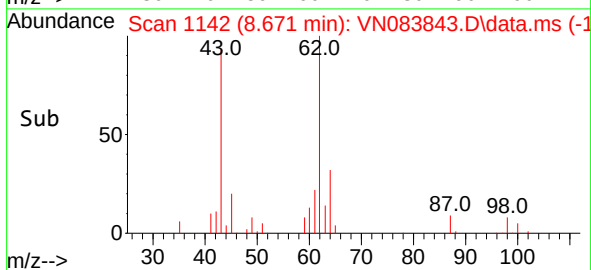
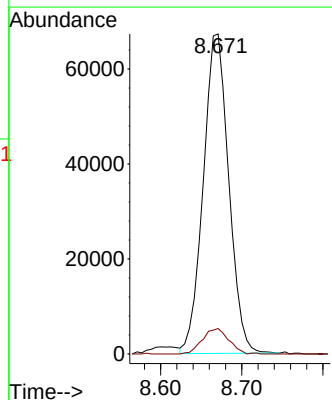
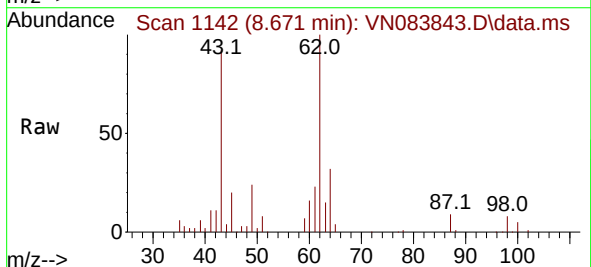
Manual Integrations
APPROVED

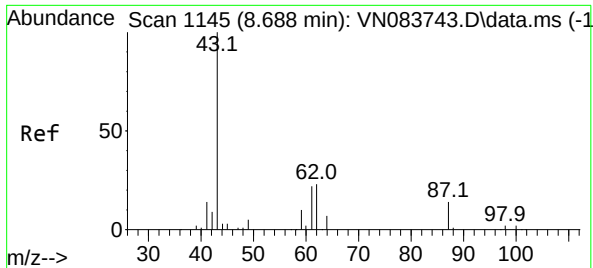
Reviewed By :John Carlone 09/13/2024
Supervised By :Mahesh Dadoda 09/13/2024



#42
1,2-Dichloroethane
Concen: 48.371 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN083843.D
Acq: 12 Sep 2024 19:54

Tgt Ion: 62	Resp: 146735
Ion Ratio	Lower Upper
62	100
98	8.3 0.0 16.6





#43

Isopropyl Acetate

Concen: 73.211 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. 0.000 min

Lab File: VN083843.D

Acq: 12 Sep 2024 19:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 32480

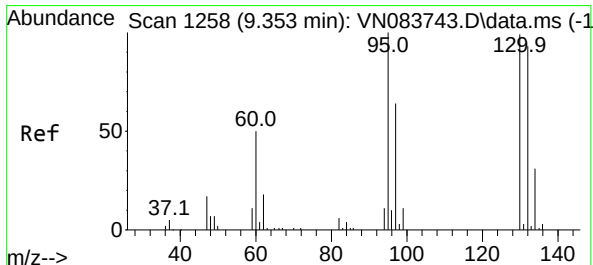
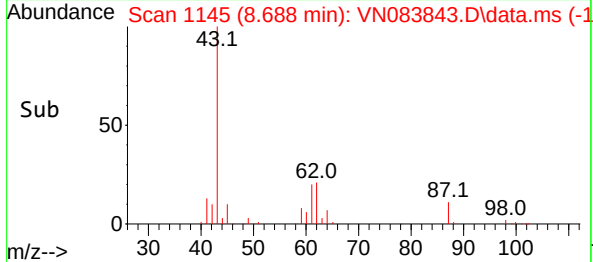
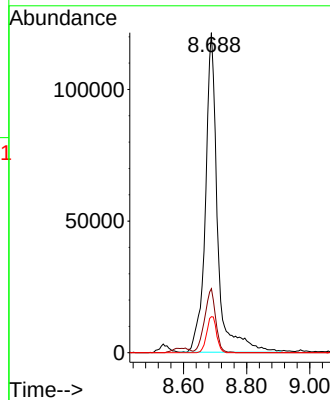
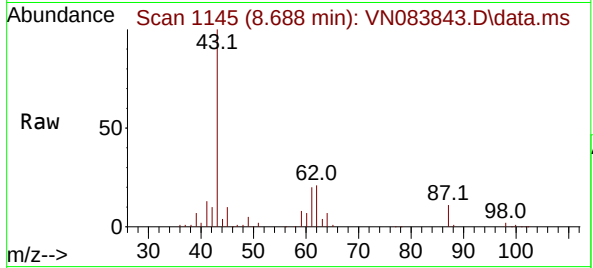
Ion	Ratio	Lower	Upper
43	100		
61	18.2	19.4	29.0
87	9.1	9.8	14.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/13/2024

Supervised By :Mahesh Dadoda 09/13/2024



#44

Trichloroethene

Concen: 46.610 ug/l

RT: 9.347 min Scan# 1257

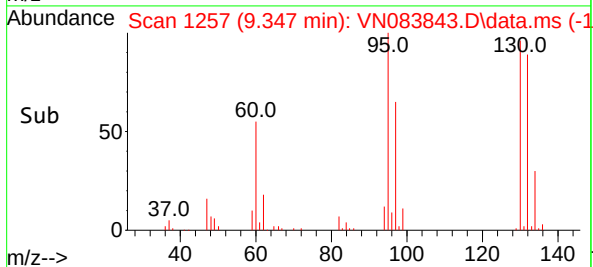
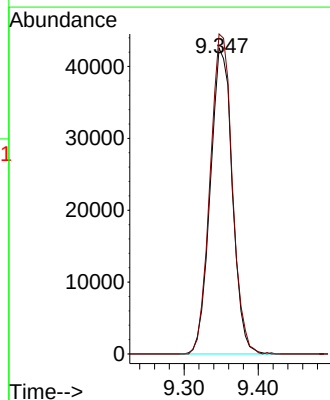
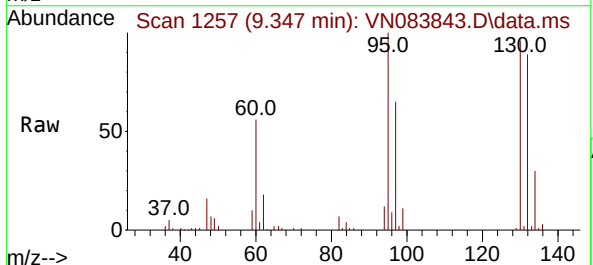
Delta R.T. -0.006 min

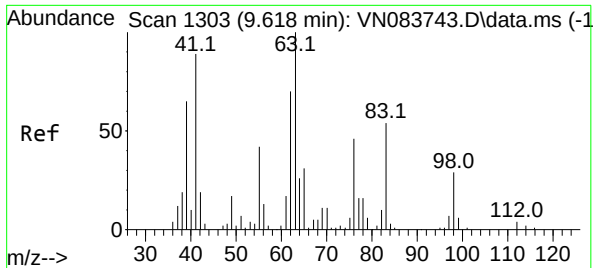
Lab File: VN083843.D

Acq: 12 Sep 2024 19:54

Tgt Ion:130 Resp: 87625

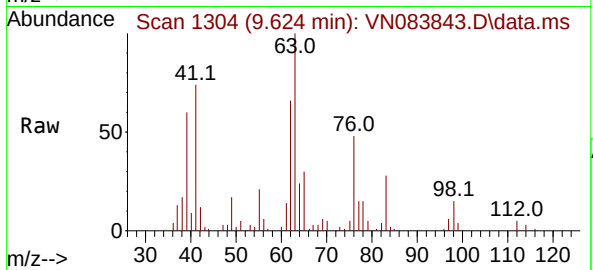
Ion	Ratio	Lower	Upper
130	100		
95	104.6	0.0	200.4





#45
1,2-Dichloropropane
Concen: 47.313 ug/l
RT: 9.624 min Scan# 1304
Delta R.T. 0.006 min
Lab File: VN083843.D
Acq: 12 Sep 2024 19:54

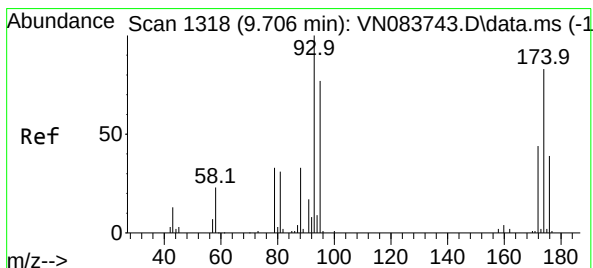
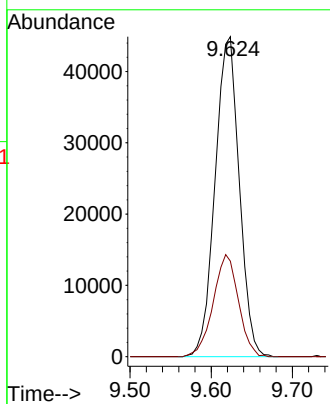
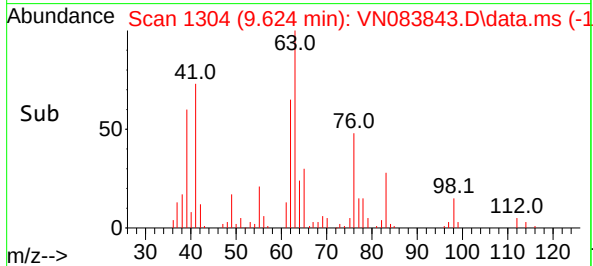
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



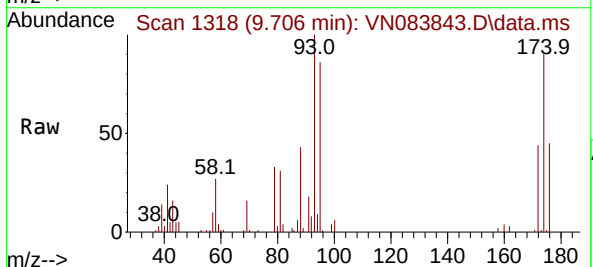
Tgt Ion: 63 Resp: 9283
Ion Ratio Lower Upper
63 100
65 29.8 25.9 38.9

Manual Integrations
APPROVED

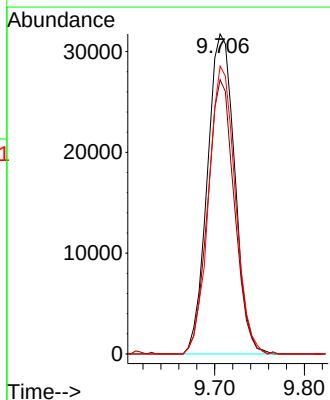
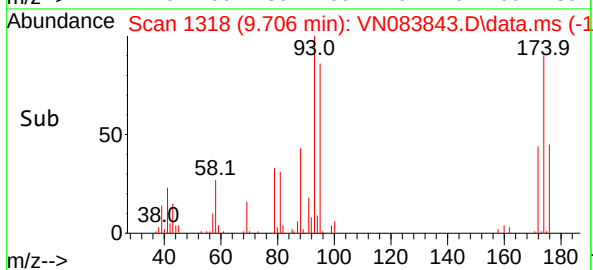
Reviewed By :John Carlone 09/13/2024
Supervised By :Mahesh Dadoda 09/13/2024

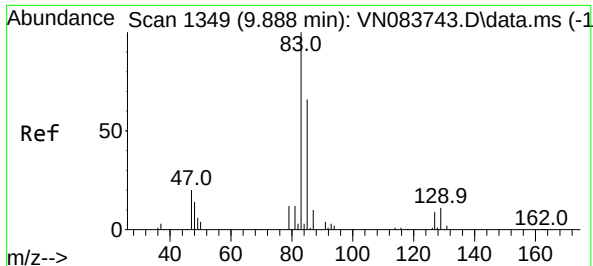


#46
Dibromomethane
Concen: 49.025 ug/l
RT: 9.706 min Scan# 1318
Delta R.T. 0.000 min
Lab File: VN083843.D
Acq: 12 Sep 2024 19:54



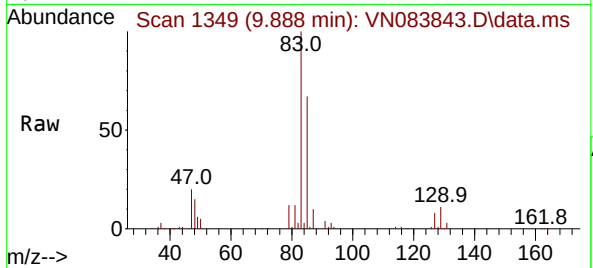
Tgt Ion: 93 Resp: 67378
Ion Ratio Lower Upper
93 100
95 83.1 65.3 97.9
174 87.4 71.0 106.4





#47
Bromodichloromethane
Concen: 48.755 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VN083843.D
Acq: 12 Sep 2024 19:54

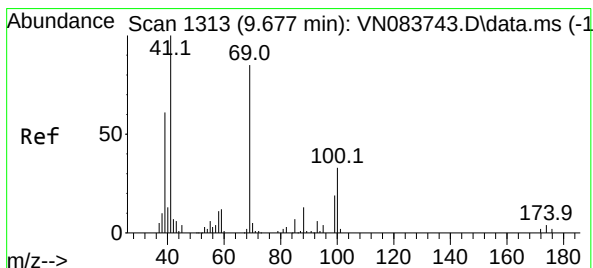
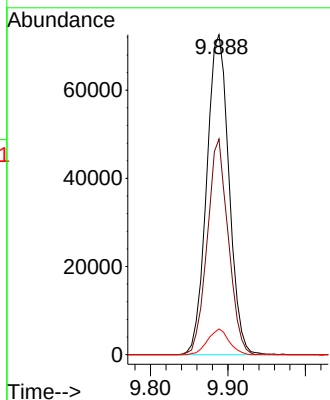
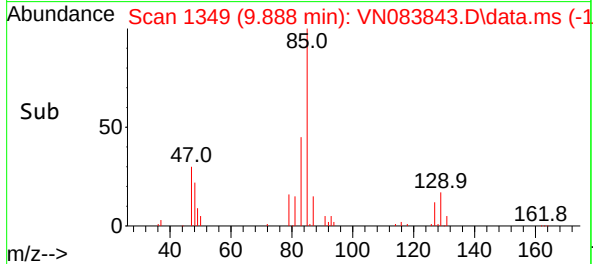
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 145015
Ion Ratio Lower Upper
83 100
85 67.4 51.8 77.8
127 8.1 6.6 9.8

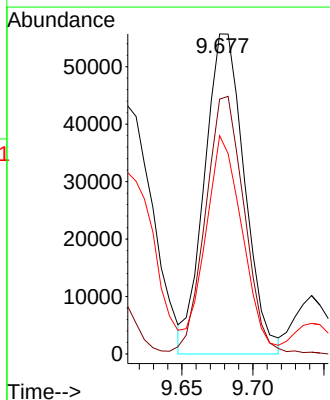
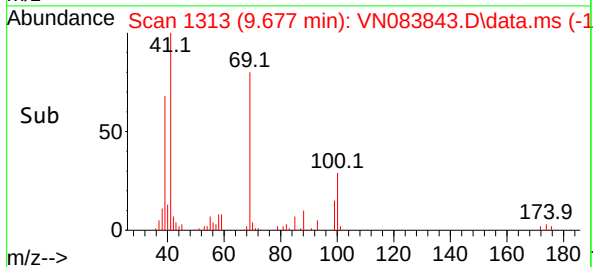
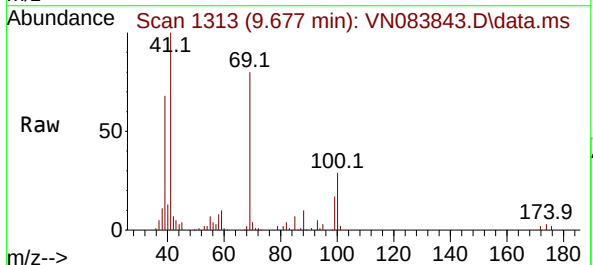
Manual Integrations
APPROVED

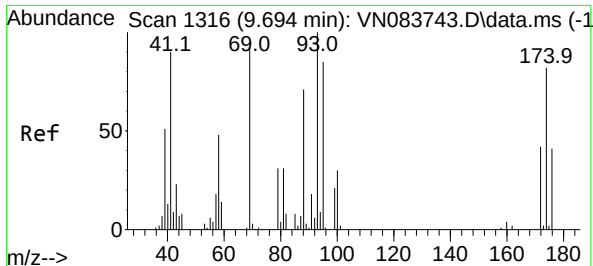
Reviewed By :John Carlone 09/13/2024
Supervised By :Mahesh Dadoda 09/13/2024



#48
Methyl methacrylate
Concen: 51.881 ug/l
RT: 9.677 min Scan# 1313
Delta R.T. 0.000 min
Lab File: VN083843.D
Acq: 12 Sep 2024 19:54

Tgt Ion: 41 Resp: 109203
Ion Ratio Lower Upper
41 100
69 78.2 64.3 96.5
39 63.5 48.9 73.3





#49

1,4-Dioxane

Concen: 1029.060 ug/l

RT: 9.700 min Scan# 1316

Delta R.T. 0.006 min

Lab File: VN083843.D

Acq: 12 Sep 2024 19:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 88 Resp: 3563

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

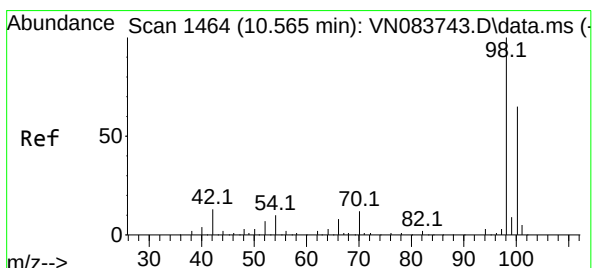
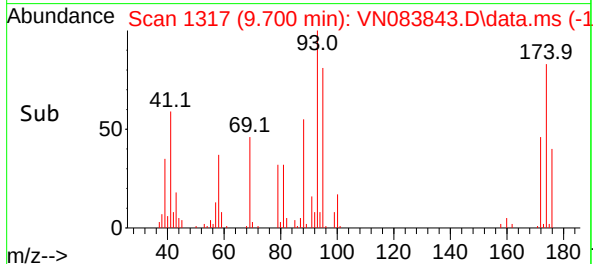
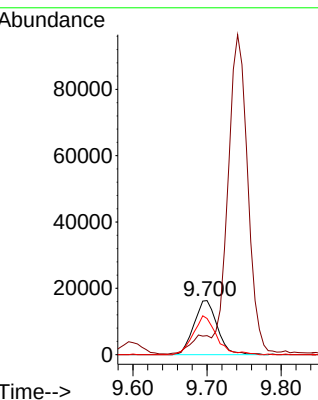
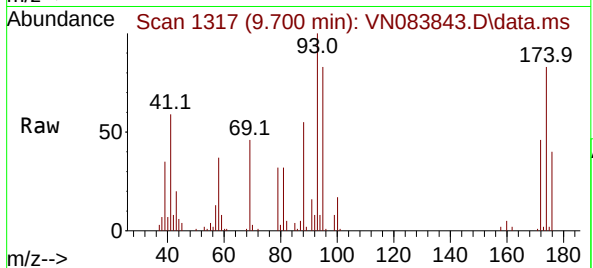
58 71.5 57.1 85.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/13/2024

Supervised By :Mahesh Dadoda 09/13/2024



#50

Toluene-d8

Concen: 52.434 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VN083843.D

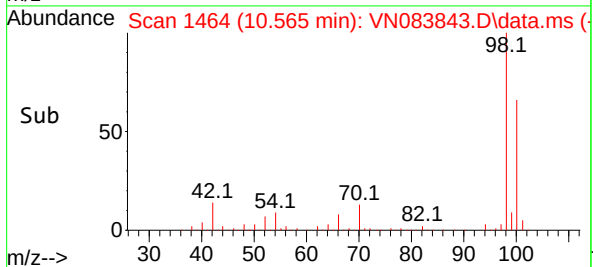
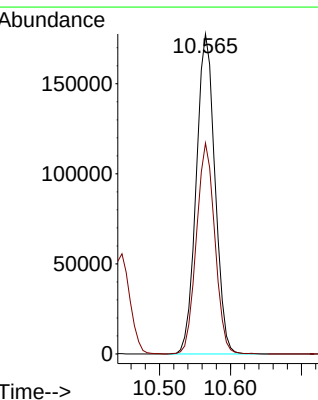
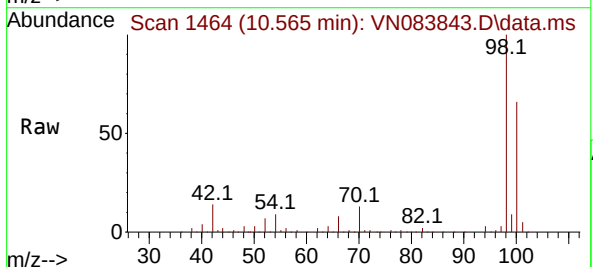
Acq: 12 Sep 2024 19:54

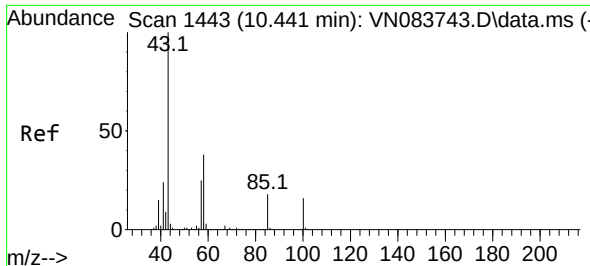
Tgt Ion: 98 Resp: 324832

Ion Ratio Lower Upper

98 100

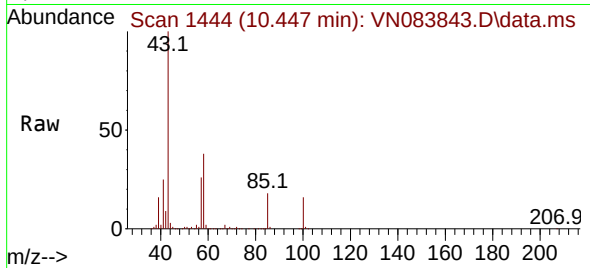
100 65.0 52.0 78.0





#51
4-Methyl-2-Pentanone
Concen: 264.971 ug/l
RT: 10.447 min Scan# 1443
Delta R.T. 0.006 min
Lab File: VN083843.D
Acq: 12 Sep 2024 19:54

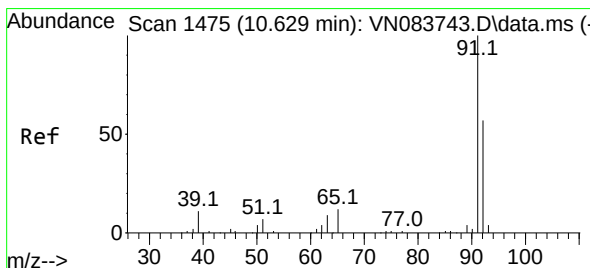
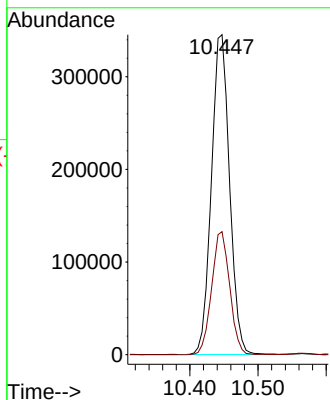
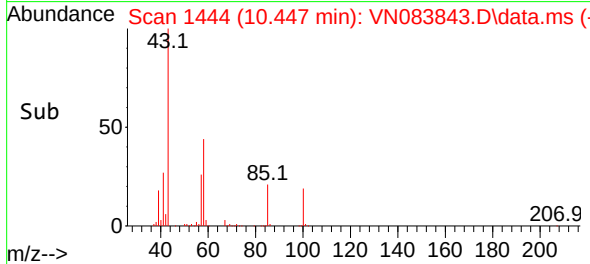
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 639920
Ion Ratio Lower Upper
43 100
58 38.3 31.6 47.4

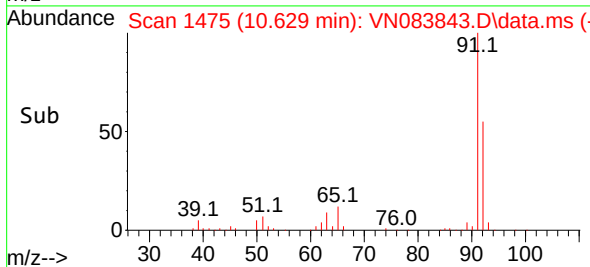
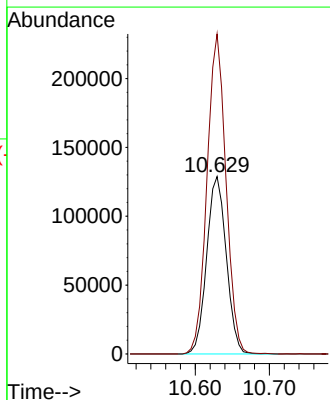
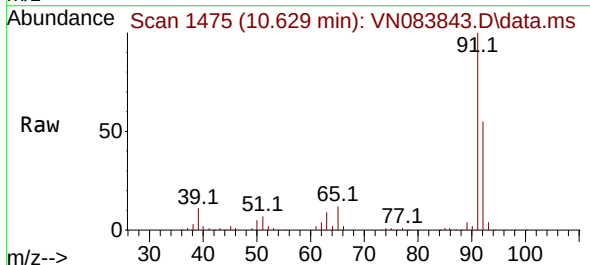
Manual Integrations
APPROVED

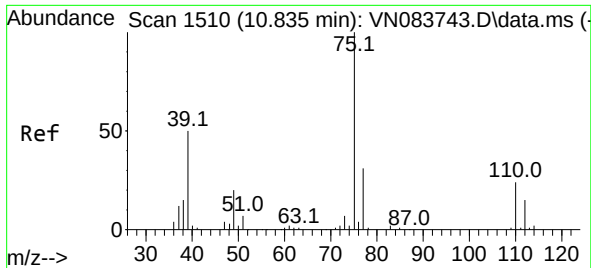
Reviewed By :John Carlone 09/13/2024
Supervised By :Mahesh Dadoda 09/13/2024



#52
Toluene
Concen: 47.602 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN083843.D
Acq: 12 Sep 2024 19:54

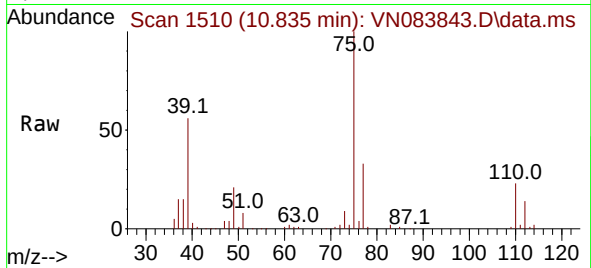
Tgt Ion: 92 Resp: 236376
Ion Ratio Lower Upper
92 100
91 174.6 134.7 202.1





#53
t-1,3-Dichloropropene
Concen: 48.829 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. 0.000 min
Lab File: VN083843.D
Acq: 12 Sep 2024 19:54

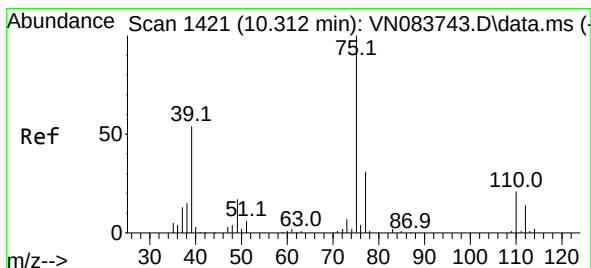
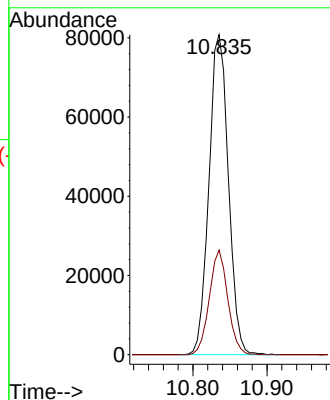
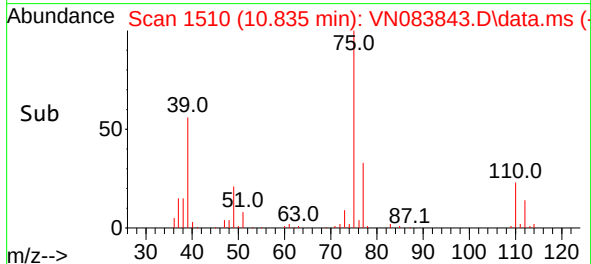
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 147214
Ion Ratio Lower Upper
75 100
77 32.7 25.8 38.6

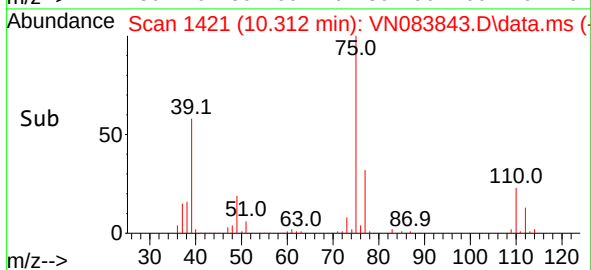
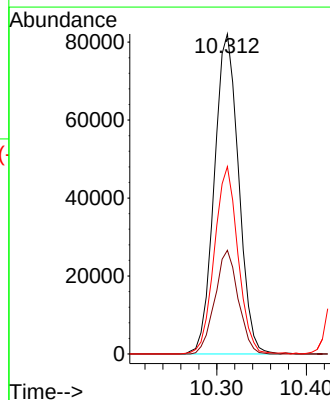
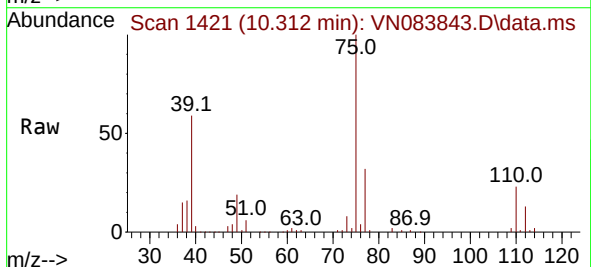
Manual Integrations
APPROVED

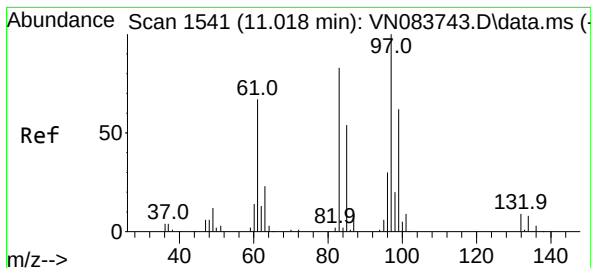
Reviewed By :John Carlone 09/13/2024
Supervised By :Mahesh Dadoda 09/13/2024



#54
cis-1,3-Dichloropropene
Concen: 48.696 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. 0.000 min
Lab File: VN083843.D
Acq: 12 Sep 2024 19:54

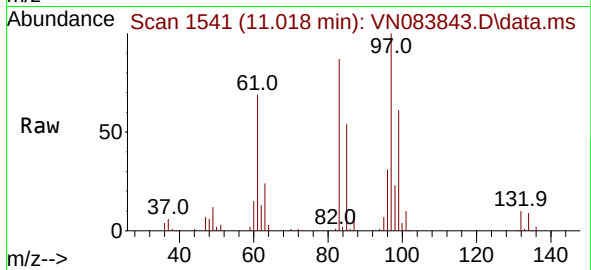
Tgt Ion: 75 Resp: 154217
Ion Ratio Lower Upper
75 100
77 32.4 25.0 37.6
39 58.6 42.6 64.0





#55
1,1,2-Trichloroethane
Concen: 46.929 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. 0.000 min
Lab File: VN083843.D
Acq: 12 Sep 2024 19:54

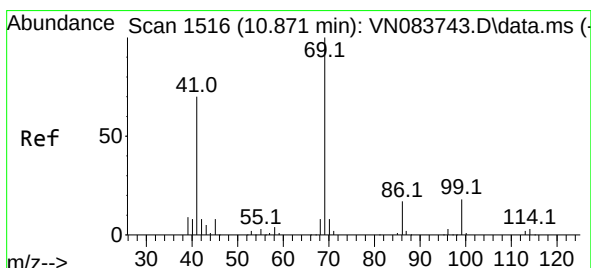
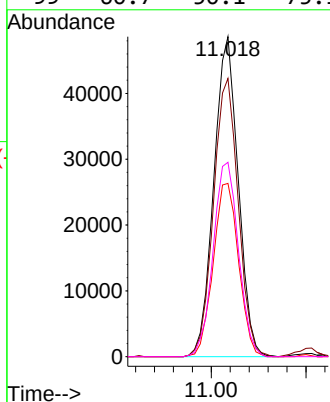
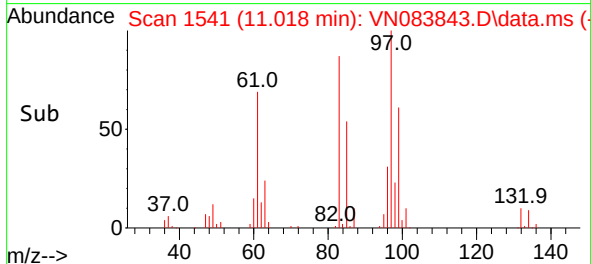
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



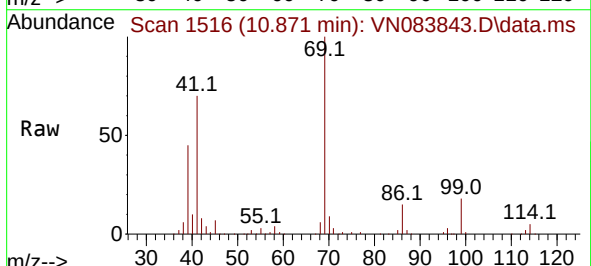
Tgt Ion:	97	Resp:	87000
Ion Ratio	100	Lower	Upper
97	100		
83	87.0	67.5	101.3
85	54.1	44.2	66.2
99	60.7	50.1	75.1

Manual Integrations
APPROVED

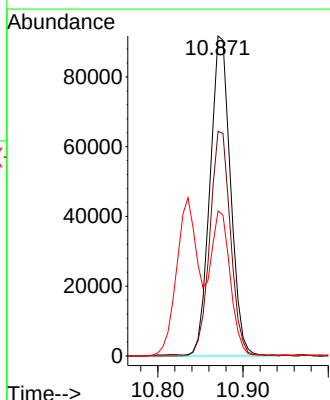
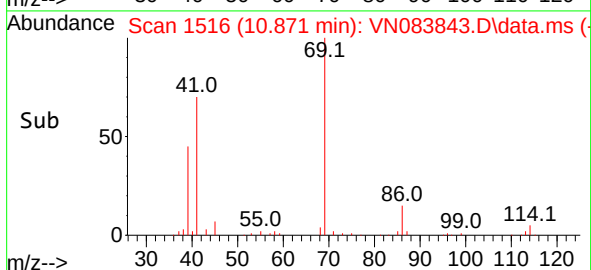
Reviewed By :John Carlone 09/13/2024
Supervised By :Mahesh Dadoda 09/13/2024

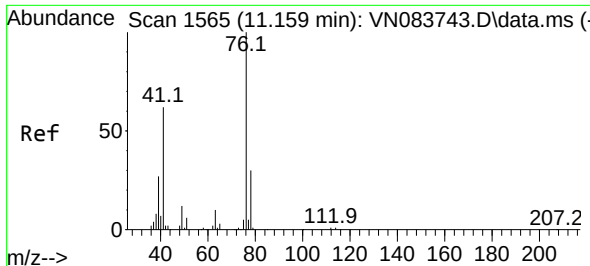


#56
Ethyl methacrylate
Concen: 53.784 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VN083843.D
Acq: 12 Sep 2024 19:54



Tgt Ion:	69	Resp:	153403
Ion Ratio	100	Lower	Upper
69	100		
41	70.1	53.9	80.9
39	43.1	32.6	48.8





#57

1,3-Dichloropropane

Concen: 49.036 ug/l

RT: 11.165 min Scan# 156238

Delta R.T. 0.006 min

Lab File: VN083843.D

Acq: 12 Sep 2024 19:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 156238

Ion Ratio Lower Upper

76 100

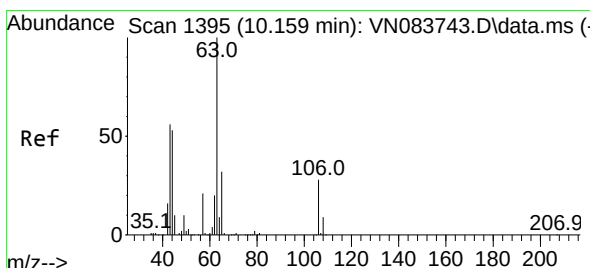
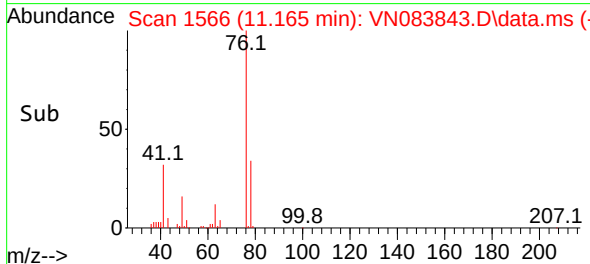
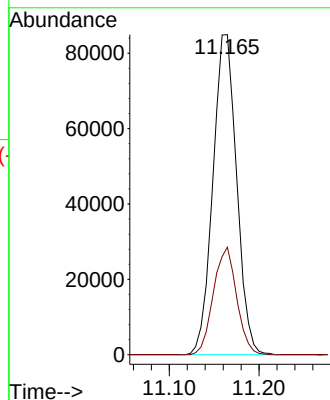
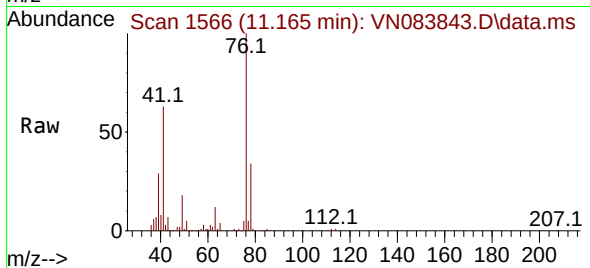
78 32.8 25.8 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/13/2024

Supervised By :Mahesh Dadoda 09/13/2024



#58

2-Chloroethyl Vinyl ether

Concen: 328.653 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. 0.000 min

Lab File: VN083843.D

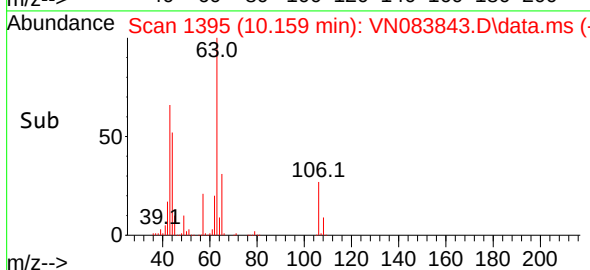
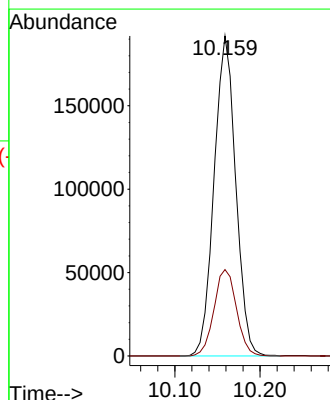
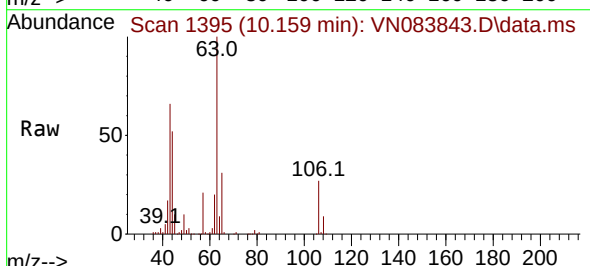
Acq: 12 Sep 2024 19:54

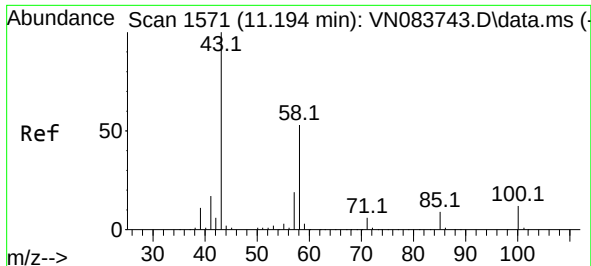
Tgt Ion: 63 Resp: 337762

Ion Ratio Lower Upper

63 100

106 28.0 23.3 34.9





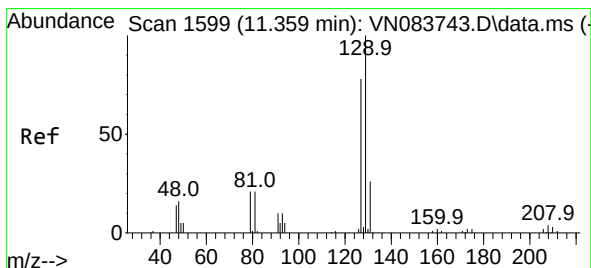
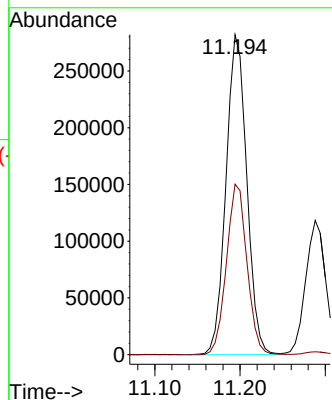
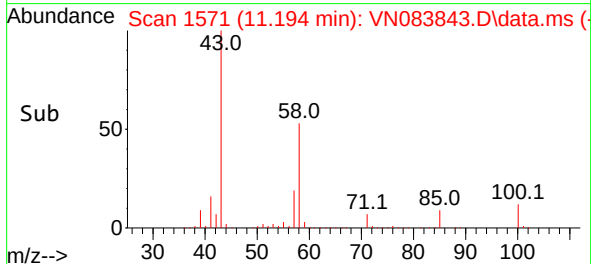
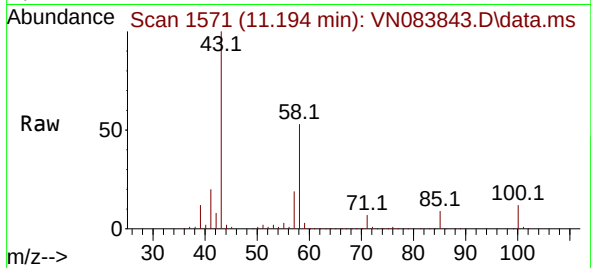
#59
2-Hexanone
Concen: 267.278 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VN083843.D
Acq: 12 Sep 2024 19:54

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 477485
Ion Ratio Lower Upper
43 100
58 52.7 27.2 81.5

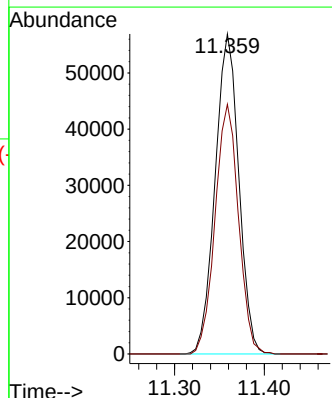
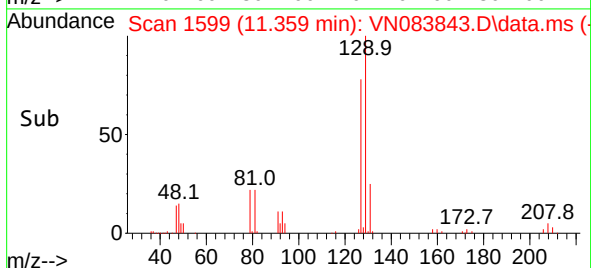
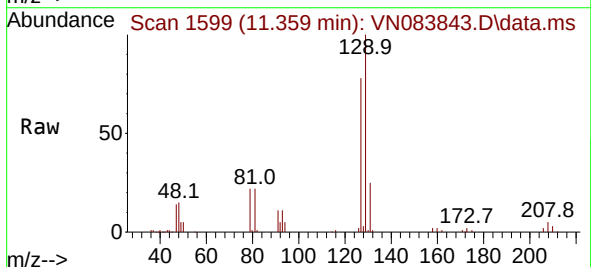
Manual Integrations
APPROVED

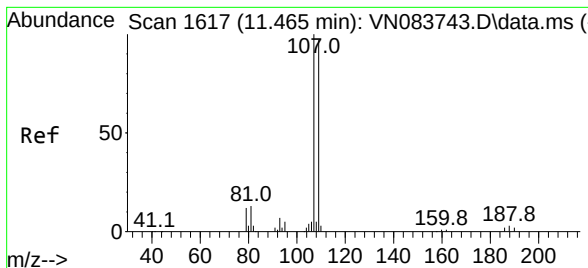
Reviewed By :John Carlone 09/13/2024
Supervised By :Mahesh Dadoda 09/13/2024



#60
Dibromochloromethane
Concen: 50.253 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VN083843.D
Acq: 12 Sep 2024 19:54

Tgt Ion:129 Resp: 104260
Ion Ratio Lower Upper
129 100
127 77.2 39.0 116.9





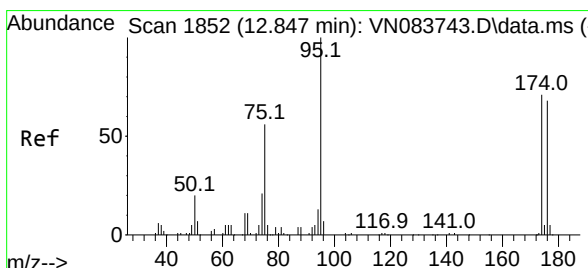
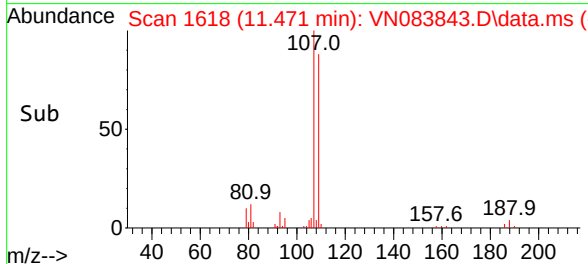
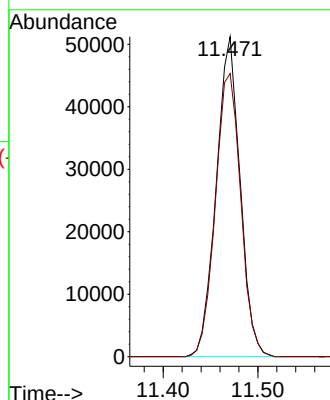
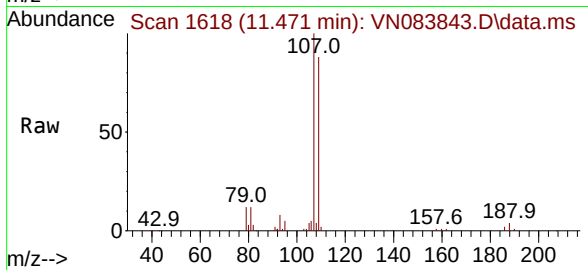
#61
1,2-Dibromoethane
Concen: 48.438 ug/l
RT: 11.471 min Scan# 1617
Delta R.T. 0.006 min
Lab File: VN083843.D
Acq: 12 Sep 2024 19:54

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:107 Resp: 8955
Ion Ratio Lower Upper
107 100
109 94.2 75.6 113.4

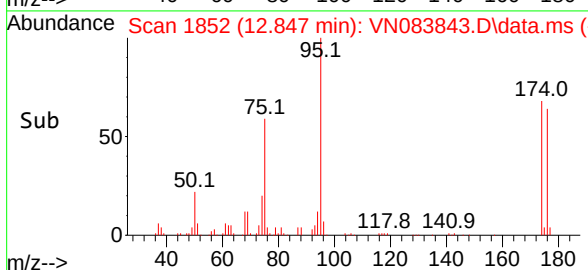
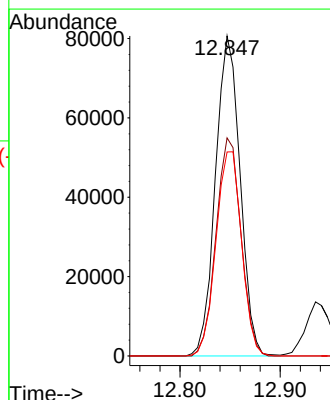
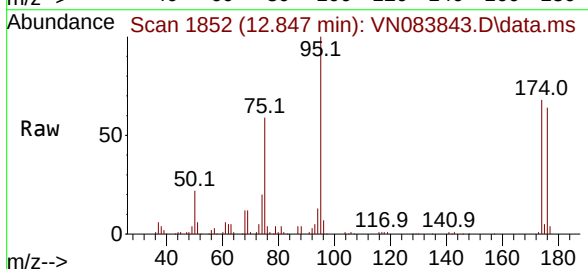
Manual Integrations
APPROVED

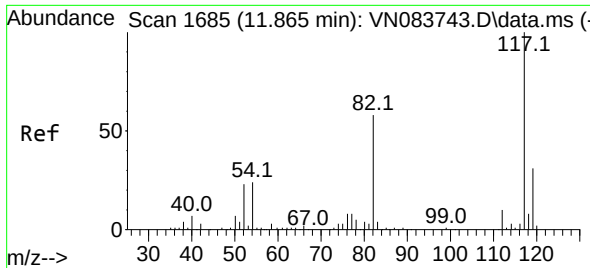
Reviewed By :John Carlone 09/13/2024
Supervised By :Mahesh Dadoda 09/13/2024



#62
4-Bromofluorobenzene
Concen: 53.802 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN083843.D
Acq: 12 Sep 2024 19:54

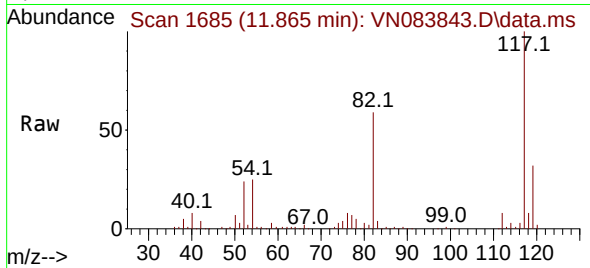
Tgt Ion: 95 Resp: 137512
Ion Ratio Lower Upper
95 100
174 69.1 0.0 139.8
176 66.5 0.0 131.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN083843.D
Acq: 12 Sep 2024 19:54

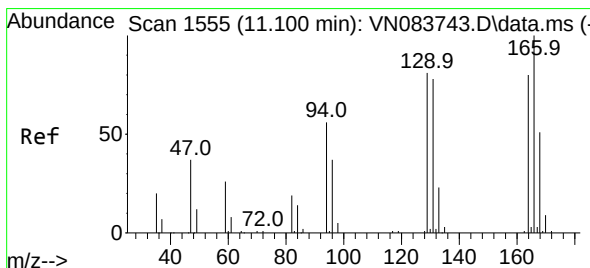
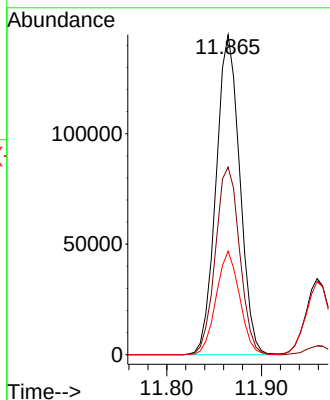
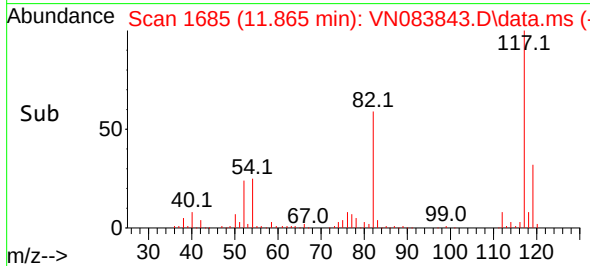
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 251954
Ion Ratio Lower Upper
117 100
82 58.6 47.4 71.0
119 32.4 26.3 39.5

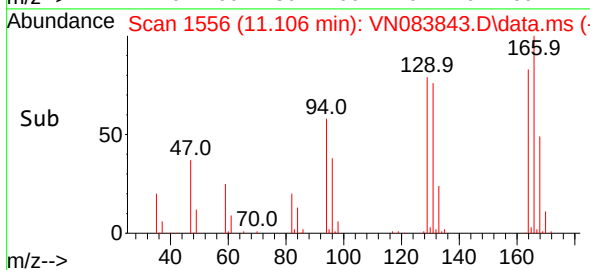
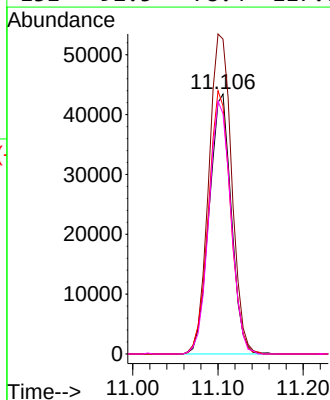
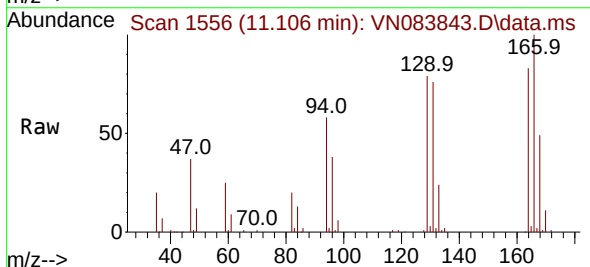
Manual Integrations
APPROVED

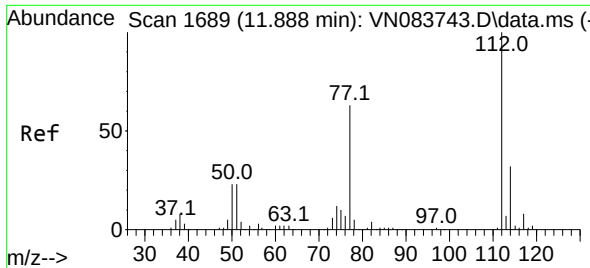
Reviewed By :John Carlone 09/13/2024
Supervised By :Mahesh Dadoda 09/13/2024



#64
Tetrachloroethene
Concen: 46.462 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.006 min
Lab File: VN083843.D
Acq: 12 Sep 2024 19:54

Tgt Ion:164 Resp: 77850
Ion Ratio Lower Upper
164 100
166 121.2 103.7 155.5
129 95.5 79.9 119.9
131 92.5 78.4 117.6





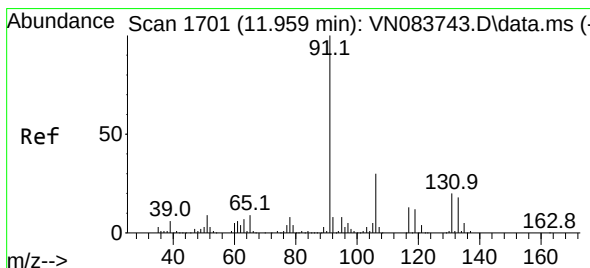
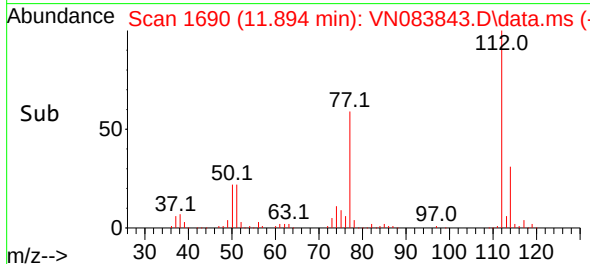
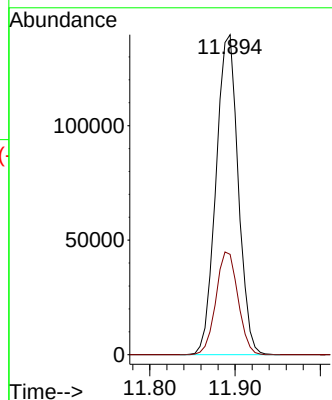
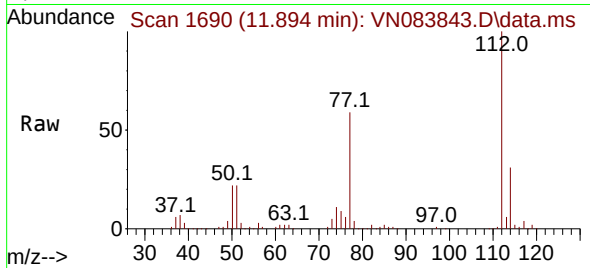
#65
Chlorobenzene
Concen: 45.127 ug/l
RT: 11.894 min Scan# 1689
Delta R.T. 0.006 min
Lab File: VN083843.D
Acq: 12 Sep 2024 19:54

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:112 Resp: 25270
Ion Ratio Lower Upper
112 100
114 31.4 25.7 38.5

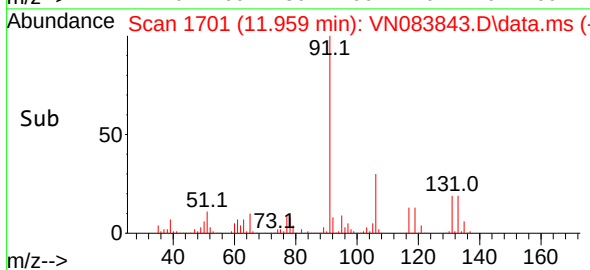
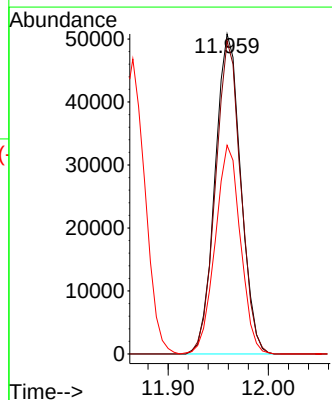
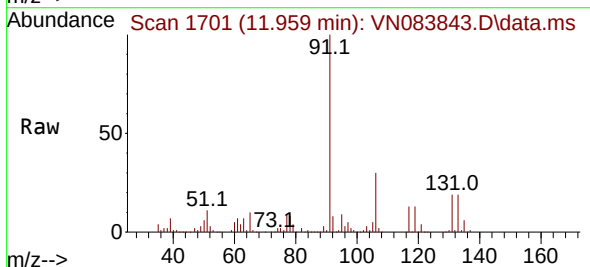
Manual Integrations
APPROVED

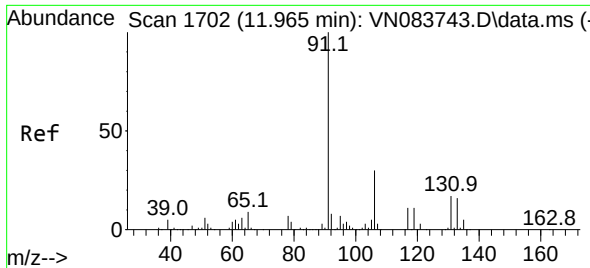
Reviewed By :John Carlone 09/13/2024
Supervised By :Mahesh Dadoda 09/13/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 46.640 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN083843.D
Acq: 12 Sep 2024 19:54

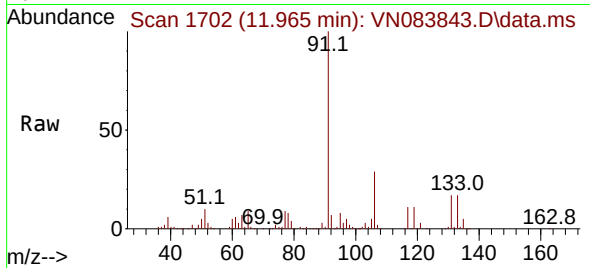
Tgt Ion:131 Resp: 90541
Ion Ratio Lower Upper
131 100
133 96.2 47.5 142.6
119 64.1 31.6 94.8





#67
Ethyl Benzene
Concen: 46.993 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN083843.D
Acq: 12 Sep 2024 19:54

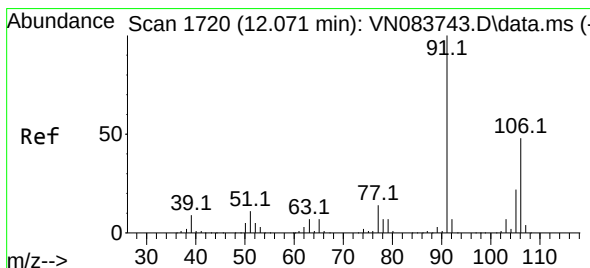
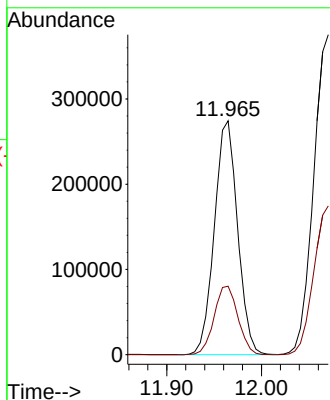
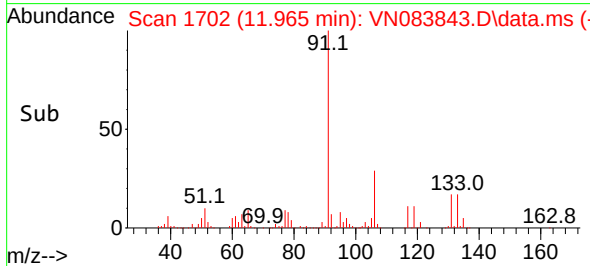
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



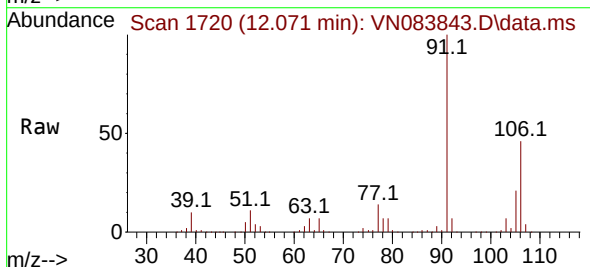
Tgt Ion: 91 Resp: 467469
Ion Ratio Lower Upper
91 100
106 29.3 24.3 36.5

Manual Integrations
APPROVED

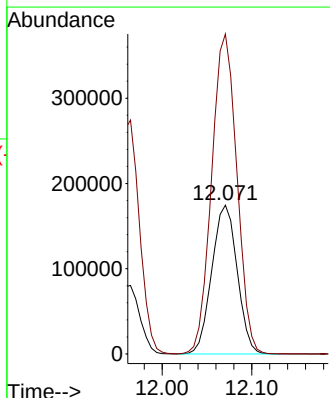
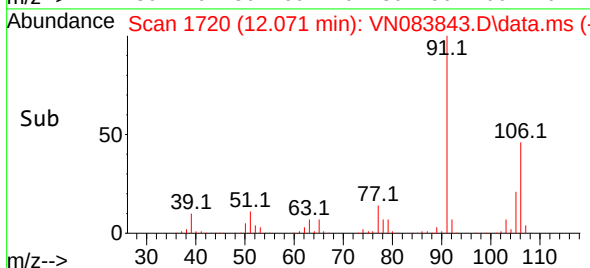
Reviewed By :John Carlone 09/13/2024
Supervised By :Mahesh Dadoda 09/13/2024

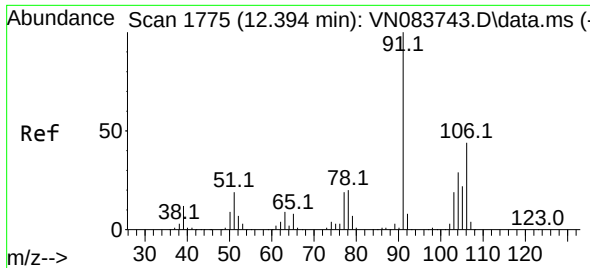


#68
m/p-Xylenes
Concen: 92.789 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN083843.D
Acq: 12 Sep 2024 19:54



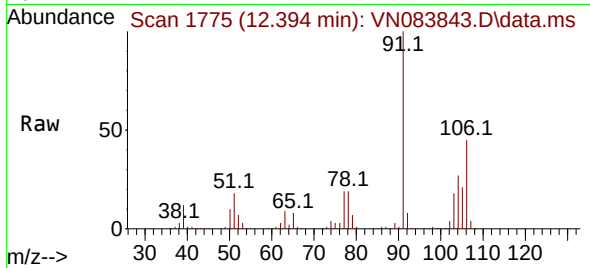
Tgt Ion:106 Resp: 342687
Ion Ratio Lower Upper
106 100
91 213.7 169.2 253.8





#69
o-Xylene
Concen: 47.348 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN083843.D
Acq: 12 Sep 2024 19:54

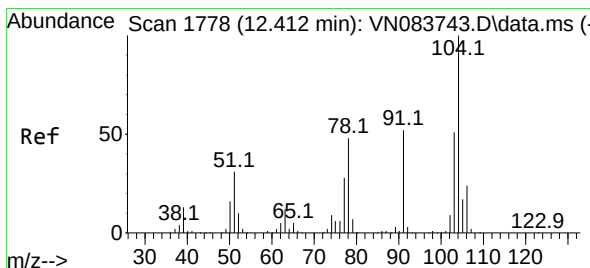
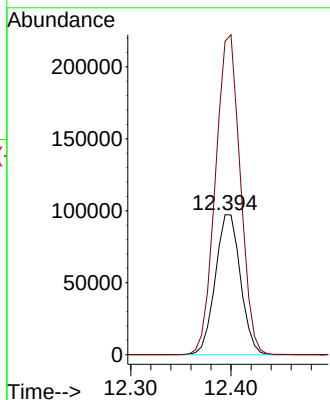
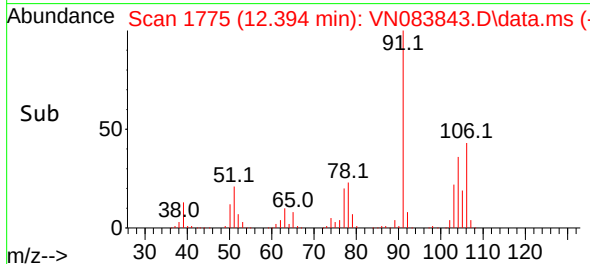
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



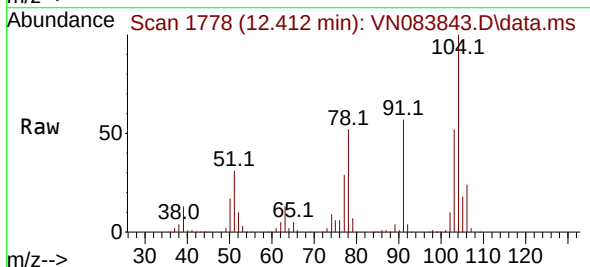
Tgt Ion:106 Resp: 16928
Ion Ratio Lower Upper
106 100
91 225.9 112.9 338.6

Manual Integrations
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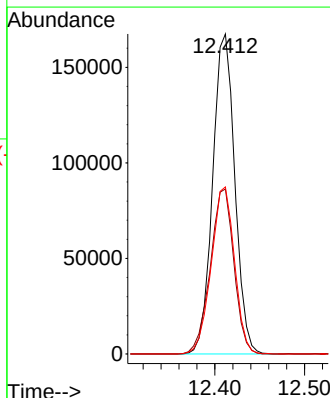
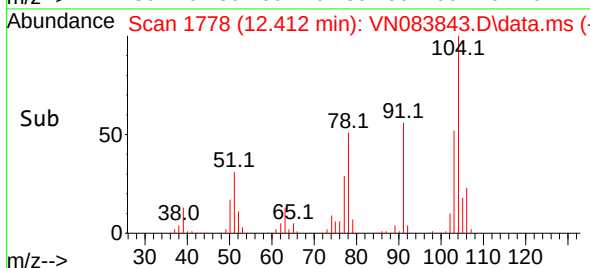
Reviewed By :John Carlone 09/13/2024
Supervised By :Mahesh Dadoda 09/13/2024

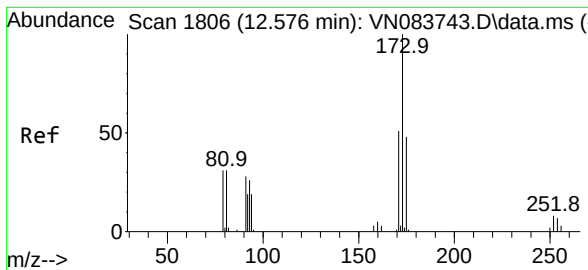


#70
Styrene
Concen: 48.908 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VN083843.D
Acq: 12 Sep 2024 19:54



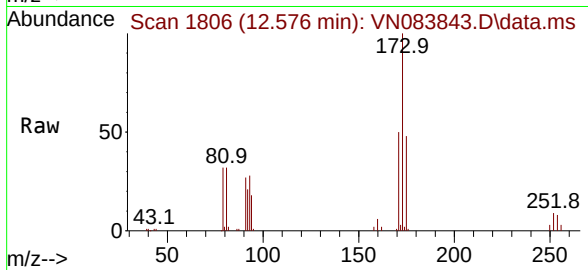
Tgt Ion:104 Resp: 286974
Ion Ratio Lower Upper
104 100
78 55.0 43.3 64.9
103 54.8 43.4 65.2





#71
Bromoform
Concen: 51.015 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VN083843.D
Acq: 12 Sep 2024 19:54

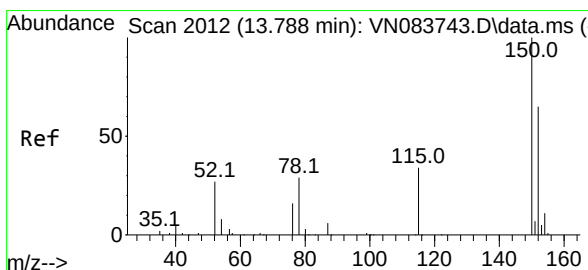
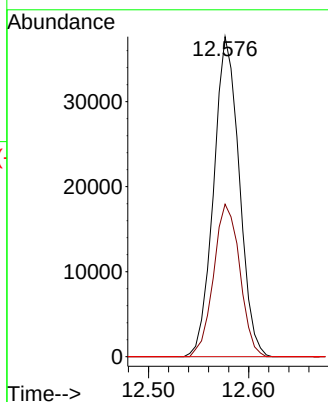
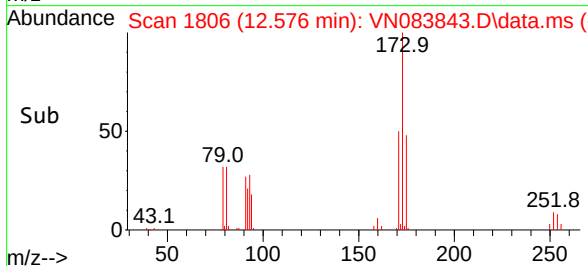
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



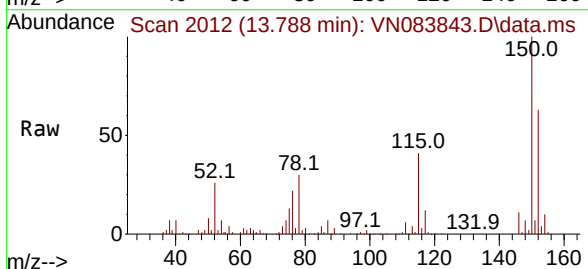
Tgt Ion:173 Resp: 66730
Ion Ratio Lower Upper
173 100
175 48.8 24.1 72.2
254 0.0 0.0 0.0

Manual Integrations
APPROVED

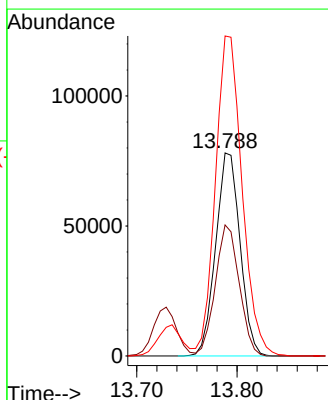
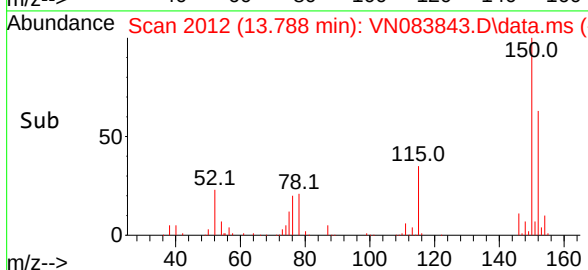
Reviewed By :John Carlone 09/13/2024
Supervised By :Mahesh Dadoda 09/13/2024

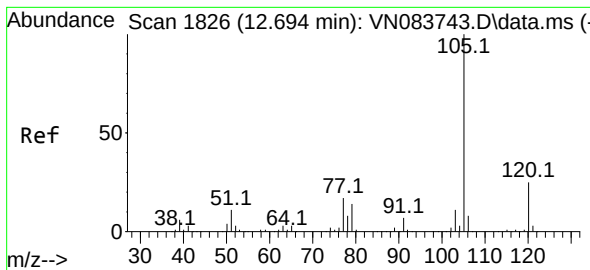


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. 0.000 min
Lab File: VN083843.D
Acq: 12 Sep 2024 19:54



Tgt Ion:152 Resp: 131735
Ion Ratio Lower Upper
152 100
115 63.3 32.2 96.6
150 172.7 0.0 348.6





#73

Isopropylbenzene

Concen: 43.245 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. 0.000 min

Lab File: VN083843.D

Acq: 12 Sep 2024 19:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:105 Resp: 440740

Ion Ratio Lower Upper

105 100

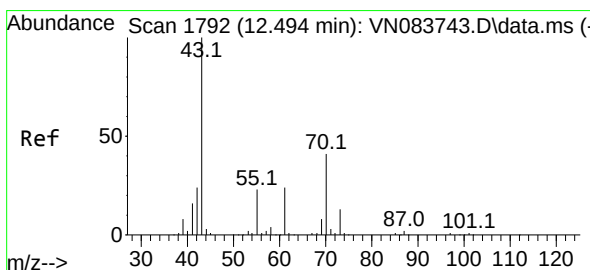
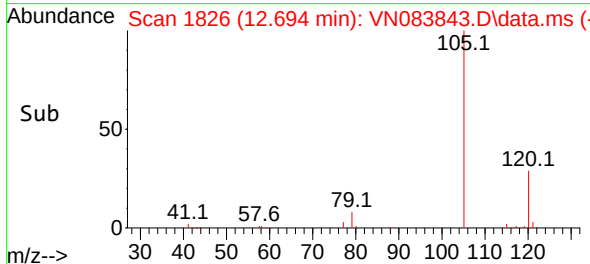
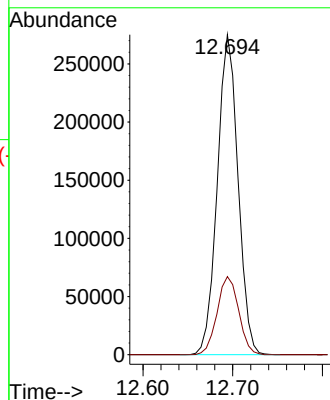
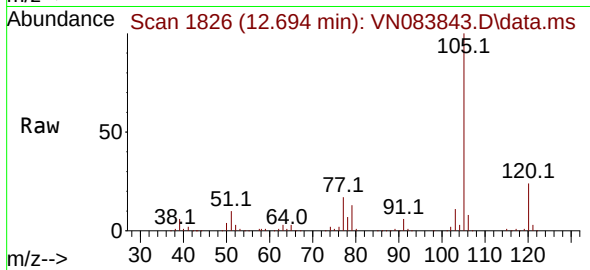
120 25.4 12.6 37.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/13/2024

Supervised By :Mahesh Dadoda 09/13/2024



#74

N-ethyl acetate

Concen: 50.261 ug/l

RT: 12.494 min Scan# 1792

Delta R.T. 0.000 min

Lab File: VN083843.D

Acq: 12 Sep 2024 19:54

Tgt Ion: 43 Resp: 218555

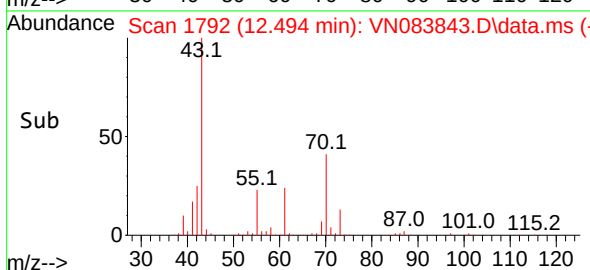
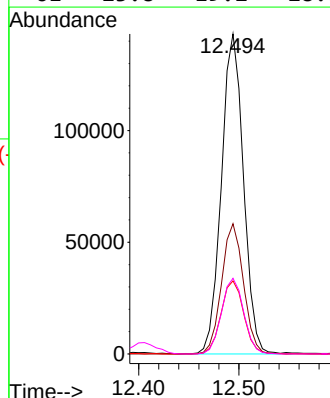
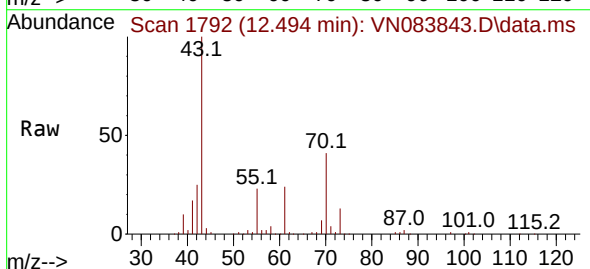
Ion Ratio Lower Upper

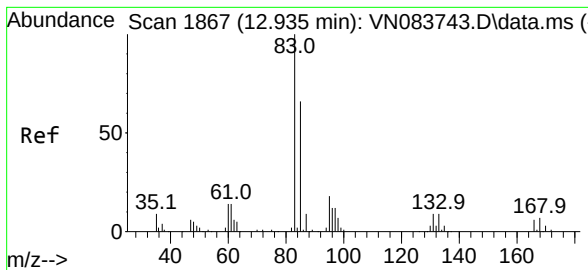
43 100

70 40.4 34.5 51.7

55 23.5 18.6 28.0

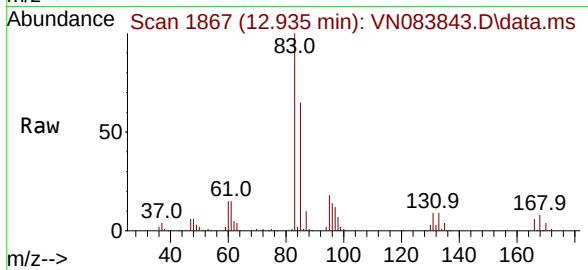
61 23.8 19.2 28.8





#75
 1,1,2,2-Tetrachloroethane
 Concen: 43.459 ug/l
 RT: 12.935 min Scan# 1867
 Delta R.T. 0.000 min
 Lab File: VN083843.D
 Acq: 12 Sep 2024 19:54

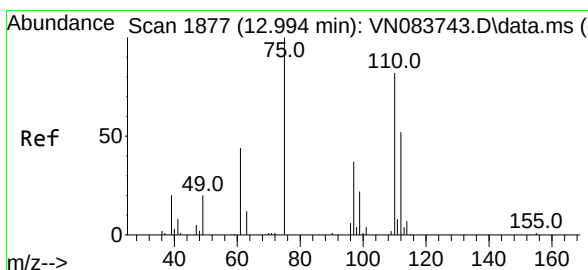
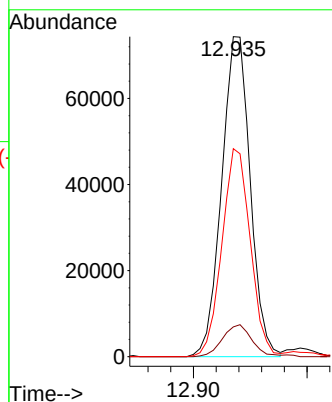
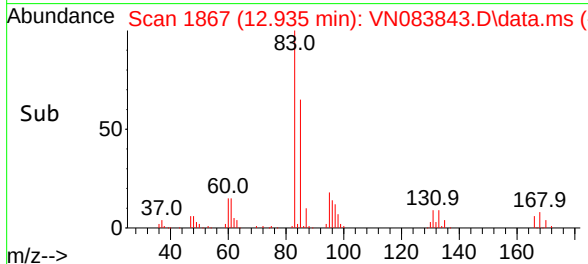
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



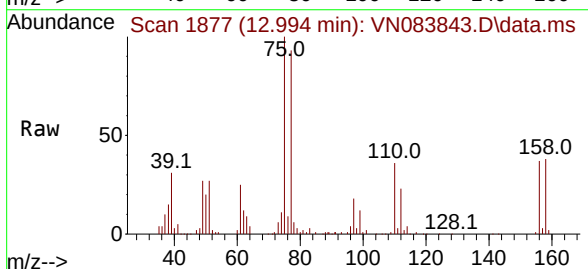
Tgt Ion: 83 Resp: 130139
 Ion Ratio Lower Upper
 83 100
 131 10.5 5.2 15.6
 85 64.5 31.9 95.9

Manual Integrations
 APPROVED

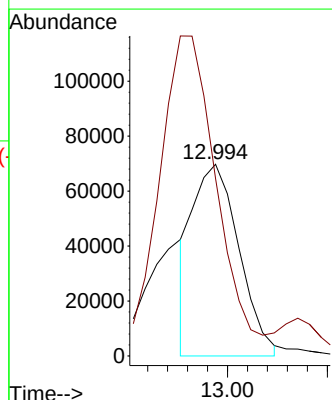
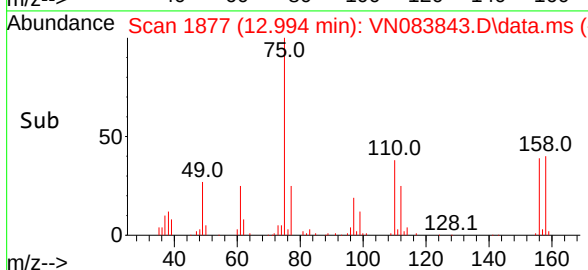
Reviewed By :John Carlone 09/13/2024
 Supervised By :Mahesh Dadoda 09/13/2024

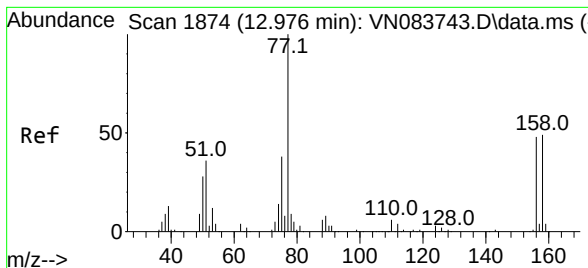


#76
 1,2,3-Trichloropropane
 Concen: 42.345 ug/l m
 RT: 12.994 min Scan# 1877
 Delta R.T. 0.000 min
 Lab File: VN083843.D
 Acq: 12 Sep 2024 19:54



Tgt Ion: 75 Resp: 112560
 Ion Ratio Lower Upper
 75 100
 77 207.3 95.2 285.6





#77

Bromobenzene

Concen: 41.963 ug/l

RT: 12.976 min Scan# 1874

Delta R.T. 0.000 min

Lab File: VN083843.D

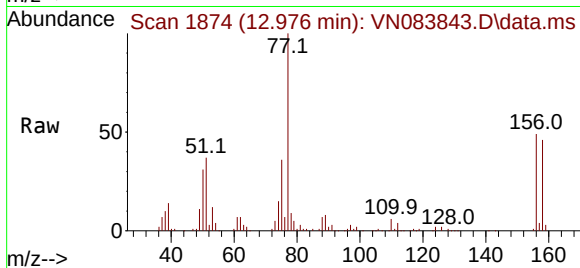
Acq: 12 Sep 2024 19:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



Tgt Ion:156 Resp: 102948

Ion Ratio Lower Upper

156 100

77 226.6 114.3 343.1

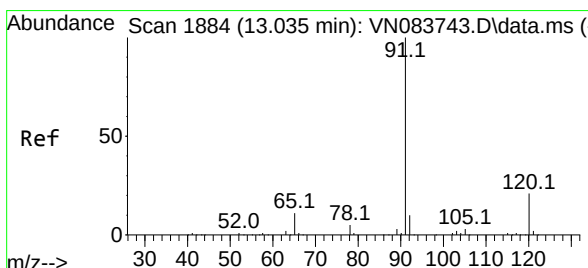
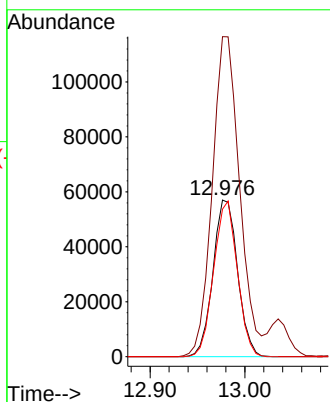
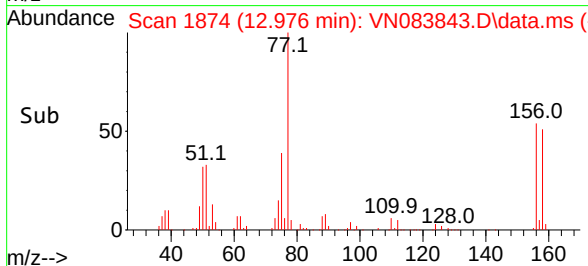
158 95.4 48.9 146.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/13/2024

Supervised By :Mahesh Dadoda 09/13/2024



#78

n-propylbenzene

Concen: 42.564 ug/l

RT: 13.035 min Scan# 1884

Delta R.T. 0.000 min

Lab File: VN083843.D

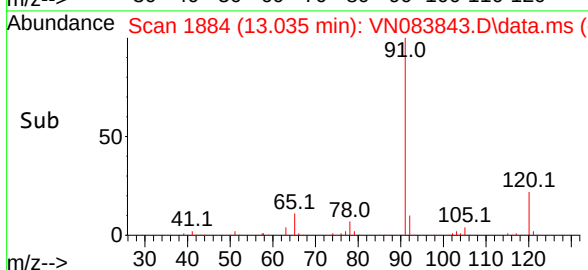
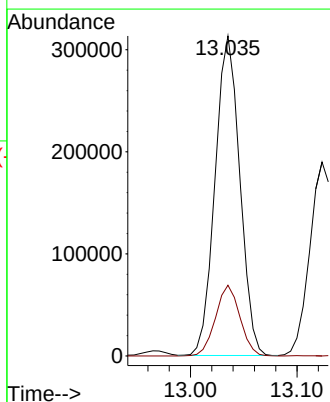
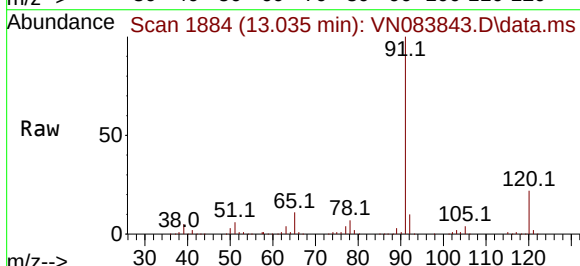
Acq: 12 Sep 2024 19:54

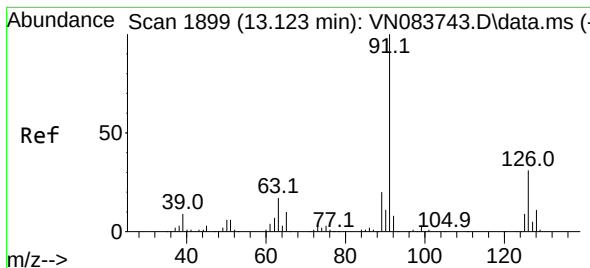
Tgt Ion: 91 Resp: 504743

Ion Ratio Lower Upper

91 100

120 21.8 11.0 33.0





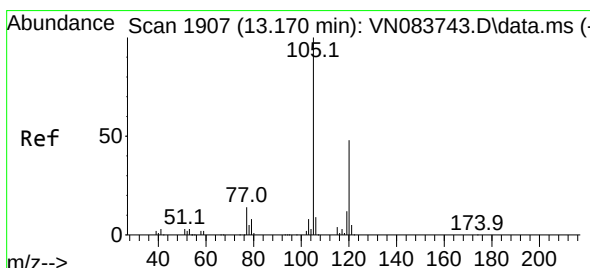
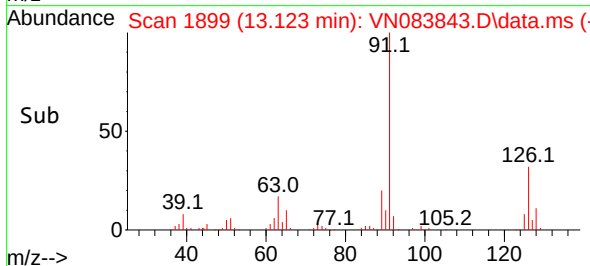
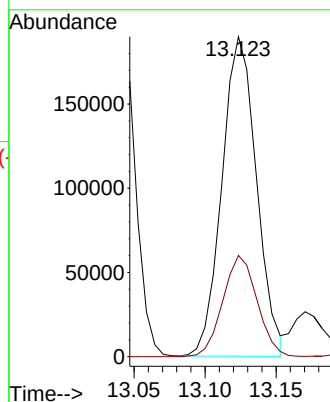
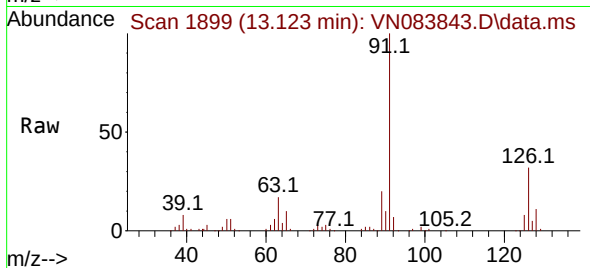
#79
2-Chlorotoluene
Concen: 42.398 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VN083843.D
Acq: 12 Sep 2024 19:54

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 32064
Ion Ratio Lower Upper
91 100
126 31.4 15.4 46.2

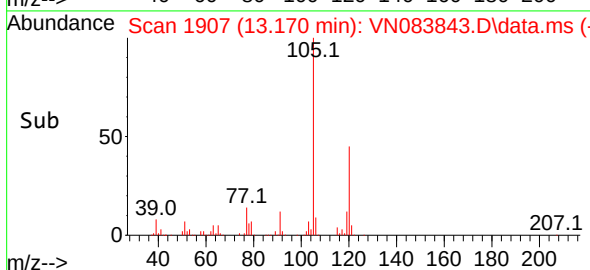
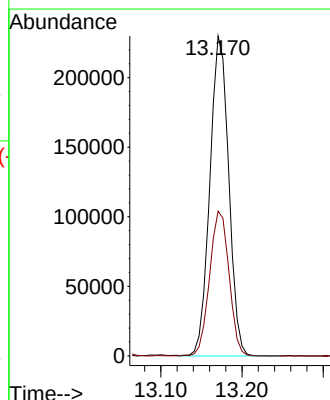
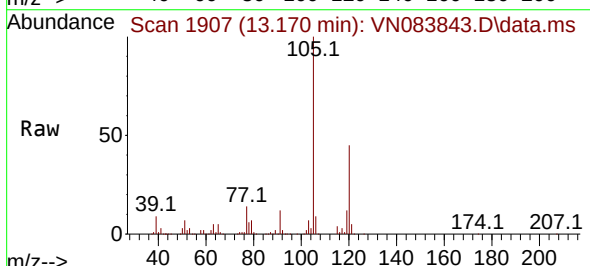
Manual Integrations
APPROVED

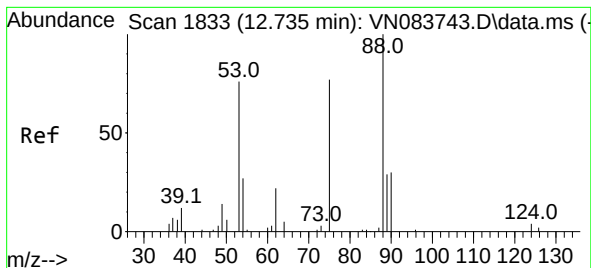
Reviewed By :John Carlone 09/13/2024
Supervised By :Mahesh Dadoda 09/13/2024



#80
1,3,5-Trimethylbenzene
Concen: 43.135 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VN083843.D
Acq: 12 Sep 2024 19:54

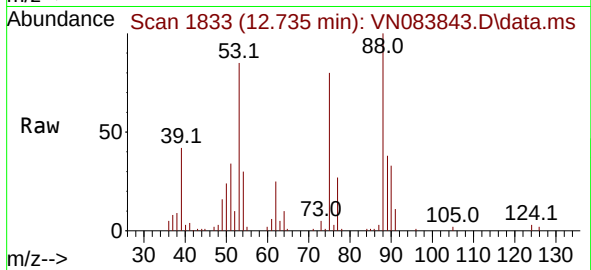
Tgt Ion:105 Resp: 370647
Ion Ratio Lower Upper
105 100
120 46.6 23.4 70.3





#81
trans-1,4-Dichloro-2-butene
Concen: 42.714 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN083843.D
Acq: 12 Sep 2024 19:54

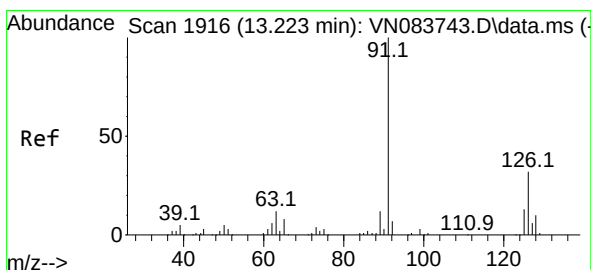
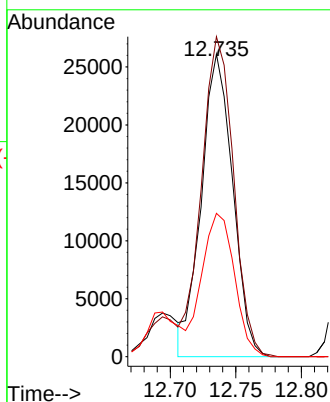
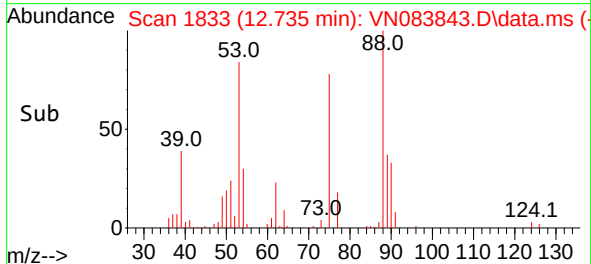
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 4335
Ion Ratio Lower Upper
75 100
53 108.6 81.2 121.8
89 49.0 35.7 53.5

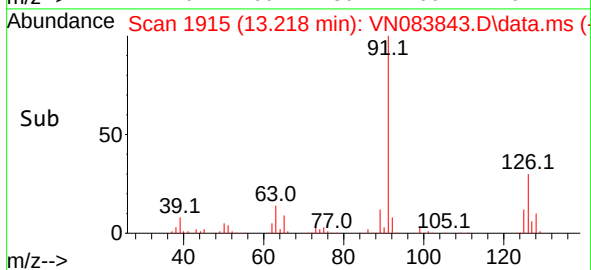
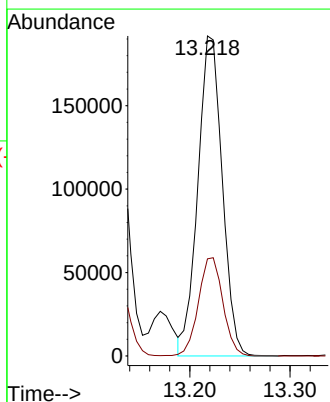
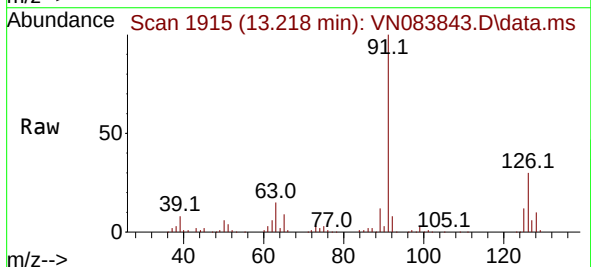
Manual Integrations
APPROVED

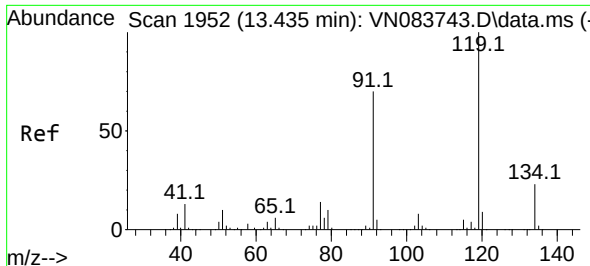
Reviewed By :John Carlone 09/13/2024
Supervised By :Mahesh Dadoda 09/13/2024



#82
4-Chlorotoluene
Concen: 42.801 ug/l
RT: 13.218 min Scan# 1915
Delta R.T. -0.006 min
Lab File: VN083843.D
Acq: 12 Sep 2024 19:54

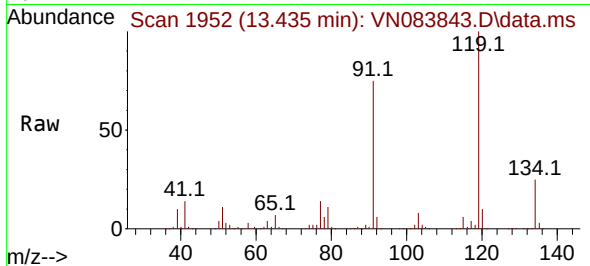
Tgt Ion: 91 Resp: 324828
Ion Ratio Lower Upper
91 100
126 30.8 15.4 46.2





#83
tert-Butylbenzene
Concen: 43.144 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. 0.000 min
Lab File: VN083843.D
Acq: 12 Sep 2024 19:54

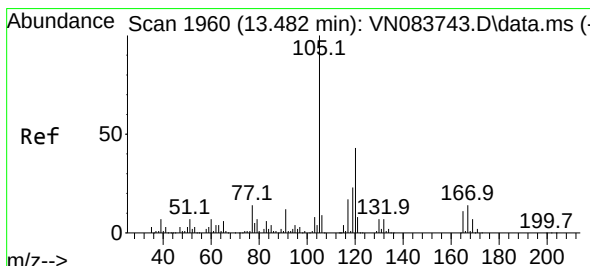
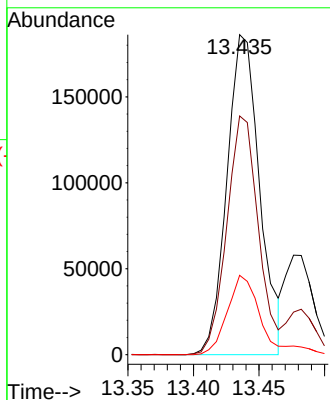
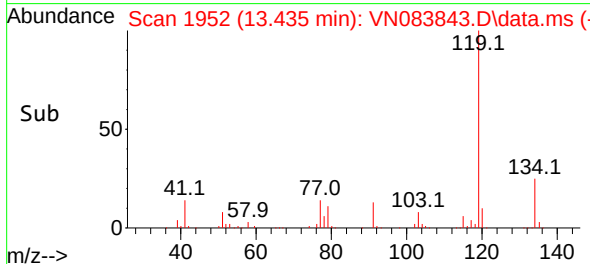
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



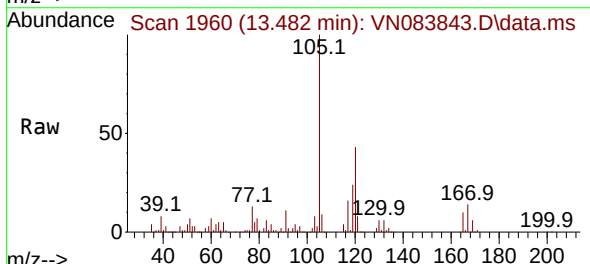
Tgt Ion:119 Resp: 324344
Ion Ratio Lower Upper
119 100
91 71.7 34.5 103.6
134 25.7 12.8 38.4

Manual Integrations
APPROVED

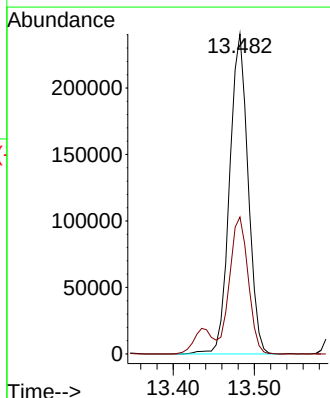
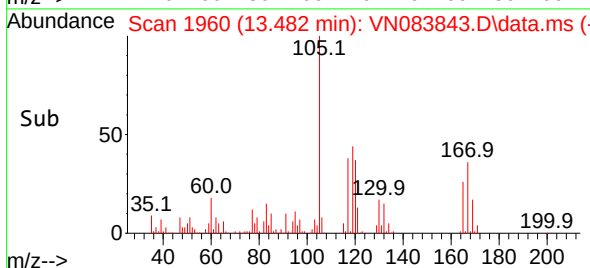
Reviewed By :John Carlone 09/13/2024
Supervised By :Mahesh Dadoda 09/13/2024

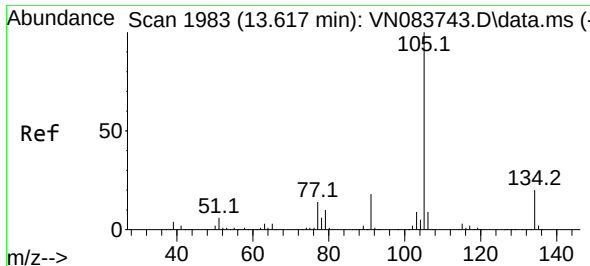


#84
1,2,4-Trimethylbenzene
Concen: 43.936 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN083843.D
Acq: 12 Sep 2024 19:54



Tgt Ion:105 Resp: 379229
Ion Ratio Lower Upper
105 100
120 43.1 21.8 65.4





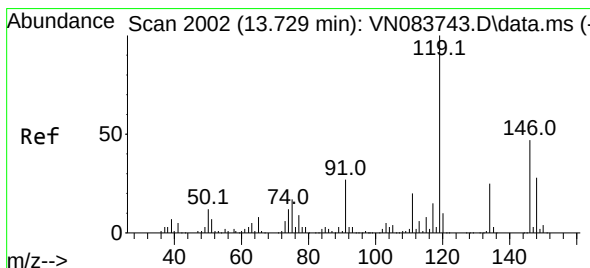
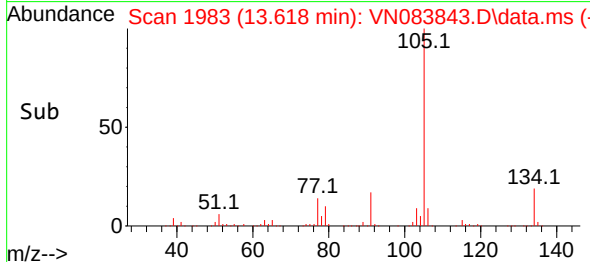
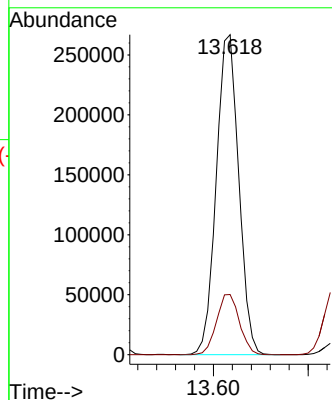
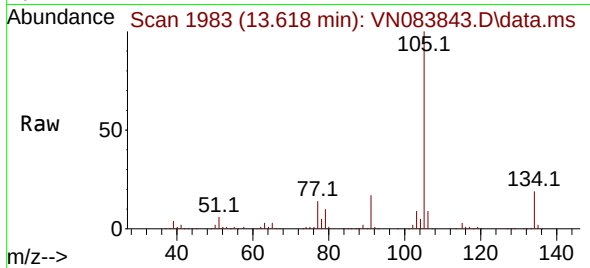
#85
 sec-Butylbenzene
 Concen: 44.110 ug/l
 RT: 13.618 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VN083843.D
 Acq: 12 Sep 2024 19:54

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:105 Resp: 439784
 Ion Ratio Lower Upper
 105 100
 134 19.1 9.7 29.1

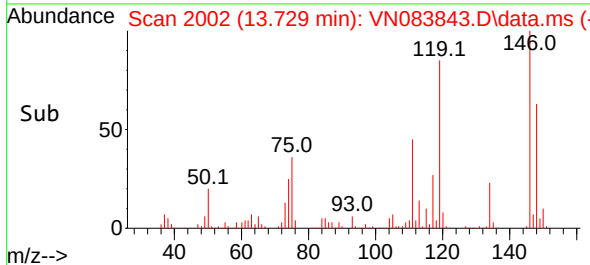
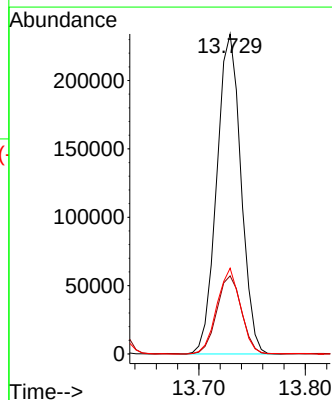
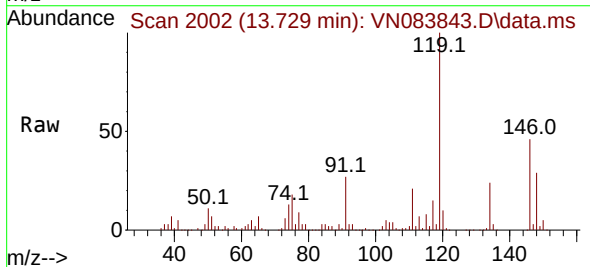
Manual Integrations
 APPROVED

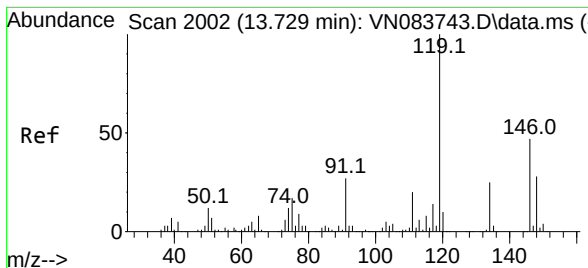
Reviewed By :John Carlone 09/13/2024
 Supervised By :Mahesh Dadoda 09/13/2024



#86
 p-Isopropyltoluene
 Concen: 44.148 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN083843.D
 Acq: 12 Sep 2024 19:54

Tgt Ion:119 Resp: 368973
 Ion Ratio Lower Upper
 119 100
 134 24.9 12.8 38.3
 91 26.1 12.9 38.7





#87

1,3-Dichlorobenzene

Concen: 40.976 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. 0.000 min

Lab File: VN083843.D

Acq: 12 Sep 2024 19:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:146 Resp: 189719

Ion Ratio Lower Upper

146 100

111 43.9 21.7 65.1

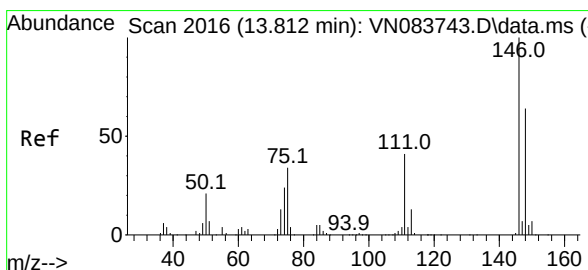
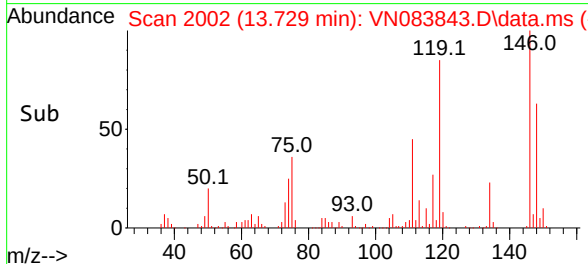
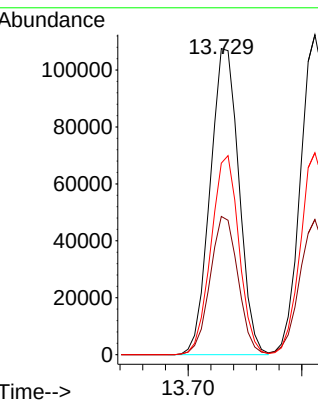
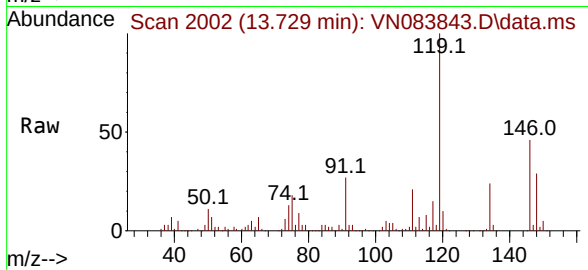
148 62.9 31.7 95.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/13/2024

Supervised By :Mahesh Dadoda 09/13/2024



#88

1,4-Dichlorobenzene

Concen: 40.949 ug/l

RT: 13.812 min Scan# 2016

Delta R.T. 0.000 min

Lab File: VN083843.D

Acq: 12 Sep 2024 19:54

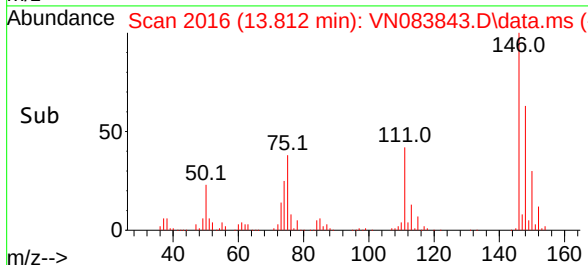
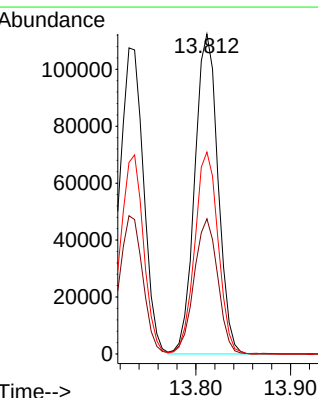
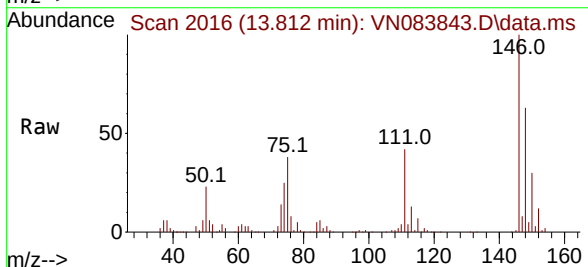
Tgt Ion:146 Resp: 191978

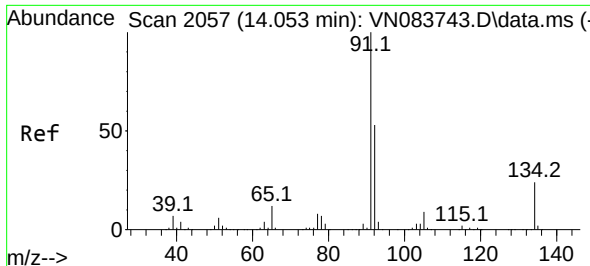
Ion Ratio Lower Upper

146 100

111 43.1 21.3 64.0

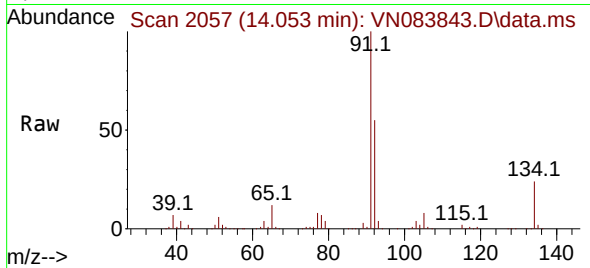
148 63.4 32.0 96.2





#89
n-Butylbenzene
Concen: 42.339 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. 0.000 min
Lab File: VN083843.D
Acq: 12 Sep 2024 19:54

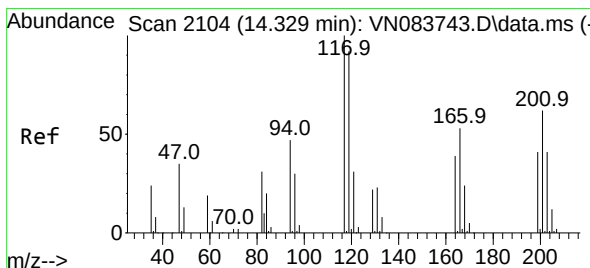
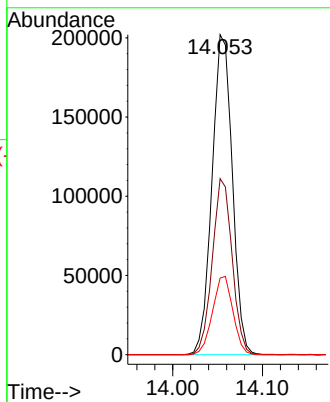
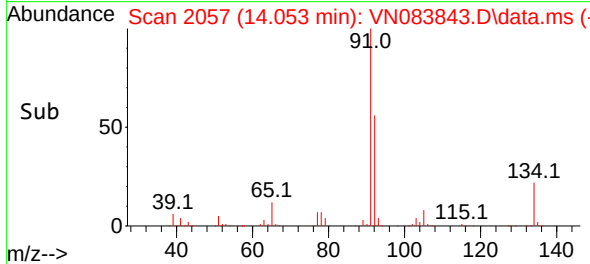
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 31770
Ion Ratio Lower Upper
91 100
92 53.7 26.7 80.1
134 24.6 12.2 36.4

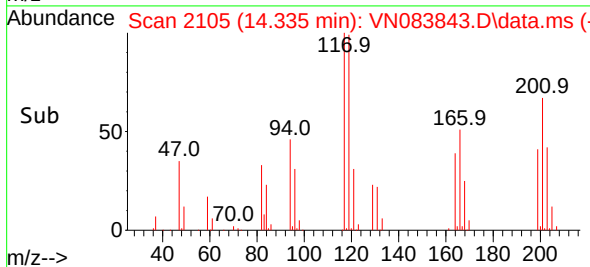
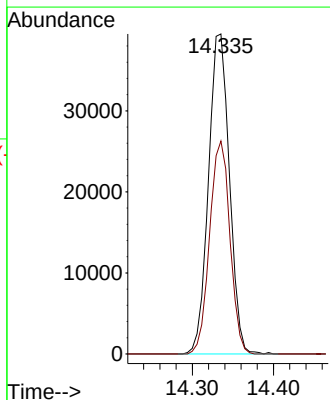
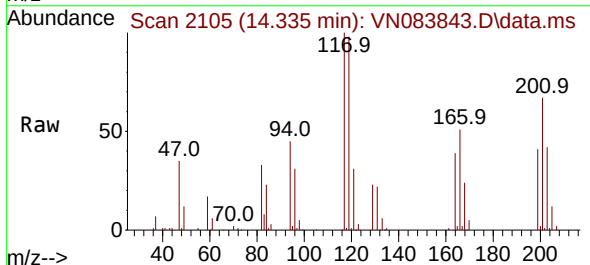
Manual Integrations
APPROVED

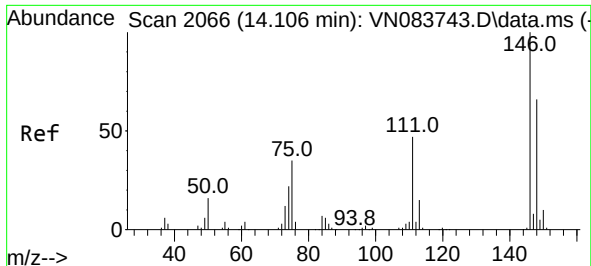
Reviewed By :John Carlone 09/13/2024
Supervised By :Mahesh Dadoda 09/13/2024



#90
Hexachloroethane
Concen: 42.072 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.006 min
Lab File: VN083843.D
Acq: 12 Sep 2024 19:54

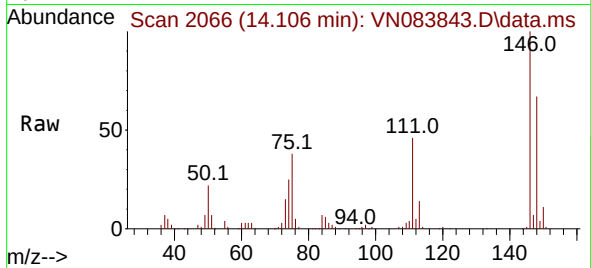
Tgt Ion:117 Resp: 70683
Ion Ratio Lower Upper
117 100
201 64.5 32.8 98.3





#91
1,2-Dichlorobenzene
Concen: 42.873 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. 0.000 min
Lab File: VN083843.D
Acq: 12 Sep 2024 19:54

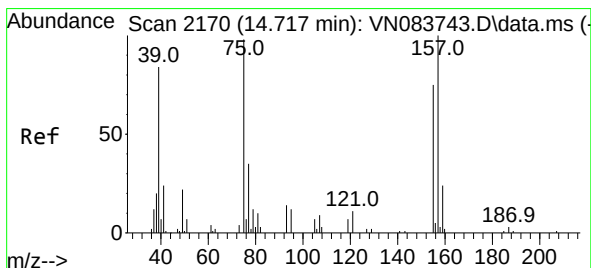
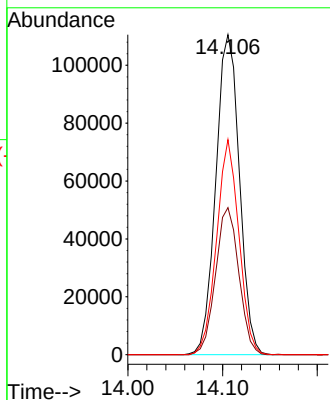
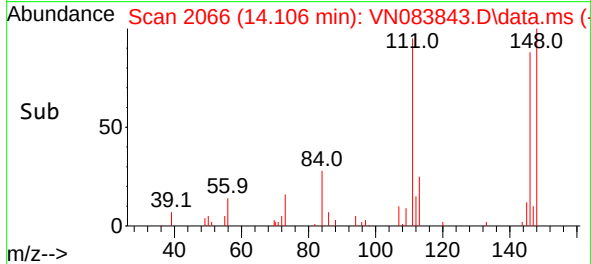
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:146 Resp: 191572
Ion Ratio Lower Upper
146 100
111 45.4 22.8 68.3
148 63.6 32.1 96.5

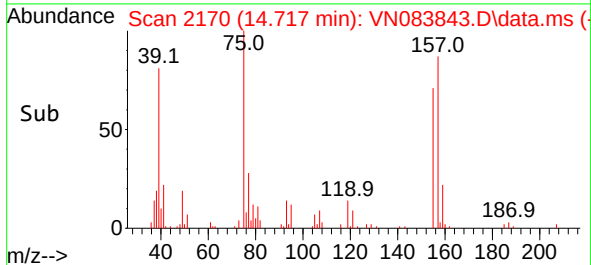
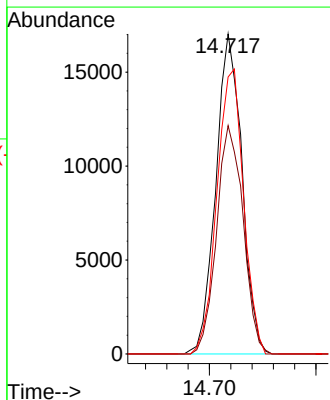
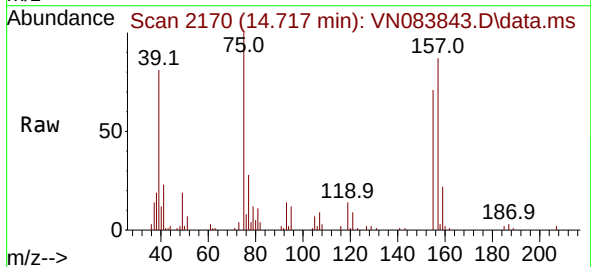
Manual Integrations
APPROVED

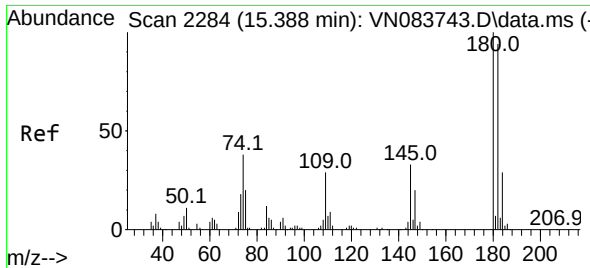
Reviewed By :John Carlone 09/13/2024
Supervised By :Mahesh Dadoda 09/13/2024



#92
1,2-Dibromo-3-Chloropropane
Concen: 48.432 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. 0.000 min
Lab File: VN083843.D
Acq: 12 Sep 2024 19:54

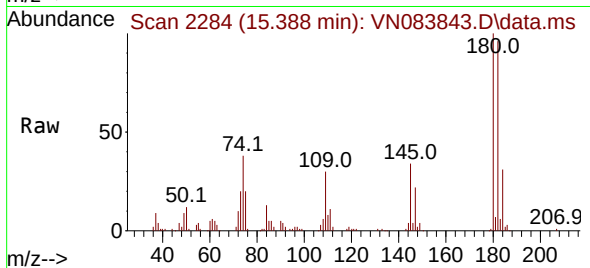
Tgt Ion: 75 Resp: 28911
Ion Ratio Lower Upper
75 100
155 72.7 35.9 107.7
157 90.9 47.5 142.5





#93
1,2,4-Trichlorobenzene
Concen: 41.554 ug/l
RT: 15.388 min Scan# 2284
Delta R.T. 0.000 min
Lab File: VN083843.D
Acq: 12 Sep 2024 19:54

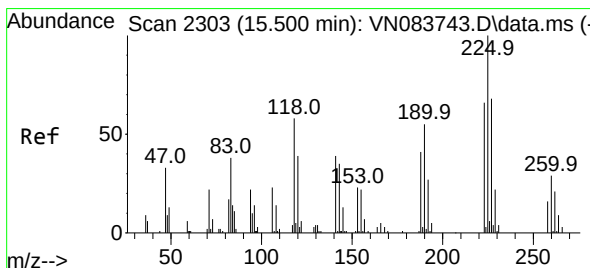
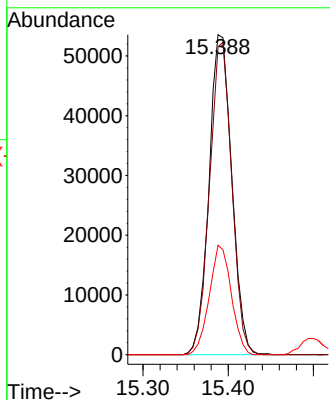
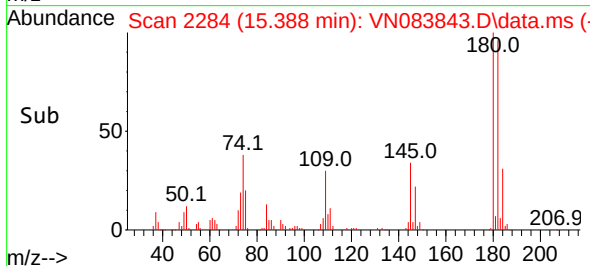
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



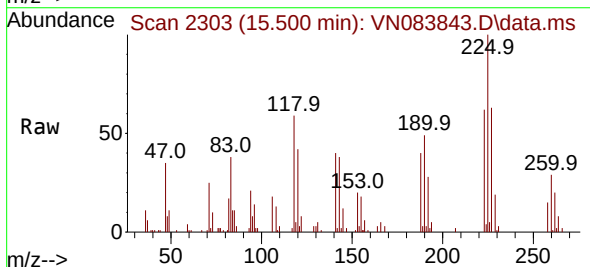
Tgt Ion:180 Resp: 99640
Ion Ratio Lower Upper
180 100
182 95.2 48.1 144.3
145 33.1 16.9 50.7

Manual Integrations
APPROVED

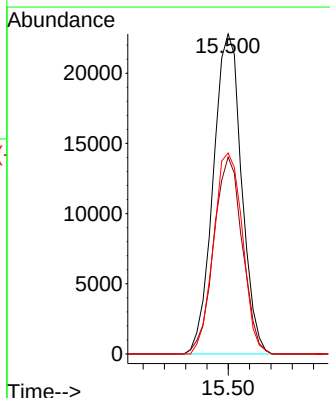
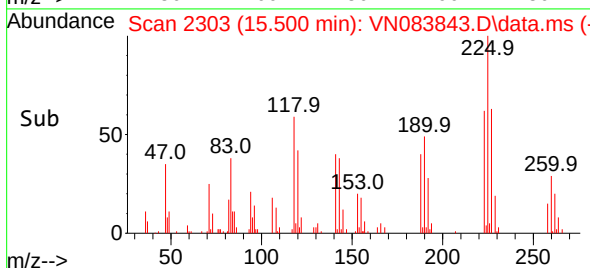
Reviewed By :John Carlone 09/13/2024
Supervised By :Mahesh Dadoda 09/13/2024

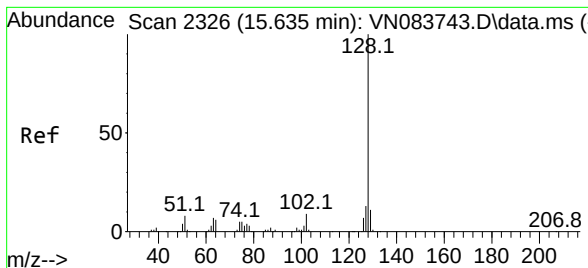


#94
Hexachlorobutadiene
Concen: 41.353 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. 0.000 min
Lab File: VN083843.D
Acq: 12 Sep 2024 19:54



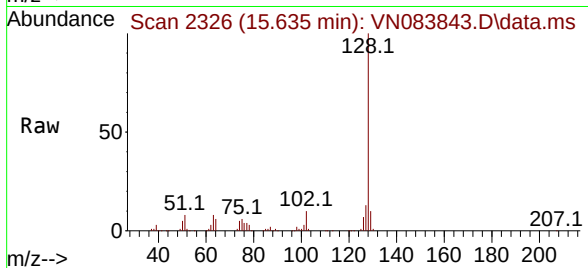
Tgt Ion:225 Resp: 42110
Ion Ratio Lower Upper
225 100
223 62.3 31.9 95.5
227 64.1 32.0 96.2





#95
Naphthalene
Concen: 48.037 ug/l
RT: 15.635 min Scan# 2326
Delta R.T. 0.000 min
Lab File: VN083843.D
Acq: 12 Sep 2024 19:54

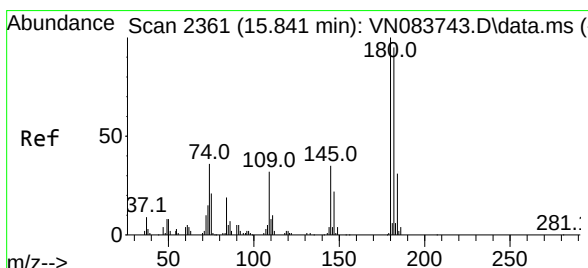
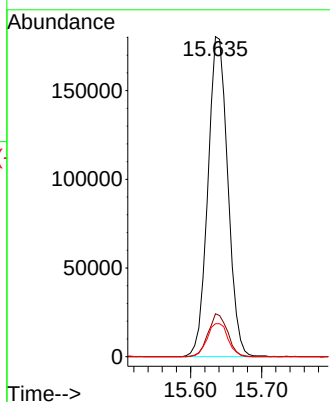
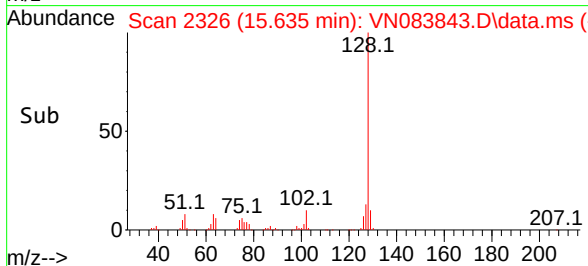
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



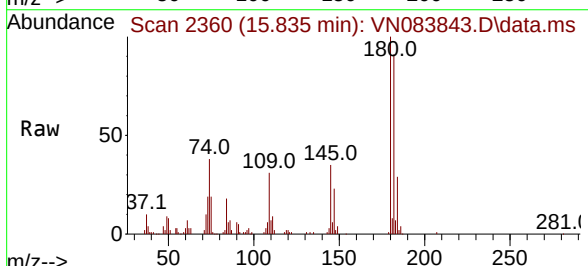
Tgt Ion:128 Resp: 350430
Ion Ratio Lower Upper
128 100
127 13.1 10.2 15.2
129 10.8 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 09/13/2024
Supervised By :Mahesh Dadoda 09/13/2024



#96
1,2,3-Trichlorobenzene
Concen: 42.835 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. -0.006 min
Lab File: VN083843.D
Acq: 12 Sep 2024 19:54



Tgt Ion:180 Resp: 98160
Ion Ratio Lower Upper
180 100
182 93.5 47.1 141.4
145 35.1 17.8 53.5

