

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100824\
 Data File : VN084343.D
 Acq On : 08 Oct 2024 12:09
 Operator : JC\MD
 Sample : VSTDICV020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN100824

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/09/2024
 Supervised By : Mahesh Dadoda 10/09/2024

Quant Time: Oct 09 02:27:08 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N100824W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Oct 09 02:21:08 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.818	128	35827	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	193781	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	180191	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.582	65	86558	30.009	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 100.033%			
60) 4-Bromofluorobenzene	12.847	95	91549	30.784	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 102.600%			
63) Toluene-d8	10.565	98	253573	30.377	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 101.267%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	43254	19.774	ug/l	99
3) Chloromethane	2.365	50	49667	19.953	ug/l	98
4) Vinyl Chloride	2.512	62	49435	20.252	ug/l	99
5) Bromomethane	2.959	94	31882	19.713	ug/l	93
6) Chloroethane	3.118	64	32723	20.448	ug/l	92
7) Trichlorofluoromethane	3.500	101	77185	19.412	ug/l	91
8) Diethyl Ether	3.965	74	28565	19.540	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.377	101	45902	20.532	ug/l	98
10) 1,1-Dichloroethene	4.342	96	43131	19.334	ug/l	84
11) Methyl Iodide	4.594	142	56446	19.255	ug/l	99
12) Methyl Acetate	5.030	43	52991	18.975	ug/l	99
13) Acrolein	4.183	56	48906	94.270	ug/l	99
14) Acrylonitrile	5.718	53	116456	92.817	ug/l	98
15) Acetone	4.430	58	39824	111.112	ug/l	100
16) Carbon Disulfide	4.712	76	126253	19.006	ug/l	99
17) Allyl chloride	5.024	41	68924	19.060	ug/l	86
18) Methylene Chloride	5.271	84	50598	20.135	ug/l	97
19) trans-1,2-Dichloroethene	5.789	96	45883	19.434	ug/l	98
20) Diisopropyl ether	6.677	45	158301	20.360	ug/l	97
21) 1,1-Dichloroethane	6.565	63	88993	19.948	ug/l	98
22) cis-1,2-Dichloroethene	7.483	96	54789	19.943	ug/l	100
23) tert-Butyl Alcohol	5.524	59	43150	89.659	ug/l #	100
24) Methyl tert-Butyl Ether	5.800	73	146831	19.696	ug/l #	86
25) Chloroform	7.965	83	91875	20.334	ug/l	98
26) Cyclohexane	8.253	56	70636	18.931	ug/l #	92
29) 1,1-Dichloropropene	8.371	75	63709	20.028	ug/l	99
30) 2-Butanone	7.483	43	170510	100.675	ug/l	99
31) 2,2-Dichloropropane	7.488	77	78528	21.007	ug/l #	82
32) 1,1,1-Trichloroethane	8.165	97	83527	20.543	ug/l	99
33) Carbon Tetrachloride	8.365	117	70593	20.040	ug/l	97
34) Benzene	8.606	78	201095	20.195	ug/l	98
35) Methacrylonitrile	7.782	41	35261	19.515	ug/l	99
36) 1,2-Dichloroethane	8.671	62	67448	20.321	ug/l	99
37) Trichloroethene	9.353	130	46466	20.265	ug/l	92
38) Methylcyclohexane	9.600	83	69219	19.810	ug/l	98
39) 1,2-Dichloropropane	9.618	63	49546	20.404	ug/l	94
40) Dibromomethane	9.706	93	34353	20.242	ug/l	98
41) Bromodichloromethane	9.888	83	72371	20.087	ug/l	92
42) Vinyl Acetate	6.606	43	581959	98.798	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100824\
 Data File : VN084343.D
 Acq On : 08 Oct 2024 12:09
 Operator : JC\MD
 Sample : VSTDICV020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN100824

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/09/2024
 Supervised By : Mahesh Dadoda 10/09/2024

Quant Time: Oct 09 02:27:08 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N100824W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Oct 09 02:21:08 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.559	43	63334m	18.961	ug/l	
44) Isopropyl Acetate	8.688	43	106167	19.419	ug/l	100
45) 1,4-Dioxane	9.700	88	17788	360.927	ug/l	96
46) Methyl methacrylate	9.682	41	51122	19.353	ug/l	97
47) n-amyl Acetate	12.494	43	94442	19.421	ug/l	99
48) t-1,3-Dichloropropene	10.835	75	74857	20.107	ug/l	98
49) cis-1,3-Dichloropropene	10.312	75	80340	20.591	ug/l	95
50) 1,1,2-Trichloroethane	11.012	97	45700	20.034	ug/l	99
51) Ethyl methacrylate	10.871	69	73999	19.639	ug/l	97
52) 1,3-Dichloropropane	11.159	76	80053	20.070	ug/l	100
53) Dibromochloromethane	11.359	129	54490	20.221	ug/l	99
54) 1,2-Dibromoethane	11.470	107	45857	19.530	ug/l	95
55) 2-Chloroethyl vinyl ether	10.159	63	150677	88.171	ug/l	99
56) Bromoform	12.576	173	35946	20.113	ug/l	97
58) 4-Methyl-2-Pentanone	10.441	43	326914	97.392	ug/l	99
59) 2-Hexanone	11.194	43	248144	99.486	ug/l	99
61) Tetrachloroethene	11.100	164	41736	20.477	ug/l	95
62) Toluene	10.629	91	216792	20.551	ug/l	98
64) Chlorobenzene	11.894	112	131028	19.960	ug/l	98
65) 1,1,1,2-Tetrachloroethane	11.959	131	45996	20.169	ug/l	100
66) Ethyl Benzene	11.965	91	229654	20.038	ug/l	95
67) m/p-Xylenes	12.070	106	179863	41.370	ug/l	98
68) o-Xylene	12.394	106	84107	20.070	ug/l	99
69) Styrene	12.412	104	144766	20.124	ug/l	100
70) Isopropylbenzene	12.694	105	213142	19.923	ug/l	98
71) 1,1,2,2-Tetrachloroethane	12.935	83	65966	19.932	ug/l	99
72) 1,2,3-Trichloropropane	12.994	75	63849m	22.527	ug/l	
73) Bromobenzene	12.976	156	51798	19.992	ug/l	98
74) n-propylbenzene	13.035	91	260928	20.467	ug/l	100
75) 2-Chlorotoluene	13.123	91	158449	20.001	ug/l	99
76) 1,3,5-Trimethylbenzene	13.170	105	181926	20.196	ug/l	99
77) t-1,4-Dichloro-2-butene	12.735	75	22878	18.889	ug/l	98
78) 4-Chlorotoluene	13.217	91	161150	20.008	ug/l	99
79) tert-butylbenzene	13.435	119	155215	20.197	ug/l	99
80) 1,2,4-Trimethylbenzene	13.482	105	186446	20.399	ug/l	99
81) sec-Butylbenzene	13.617	105	212421	20.077	ug/l	99
82) p-Isopropyltoluene	13.729	119	178265	20.018	ug/l	99
83) 1,3-Dichlorobenzene	13.729	146	96137	19.955	ug/l	98
84) 1,4-Dichlorobenzene	13.812	146	92714	19.380	ug/l	98
85) n-Butylbenzene	14.053	91	148207	19.215	ug/l	99
86) Hexachloroethane	14.335	117	34925	20.356	ug/l	98
87) 1,2-Dichlorobenzene	14.106	146	91342	19.610	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	14.717	75	12734	18.815	ug/l	97
89) 1,2,4-Trichlorobenzene	15.835	180	43683	18.038	ug/l	99
90) Hexachlorobutadiene	15.500	225	21663	19.335	ug/l	98
91) Naphthalene	15.641	128	137791	16.790	ug/l	100
92) 1,2,3-Trichlorobenzene	15.835	180	43683	18.038	ug/l	99

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

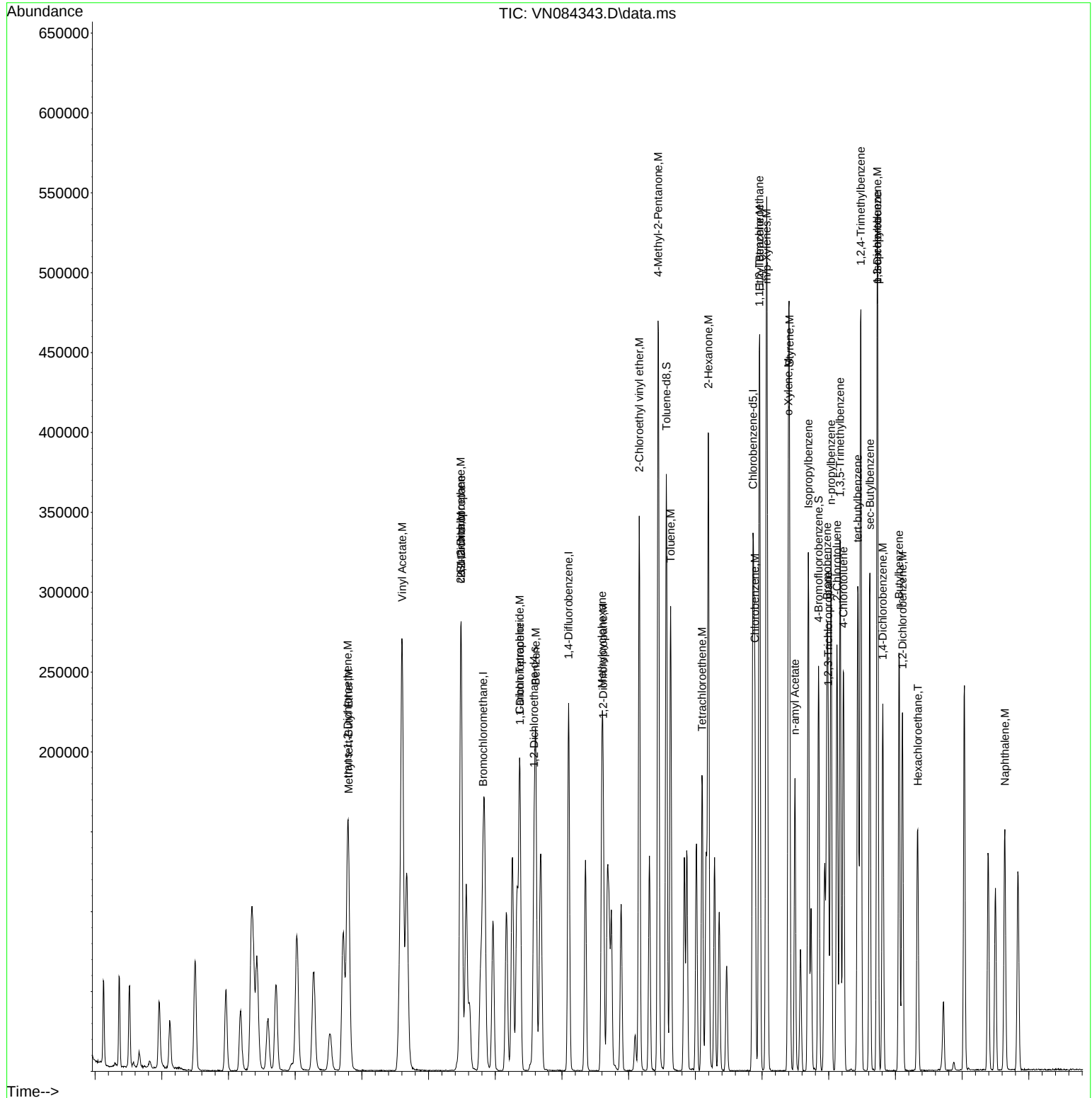
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100824\
Data File : VN084343.D
Acq On : 08 Oct 2024 12:09
Operator : JC\MD
Sample : VSTDICV020
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

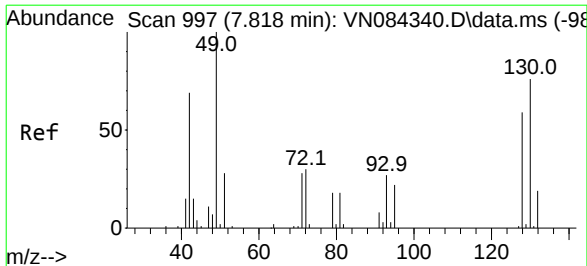
Instrument :
MSVOA_N
ClientSampleId :
ICVVN100824

Manual Integrations
APPROVED

Reviewed By : John Carlone 10/09/2024
Supervised By : Mahesh Dadoda 10/09/2024

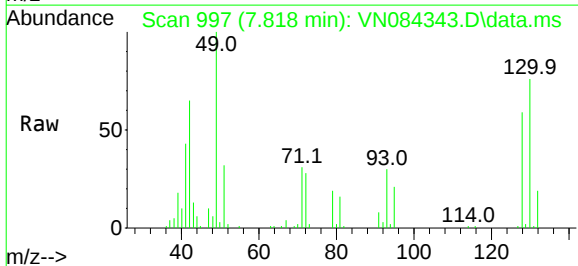
Quant Time: Oct 09 02:27:08 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N100824W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Oct 09 02:21:08 2024
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.818 min Scan# 997
Delta R.T. -0.000 min
Lab File: VN084343.D
Acq: 08 Oct 2024 12:09

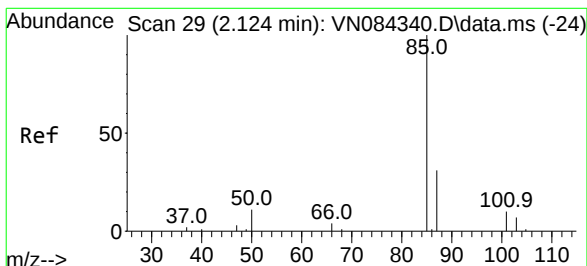
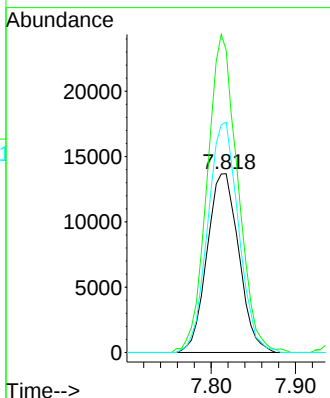
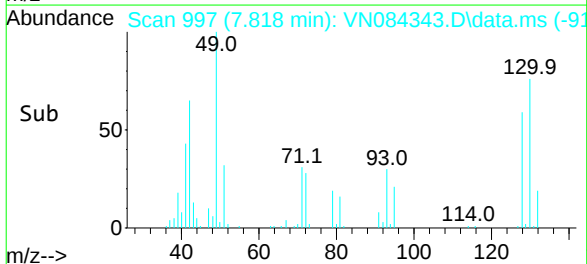
Instrument :
MSVOA_N
ClientSampleId :
ICVVN100824



Tgt Ion: 128 Resp: 35827
Ion Ratio Lower Upper
128 100
49 171.2 0.0 430.0
130 125.2 0.0 329.8

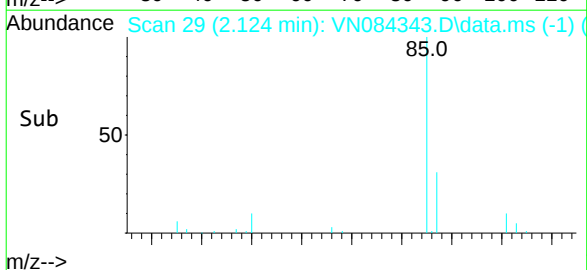
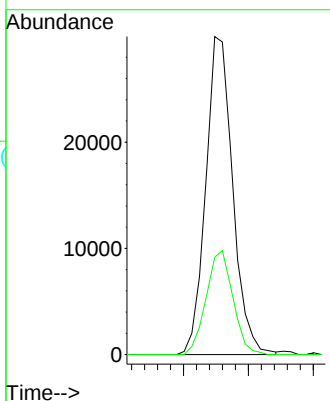
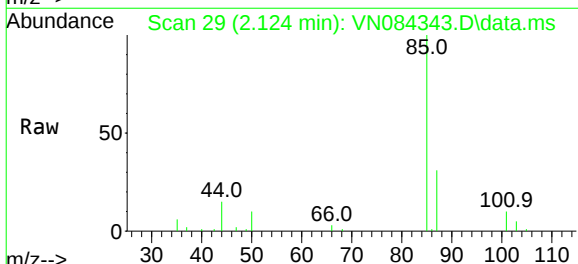
Manual Integrations
APPROVED

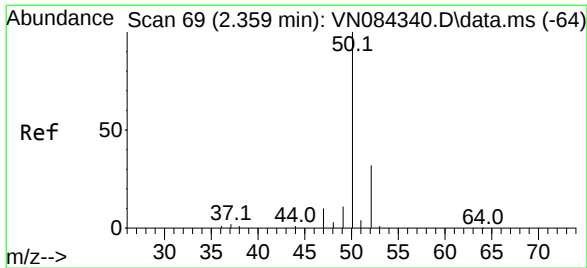
Reviewed By : John Carlone 10/09/2024
Supervised By : Mahesh Dadoda 10/09/2024



#2
Dichlorodifluoromethane
Concen: 19.774 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN084343.D
Acq: 08 Oct 2024 12:09

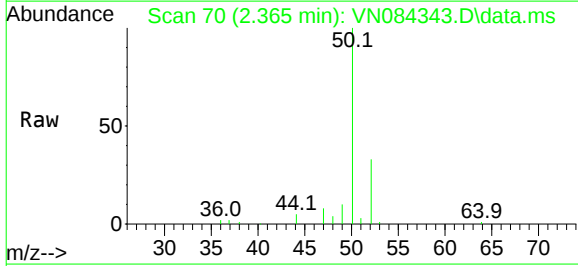
Tgt Ion: 85 Resp: 43254
Ion Ratio Lower Upper
85 100
87 30.6 15.4 46.4





#3
Chloromethane
Concen: 19.953 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN084343.D
Acq: 08 Oct 2024 12:09

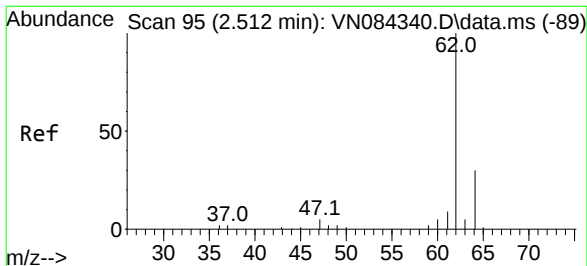
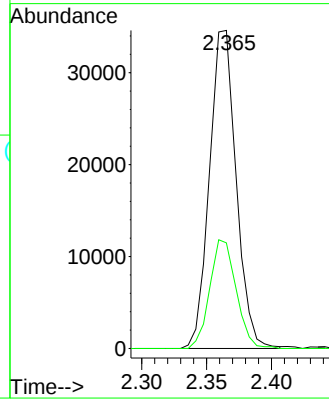
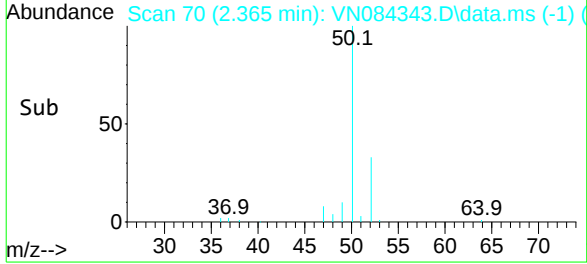
Instrument :
MSVOA_N
ClientSampleId :
ICVVN100824



Tgt Ion: 50 Resp: 49667
Ion Ratio Lower Upper
50 100
52 33.2 25.8 38.6

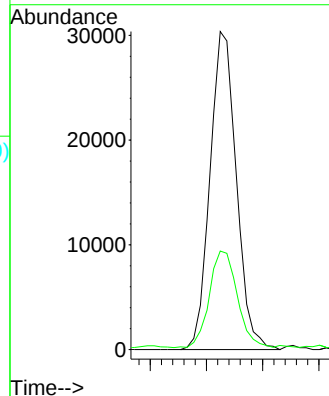
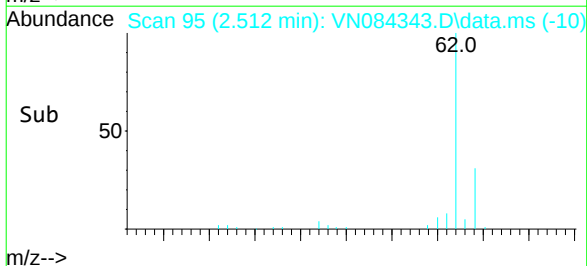
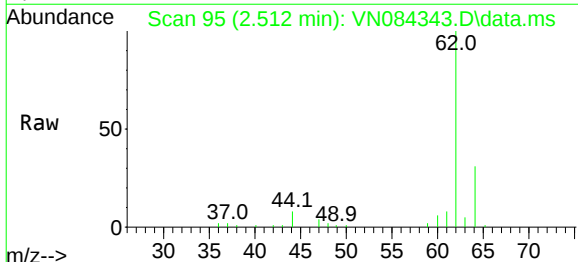
Manual Integrations
APPROVED

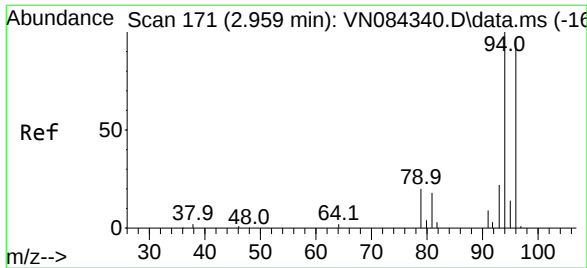
Reviewed By :John Carlone 10/09/2024
Supervised By :Mahesh Dadoda 10/09/2024



#4
Vinyl Chloride
Concen: 20.252 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN084343.D
Acq: 08 Oct 2024 12:09

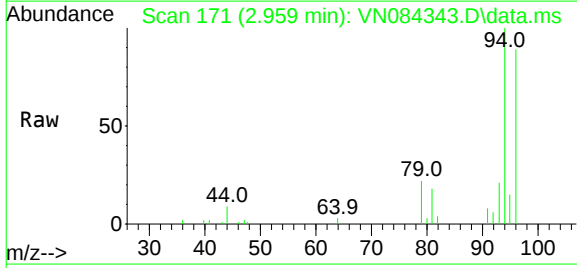
Tgt Ion: 62 Resp: 49435
Ion Ratio Lower Upper
62 100
64 30.1 24.3 36.5





#5
Bromomethane
Concen: 19.713 ug/l
RT: 2.959 min Scan# 171
Delta R.T. -0.000 min
Lab File: VN084343.D
Acq: 08 Oct 2024 12:09

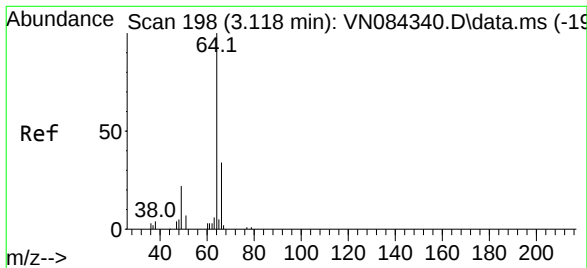
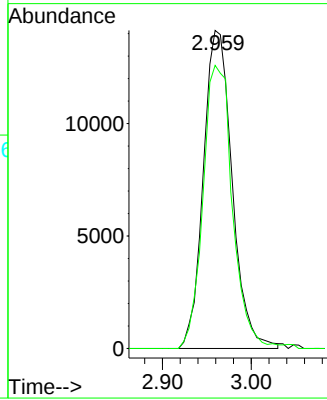
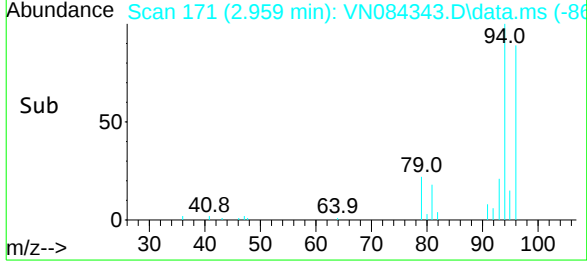
Instrument :
MSVOA_N
ClientSampleId :
ICVVN100824



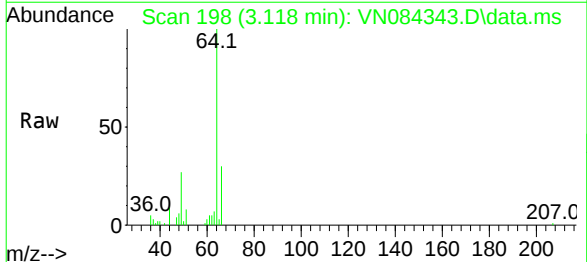
Tgt Ion: 94 Resp: 31882
Ion Ratio Lower Upper
94 100
96 89.0 76.7 115.1

Manual Integrations
APPROVED

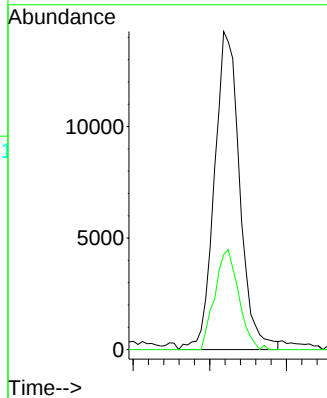
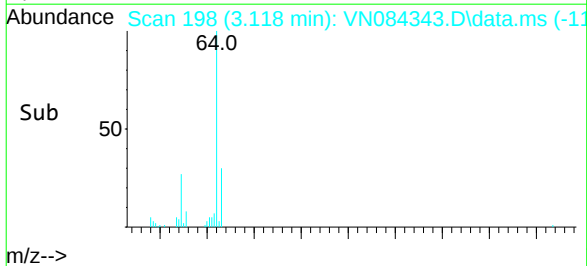
Reviewed By :John Carlone 10/09/2024
Supervised By :Mahesh Dadoda 10/09/2024

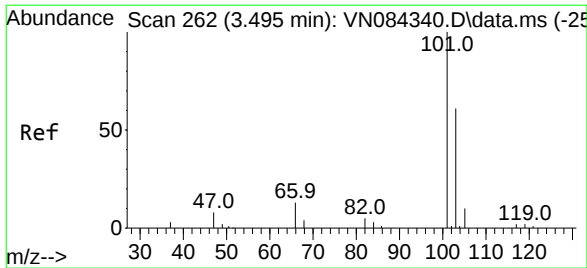


#6
Chloroethane
Concen: 20.448 ug/l
RT: 3.118 min Scan# 198
Delta R.T. -0.000 min
Lab File: VN084343.D
Acq: 08 Oct 2024 12:09



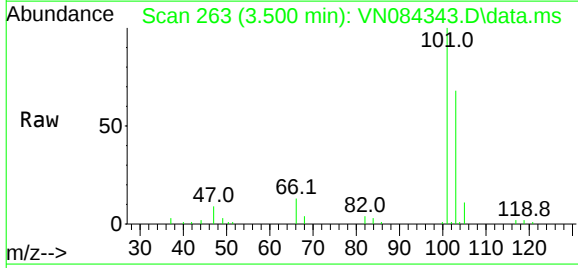
Tgt Ion: 64 Resp: 32723
Ion Ratio Lower Upper
64 100
66 29.8 27.7 41.5





#7
 Trichlorofluoromethane
 Concen: 19.412 ug/l
 RT: 3.500 min Scan# 262
 Delta R.T. 0.006 min
 Lab File: VN084343.D
 Acq: 08 Oct 2024 12:09

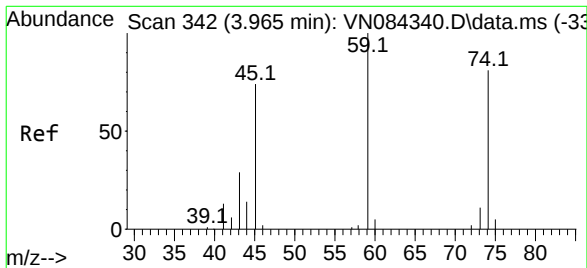
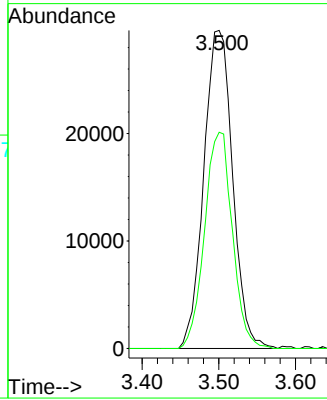
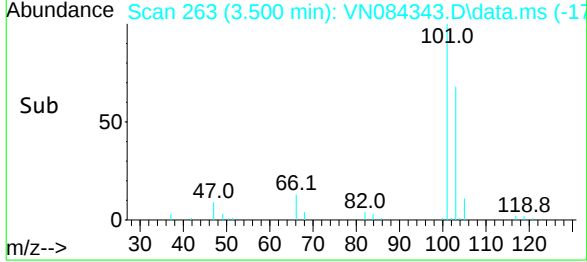
Instrument :
 MSVOA_N
 ClientSampleId :
 ICSVN100824



Tgt Ion: 101 Resp: 77185
 Ion Ratio Lower Upper
 101 100
 103 68.0 49.0 73.6

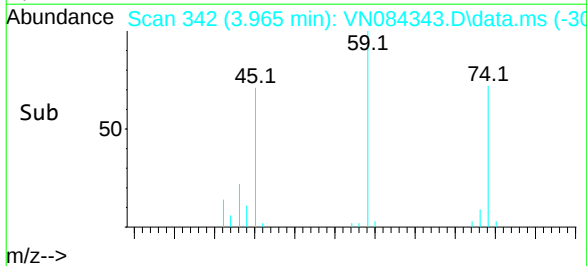
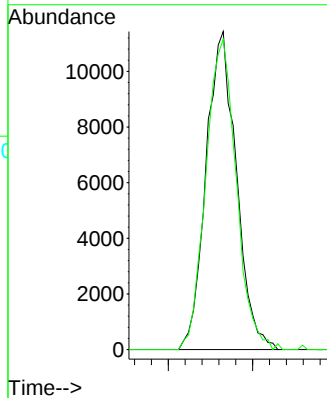
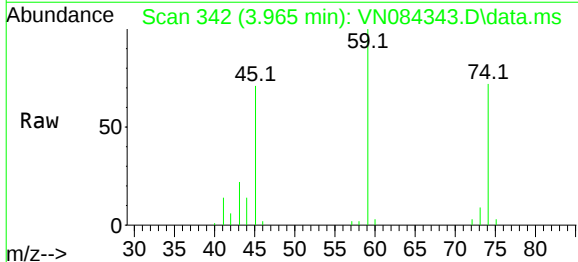
Manual Integrations
 APPROVED

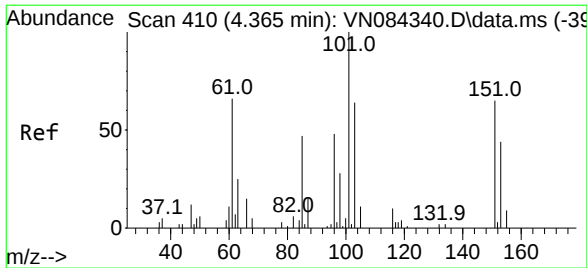
Reviewed By : John Carlone 10/09/2024
 Supervised By : Mahesh Dadoda 10/09/2024



#8
 Diethyl Ether
 Concen: 19.540 ug/l
 RT: 3.965 min Scan# 342
 Delta R.T. -0.000 min
 Lab File: VN084343.D
 Acq: 08 Oct 2024 12:09

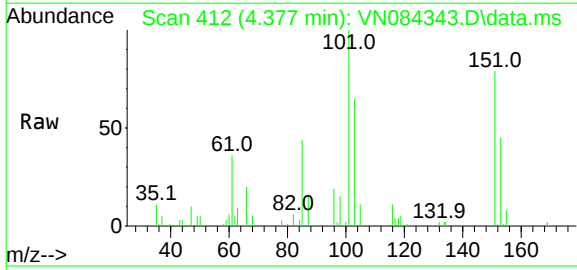
Tgt Ion: 74 Resp: 28565
 Ion Ratio Lower Upper
 74 100
 45 97.7 19.2 173.2





#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.532 ug/l
RT: 4.377 min Scan# 410
Delta R.T. 0.012 min
Lab File: VN084343.D
Acq: 08 Oct 2024 12:09

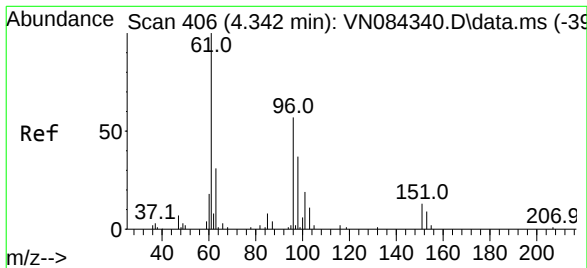
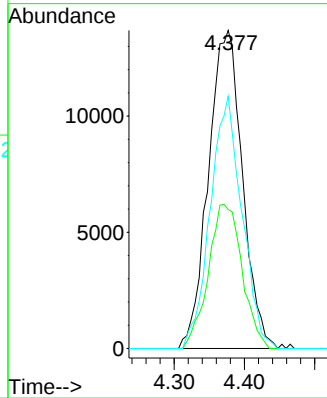
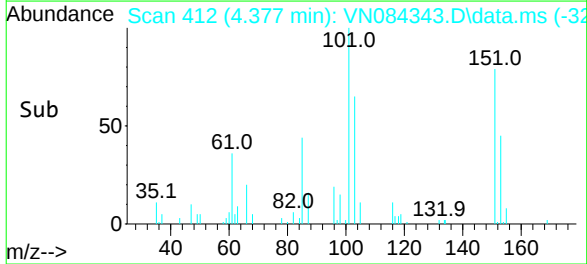
Instrument :
MSVOA_N
ClientSampleId :
ICVVN100824



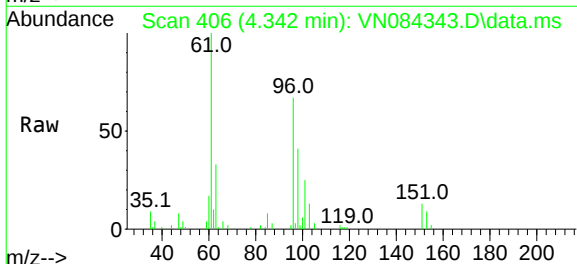
Tgt Ion: 101 Resp: 45902
Ion Ratio Lower Upper
101 100
85 45.1 0.0 93.6
151 74.2 0.0 151.8

Manual Integrations
APPROVED

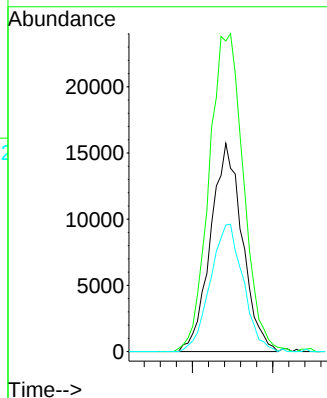
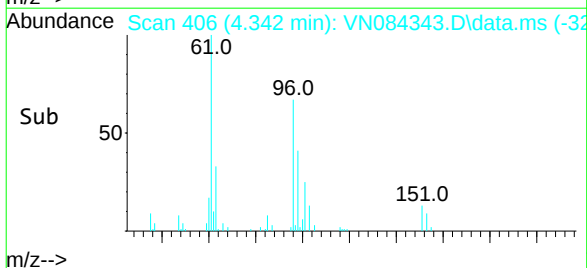
Reviewed By : John Carlone 10/09/2024
Supervised By : Mahesh Dadoda 10/09/2024

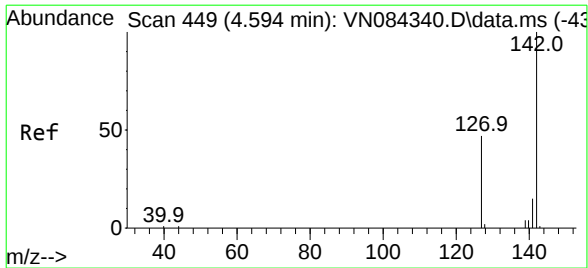


#10
1,1-Dichloroethene
Concen: 19.334 ug/l
RT: 4.342 min Scan# 406
Delta R.T. -0.000 min
Lab File: VN084343.D
Acq: 08 Oct 2024 12:09



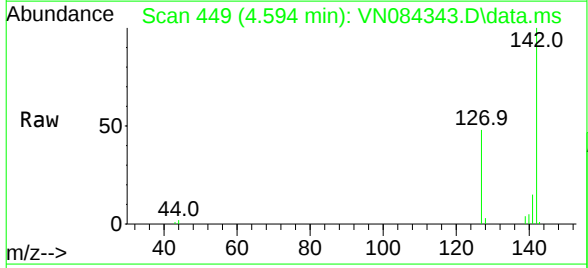
Tgt Ion: 96 Resp: 43131
Ion Ratio Lower Upper
96 100
61 147.7 140.8 211.2
98 60.8 52.2 78.2





#11
Methyl Iodide
Concen: 19.255 ug/l
RT: 4.594 min Scan# 44
Delta R.T. 0.000 min
Lab File: VN084343.D
Acq: 08 Oct 2024 12:09

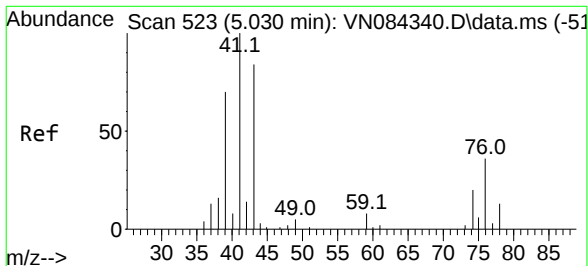
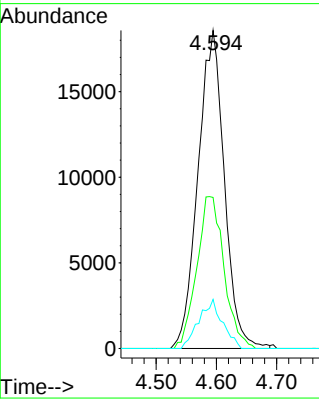
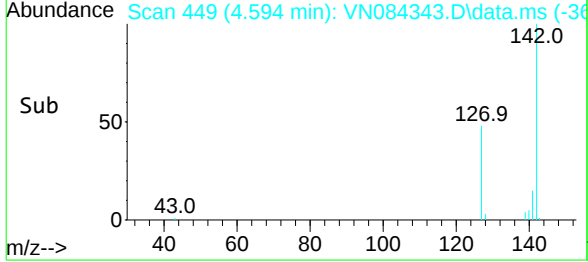
Instrument :
MSVOA_N
ClientSampleId :
ICVVN100824



Tgt Ion:	142	Resp:	56446
Ion	Ratio	Lower	Upper
142	100		
127	47.7	23.8	71.4
141	15.5	7.4	22.2

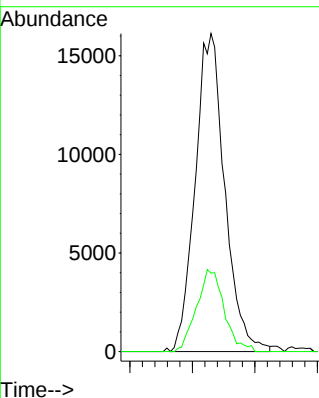
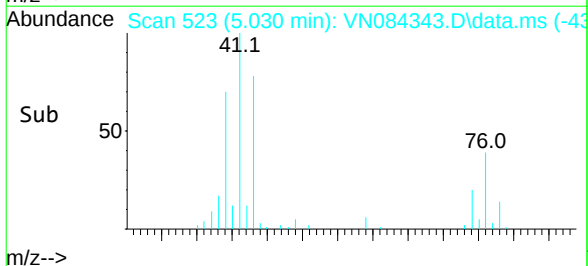
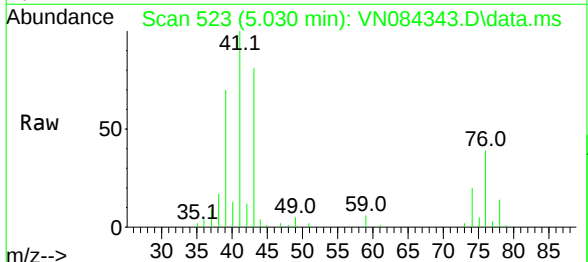
Manual Integrations
APPROVED

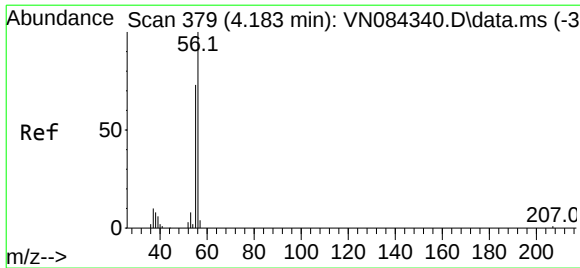
Reviewed By :John Carlone 10/09/2024
Supervised By :Mahesh Dadoda 10/09/2024



#12
Methyl Acetate
Concen: 18.975 ug/l
RT: 5.030 min Scan# 523
Delta R.T. 0.000 min
Lab File: VN084343.D
Acq: 08 Oct 2024 12:09

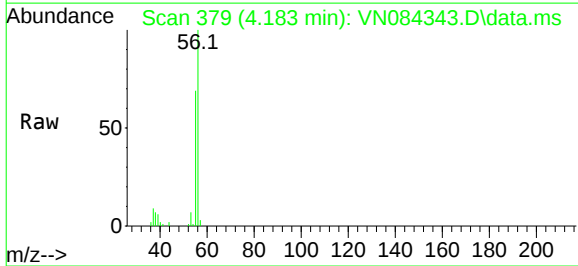
Tgt Ion:	43	Resp:	52991
Ion	Ratio	Lower	Upper
43	100		
74	24.9	19.4	29.2





#13
Acrolein
Concen: 94.270 ug/l
RT: 4.183 min Scan# 379
Delta R.T. -0.000 min
Lab File: VN084343.D
Acq: 08 Oct 2024 12:09

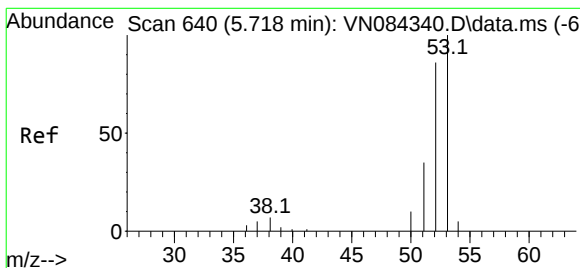
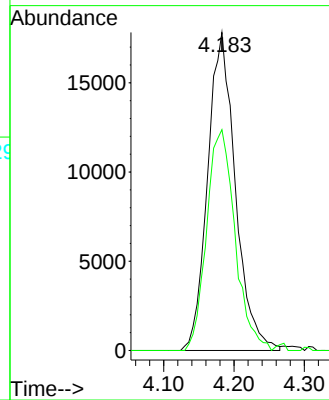
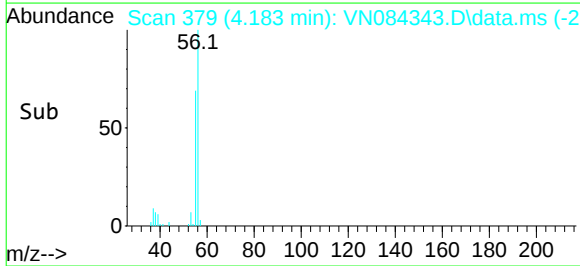
Instrument :
MSVOA_N
ClientSampleId :
ICVVN100824



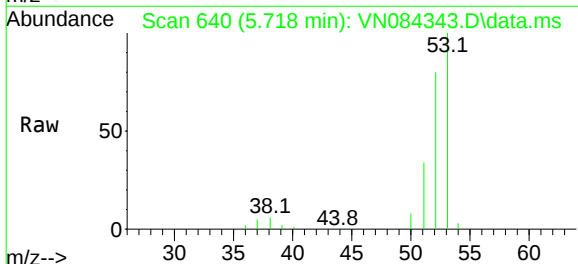
Tgt Ion: 56 Resp: 48906
Ion Ratio Lower Upper
56 100
55 70.9 56.4 84.6

Manual Integrations
APPROVED

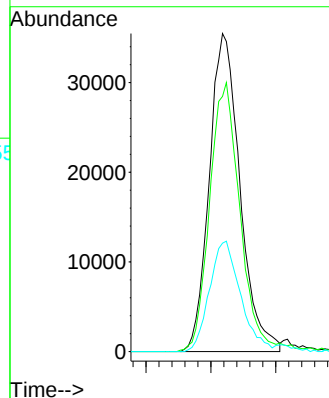
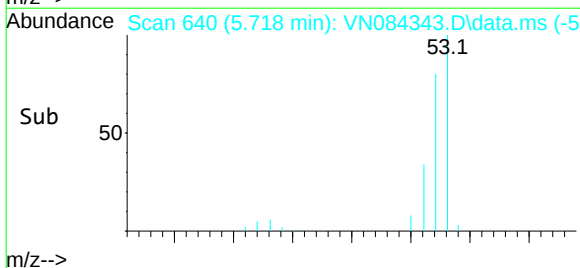
Reviewed By :John Carlone 10/09/2024
Supervised By :Mahesh Dadoda 10/09/2024

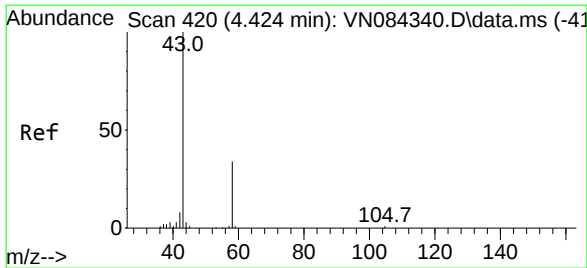


#14
Acrylonitrile
Concen: 92.817 ug/l
RT: 5.718 min Scan# 640
Delta R.T. 0.000 min
Lab File: VN084343.D
Acq: 08 Oct 2024 12:09



Tgt Ion: 53 Resp: 116456
Ion Ratio Lower Upper
53 100
52 82.6 40.4 121.2
51 35.0 17.8 53.4





#15

Acetone

Concen: 111.112 ug/l

RT: 4.430 min Scan# 42

Delta R.T. 0.006 min

Lab File: VN084343.D

Acq: 08 Oct 2024 12:09

Instrument :

MSVOA_N

ClientSampleId :

ICVVN100824

Tgt Ion: 58 Resp: 39824

Ion Ratio Lower Upper

58 100

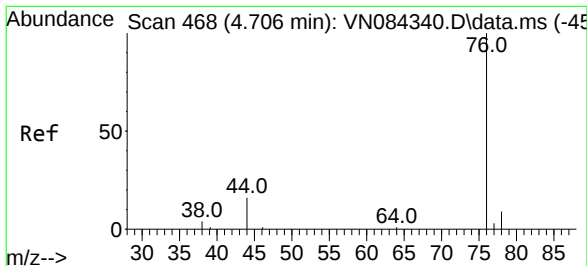
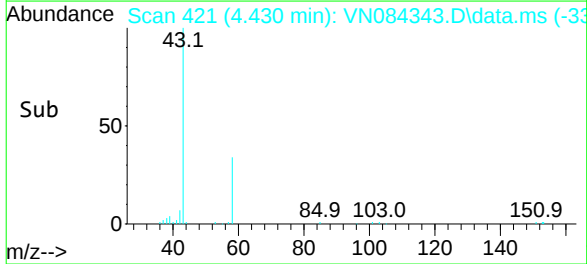
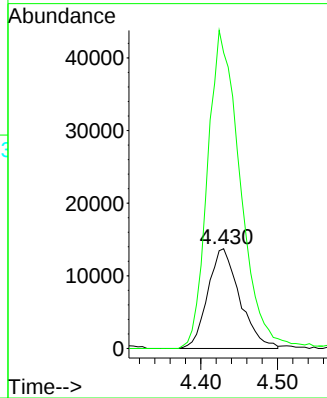
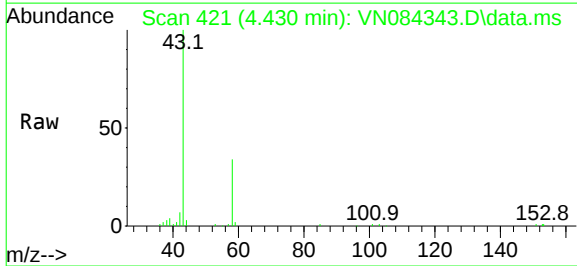
43 296.4 237.5 356.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/09/2024

Supervised By :Mahesh Dadoda 10/09/2024



#16

Carbon Disulfide

Concen: 19.006 ug/l

RT: 4.712 min Scan# 469

Delta R.T. 0.006 min

Lab File: VN084343.D

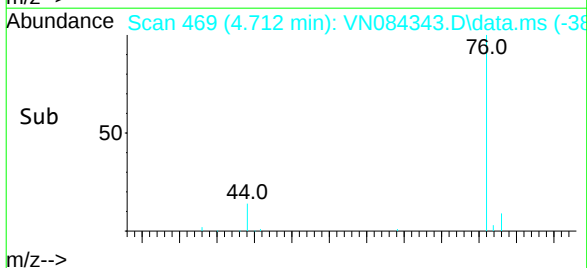
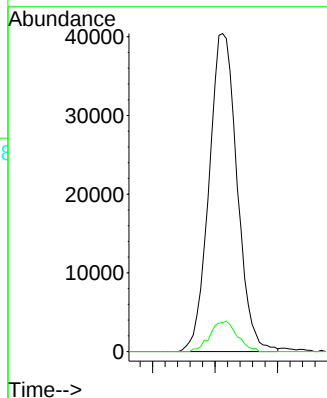
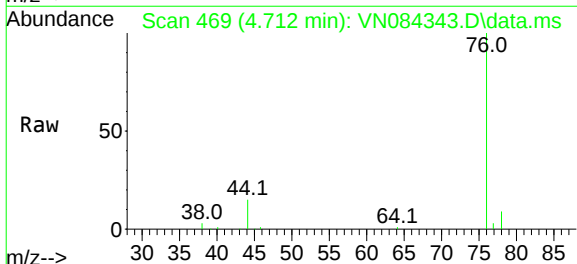
Acq: 08 Oct 2024 12:09

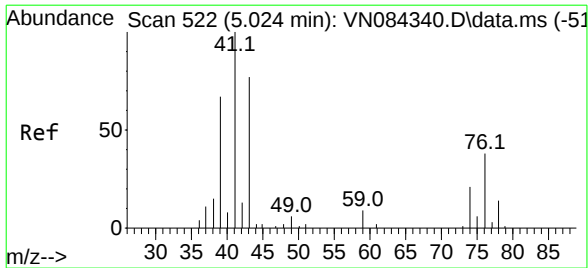
Tgt Ion: 76 Resp: 126253

Ion Ratio Lower Upper

76 100

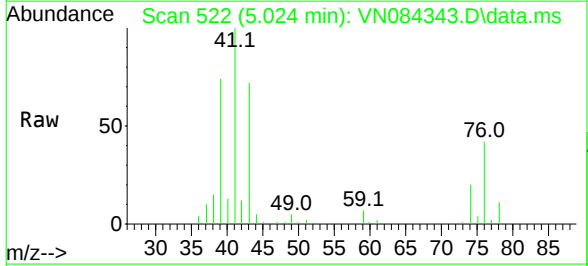
78 9.1 7.1 10.7





#17
 Allyl chloride
 Concen: 19.060 ug/l
 RT: 5.024 min Scan# 52
 Delta R.T. 0.000 min
 Lab File: VN084343.D
 Acq: 08 Oct 2024 12:09

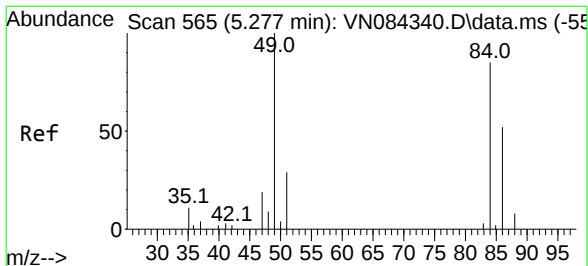
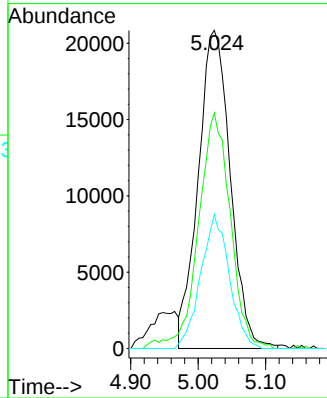
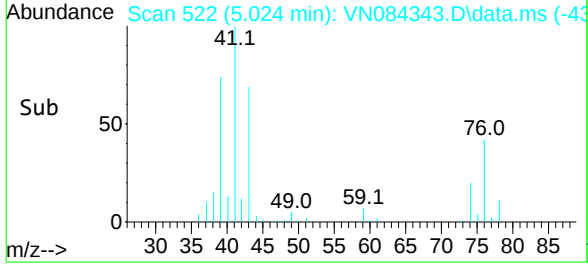
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN100824



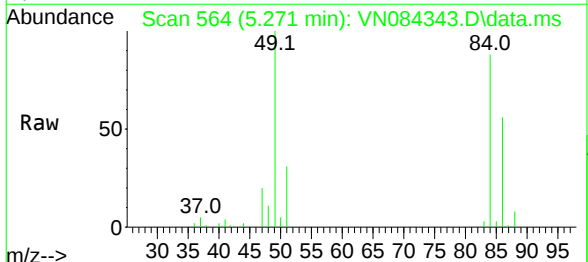
Tgt Ion:	41	Resp:	68924
Ion	Ratio	Lower	Upper
41	100		
39	74.8	31.4	94.3
76	42.5	17.8	53.5

Manual Integrations
 APPROVED

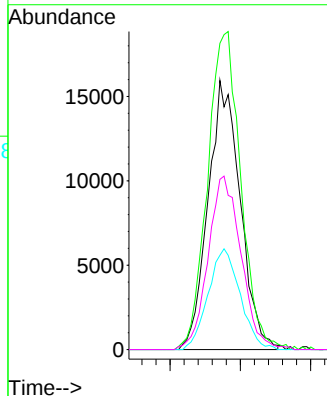
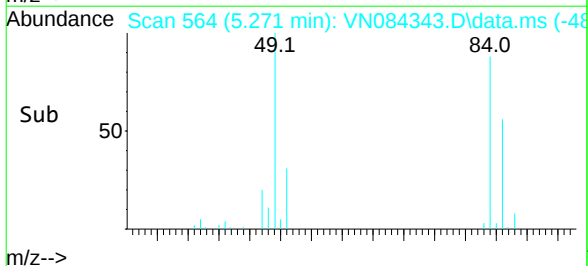
Reviewed By :John Carlone 10/09/2024
 Supervised By :Mahesh Dadoda 10/09/2024

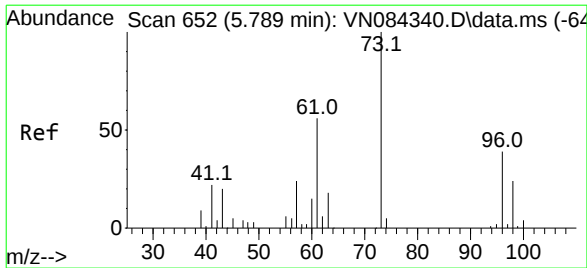


#18
 Methylene Chloride
 Concen: 20.135 ug/l
 RT: 5.271 min Scan# 564
 Delta R.T. -0.006 min
 Lab File: VN084343.D
 Acq: 08 Oct 2024 12:09



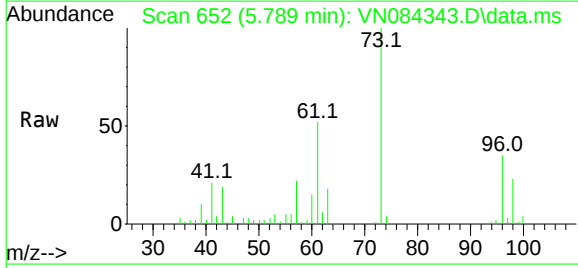
Tgt Ion:	84	Resp:	50598
Ion	Ratio	Lower	Upper
84	100		
49	112.6	94.6	142.0
51	35.0	27.3	40.9
86	62.2	49.4	74.0





#19
trans-1,2-Dichloroethene
Concen: 19.434 ug/l
RT: 5.789 min Scan# 652
Delta R.T. 0.000 min
Lab File: VN084343.D
Acq: 08 Oct 2024 12:09

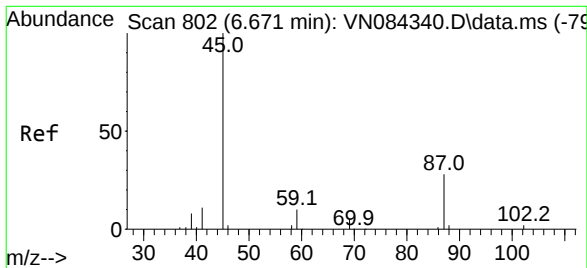
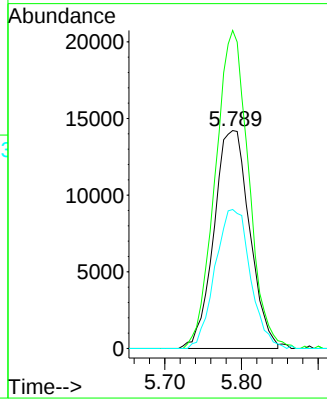
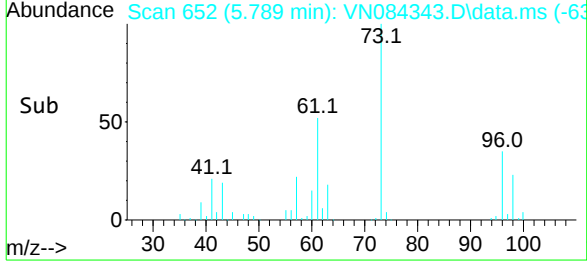
Instrument :
MSVOA_N
ClientSampleId :
ICVVN100824



Tgt Ion: 96 Resp: 45883
Ion Ratio Lower Upper
96 100
61 146.0 115.8 173.6
98 63.8 49.4 74.0

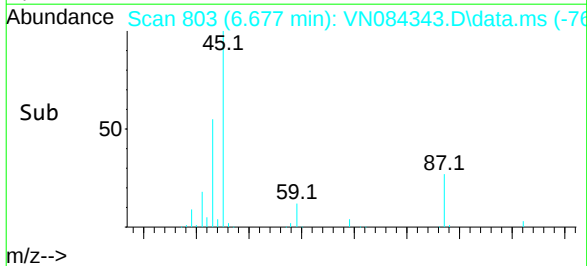
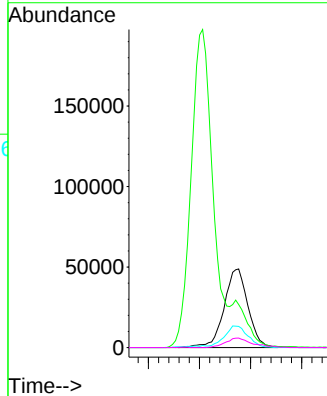
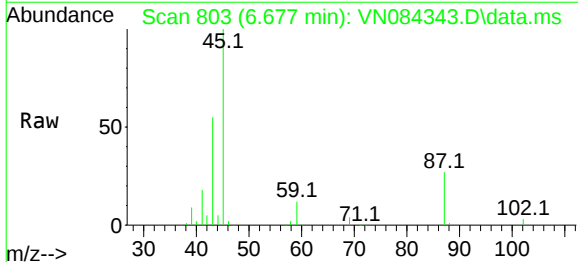
Manual Integrations
APPROVED

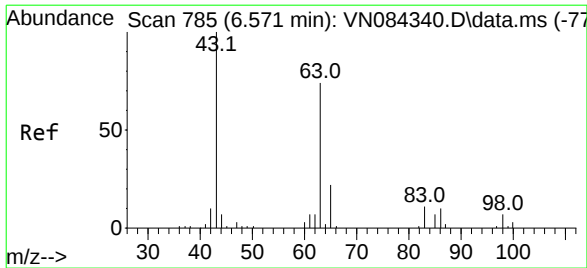
Reviewed By :John Carlone 10/09/2024
Supervised By :Mahesh Dadoda 10/09/2024



#20
Diisopropyl ether
Concen: 20.360 ug/l
RT: 6.677 min Scan# 803
Delta R.T. 0.006 min
Lab File: VN084343.D
Acq: 08 Oct 2024 12:09

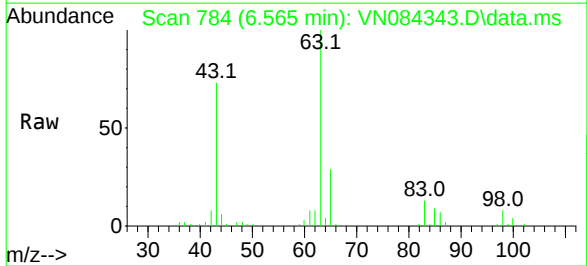
Tgt Ion: 45 Resp: 158301
Ion Ratio Lower Upper
45 100
43 53.3 43.7 65.5
87 26.9 23.1 34.7
59 11.8 8.2 12.4





#21
1,1-Dichloroethane
Concen: 19.948 ug/l
RT: 6.565 min Scan# 78
Delta R.T. -0.006 min
Lab File: VN084343.D
Acq: 08 Oct 2024 12:09

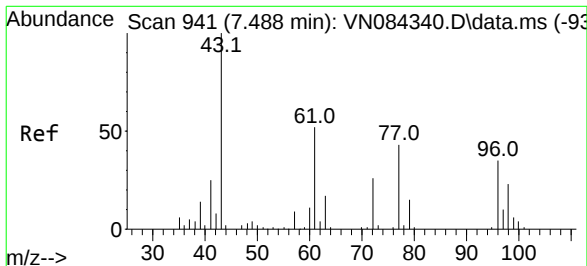
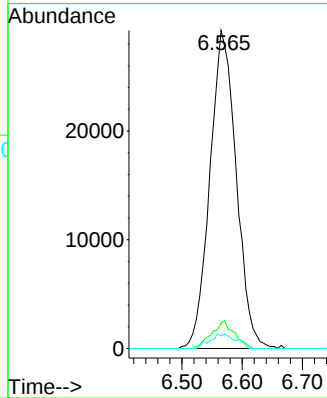
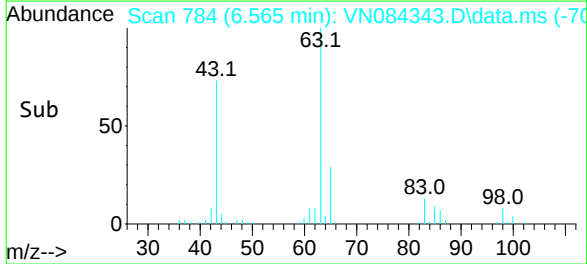
Instrument :
MSVOA_N
ClientSampleId :
ICVVN100824



Tgt Ion: 63 Resp: 88993
Ion Ratio Lower Upper
63 100
98 8.0 4.5 13.4
100 3.9 2.1 6.3

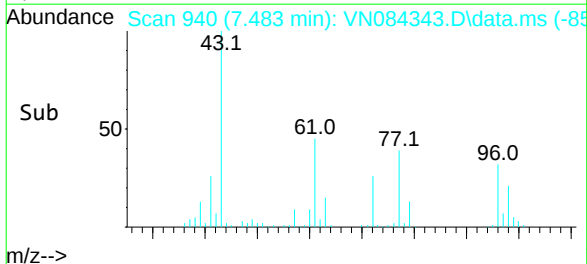
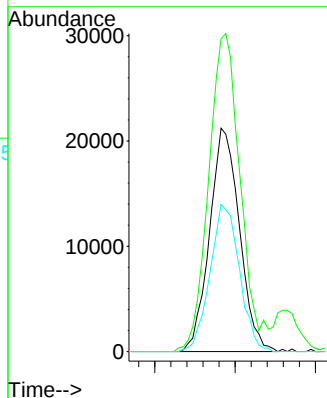
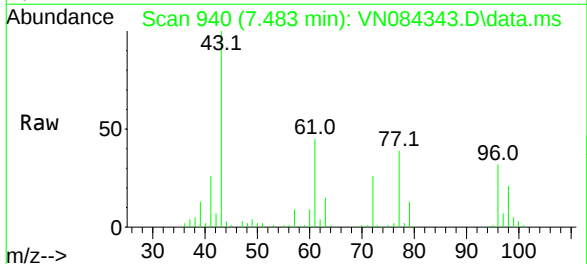
Manual Integrations
APPROVED

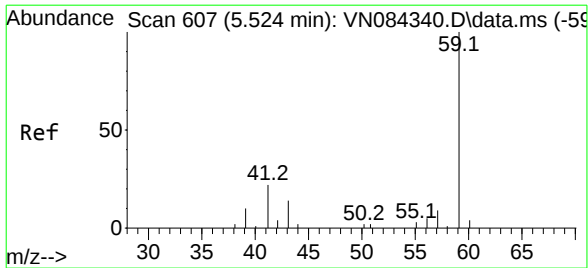
Reviewed By :John Carlone 10/09/2024
Supervised By :Mahesh Dadoda 10/09/2024



#22
cis-1,2-Dichloroethene
Concen: 19.943 ug/l
RT: 7.483 min Scan# 940
Delta R.T. -0.006 min
Lab File: VN084343.D
Acq: 08 Oct 2024 12:09

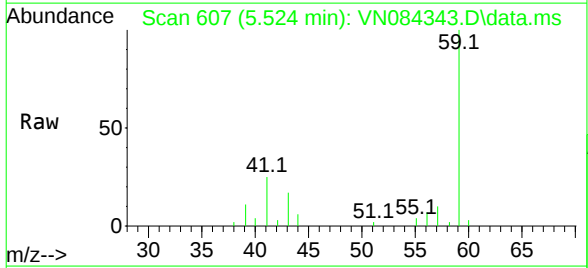
Tgt Ion: 96 Resp: 54789
Ion Ratio Lower Upper
96 100
61 147.5 118.0 177.0
98 64.9 51.8 77.8





#23
tert-Butyl Alcohol
Concen: 89.659 ug/l
RT: 5.524 min Scan# 607
Delta R.T. 0.000 min
Lab File: VN084343.D
Acq: 08 Oct 2024 12:09

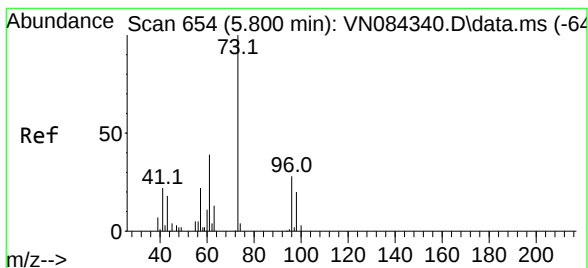
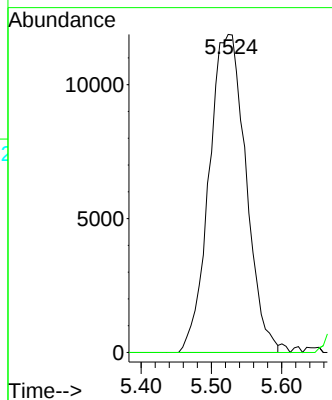
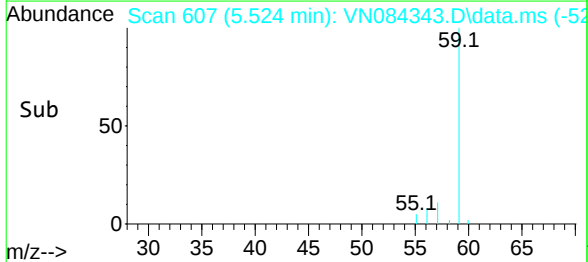
Instrument :
MSVOA_N
ClientSampleId :
ICVVN100824



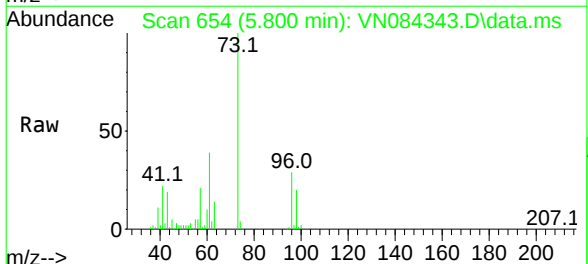
Tgt Ion: 59 Resp: 43150
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

Manual Integrations
APPROVED

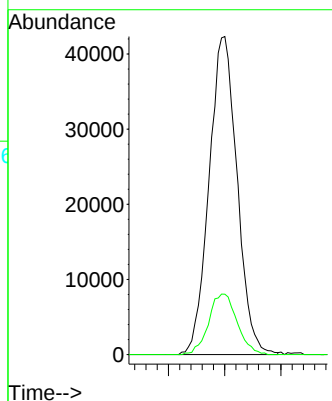
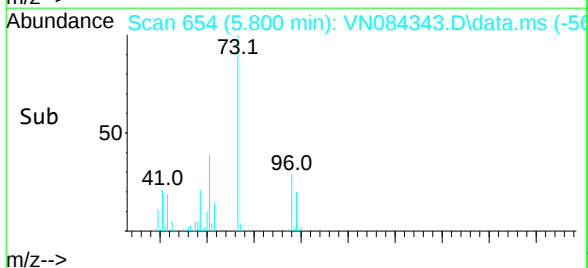
Reviewed By :John Carlone 10/09/2024
Supervised By :Mahesh Dadoda 10/09/2024

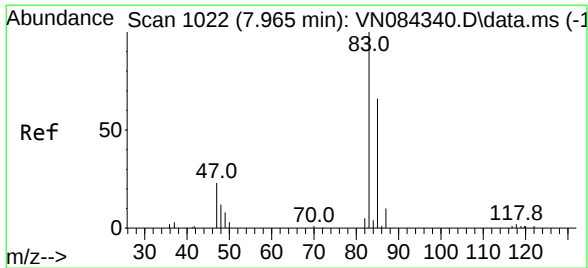


#24
Methyl tert-Butyl Ether
Concen: 19.696 ug/l
RT: 5.800 min Scan# 654
Delta R.T. 0.000 min
Lab File: VN084343.D
Acq: 08 Oct 2024 12:09



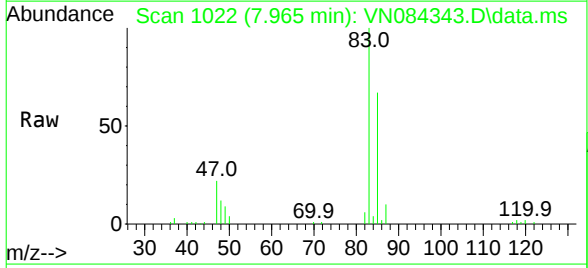
Tgt Ion: 73 Resp: 146831
Ion Ratio Lower Upper
73 100
43 19.2 10.9 16.3#





#25
Chloroform
Concen: 20.334 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. 0.000 min
Lab File: VN084343.D
Acq: 08 Oct 2024 12:09

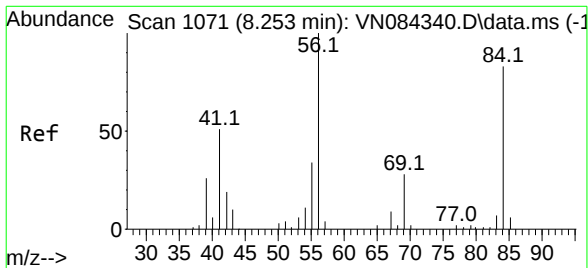
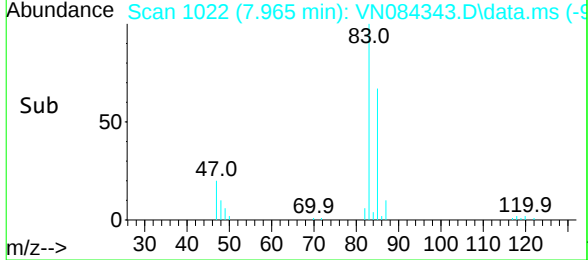
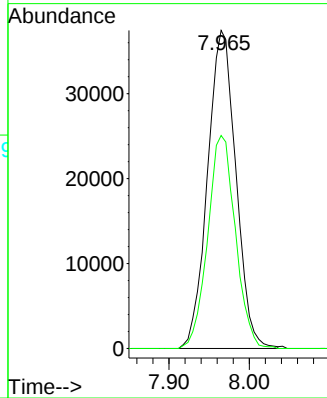
Instrument :
MSVOA_N
ClientSampleId :
ICVVN100824



Tgt Ion: 83 Resp: 91875
Ion Ratio Lower Upper
83 100
85 67.0 52.4 78.6

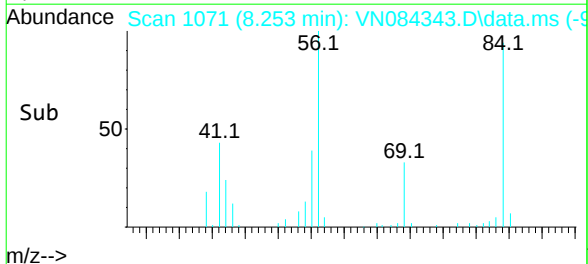
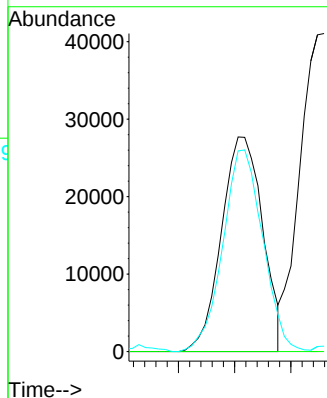
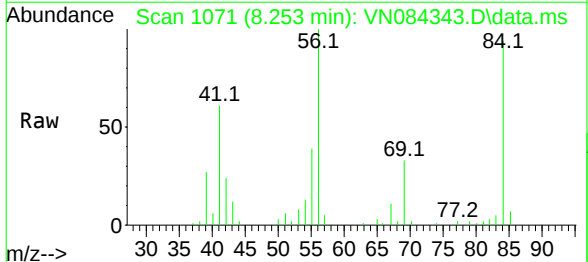
Manual Integrations
APPROVED

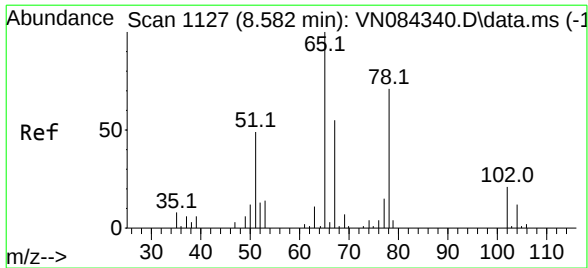
Reviewed By :John Carlone 10/09/2024
Supervised By :Mahesh Dadoda 10/09/2024



#26
Cyclohexane
Concen: 18.931 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. 0.000 min
Lab File: VN084343.D
Acq: 08 Oct 2024 12:09

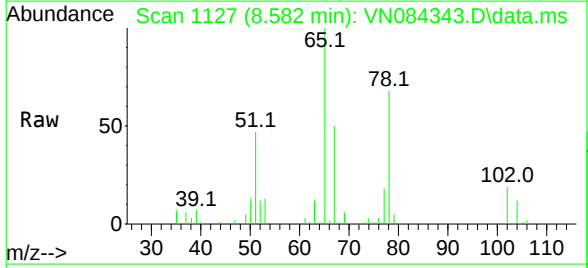
Tgt Ion: 56 Resp: 70636
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 91.3 67.0 100.6





#27
1,2-Dichloroethane-d4
Concen: 30.009 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VN084343.D
Acq: 08 Oct 2024 12:09

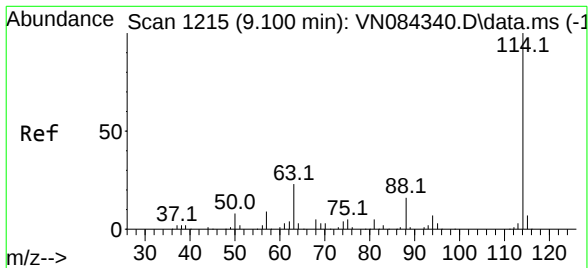
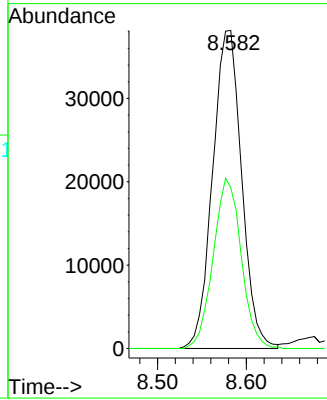
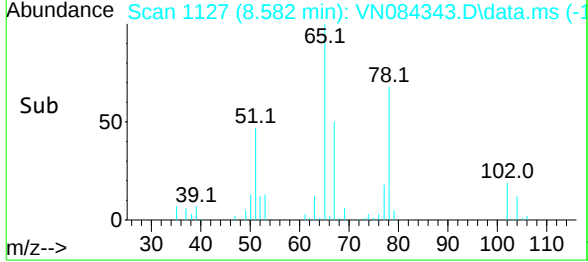
Instrument :
MSVOA_N
ClientSampleId :
ICVVN100824



Tgt Ion: 65 Resp: 86558
Ion Ratio Lower Upper
65 100
67 51.6 41.5 62.3

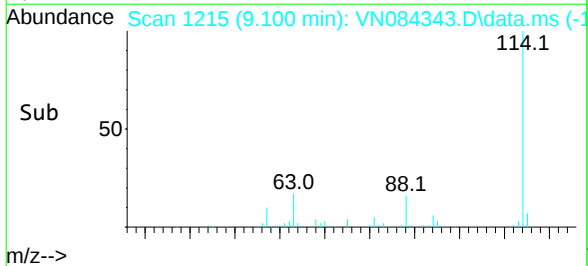
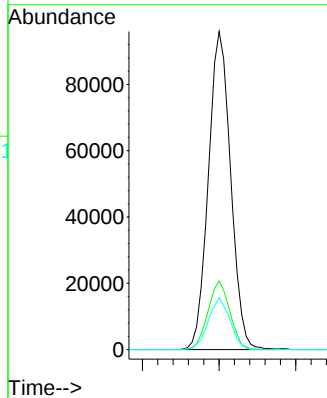
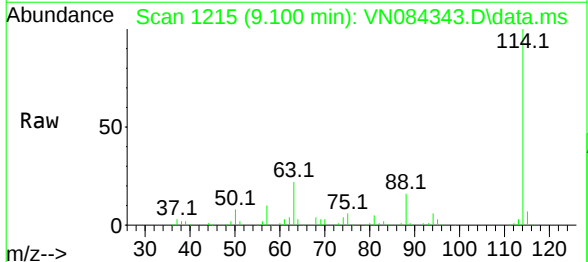
Manual Integrations
APPROVED

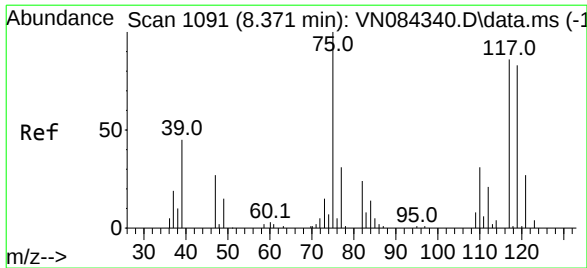
Reviewed By :John Carlone 10/09/2024
Supervised By :Mahesh Dadoda 10/09/2024



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. 0.000 min
Lab File: VN084343.D
Acq: 08 Oct 2024 12:09

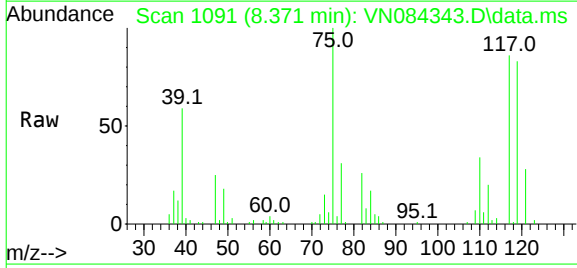
Tgt Ion:114 Resp: 193781
Ion Ratio Lower Upper
114 100
63 21.1 17.4 26.0
88 15.8 13.2 19.8





#29
1,1-Dichloropropene
Concen: 20.028 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.000 min
Lab File: VN084343.D
Acq: 08 Oct 2024 12:09

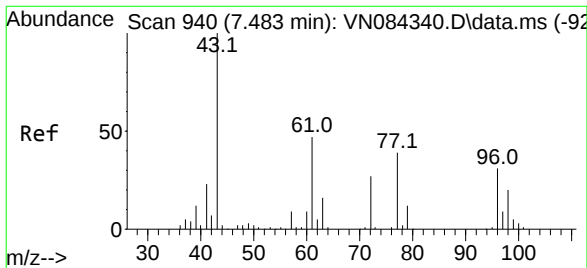
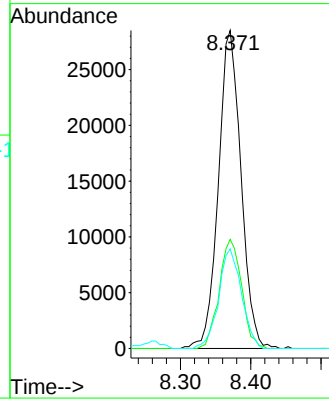
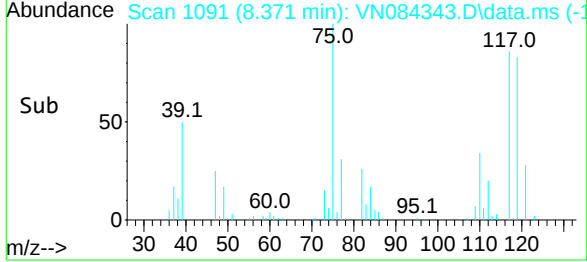
Instrument :
MSVOA_N
ClientSampleId :
ICVVN100824



Tgt Ion: 75 Resp: 63709
Ion Ratio Lower Upper
75 100
110 34.0 0.0 67.6
77 31.6 0.0 61.4

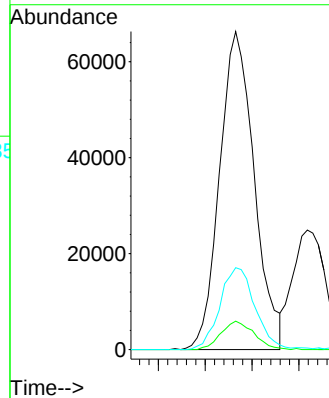
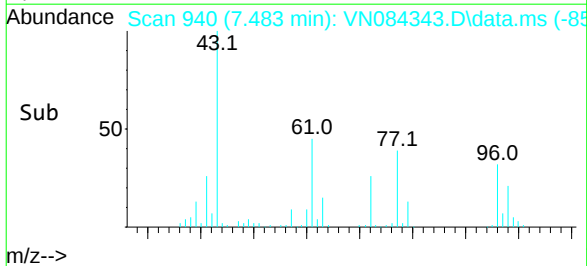
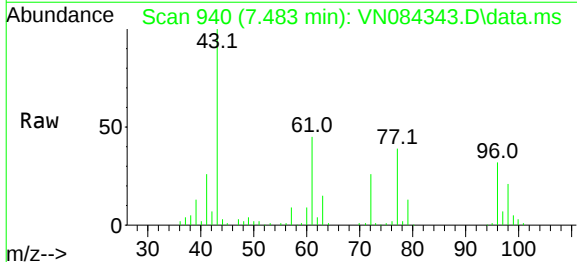
Manual Integrations
APPROVED

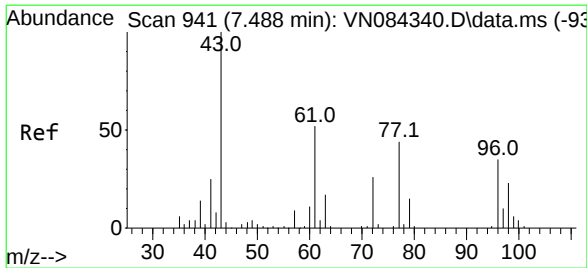
Reviewed By :John Carlone 10/09/2024
Supervised By :Mahesh Dadoda 10/09/2024



#30
2-Butanone
Concen: 100.675 ug/l
RT: 7.483 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN084343.D
Acq: 08 Oct 2024 12:09

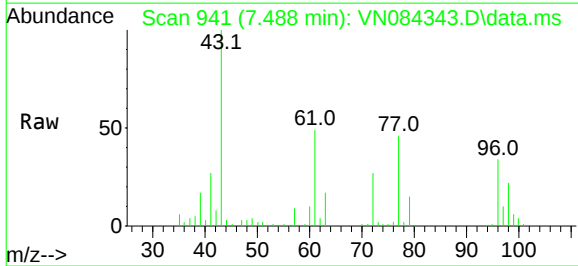
Tgt Ion: 43 Resp: 170510
Ion Ratio Lower Upper
43 100
57 8.5 6.6 9.8
72 26.0 21.3 31.9





#31
2,2-Dichloropropane
Concen: 21.007 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.000 min
Lab File: VN084343.D
Acq: 08 Oct 2024 12:09

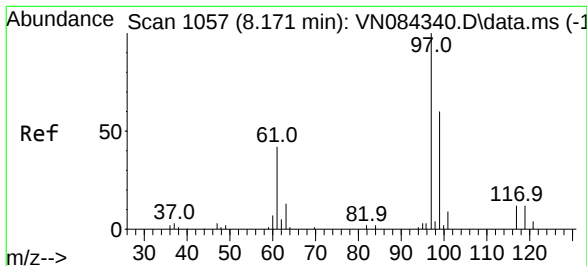
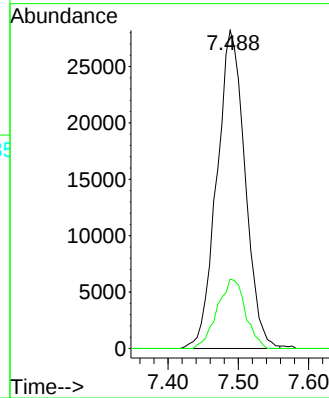
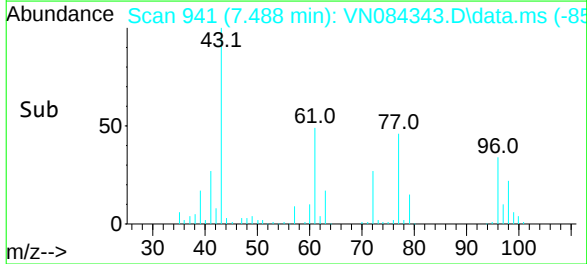
Instrument :
MSVOA_N
ClientSampleId :
ICVVN100824



Tgt Ion: 77 Resp: 78528
Ion Ratio Lower Upper
77 100
97 21.7 11.5 17.3#

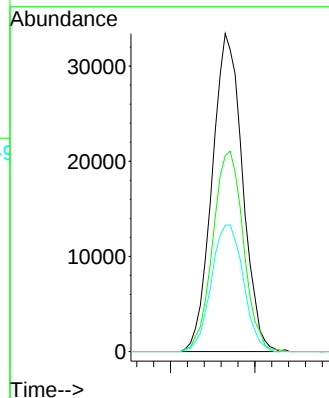
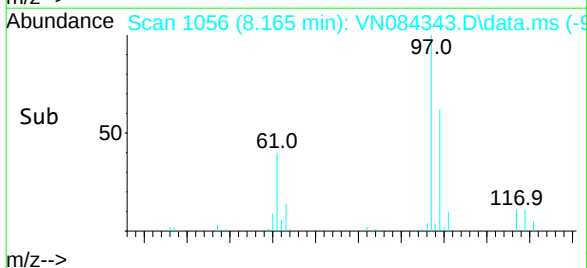
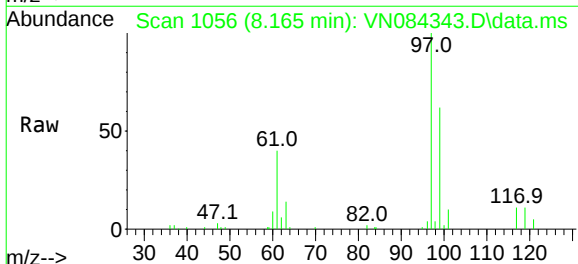
Manual Integrations
APPROVED

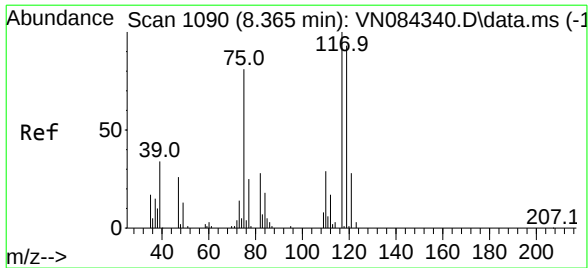
Reviewed By :John Carlone 10/09/2024
Supervised By :Mahesh Dadoda 10/09/2024



#32
1,1,1-Trichloroethane
Concen: 20.543 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VN084343.D
Acq: 08 Oct 2024 12:09

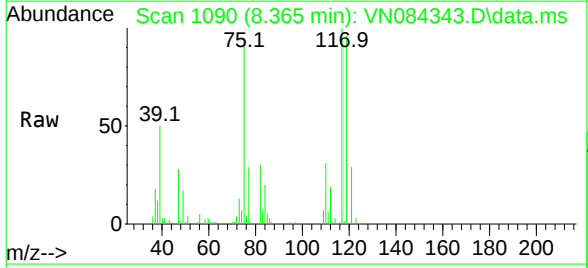
Tgt Ion: 97 Resp: 83527
Ion Ratio Lower Upper
97 100
99 63.5 51.2 76.8
61 41.9 34.1 51.1





#33
Carbon Tetrachloride
Concen: 20.040 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VN084343.D
Acq: 08 Oct 2024 12:09

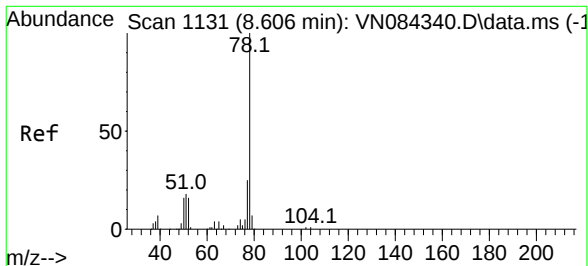
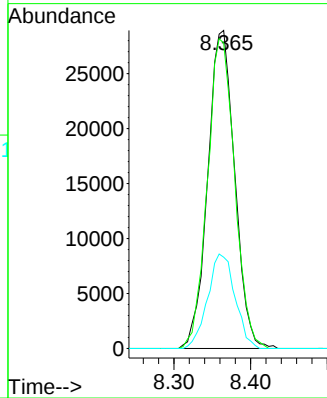
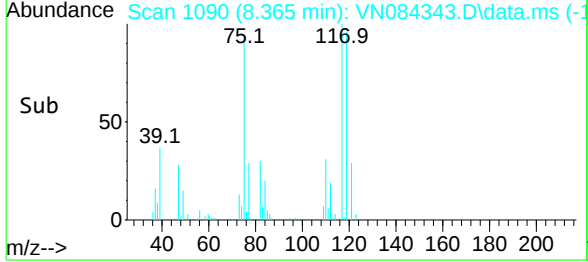
Instrument : MSVOA_N
ClientSampleId : ICVVN100824



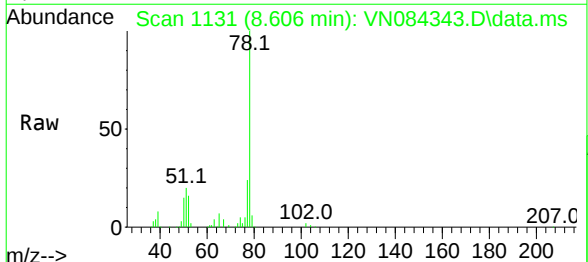
Tgt Ion: 117 Resp: 70593
Ion Ratio Lower Upper
117 100
119 96.0 74.3 111.5
121 28.7 22.4 33.6

Manual Integrations
APPROVED

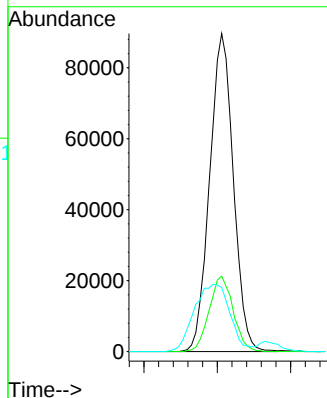
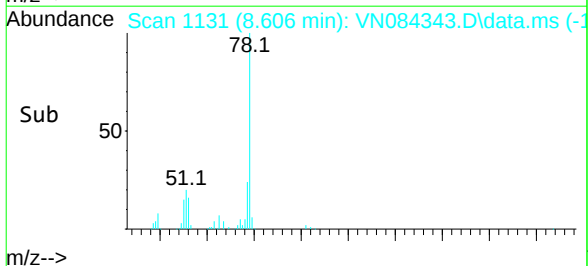
Reviewed By :John Carlone 10/09/2024
Supervised By :Mahesh Dadoda 10/09/2024

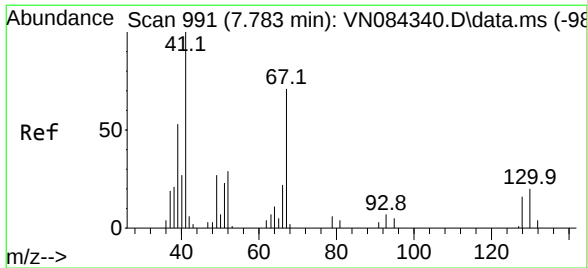


#34
Benzene
Concen: 20.195 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VN084343.D
Acq: 08 Oct 2024 12:09



Tgt Ion: 78 Resp: 201095
Ion Ratio Lower Upper
78 100
77 23.7 19.6 29.4
51 18.7 15.8 23.6





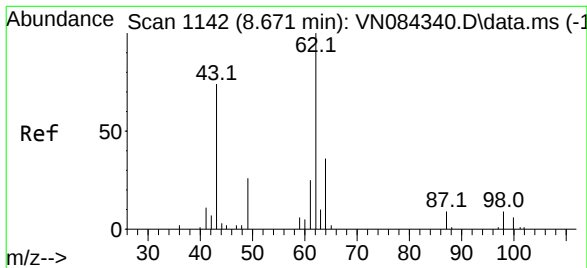
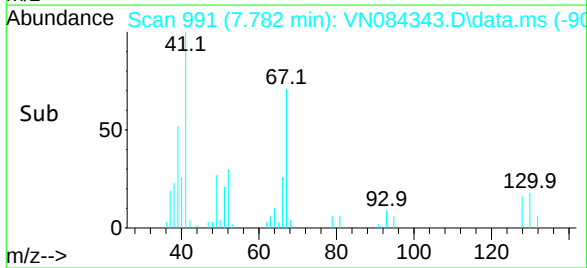
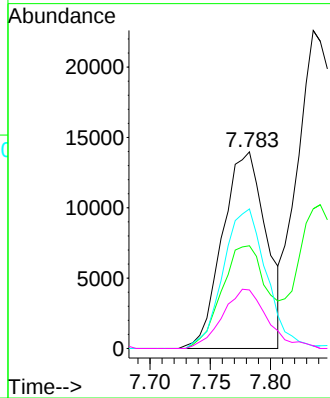
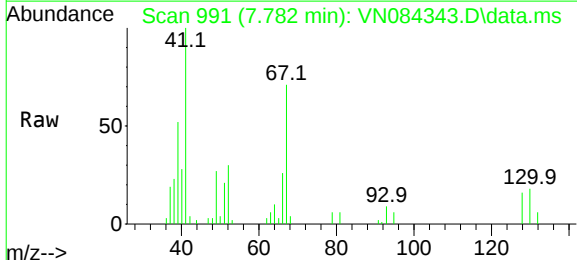
#35
Methacrylonitrile
Concen: 19.515 ug/l
RT: 7.782 min Scan# 991
Delta R.T. -0.000 min
Lab File: VN084343.D
Acq: 08 Oct 2024 12:09

Instrument :
MSVOA_N
ClientSampleId :
ICVVN100824

Tgt Ion: 41 Resp: 35261
Ion Ratio Lower Upper
41 100
39 52.3 26.4 79.0
67 71.0 35.7 107.1
52 29.8 14.5 43.5

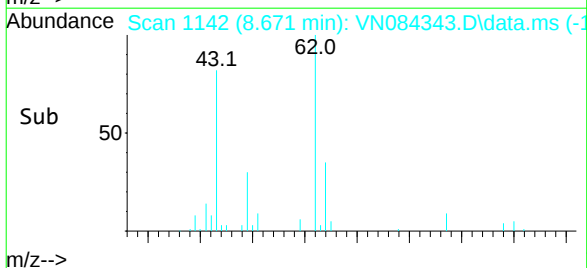
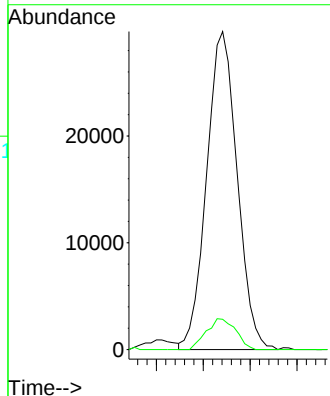
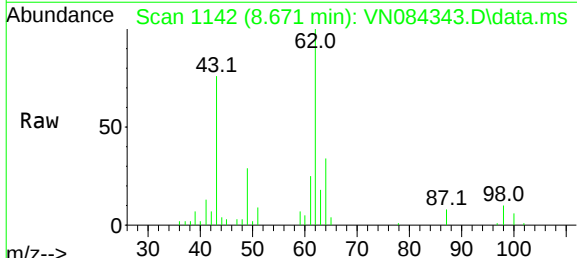
Manual Integrations
APPROVED

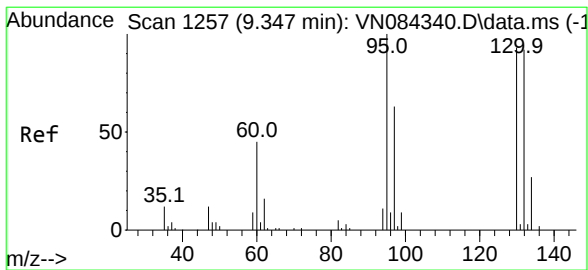
Reviewed By :John Carlone 10/09/2024
Supervised By :Mahesh Dadoda 10/09/2024



#36
1,2-Dichloroethane
Concen: 20.321 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN084343.D
Acq: 08 Oct 2024 12:09

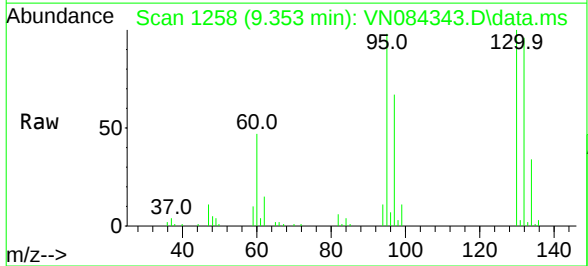
Tgt Ion: 62 Resp: 67448
Ion Ratio Lower Upper
62 100
98 9.3 7.3 10.9





#37
Trichloroethene
Concen: 20.265 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.006 min
Lab File: VN084343.D
Acq: 08 Oct 2024 12:09

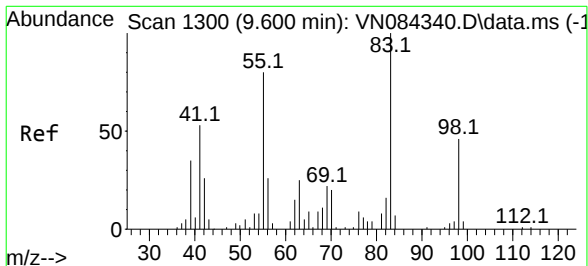
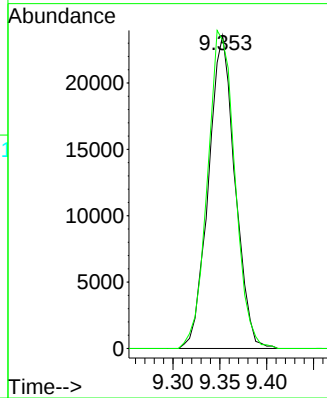
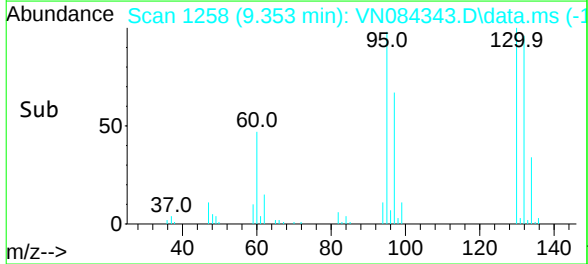
Instrument :
MSVOA_N
ClientSampleId :
ICVVN100824



Tgt Ion:130 Resp: 46466
Ion Ratio Lower Upper
130 100
95 98.4 85.8 128.6

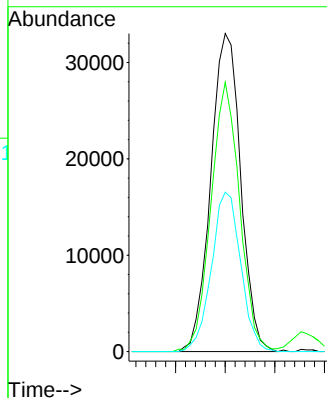
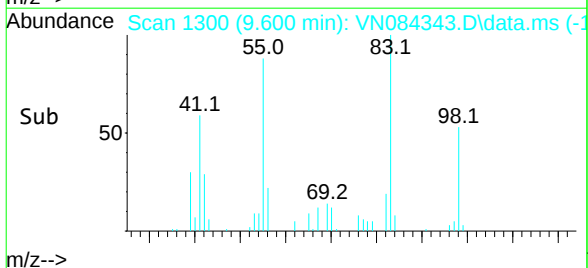
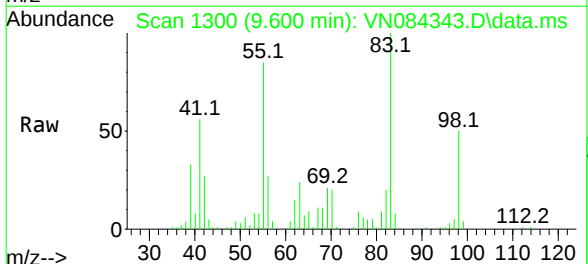
Manual Integrations
APPROVED

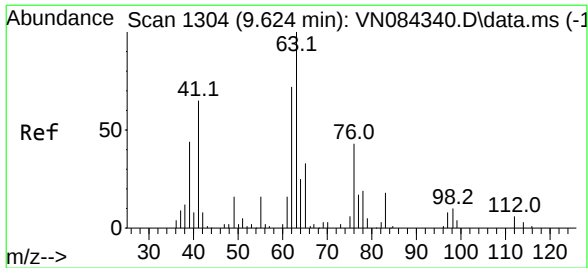
Reviewed By :John Carlone 10/09/2024
Supervised By :Mahesh Dadoda 10/09/2024



#38
Methylcyclohexane
Concen: 19.810 ug/l
RT: 9.600 min Scan# 1300
Delta R.T. 0.000 min
Lab File: VN084343.D
Acq: 08 Oct 2024 12:09

Tgt Ion: 83 Resp: 69219
Ion Ratio Lower Upper
83 100
55 81.0 39.3 117.8
98 49.0 24.0 72.0





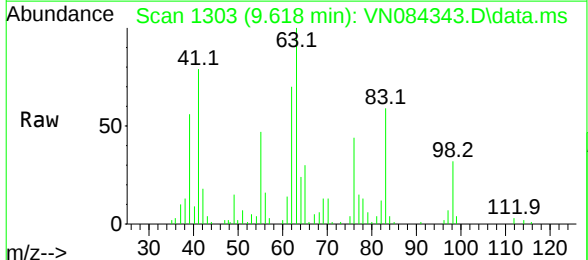
#39
1,2-Dichloropropane
Concen: 20.404 ug/l
RT: 9.618 min Scan# 1303
Delta R.T. -0.006 min
Lab File: VN084343.D
Acq: 08 Oct 2024 12:09

Instrument :

MSVOA_N

ClientSampleId :

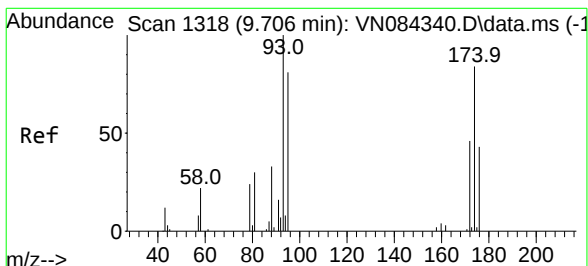
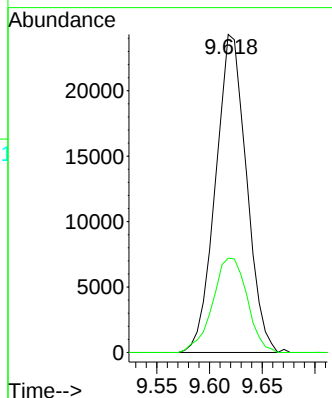
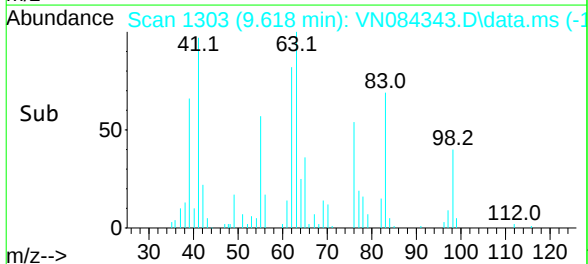
ICVVN100824



Tgt Ion: 63 Resp: 49546
Ion Ratio Lower Upper
63 100
65 29.6 26.3 39.5

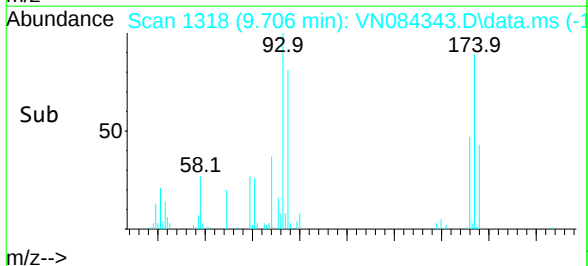
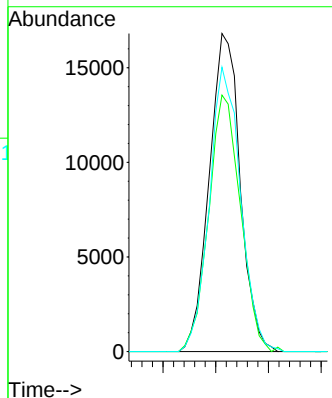
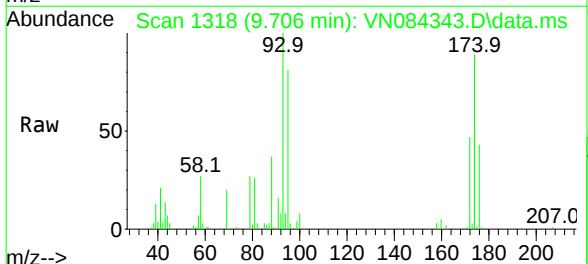
Manual Integrations
APPROVED

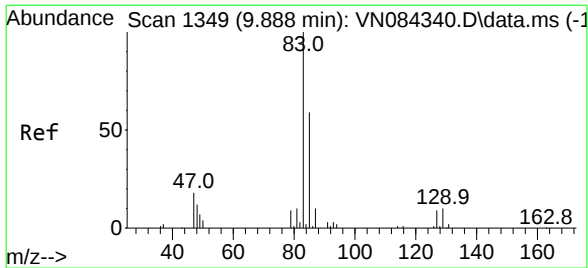
Reviewed By :John Carlone 10/09/2024
Supervised By :Mahesh Dadoda 10/09/2024



#40
Dibromomethane
Concen: 20.242 ug/l
RT: 9.706 min Scan# 1318
Delta R.T. 0.000 min
Lab File: VN084343.D
Acq: 08 Oct 2024 12:09

Tgt Ion: 93 Resp: 34353
Ion Ratio Lower Upper
93 100
95 82.6 0.0 171.4
174 89.9 0.0 183.0





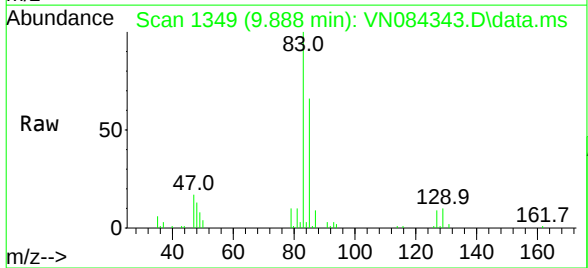
#41
 Bromodichloromethane
 Concen: 20.087 ug/l
 RT: 9.888 min Scan# 1349
 Delta R.T. 0.000 min
 Lab File: VN084343.D
 Acq: 08 Oct 2024 12:09

Instrument :

MSVOA_N

ClientSampleId :

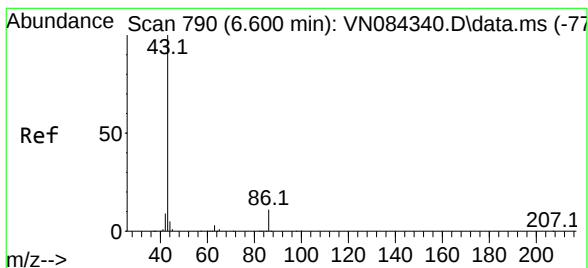
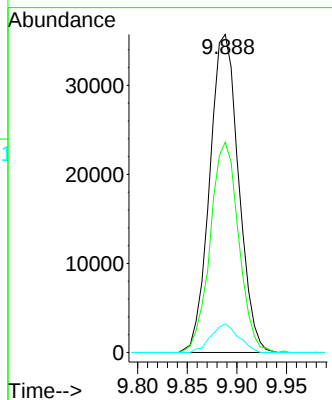
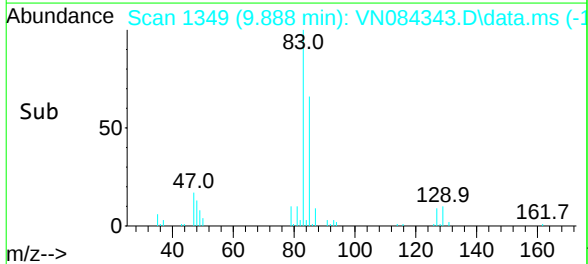
ICVVN100824



Tgt Ion:	83	Resp:	72371
Ion	Ratio	Lower	Upper
83	100		
85	66.1	47.1	70.7
127	9.0	7.1	10.7

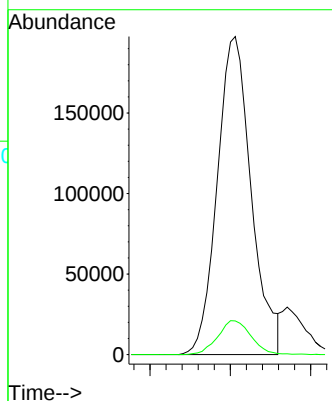
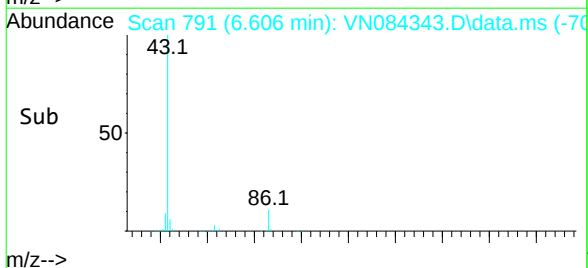
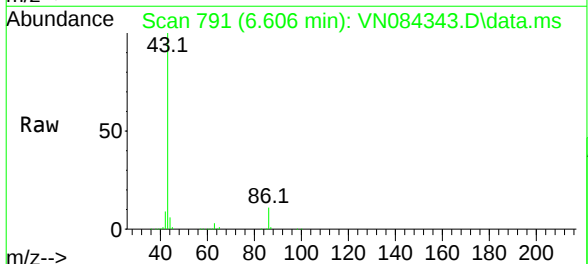
Manual Integrations
 APPROVED

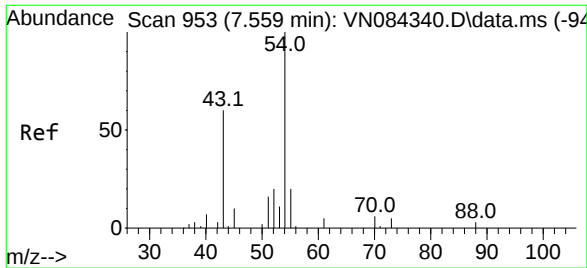
Reviewed By :John Carlone 10/09/2024
 Supervised By :Mahesh Dadoda 10/09/2024



#42
 Vinyl Acetate
 Concen: 98.798 ug/l
 RT: 6.606 min Scan# 791
 Delta R.T. 0.006 min
 Lab File: VN084343.D
 Acq: 08 Oct 2024 12:09

Tgt Ion:	43	Resp:	581959
Ion	Ratio	Lower	Upper
43	100		
86	10.4	8.5	12.7





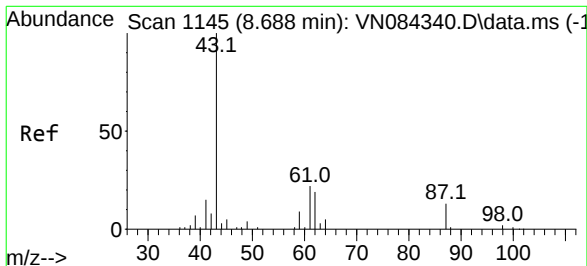
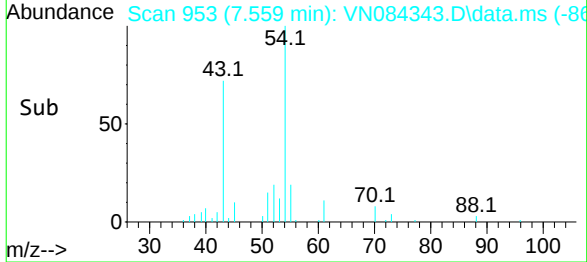
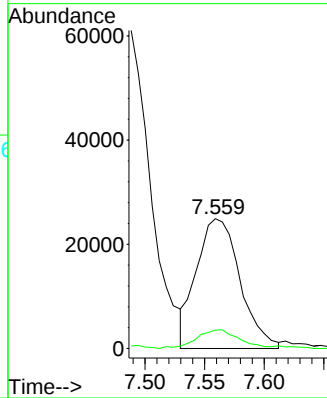
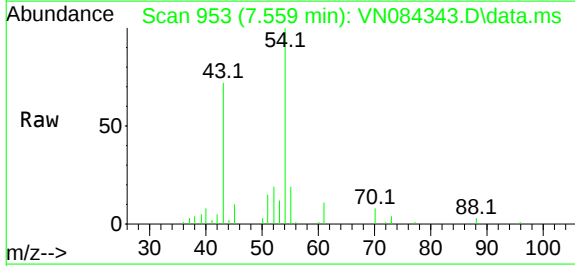
#43
Ethyl Acetate
Concen: 18.961 ug/l m
RT: 7.559 min Scan# 953
Delta R.T. -0.000 min
Lab File: VN084343.D
Acq: 08 Oct 2024 12:09

Instrument : MSVOA_N
ClientSampleId : ICVVN100824

Tgt Ion: 43 Resp: 63334
Ion Ratio Lower Upper
43 100
45 13.7 10.6 16.0

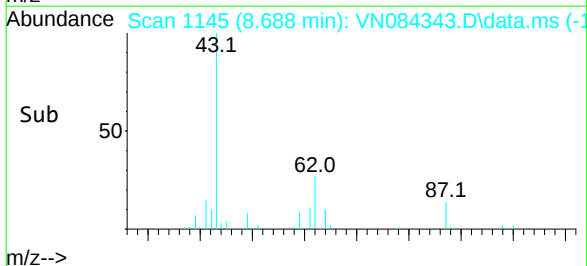
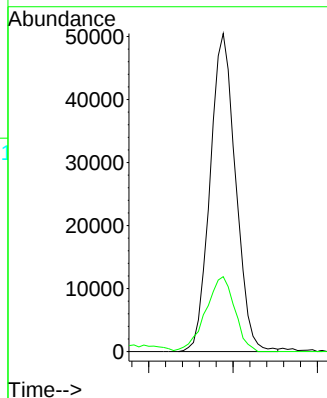
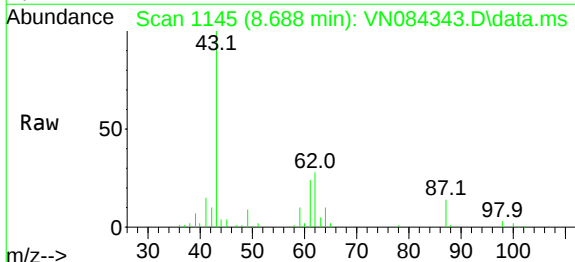
Manual Integrations
APPROVED

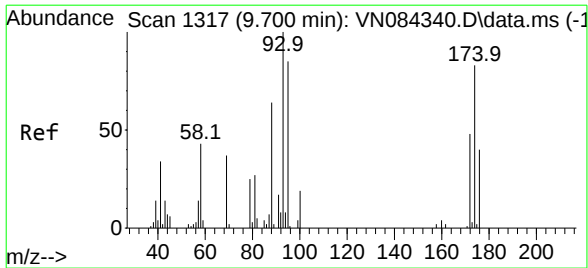
Reviewed By :John Carlone 10/09/2024
Supervised By :Mahesh Dadoda 10/09/2024



#44
Isopropyl Acetate
Concen: 19.419 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN084343.D
Acq: 08 Oct 2024 12:09

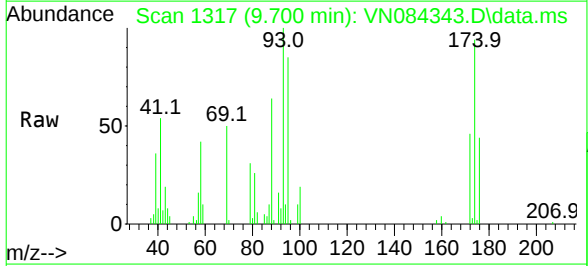
Tgt Ion: 43 Resp: 106167
Ion Ratio Lower Upper
43 100
61 26.8 21.4 32.2





#45
1,4-Dioxane
Concen: 360.927 ug/l
RT: 9.700 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VN084343.D
Acq: 08 Oct 2024 12:09

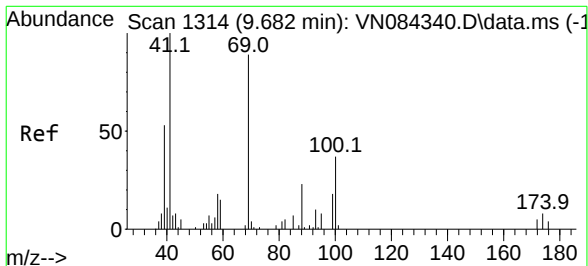
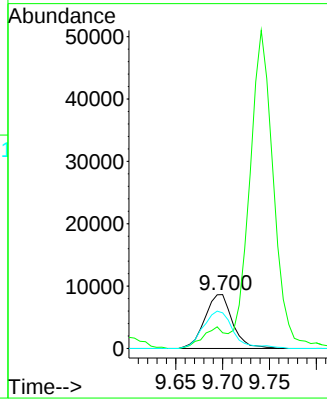
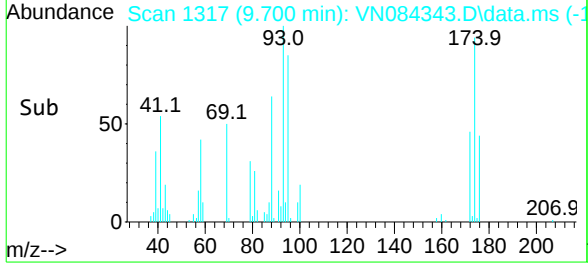
Instrument :
MSVOA_N
ClientSampleId :
ICVVN100824



Tgt Ion: 88 Resp: 17788
Ion Ratio Lower Upper
88 100
43 33.5 22.4 33.6
58 73.5 59.7 89.5

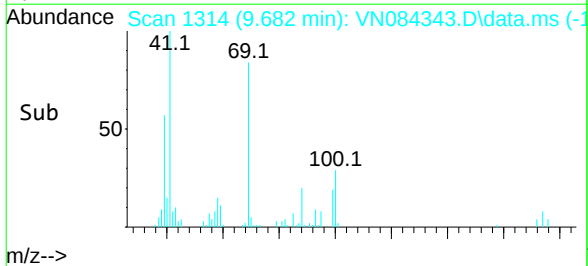
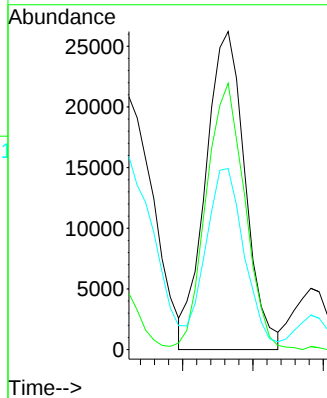
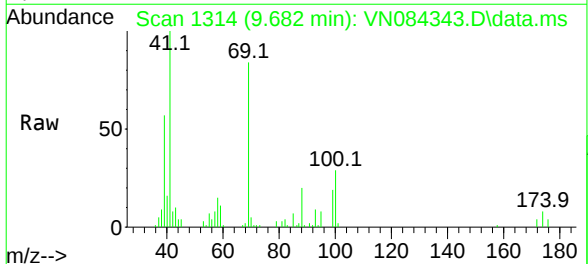
Manual Integrations
APPROVED

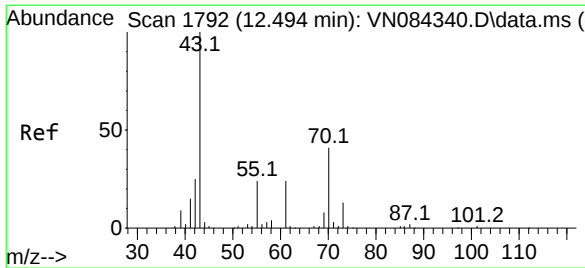
Reviewed By :John Carlone 10/09/2024
Supervised By :Mahesh Dadoda 10/09/2024



#46
Methyl methacrylate
Concen: 19.353 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VN084343.D
Acq: 08 Oct 2024 12:09

Tgt Ion: 41 Resp: 51122
Ion Ratio Lower Upper
41 100
69 87.1 42.6 128.0
39 57.6 27.5 82.4





#47

n-amy1 Acetate

Concen: 19.421 ug/l

RT: 12.494 min Scan# 1792

Delta R.T. 0.000 min

Lab File: VN084343.D

Acq: 08 Oct 2024 12:09

Instrument :

MSVOA_N

ClientSampleId :

ICVVN100824

Tgt Ion: 43 Resp: 94442

Ion Ratio Lower Upper

43 100

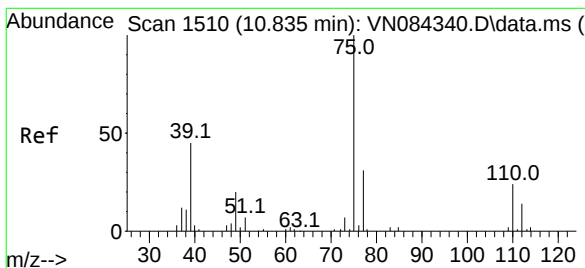
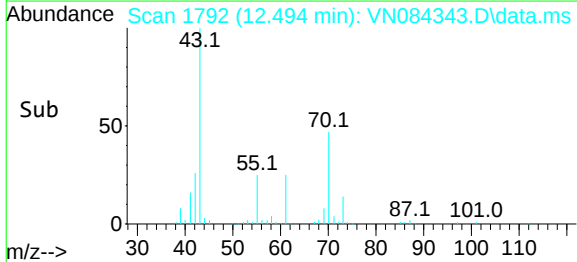
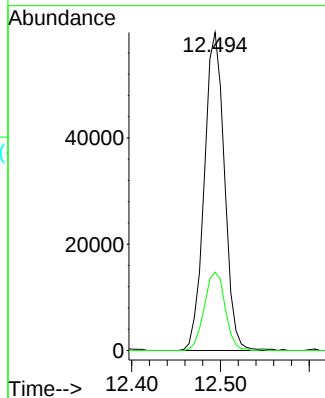
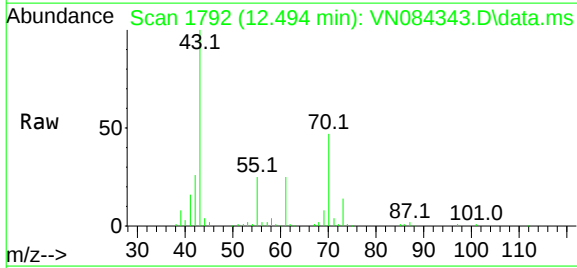
55 25.5 20.6 31.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/09/2024

Supervised By :Mahesh Dadoda 10/09/2024



#48

t-1,3-Dichloropropene

Concen: 20.107 ug/l

RT: 10.835 min Scan# 1510

Delta R.T. 0.000 min

Lab File: VN084343.D

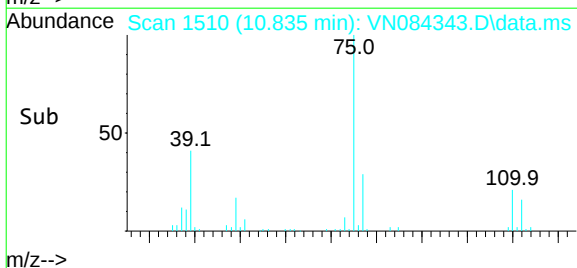
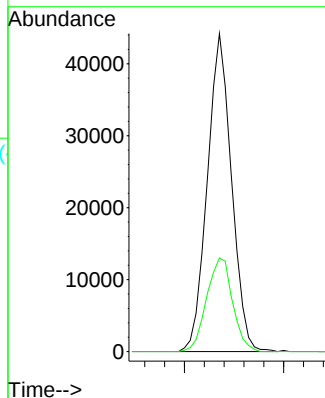
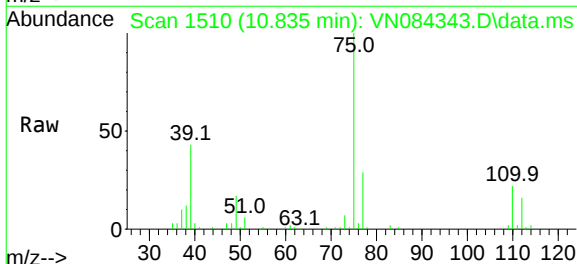
Acq: 08 Oct 2024 12:09

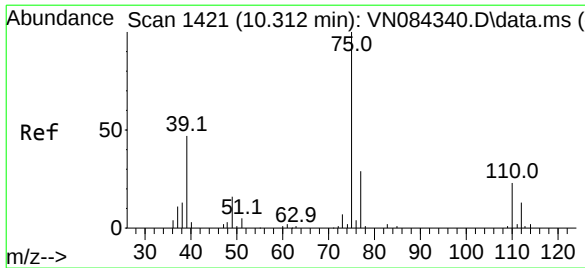
Tgt Ion: 75 Resp: 74857

Ion Ratio Lower Upper

75 100

77 29.4 24.6 37.0





#49

cis-1,3-Dichloropropene

Concen: 20.591 ug/l

RT: 10.312 min Scan# 1421

Delta R.T. -0.000 min

Lab File: VN084343.D

Acq: 08 Oct 2024 12:09

Instrument :

MSVOA_N

ClientSampleId :

ICVVN100824

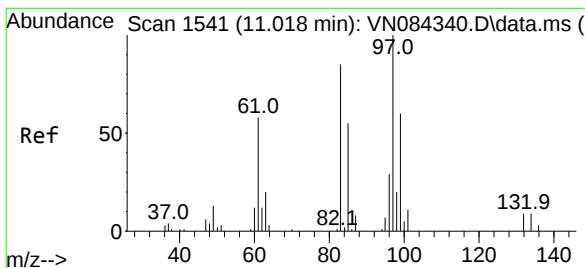
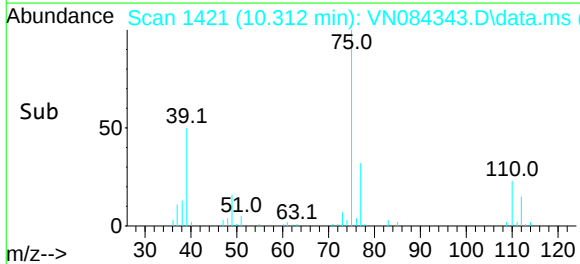
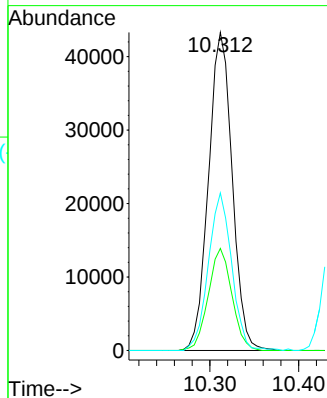
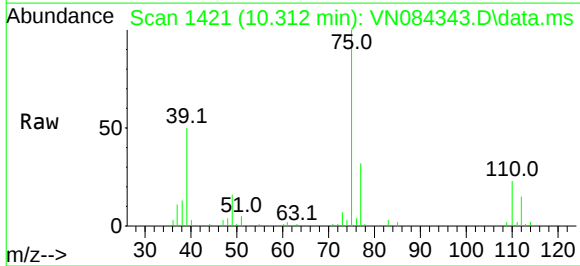
Tgt Ion:	75	Resp:	80340
Ion	Ratio	Lower	Upper
75	100		
77	32.1	22.9	34.3
39	49.5	37.4	56.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/09/2024

Supervised By :Mahesh Dadoda 10/09/2024



#50

1,1,2-Trichloroethane

Concen: 20.034 ug/l

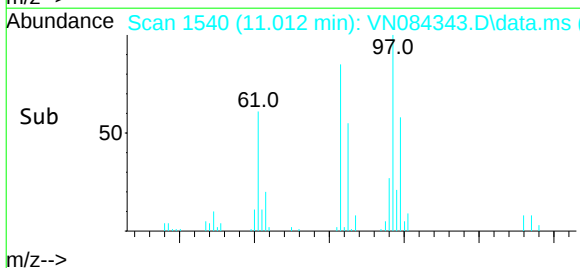
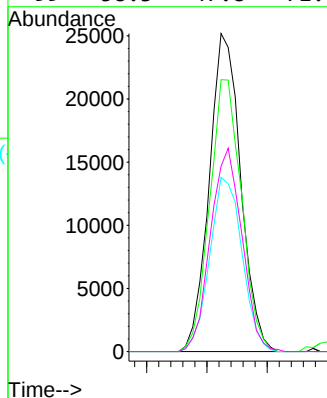
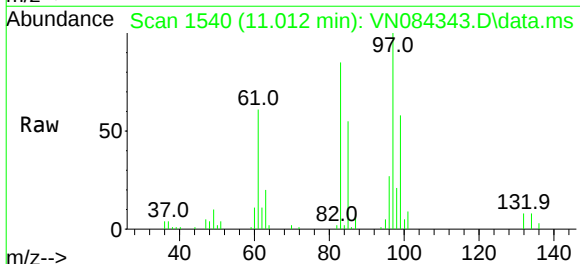
RT: 11.012 min Scan# 1540

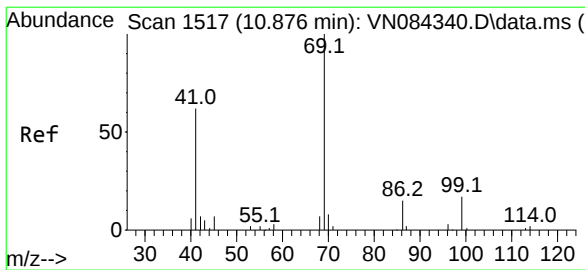
Delta R.T. -0.006 min

Lab File: VN084343.D

Acq: 08 Oct 2024 12:09

Tgt Ion:	97	Resp:	45700
Ion	Ratio	Lower	Upper
97	100		
83	85.5	67.8	101.8
85	54.8	44.2	66.2
99	58.3	47.8	71.8





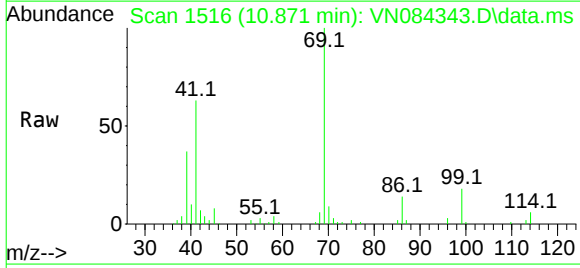
#51
Ethyl methacrylate
Concen: 19.639 ug/l
RT: 10.871 min Scan# 1517
Delta R.T. -0.006 min
Lab File: VN084343.D
Acq: 08 Oct 2024 12:09

Instrument :

MSVOA_N

ClientSampleId :

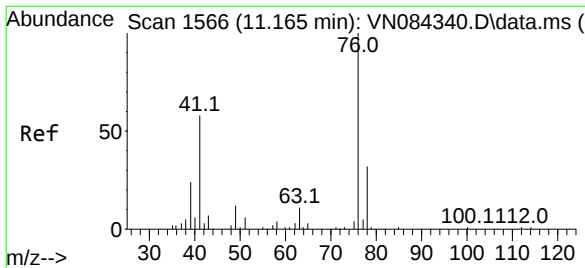
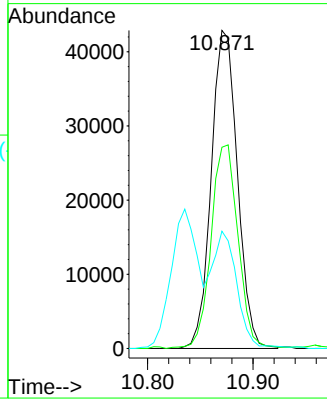
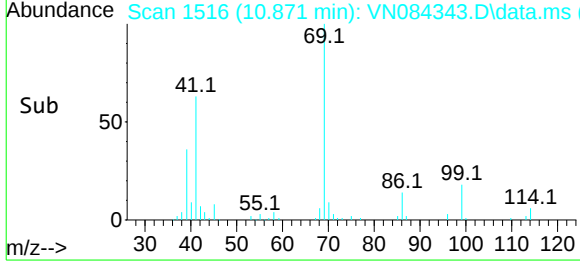
ICVVN100824



Tgt Ion: 69 Resp: 73999
Ion Ratio Lower Upper
69 100
41 62.8 30.9 92.7
39 36.2 16.6 49.7

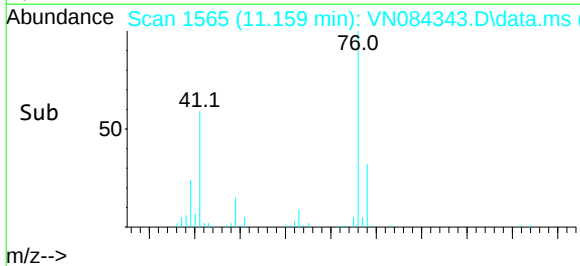
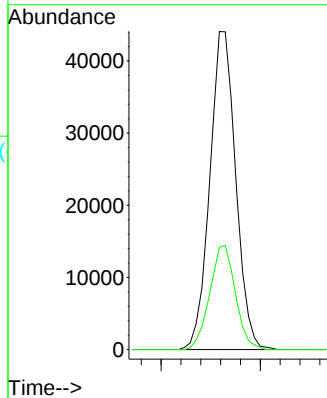
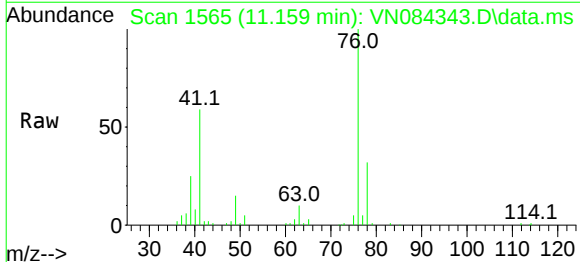
Manual Integrations
APPROVED

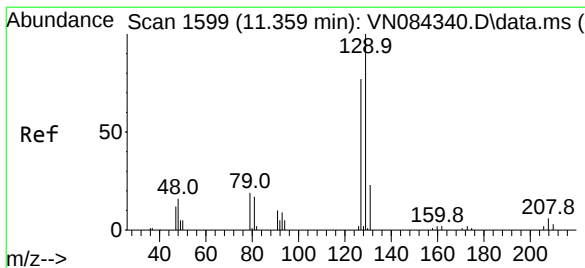
Reviewed By :John Carlone 10/09/2024
Supervised By :Mahesh Dadoda 10/09/2024



#52
1,3-Dichloropropane
Concen: 20.070 ug/l
RT: 11.159 min Scan# 1565
Delta R.T. -0.006 min
Lab File: VN084343.D
Acq: 08 Oct 2024 12:09

Tgt Ion: 76 Resp: 80053
Ion Ratio Lower Upper
76 100
78 32.4 0.0 64.2





#53

Dibromochloromethane

Concen: 20.221 ug/l

RT: 11.359 min Scan# 1599

Delta R.T. 0.000 min

Lab File: VN084343.D

Acq: 08 Oct 2024 12:09

Instrument :

MSVOA_N

ClientSampleId :

ICVVN100824

Tgt Ion:129 Resp: 54496

Ion Ratio Lower Upper

129 100

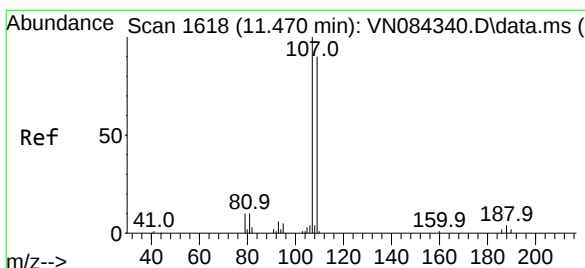
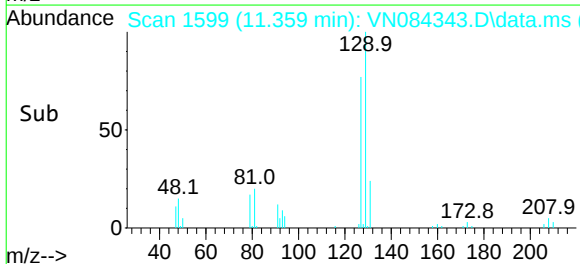
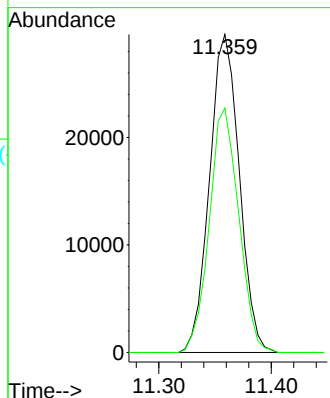
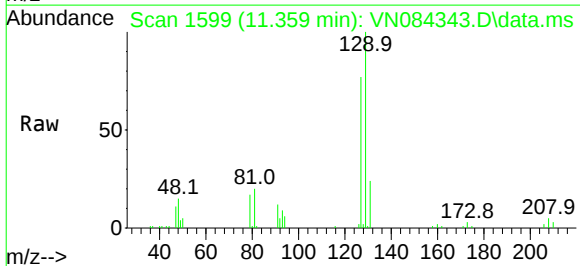
127 76.1 38.5 115.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/09/2024

Supervised By :Mahesh Dadoda 10/09/2024



#54

1,2-Dibromoethane

Concen: 19.530 ug/l

RT: 11.470 min Scan# 1618

Delta R.T. 0.000 min

Lab File: VN084343.D

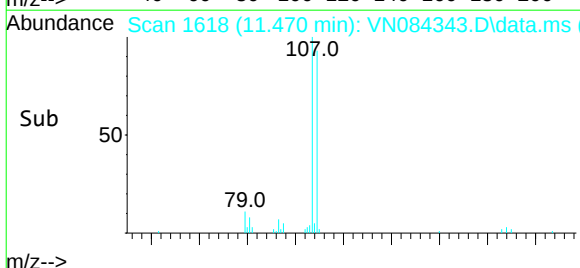
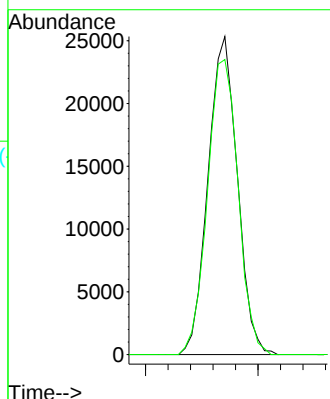
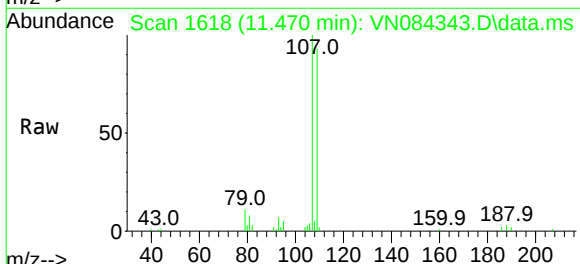
Acq: 08 Oct 2024 12:09

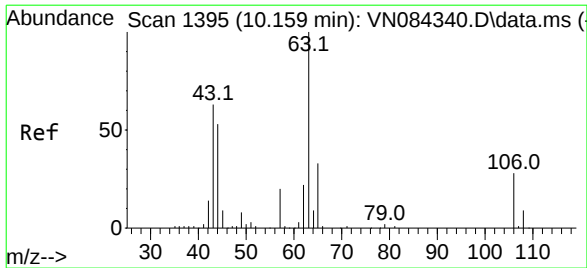
Tgt Ion:107 Resp: 45857

Ion Ratio Lower Upper

107 100

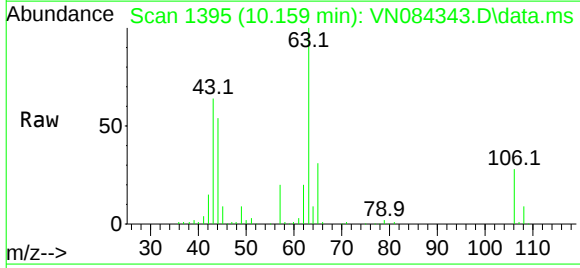
109 97.0 73.8 110.6





#55
2-Chloroethyl vinyl ether
Concen: 88.171 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VN084343.D
Acq: 08 Oct 2024 12:09

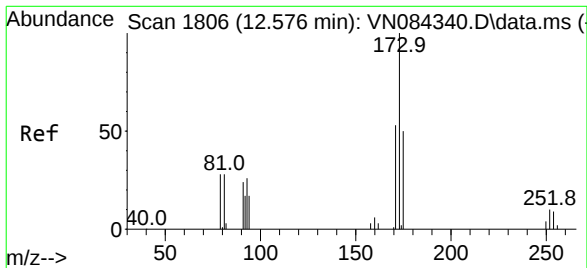
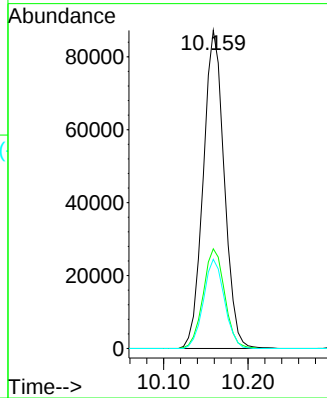
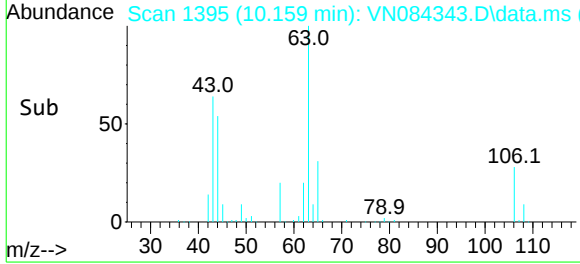
Instrument : MSVOA_N
ClientSampleId : ICVVN100824



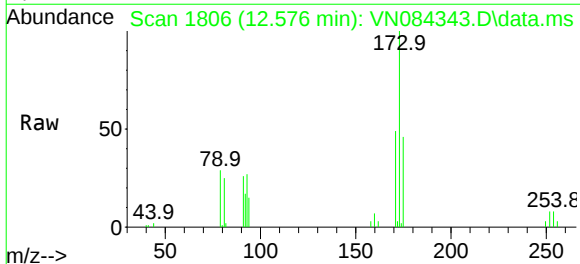
Tgt Ion: 63 Resp: 150677
Ion Ratio Lower Upper
63 100
65 32.1 25.6 38.4
106 28.0 21.6 32.4

Manual Integrations
APPROVED

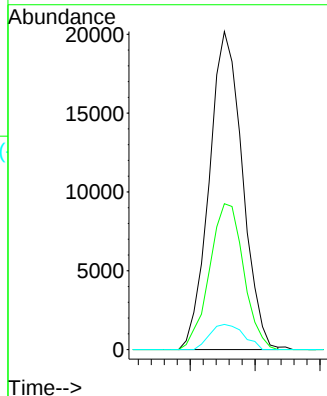
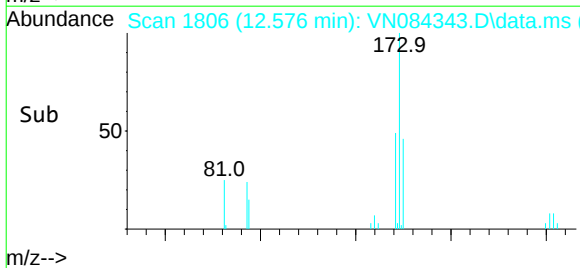
Reviewed By :John Carlone 10/09/2024
Supervised By :Mahesh Dadoda 10/09/2024

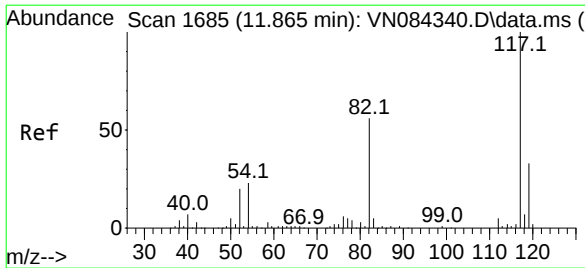


#56
Bromoform
Concen: 20.113 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VN084343.D
Acq: 08 Oct 2024 12:09



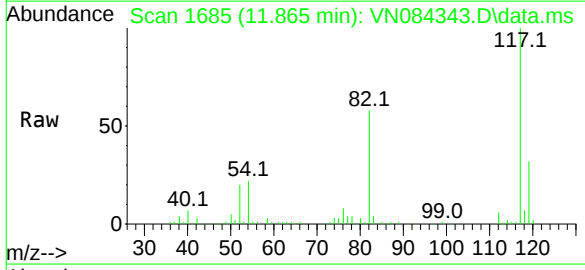
Tgt Ion:173 Resp: 35946
Ion Ratio Lower Upper
173 100
175 47.1 39.4 59.2
254 8.1 6.8 10.2





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN084343.D
Acq: 08 Oct 2024 12:09

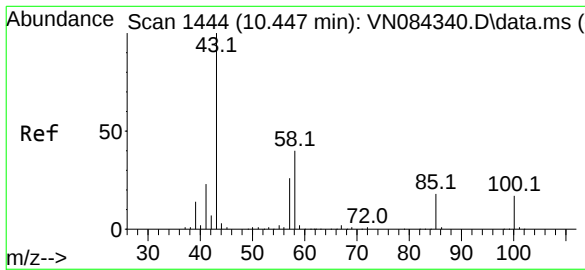
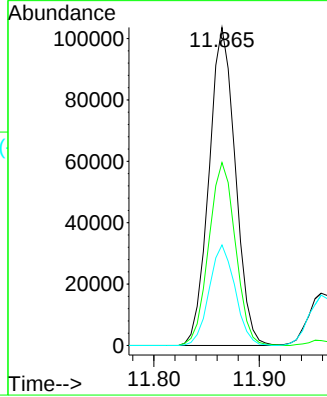
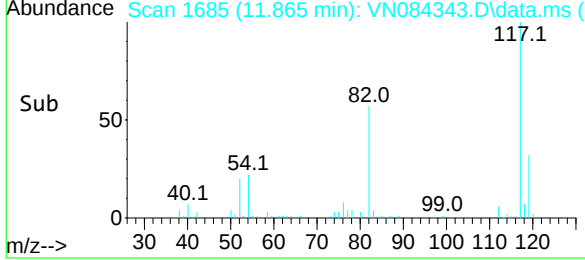
Instrument :
MSVOA_N
ClientSampleId :
ICVVN100824



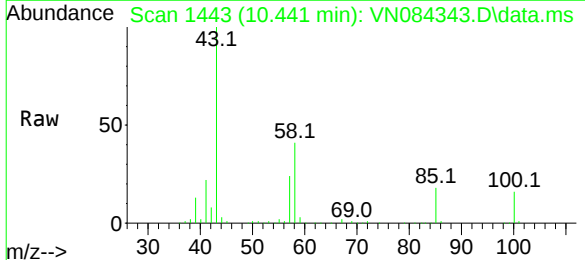
Tgt Ion: 117 Resp: 180191
Ion Ratio Lower Upper
117 100
82 58.2 46.2 69.4
119 31.0 25.4 38.2

Manual Integrations
APPROVED

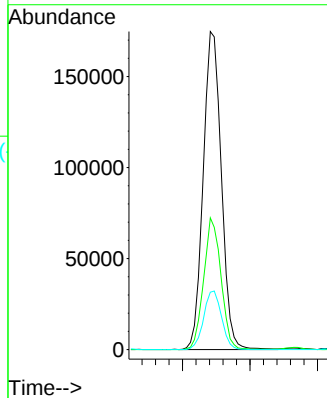
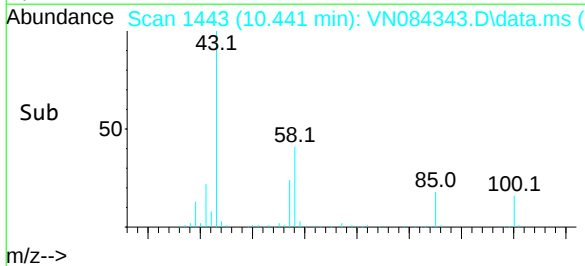
Reviewed By :John Carlone 10/09/2024
Supervised By :Mahesh Dadoda 10/09/2024

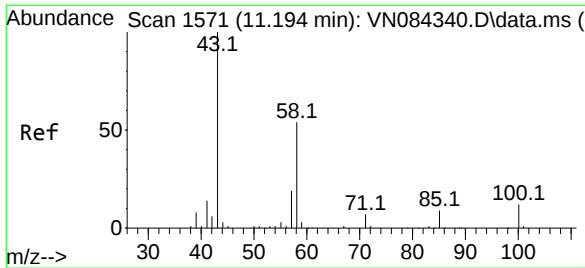


#58
4-Methyl-2-Pentanone
Concen: 97.392 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. -0.006 min
Lab File: VN084343.D
Acq: 08 Oct 2024 12:09



Tgt Ion: 43 Resp: 326914
Ion Ratio Lower Upper
43 100
58 39.4 31.9 47.9
85 18.1 14.6 22.0





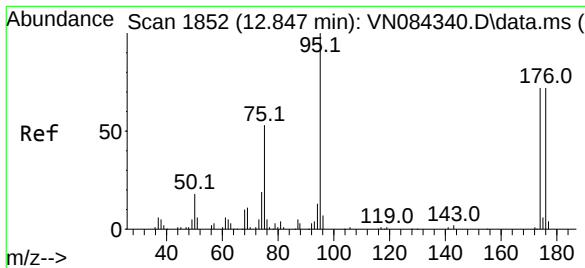
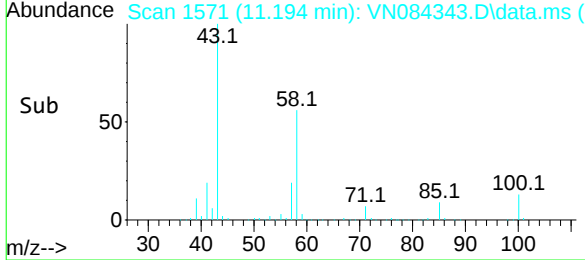
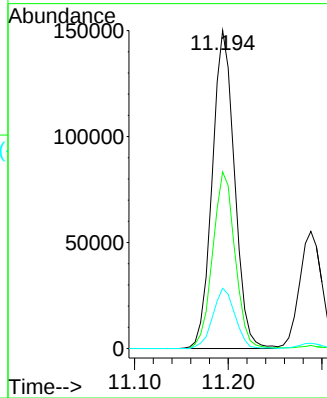
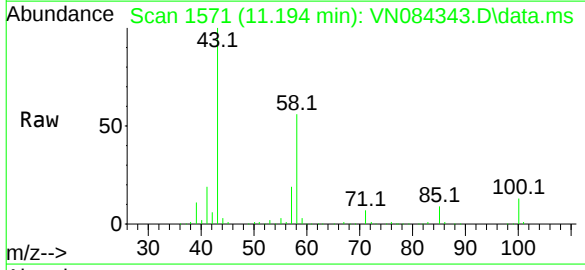
#59
2-Hexanone
Concen: 99.486 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VN084343.D
Acq: 08 Oct 2024 12:09

Instrument :
MSVOA_N
ClientSampleId :
ICVVN100824

Tgt Ion: 43 Resp: 248144
Ion Ratio Lower Upper
43 100
58 55.5 44.0 66.0
57 18.8 15.4 23.2

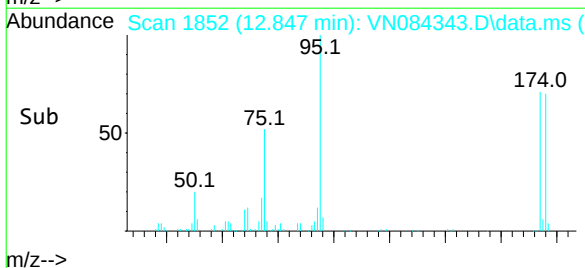
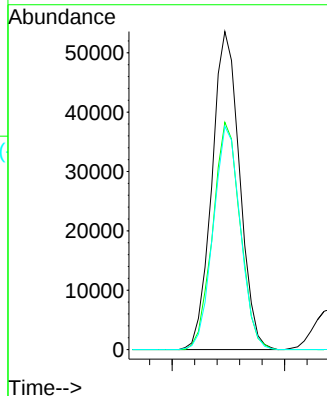
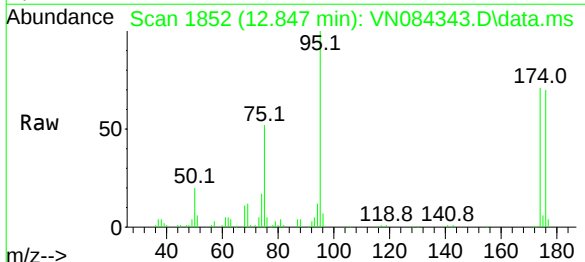
Manual Integrations
APPROVED

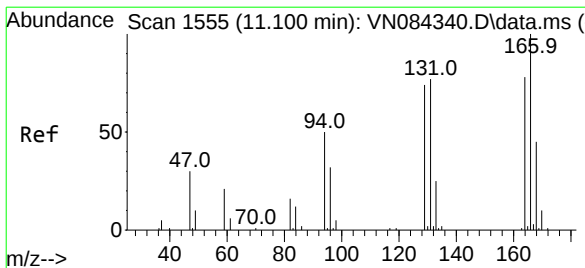
Reviewed By :John Carlone 10/09/2024
Supervised By :Mahesh Dadoda 10/09/2024



#60
4-Bromofluorobenzene
Concen: 30.784 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN084343.D
Acq: 08 Oct 2024 12:09

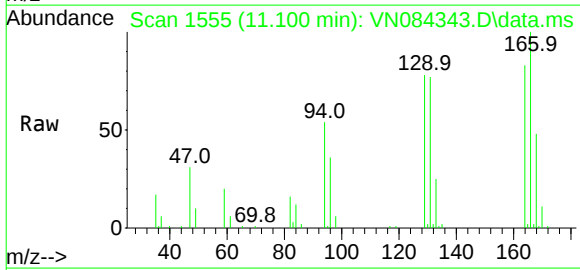
Tgt Ion: 95 Resp: 91549
Ion Ratio Lower Upper
95 100
174 70.7 58.2 87.2
176 68.7 56.4 84.6





#61
Tetrachloroethene
Concen: 20.477 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VN084343.D
Acq: 08 Oct 2024 12:09

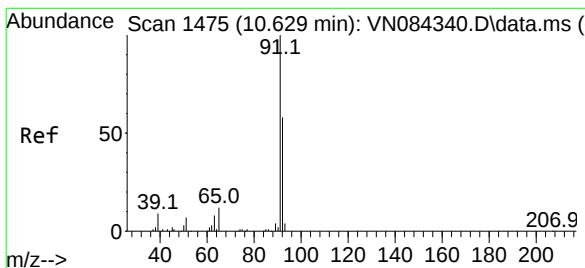
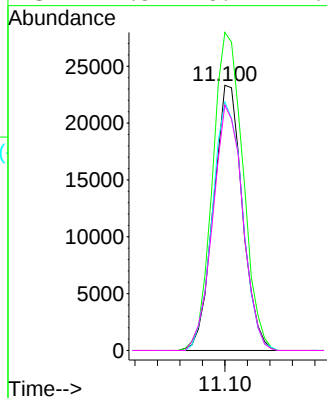
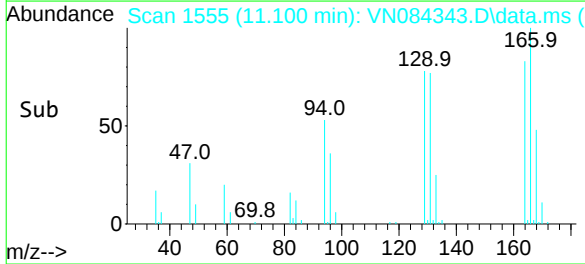
Instrument :
MSVOA_N
ClientSampleId :
ICVVN100824



Tgt Ion: 164 Resp: 41736
Ion Ratio Lower Upper
164 100
166 119.9 102.5 153.7
129 93.7 75.7 113.5
131 92.5 78.2 117.4

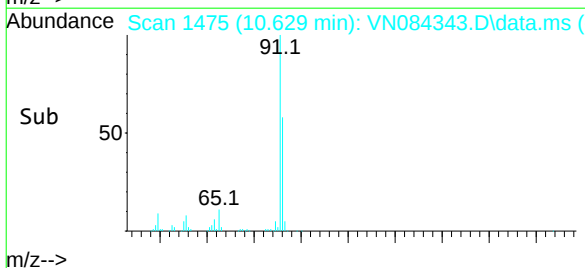
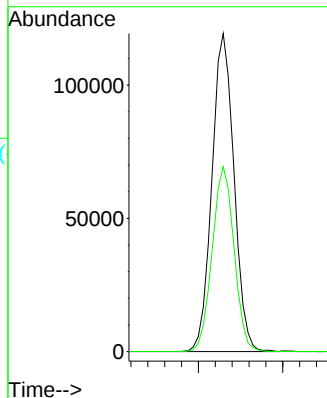
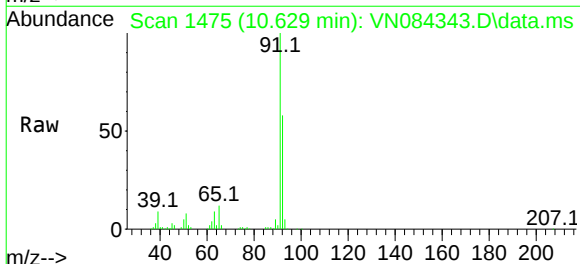
Manual Integrations
APPROVED

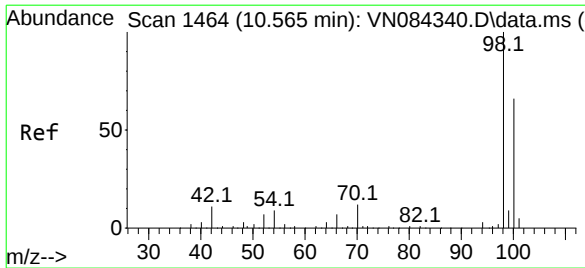
Reviewed By :John Carlone 10/09/2024
Supervised By :Mahesh Dadoda 10/09/2024



#62
Toluene
Concen: 20.551 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN084343.D
Acq: 08 Oct 2024 12:09

Tgt Ion: 91 Resp: 216792
Ion Ratio Lower Upper
91 100
92 57.6 47.2 70.8





#63

Toluene-d8

Concen: 30.377 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VN084343.D

Acq: 08 Oct 2024 12:09

Instrument :

MSVOA_N

ClientSampleId :

ICVVN100824

Tgt Ion: 98 Resp: 253573

Ion Ratio Lower Upper

98 100

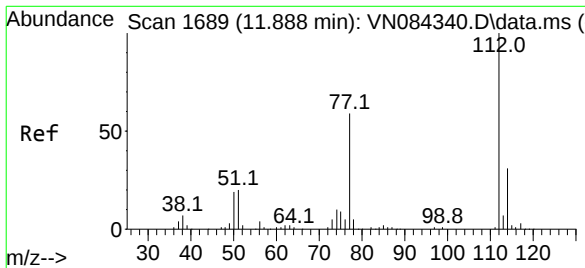
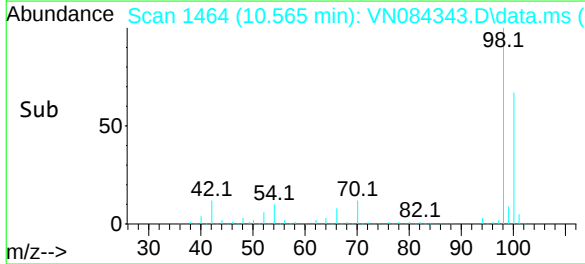
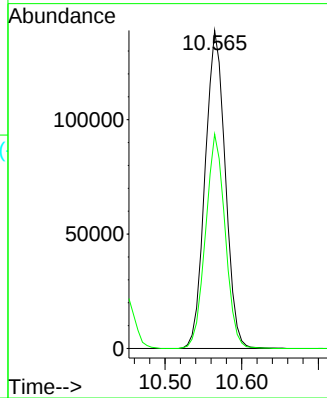
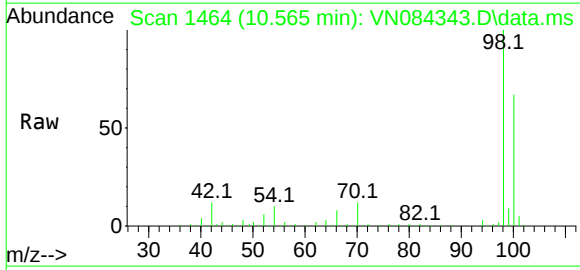
100 65.6 52.5 78.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/09/2024

Supervised By :Mahesh Dadoda 10/09/2024



#64

Chlorobenzene

Concen: 19.960 ug/l

RT: 11.894 min Scan# 1690

Delta R.T. 0.006 min

Lab File: VN084343.D

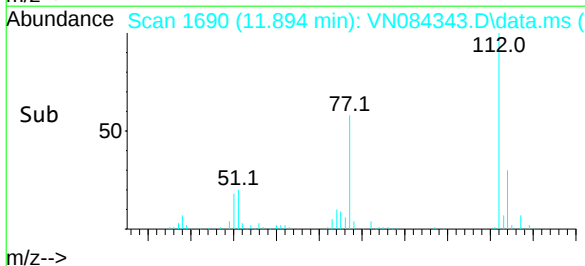
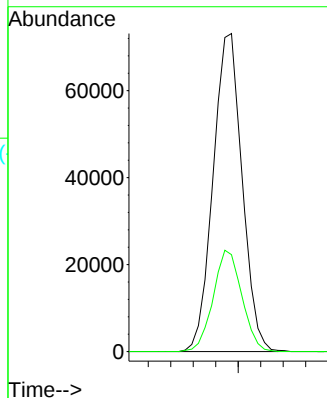
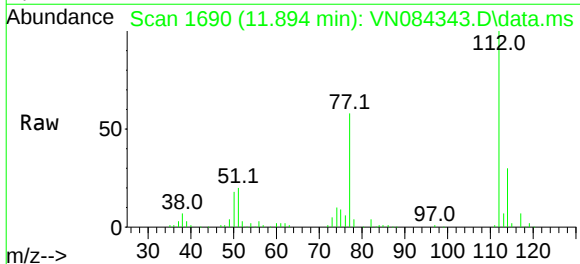
Acq: 08 Oct 2024 12:09

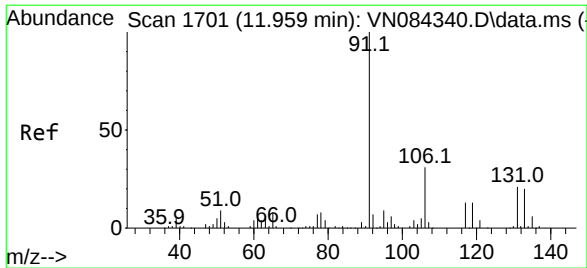
Tgt Ion:112 Resp: 131028

Ion Ratio Lower Upper

112 100

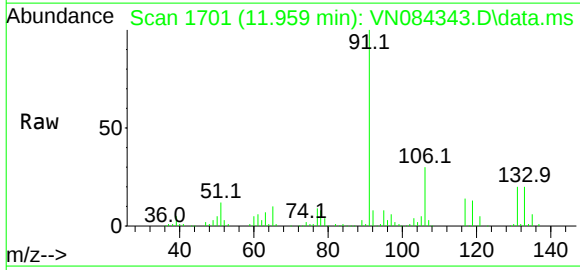
114 30.5 25.1 37.7





#65
1,1,1,2-Tetrachloroethane
Concen: 20.169 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN084343.D
Acq: 08 Oct 2024 12:09

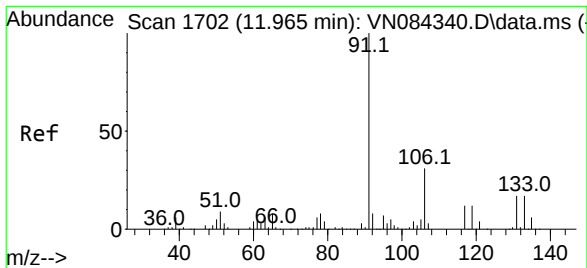
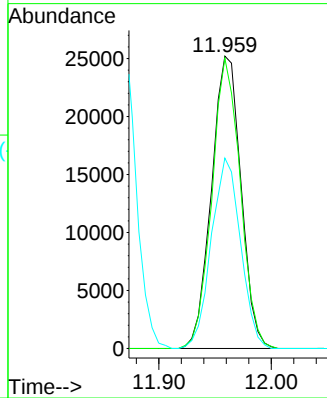
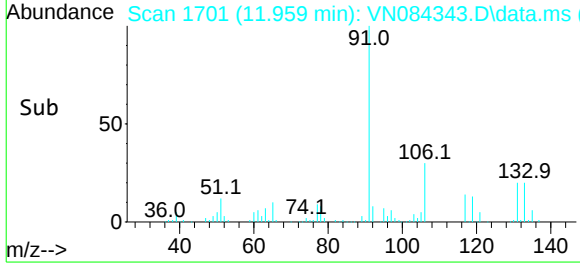
Instrument : MSVOA_N
ClientSampleId : ICVVN100824



Tgt Ion: 131 Resp: 45996
Ion Ratio Lower Upper
131 100
133 95.4 0.0 190.4
119 64.4 0.0 130.0

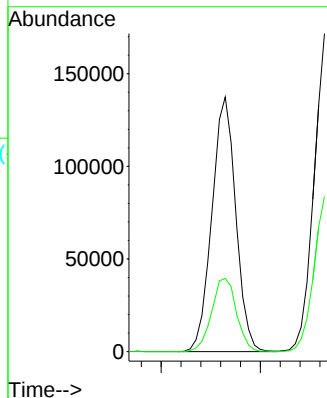
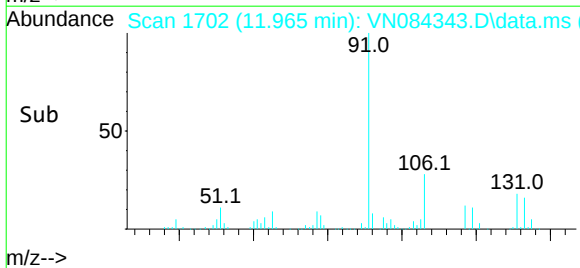
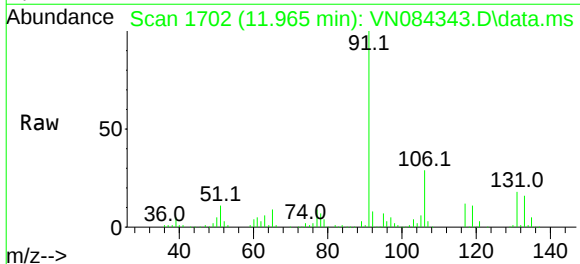
Manual Integrations
APPROVED

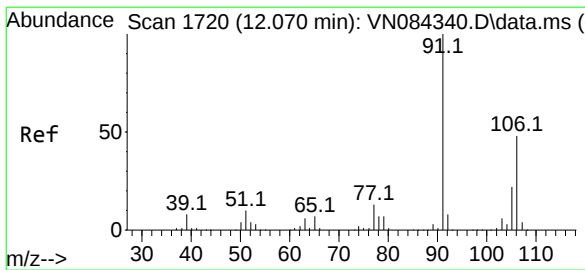
Reviewed By :John Carlone 10/09/2024
Supervised By :Mahesh Dadoda 10/09/2024



#66
Ethyl Benzene
Concen: 20.038 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN084343.D
Acq: 08 Oct 2024 12:09

Tgt Ion: 91 Resp: 229654
Ion Ratio Lower Upper
91 100
106 28.8 25.2 37.8





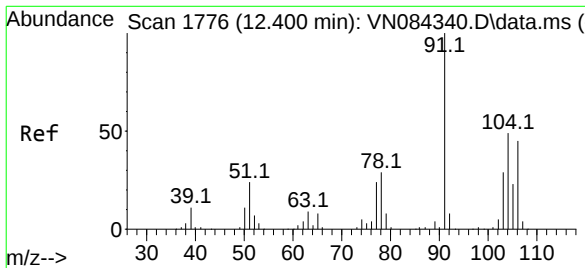
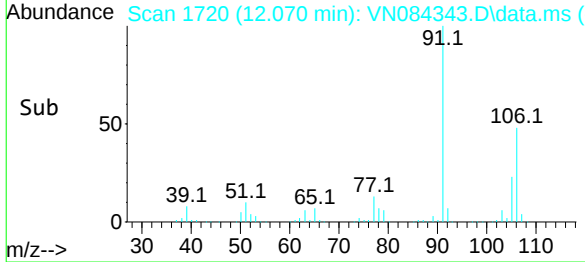
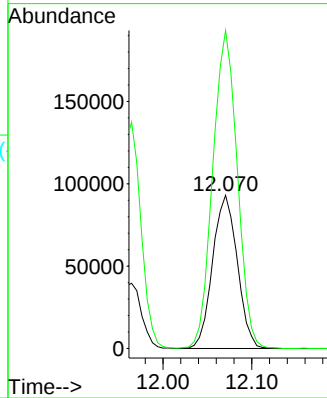
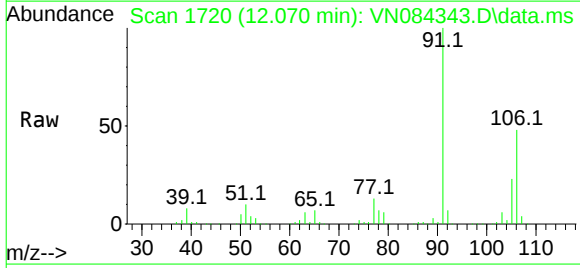
#67
m/p-Xylenes
Concen: 41.370 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN084343.D
Acq: 08 Oct 2024 12:09

Instrument :
MSVOA_N
ClientSampleId :
ICVVN100824

Tgt Ion:106 Resp: 179863
Ion Ratio Lower Upper
106 100
91 205.9 166.7 250.1

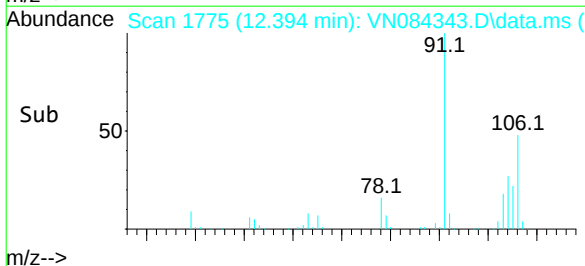
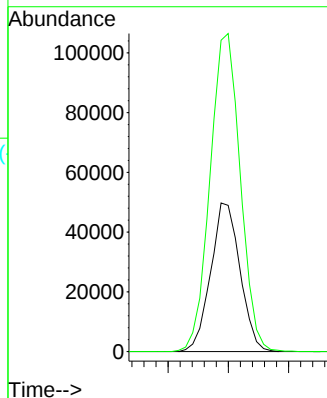
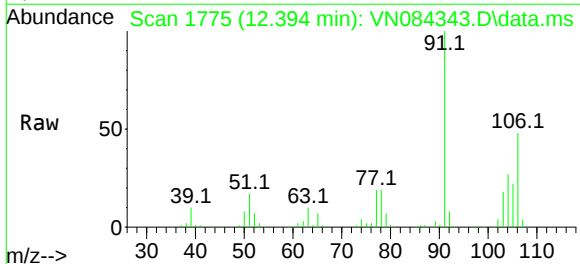
Manual Integrations
APPROVED

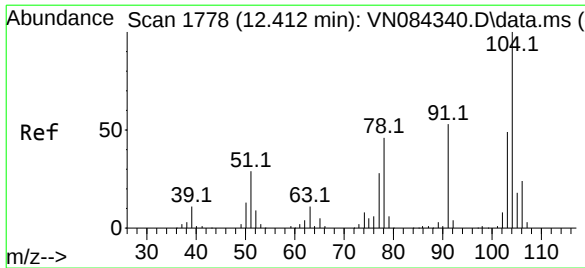
Reviewed By :John Carlone 10/09/2024
Supervised By :Mahesh Dadoda 10/09/2024



#68
o-Xylene
Concen: 20.070 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.006 min
Lab File: VN084343.D
Acq: 08 Oct 2024 12:09

Tgt Ion:106 Resp: 84107
Ion Ratio Lower Upper
106 100
91 220.5 110.9 332.9





#69

Styrene

Concen: 20.124 ug/l

RT: 12.412 min Scan# 1778

Delta R.T. 0.000 min

Lab File: VN084343.D

Acq: 08 Oct 2024 12:09

Instrument :

MSVOA_N

ClientSampleId :

ICVVN100824

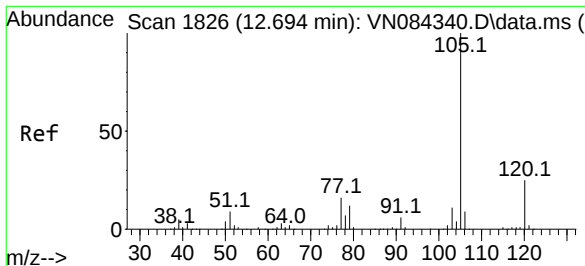
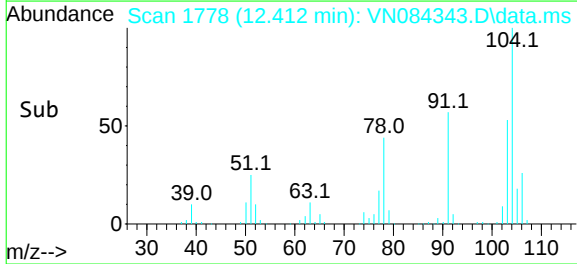
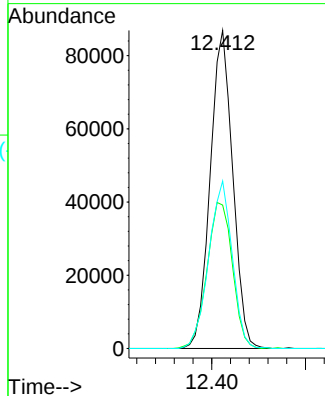
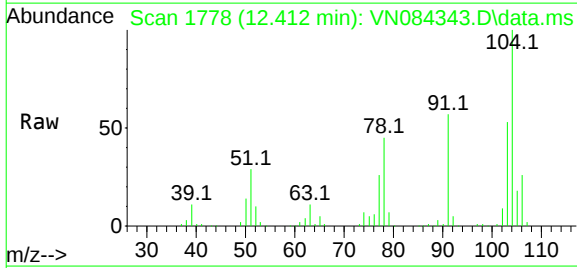
Tgt Ion:	104	Resp:	144766
Ion	Ratio	Lower	Upper
104	100		
78	51.9	41.6	62.4
103	54.9	44.4	66.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/09/2024

Supervised By :Mahesh Dadoda 10/09/2024



#70

Isopropylbenzene

Concen: 19.923 ug/l

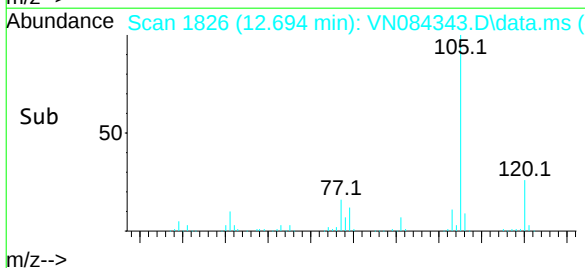
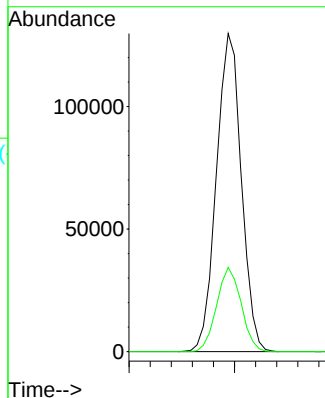
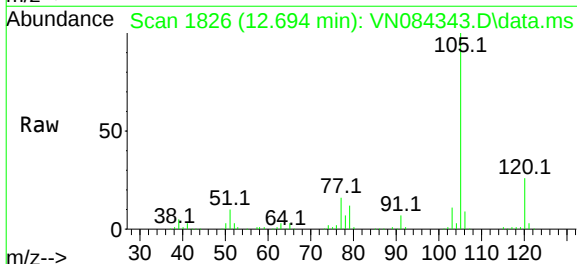
RT: 12.694 min Scan# 1826

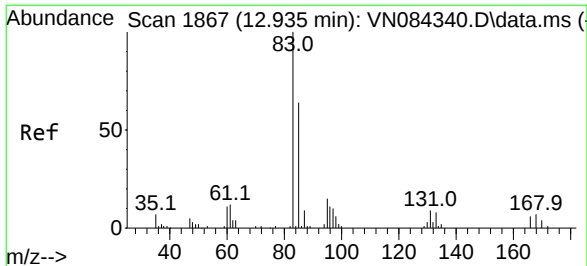
Delta R.T. 0.000 min

Lab File: VN084343.D

Acq: 08 Oct 2024 12:09

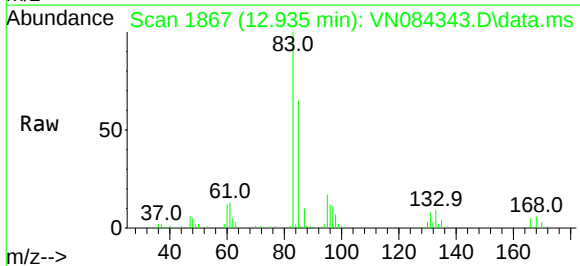
Tgt Ion:	105	Resp:	213142
Ion	Ratio	Lower	Upper
105	100		
120	25.9	17.4	32.4





#71
1,1,2,2-Tetrachloroethane
Concen: 19.932 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VN084343.D
Acq: 08 Oct 2024 12:09

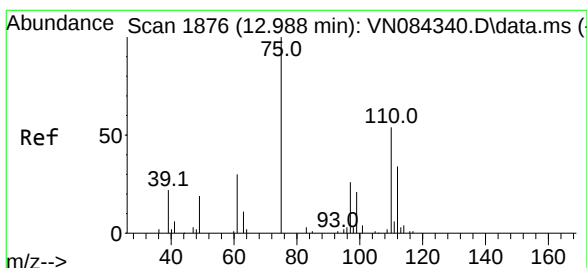
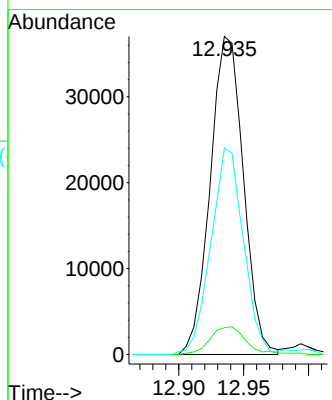
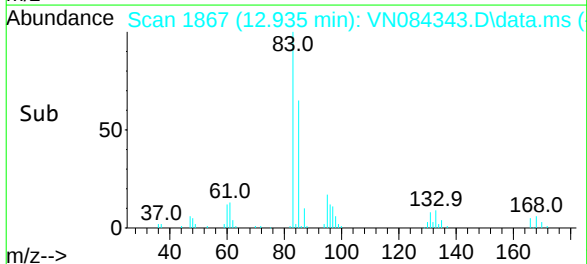
Instrument :
MSVOA_N
ClientSampleId :
ICVVN100824



Tgt Ion	Ratio	Lower	Upper
83	100		
131	9.4	5.1	15.3
85	63.6	32.0	96.2

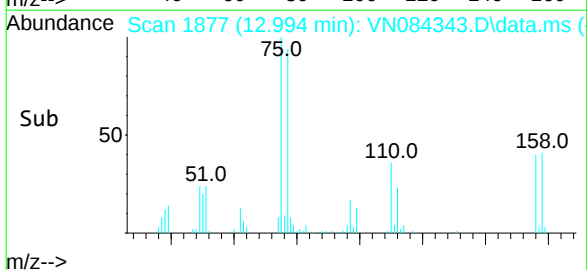
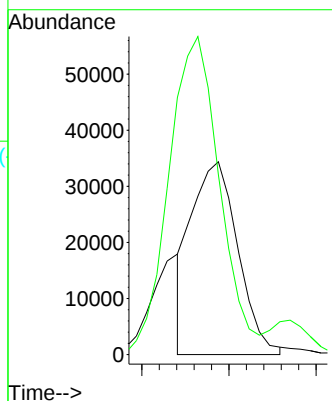
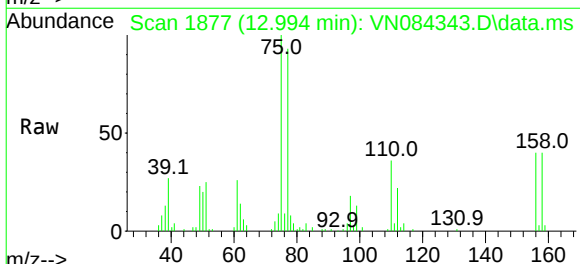
Manual Integrations
APPROVED

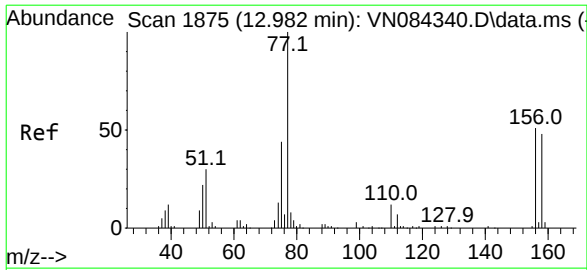
Reviewed By :John Carlone 10/09/2024
Supervised By :Mahesh Dadoda 10/09/2024



#72
1,2,3-Trichloropropane
Concen: 22.527 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. 0.006 min
Lab File: VN084343.D
Acq: 08 Oct 2024 12:09

Tgt Ion	Ratio	Lower	Upper
75	100		
77	179.8	0.0	414.0





#73

Bromobenzene

Concen: 19.992 ug/l

RT: 12.976 min Scan# 1875

Delta R.T. -0.006 min

Lab File: VN084343.D

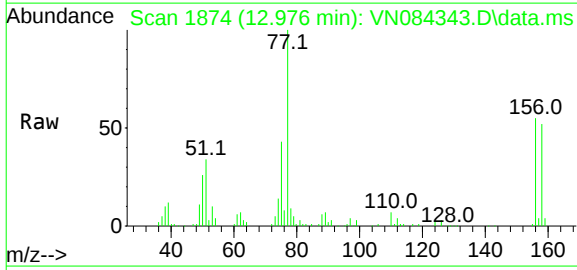
Acq: 08 Oct 2024 12:09

Instrument :

MSVOA_N

ClientSampleId :

ICVVN100824



Tgt Ion: 156 Resp: 51798

Ion Ratio Lower Upper

156 100

77 221.7 0.0 451.0

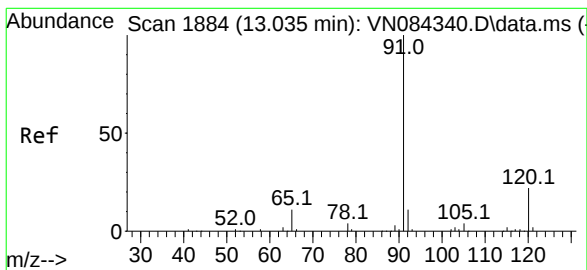
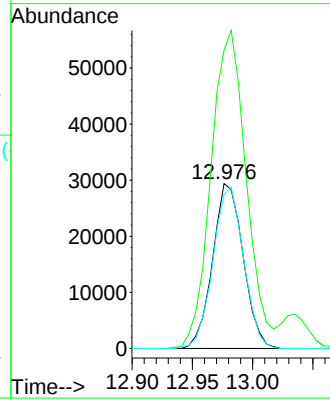
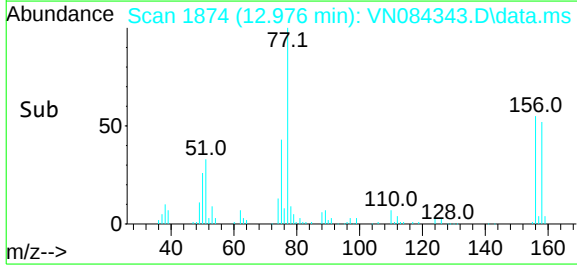
158 97.9 0.0 194.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/09/2024

Supervised By :Mahesh Dadoda 10/09/2024



#74

n-propylbenzene

Concen: 20.467 ug/l

RT: 13.035 min Scan# 1884

Delta R.T. -0.000 min

Lab File: VN084343.D

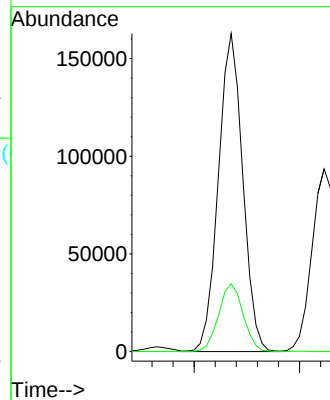
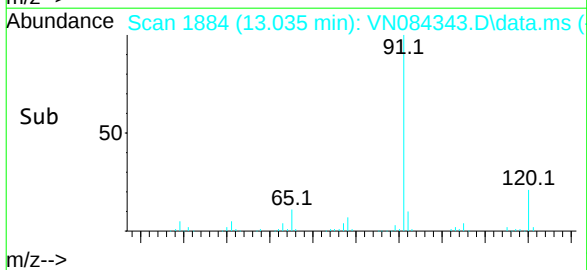
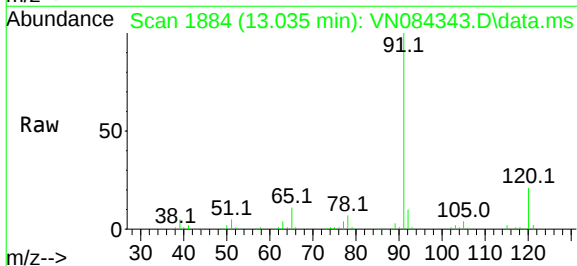
Acq: 08 Oct 2024 12:09

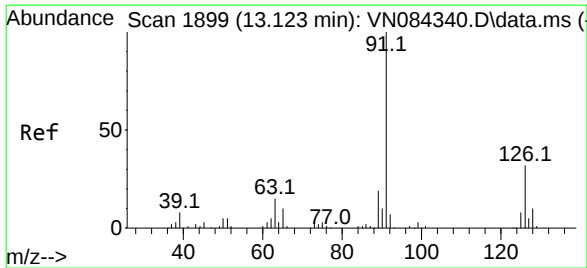
Tgt Ion: 91 Resp: 260928

Ion Ratio Lower Upper

91 100

120 21.4 0.0 43.2





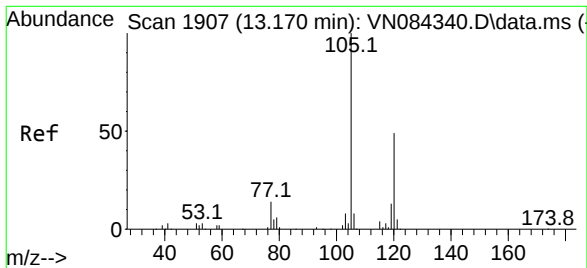
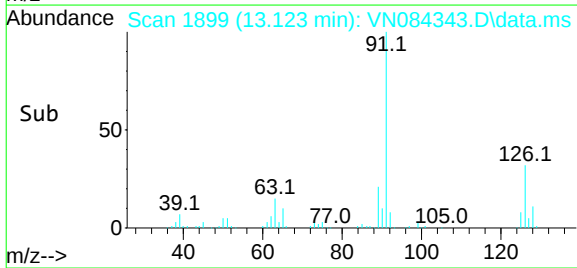
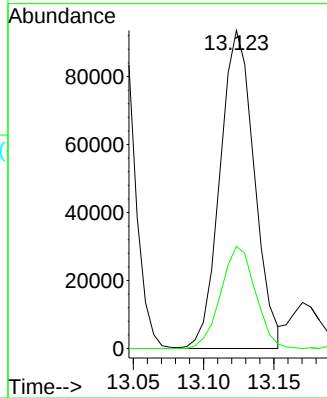
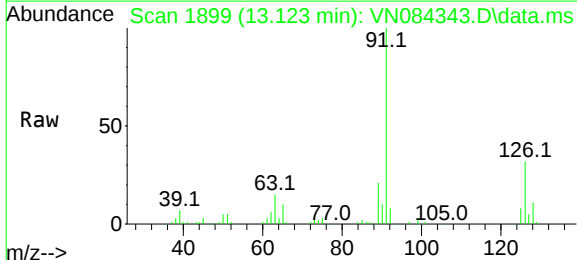
#75
2-Chlorotoluene
Concen: 20.001 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VN084343.D
Acq: 08 Oct 2024 12:09

Instrument :
MSVOA_N
ClientSampleId :
ICVVN100824

Tgt Ion: 91 Resp: 158449
Ion Ratio Lower Upper
91 100
126 32.3 0.0 64.0

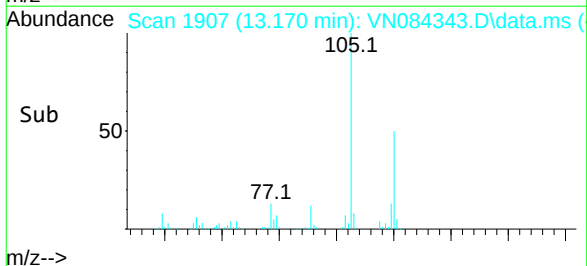
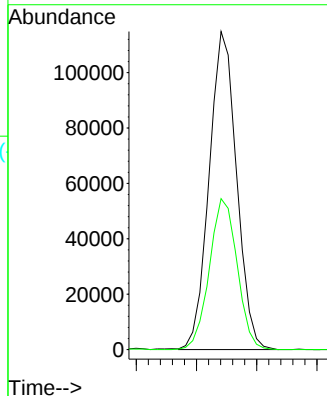
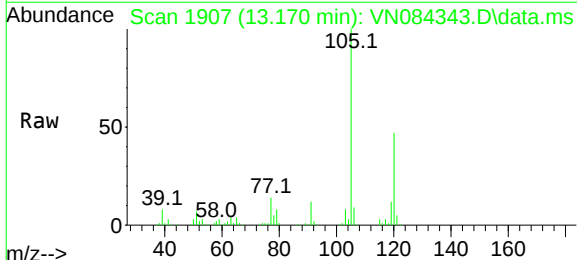
Manual Integrations
APPROVED

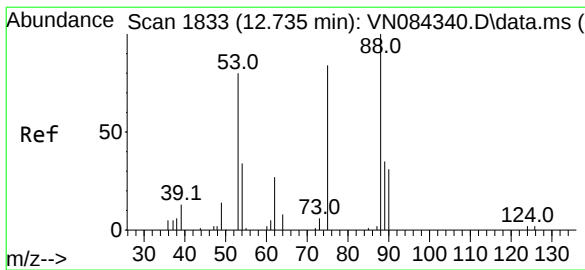
Reviewed By :John Carlone 10/09/2024
Supervised By :Mahesh Dadoda 10/09/2024



#76
1,3,5-Trimethylbenzene
Concen: 20.196 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN084343.D
Acq: 08 Oct 2024 12:09

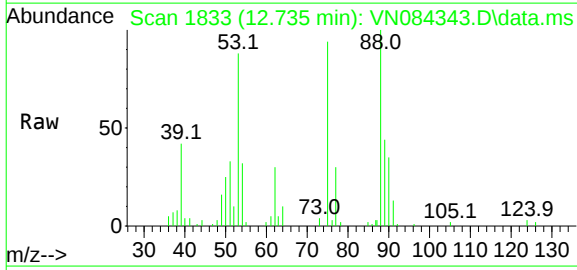
Tgt Ion:105 Resp: 181926
Ion Ratio Lower Upper
105 100
120 48.0 0.0 94.4





#77
t-1,4-Dichloro-2-butene
Concen: 18.889 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN084343.D
Acq: 08 Oct 2024 12:09

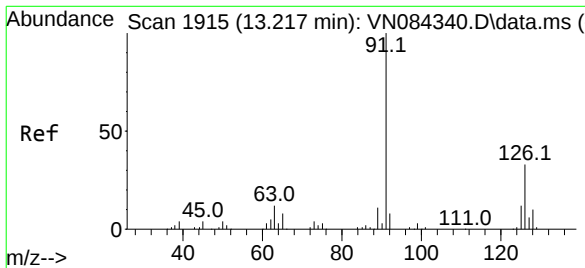
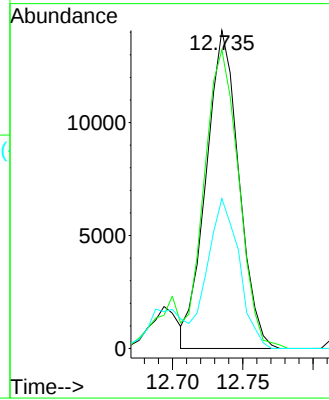
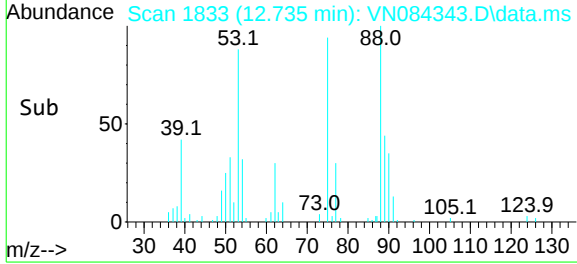
Instrument : MSVOA_N
ClientSampleId : ICVVN100824



Tgt Ion: 75 Resp: 22878
Ion Ratio Lower Upper
75 100
53 92.7 47.3 142.0
89 47.1 22.9 68.8

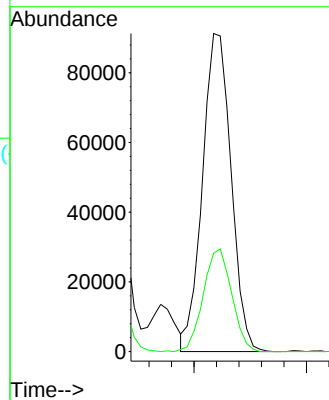
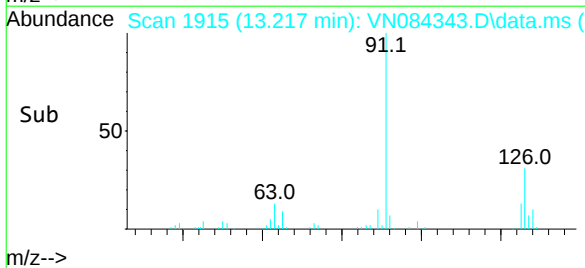
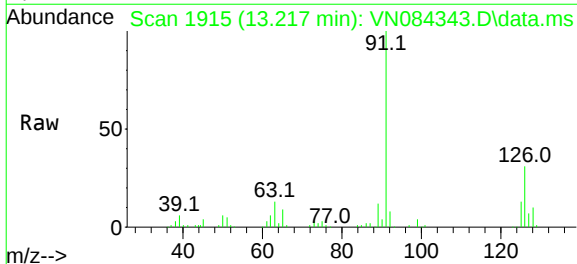
Manual Integrations
APPROVED

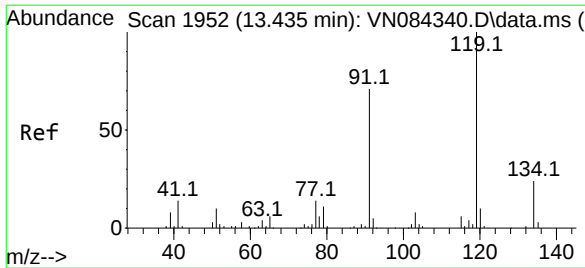
Reviewed By :John Carlone 10/09/2024
Supervised By :Mahesh Dadoda 10/09/2024



#78
4-Chlorotoluene
Concen: 20.008 ug/l
RT: 13.217 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VN084343.D
Acq: 08 Oct 2024 12:09

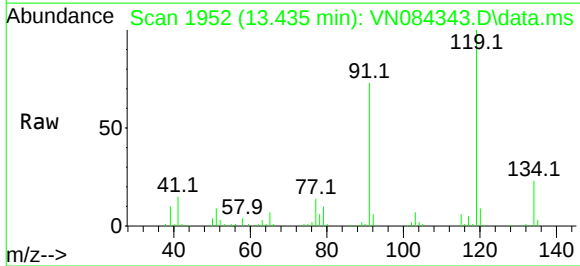
Tgt Ion: 91 Resp: 161150
Ion Ratio Lower Upper
91 100
126 32.0 0.0 62.4





#79
tert-butylbenzene
Concen: 20.197 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. 0.000 min
Lab File: VN084343.D
Acq: 08 Oct 2024 12:09

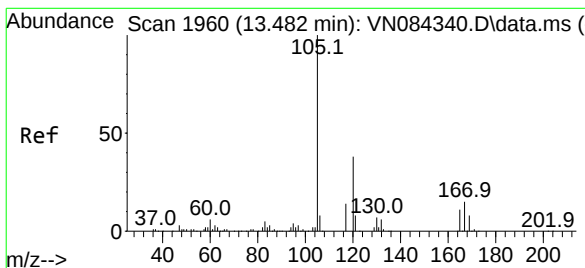
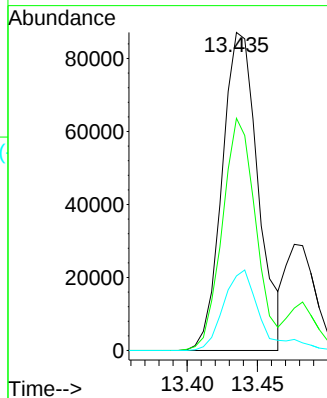
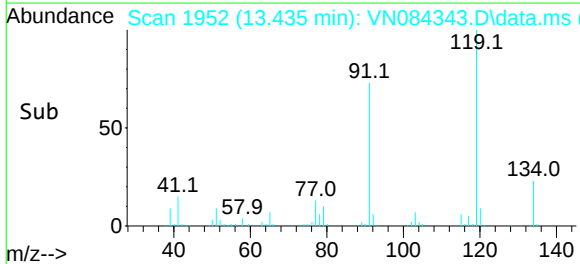
Instrument :
MSVOA_N
ClientSampleId :
ICVVN100824



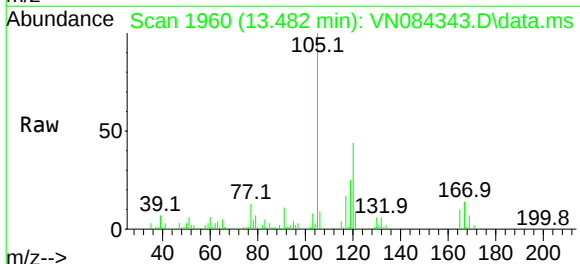
Tgt Ion:119 Resp: 155215
Ion Ratio Lower Upper
119 100
91 68.1 0.0 138.0
134 23.5 0.0 48.8

Manual Integrations
APPROVED

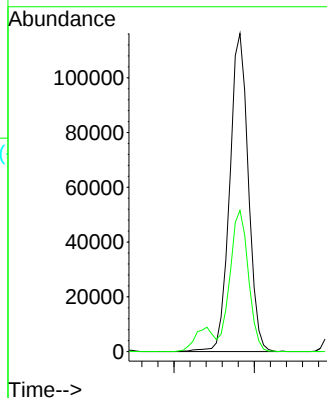
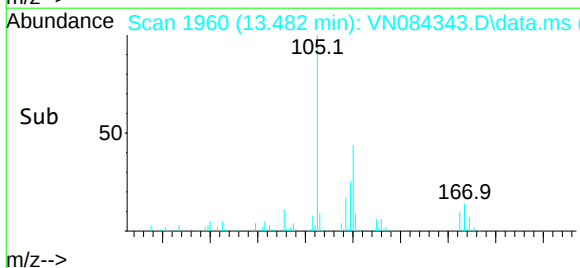
Reviewed By :John Carlone 10/09/2024
Supervised By :Mahesh Dadoda 10/09/2024

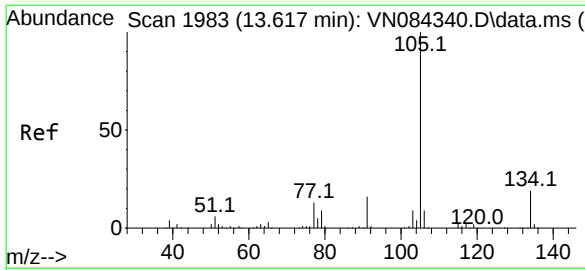


#80
1,2,4-Trimethylbenzene
Concen: 20.399 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN084343.D
Acq: 08 Oct 2024 12:09



Tgt Ion:105 Resp: 186446
Ion Ratio Lower Upper
105 100
120 44.1 0.0 88.8





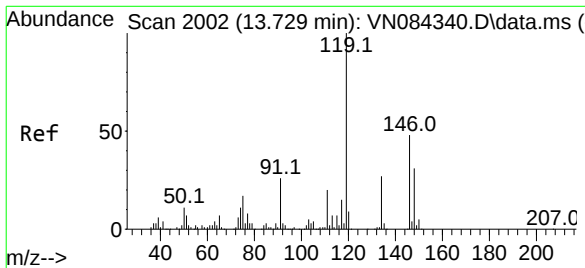
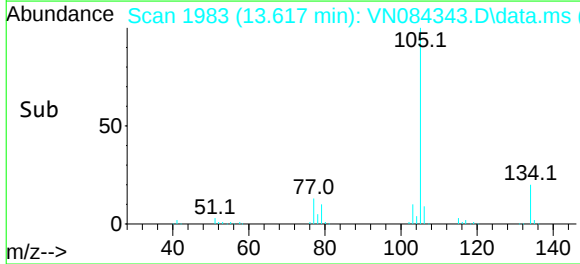
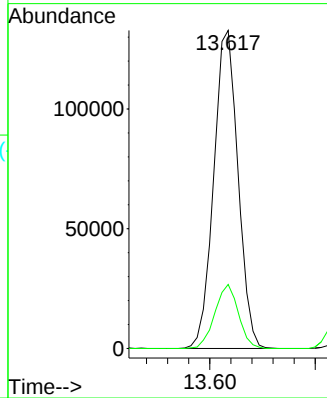
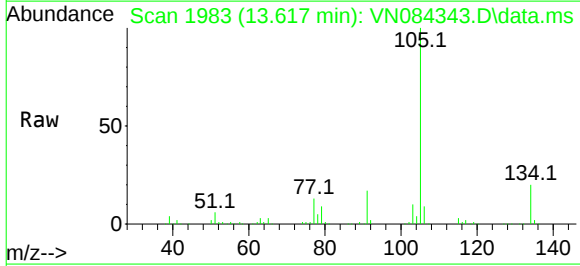
#81
sec-Butylbenzene
Concen: 20.077 ug/l
RT: 13.617 min Scan# 1983
Delta R.T. -0.000 min
Lab File: VN084343.D
Acq: 08 Oct 2024 12:09

Instrument :
MSVOA_N
ClientSampleId :
ICVVN100824

Tgt Ion:105 Resp: 212421
Ion Ratio Lower Upper
105 100
134 19.5 0.0 38.0

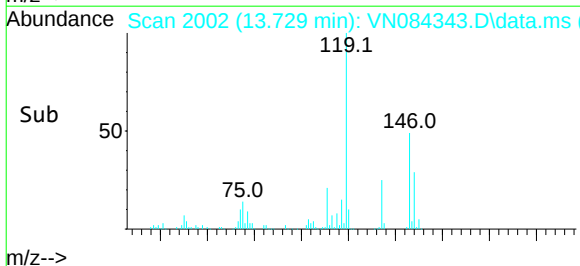
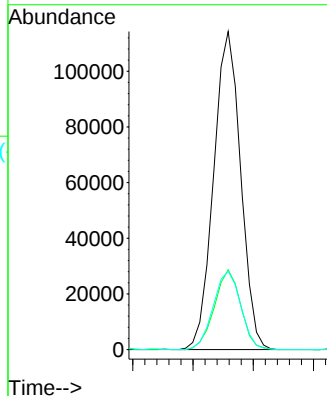
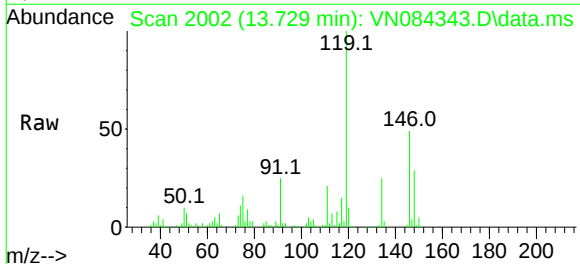
Manual Integrations
APPROVED

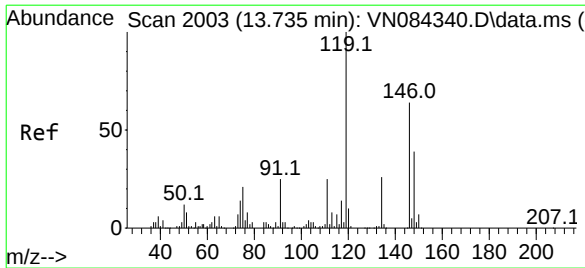
Reviewed By :John Carlone 10/09/2024
Supervised By :Mahesh Dadoda 10/09/2024



#82
p-Isopropyltoluene
Concen: 20.018 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. 0.000 min
Lab File: VN084343.D
Acq: 08 Oct 2024 12:09

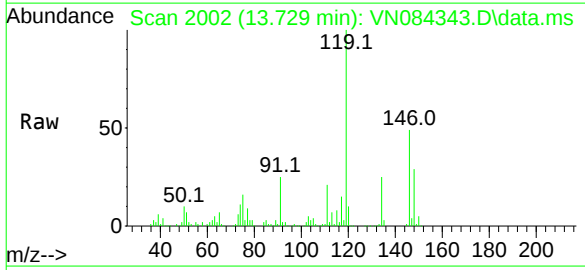
Tgt Ion:119 Resp: 178265
Ion Ratio Lower Upper
119 100
134 24.4 0.0 50.2
91 25.0 0.0 50.6





#83
1,3-Dichlorobenzene
Concen: 19.955 ug/l
RT: 13.729 min Scan# 2003
Delta R.T. -0.006 min
Lab File: VN084343.D
Acq: 08 Oct 2024 12:09

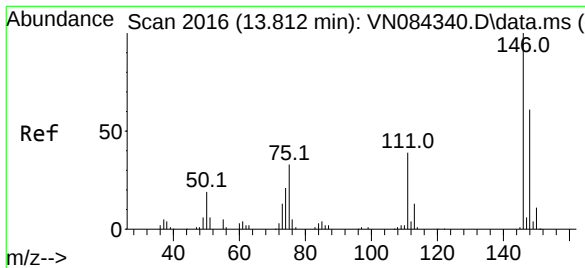
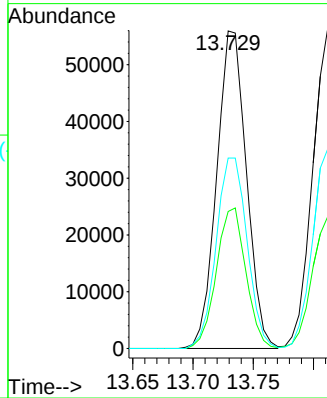
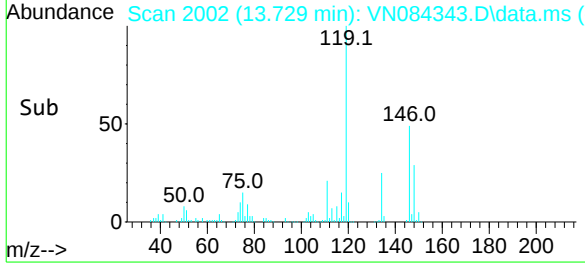
Instrument :
MSVOA_N
ClientSampleId :
ICVVN100824



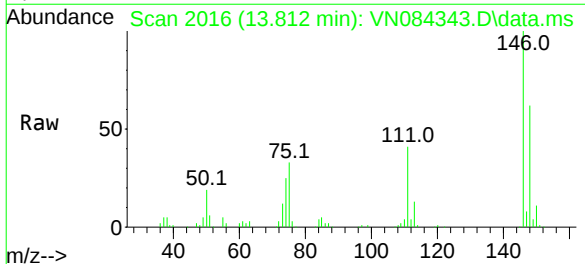
Tgt Ion:146 Resp: 96137
Ion Ratio Lower Upper
146 100
111 44.0 20.6 61.9
148 62.5 31.6 94.7

Manual Integrations
APPROVED

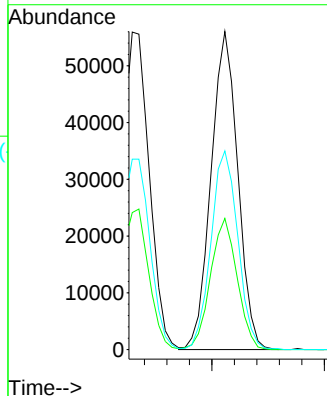
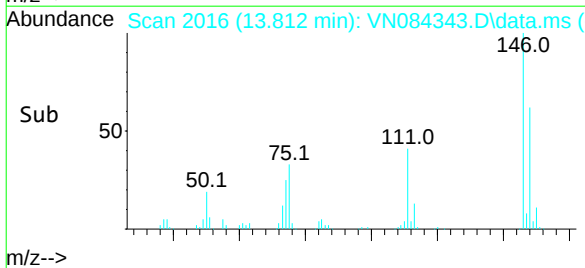
Reviewed By :John Carlone 10/09/2024
Supervised By :Mahesh Dadoda 10/09/2024

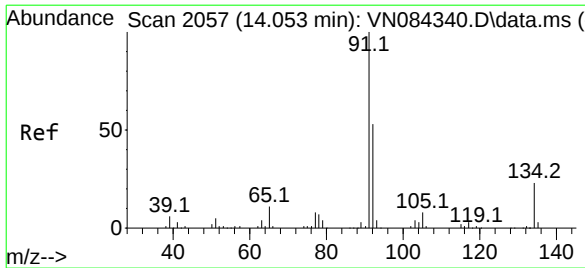


#84
1,4-Dichlorobenzene
Concen: 19.380 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN084343.D
Acq: 08 Oct 2024 12:09



Tgt Ion:146 Resp: 92714
Ion Ratio Lower Upper
146 100
111 41.1 20.5 61.5
148 62.8 32.5 97.4





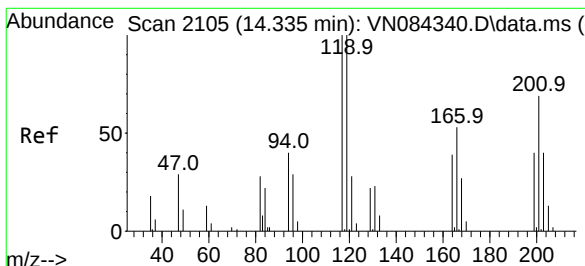
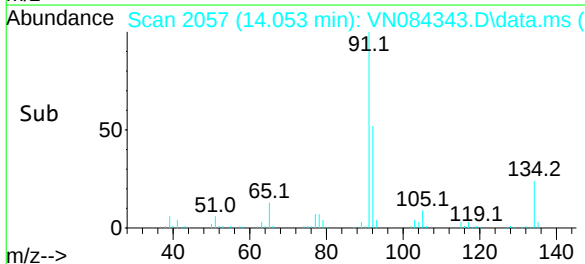
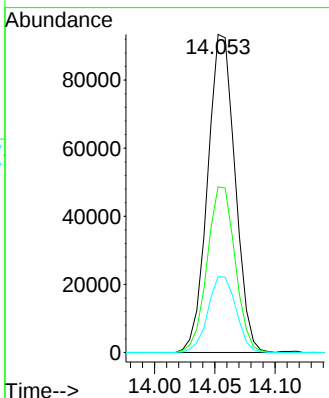
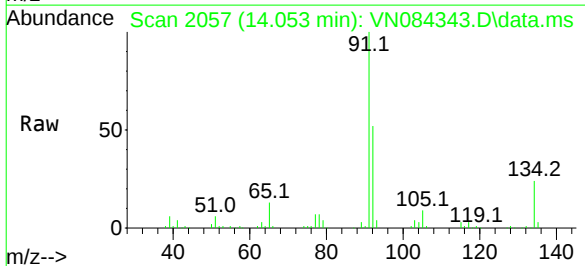
#85
n-Butylbenzene
Concen: 19.215 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN084343.D
Acq: 08 Oct 2024 12:09

Instrument :
MSVOA_N
ClientSampleId :
ICVVN100824

Tgt Ion: 91 Resp: 148207
Ion Ratio Lower Upper
91 100
92 53.0 0.0 103.4
134 24.3 0.0 48.0

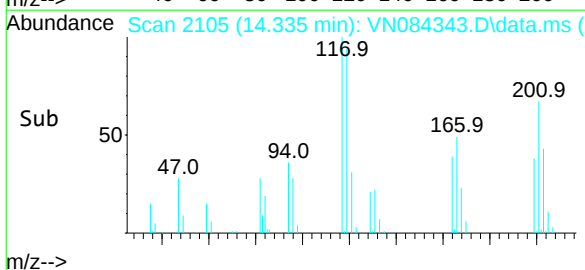
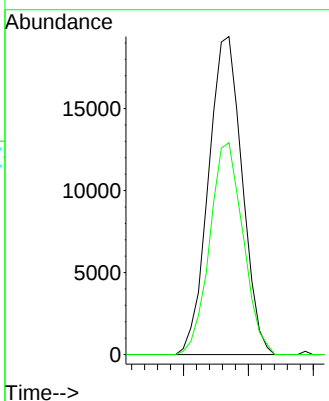
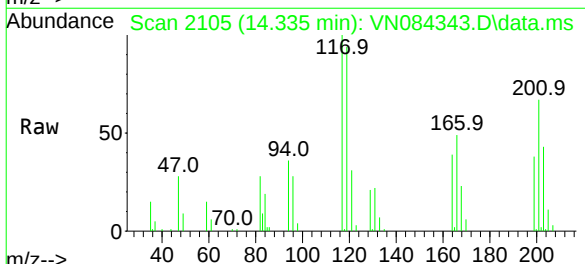
Manual Integrations
APPROVED

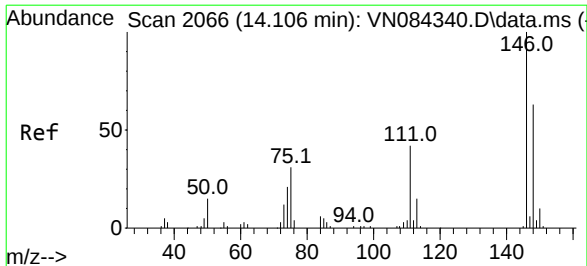
Reviewed By :John Carlone 10/09/2024
Supervised By :Mahesh Dadoda 10/09/2024



#86
Hexachloroethane
Concen: 20.356 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. -0.000 min
Lab File: VN084343.D
Acq: 08 Oct 2024 12:09

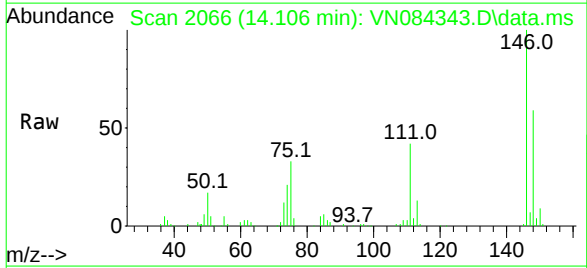
Tgt Ion:117 Resp: 34925
Ion Ratio Lower Upper
117 100
201 66.0 33.9 101.6





#87
1,2-Dichlorobenzene
Concen: 19.610 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN084343.D
Acq: 08 Oct 2024 12:09

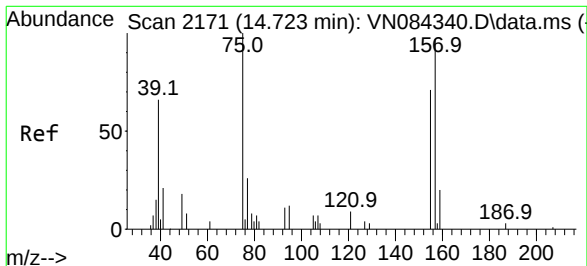
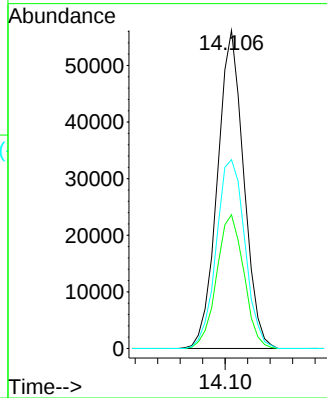
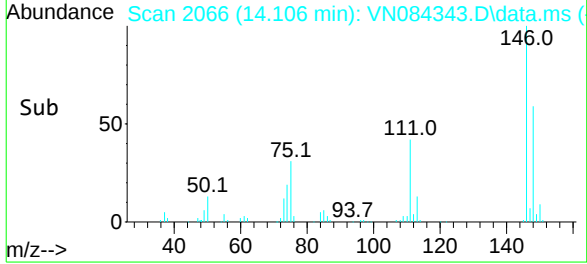
Instrument :
MSVOA_N
ClientSampleId :
ICVVN100824



Tgt Ion: 146 Resp: 91342
Ion Ratio Lower Upper
146 100
111 43.4 21.9 65.5
148 64.7 31.1 93.5

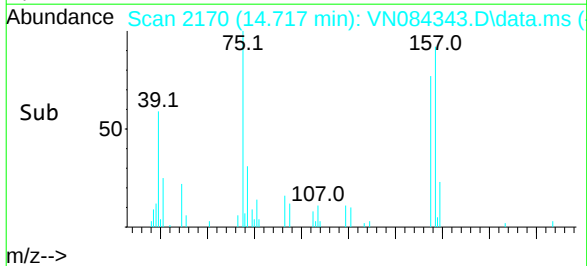
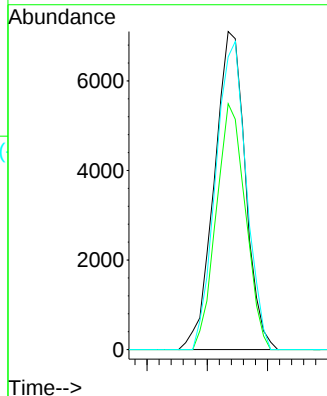
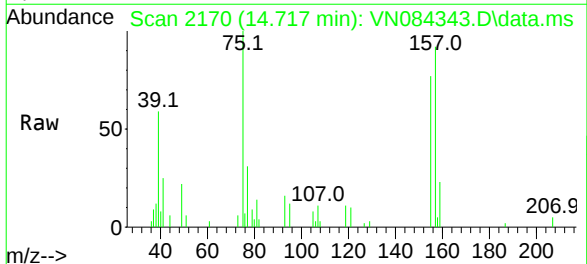
Manual Integrations
APPROVED

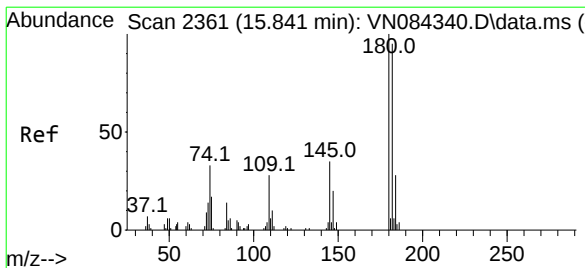
Reviewed By :John Carlone 10/09/2024
Supervised By :Mahesh Dadoda 10/09/2024



#88
1,2-Dibromo-3-Chloropropane
Concen: 18.815 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.006 min
Lab File: VN084343.D
Acq: 08 Oct 2024 12:09

Tgt Ion: 75 Resp: 12734
Ion Ratio Lower Upper
75 100
155 72.7 61.8 92.8
157 95.1 77.4 116.0





#89

1,2,4-Trichlorobenzene

Concen: 18.038 ug/l

RT: 15.835 min Scan# 2361

Delta R.T. -0.006 min

Lab File: VN084343.D

Acq: 08 Oct 2024 12:09

Instrument :

MSVOA_N

ClientSampleId :

ICVVN100824

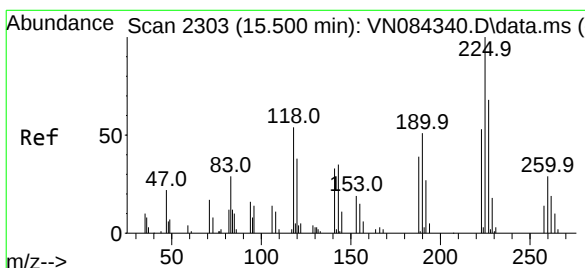
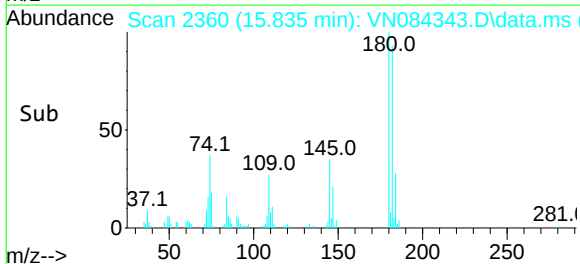
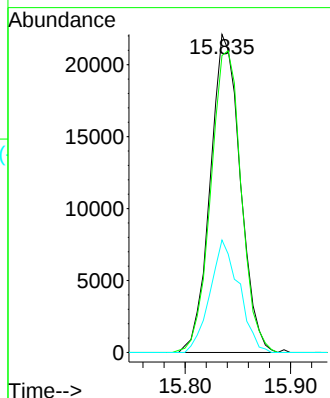
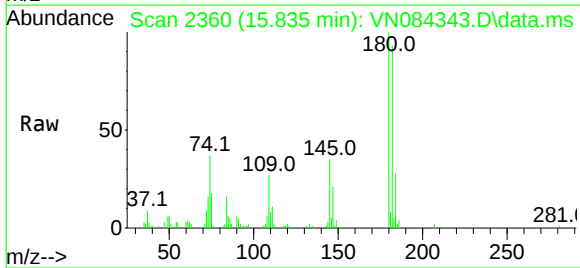
Tgt Ion:	180	Resp:	43683
Ion Ratio	Lower	Upper	
180	100		
182	96.4	77.8	116.6
145	34.4	28.9	43.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/09/2024

Supervised By :Mahesh Dadoda 10/09/2024



#90

Hexachlorobutadiene

Concen: 19.335 ug/l

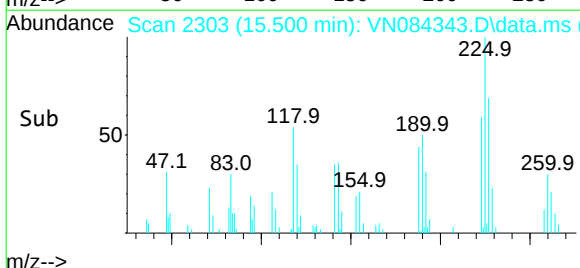
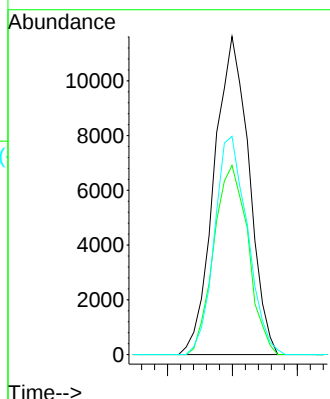
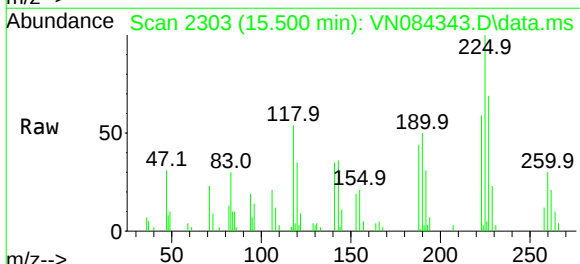
RT: 15.500 min Scan# 2303

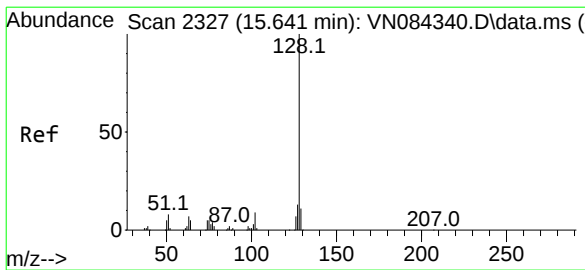
Delta R.T. 0.000 min

Lab File: VN084343.D

Acq: 08 Oct 2024 12:09

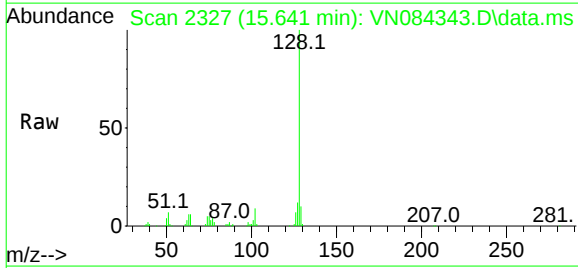
Tgt Ion:	225	Resp:	21663
Ion Ratio	Lower	Upper	
225	100		
223	58.4	0.0	124.0
227	65.1	0.0	130.8





#91
Naphthalene
Concen: 16.790 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. 0.000 min
Lab File: VN084343.D
Acq: 08 Oct 2024 12:09

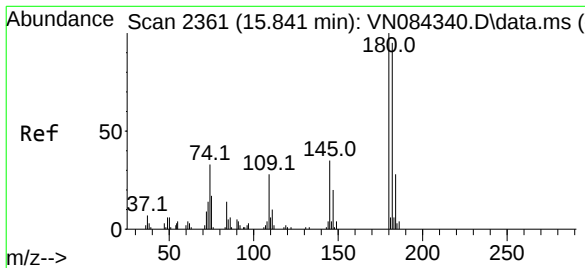
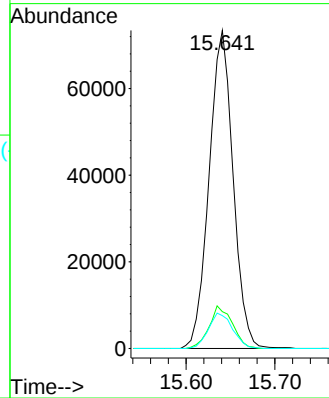
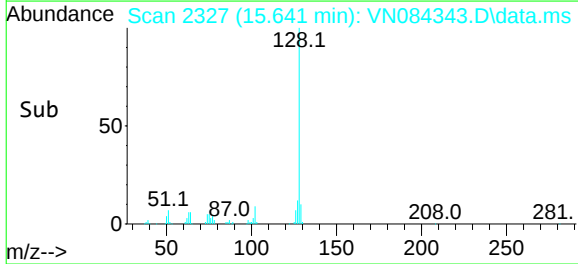
Instrument :
MSVOA_N
ClientSampleId :
ICVVN100824



Tgt Ion:128 Resp: 137791
Ion Ratio Lower Upper
128 100
127 13.0 10.3 15.5
129 11.2 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/09/2024
Supervised By :Mahesh Dadoda 10/09/2024



#92
1,2,3-Trichlorobenzene
Concen: 18.038 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. -0.006 min
Lab File: VN084343.D
Acq: 08 Oct 2024 12:09

Tgt Ion:180 Resp: 43683
Ion Ratio Lower Upper
180 100
182 96.4 0.0 194.4
145 34.4 0.0 72.2

