

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091224\
 Data File : VN083848.D
 Acq On : 13 Sep 2024 03:01
 Operator : JC\MD
 Sample : VN0912WBS04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0912WBS04

Quant Time: Sep 13 03:37:41 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 11 15:18:56 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

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

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	145415	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	257482	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	223966	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	107495	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	119777	54.627	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 109.260%			
35) Dibromofluoromethane	8.165	113	83174	50.458	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.920%			
50) Toluene-d8	10.565	98	300634	52.757	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 105.520%			
62) 4-Bromofluorobenzene	12.847	95	118770	50.518	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 101.040%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.124	85	30961	18.333	ug/l	99
3) Chloromethane	2.359	50	32835	17.853	ug/l	99
4) Vinyl Chloride	2.512	62	34809	18.805	ug/l	96
5) Bromomethane	2.900	94	20051	18.866	ug/l	98
6) Chloroethane	3.065	64	23800	18.330	ug/l	99
7) Trichlorofluoromethane	3.465	101	59084	18.804	ug/l	96
8) Diethyl Ether	3.959	74	20741	19.692	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.353	101	31503	18.916	ug/l	98
10) Methyl Iodide	4.583	142	40125	18.944	ug/l	99
11) Tert butyl alcohol	5.541	59	30088	102.474	ug/l	98
12) 1,1-Dichloroethene	4.330	96	29529	18.775	ug/l	95
13) Acrolein	4.177	56	30371	104.835	ug/l	97
14) Allyl chloride	5.012	41	51956	18.539	ug/l	95
15) Acrylonitrile	5.718	53	78804	98.691	ug/l	99
16) Acetone	4.430	43	69799	79.409	ug/l	98
17) Carbon Disulfide	4.694	76	74780	16.997	ug/l	97
18) Methyl Acetate	5.018	43	42741	22.310	ug/l	99
19) Methyl tert-butyl Ether	5.789	73	111676	19.622	ug/l	99
20) Methylene Chloride	5.265	84	33486	18.617	ug/l	95
21) trans-1,2-Dichloroethene	5.777	96	30161	17.894	ug/l	86
22) Diisopropyl ether	6.665	45	113978	19.757	ug/l	96
23) Vinyl Acetate	6.600	43	408284	96.639	ug/l	100
24) 1,1-Dichloroethane	6.565	63	63248	19.029	ug/l	98
25) 2-Butanone	7.483	43	106260	91.978	ug/l	98
26) 2,2-Dichloropropane	7.488	77	42758	13.969	ug/l	97
27) cis-1,2-Dichloroethene	7.488	96	38878	19.430	ug/l	97
28) Bromochloromethane	7.812	49	29213	20.871	ug/l	95
29) Tetrahydrofuran	7.841	42	68599	100.422	ug/l	98
30) Chloroform	7.965	83	67556	19.145	ug/l	98
31) Cyclohexane	8.253	56	55136	17.399	ug/l	95
32) 1,1,1-Trichloroethane	8.165	97	62513	19.267	ug/l	98
36) 1,1-Dichloropropene	8.365	75	44393	17.893	ug/l	99
37) Ethyl Acetate	7.559	43	46510	20.652	ug/l	96
38) Carbon Tetrachloride	8.359	117	52586	18.683	ug/l	98
39) Methylcyclohexane	9.600	83	48928	17.326	ug/l	99
40) Benzene	8.600	78	138230	18.511	ug/l	98

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Quant Time: Sep 13 03:37:41 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 11 15:18:56 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	25337	19.022	ug/l	99
42) 1,2-Dichloroethane	8.671	62	54081	19.381	ug/l	100
43) Isopropyl Acetate	8.688	43	96024	23.530	ug/l	95
44) Trichloroethene	9.353	130	32182	18.610	ug/l	88
45) 1,2-Dichloropropane	9.618	63	34239	18.970	ug/l	100
46) Dibromomethane	9.712	93	24697	19.536	ug/l	97
47) Bromodichloromethane	9.888	83	51616	18.866	ug/l	96
48) Methyl methacrylate	9.682	41	38129	19.693	ug/l	96
49) 1,4-Dioxane	9.694	88	12712	399.103	ug/l #	97
51) 4-Methyl-2-Pentanone	10.447	43	226081	101.770	ug/l	97
52) Toluene	10.629	92	86668	18.974	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	48789	17.593	ug/l	95
54) cis-1,3-Dichloropropene	10.312	75	52246	17.935	ug/l	95
55) 1,1,2-Trichloroethane	11.012	97	32327	18.957	ug/l	98
56) Ethyl methacrylate	10.871	69	51422	19.600	ug/l	92
57) 1,3-Dichloropropane	11.165	76	57170	19.507	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	113614	120.182	ug/l	100
59) 2-Hexanone	11.194	43	161774	98.445	ug/l	99
60) Dibromochloromethane	11.359	129	36981	19.378	ug/l	95
61) 1,2-Dibromoethane	11.470	107	31977	18.803	ug/l	99
64) Tetrachloroethene	11.100	164	27213	18.271	ug/l	90
65) Chlorobenzene	11.888	112	89787	18.038	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	32414	18.784	ug/l	99
67) Ethyl Benzene	11.965	91	163364	18.475	ug/l	100
68) m/p-Xylenes	12.070	106	121721	37.077	ug/l	98
69) o-Xylene	12.400	106	59749	18.800	ug/l	100
70) Styrene	12.412	104	99281	19.035	ug/l	99
71) Bromoform	12.576	173	22716	19.535	ug/l #	100
73) Isopropylbenzene	12.694	105	154258	18.548	ug/l	100
74) N-amyl acetate	12.494	43	71078	20.032	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.935	83	46607	19.074	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	45893m	21.158	ug/l	
77) Bromobenzene	12.982	156	35887	17.927	ug/l	100
78) n-propylbenzene	13.035	91	170896	17.661	ug/l	99
79) 2-Chlorotoluene	13.123	91	111209	18.021	ug/l	100
80) 1,3,5-Trimethylbenzene	13.170	105	125996	17.970	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	14113	17.041	ug/l	95
82) 4-Chlorotoluene	13.217	91	112104	18.102	ug/l	100
83) tert-Butylbenzene	13.435	119	111264	18.138	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	126634	17.980	ug/l	99
85) sec-Butylbenzene	13.617	105	146672	18.029	ug/l	99
86) p-Isopropyltoluene	13.729	119	121381	17.798	ug/l	98
87) 1,3-Dichlorobenzene	13.729	146	66853	17.695	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	66943	17.499	ug/l	99
89) n-Butylbenzene	14.053	91	100555	16.422	ug/l	99
90) Hexachloroethane	14.329	117	23680	17.273	ug/l	98
91) 1,2-Dichlorobenzene	14.106	146	65918	18.079	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.717	75	9978	20.484	ug/l	94
93) 1,2,4-Trichlorobenzene	15.394	180	32596	16.659	ug/l	99
94) Hexachlorobutadiene	15.500	225	13785	16.590	ug/l	96
95) Naphthalene	15.641	128	110332	18.535	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	31375	16.779	ug/l	98

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MSVOA_N
ClientSampleId :
VN0912WBS04

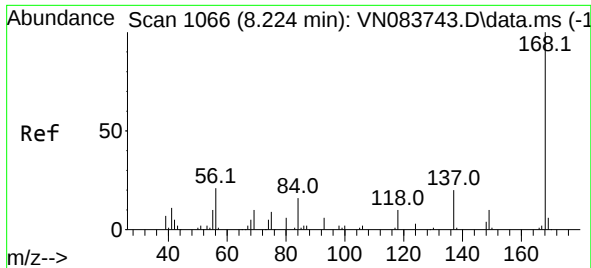
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 09/13/2024

Quant Time: Sep 13 03:37:41 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 11 15:18:56 2024
Response via : Initial Calibration

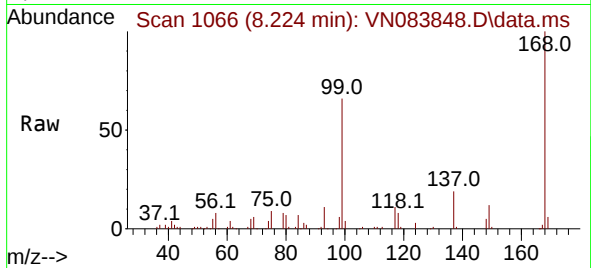
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083848.D
Acq: 13 Sep 2024 03:01

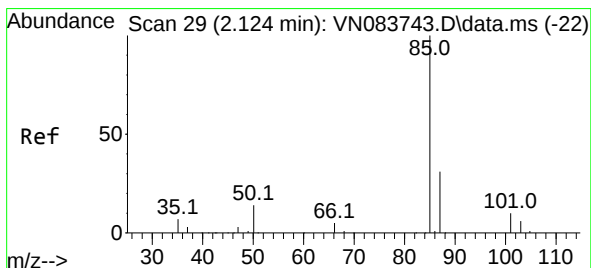
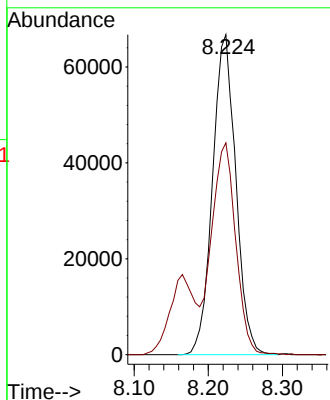
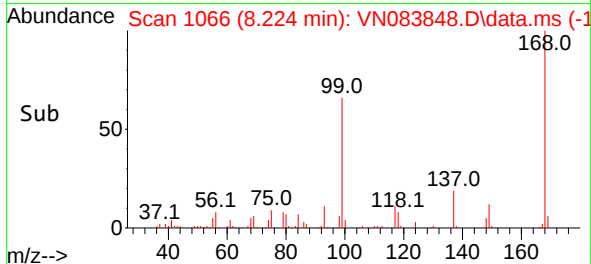
Instrument :
MSVOA_N
ClientSampleId :
VN0912WBS04



Tgt Ion:168 Resp: 145415
Ion Ratio Lower Upper
168 100
99 65.9 54.2 81.2

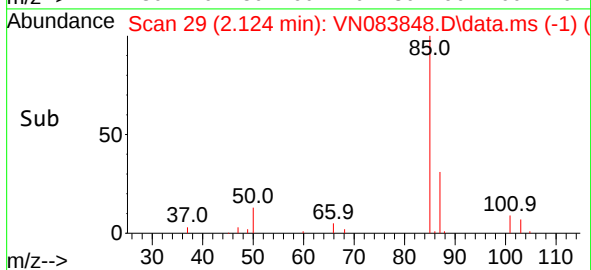
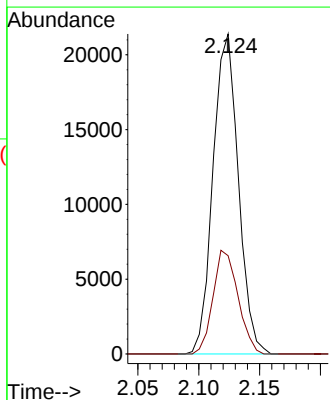
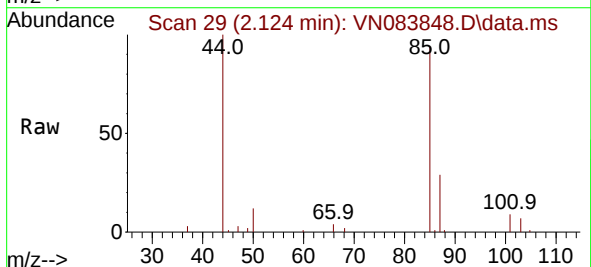
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 09/13/2024



#2
Dichlorodifluoromethane
Concen: 18.333 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN083848.D
Acq: 13 Sep 2024 03:01

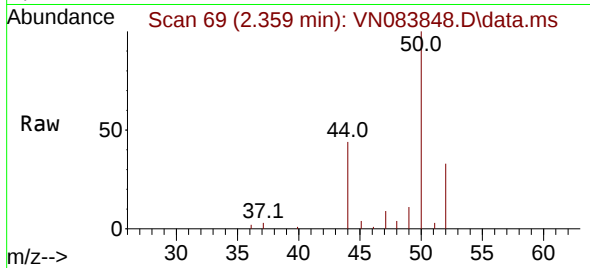
Tgt Ion: 85 Resp: 30961
Ion Ratio Lower Upper
85 100
87 30.7 15.7 47.0





#3
Chloromethane
Concen: 17.853 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN083848.D
Acq: 13 Sep 2024 03:01

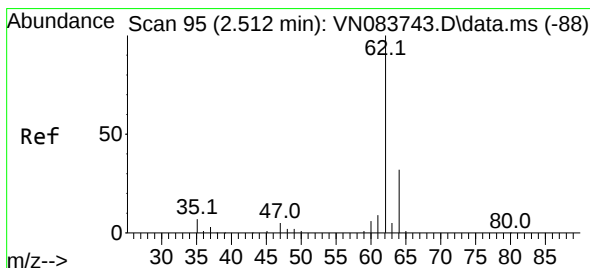
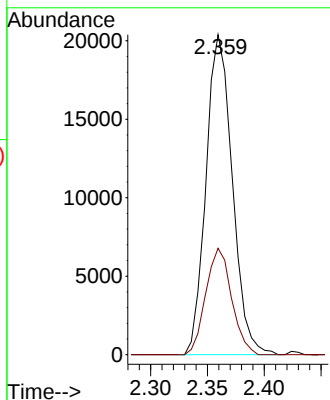
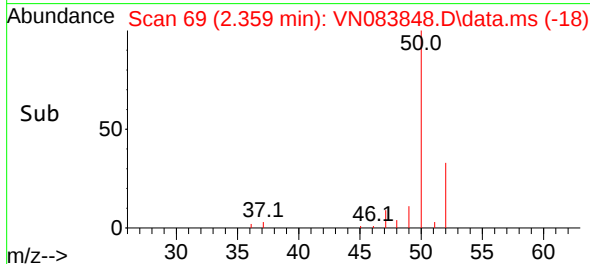
Instrument :
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ClientSampleId :
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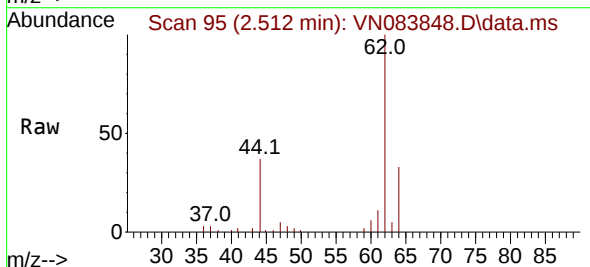
Tgt Ion: 50 Resp: 3283
Ion Ratio Lower Upper
50 100
52 33.3 27.2 40.8

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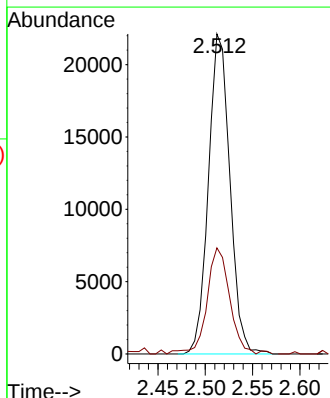
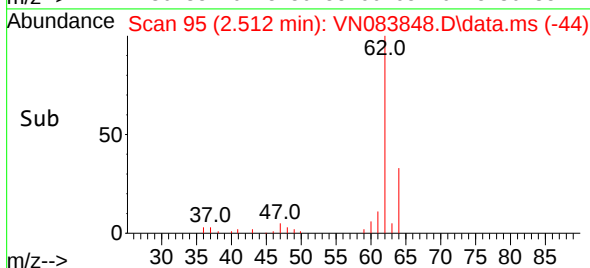
Reviewed By :John Carlone 09/13/2024
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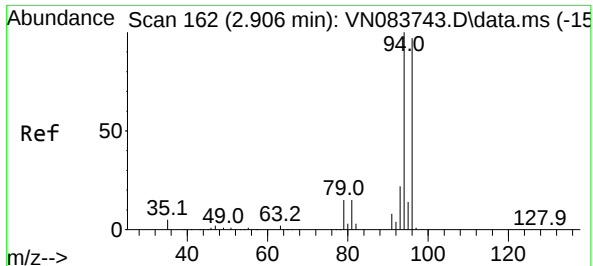


#4
Vinyl Chloride
Concen: 18.805 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.000 min
Lab File: VN083848.D
Acq: 13 Sep 2024 03:01



Tgt Ion: 62 Resp: 34809
Ion Ratio Lower Upper
62 100
64 33.1 24.7 37.1





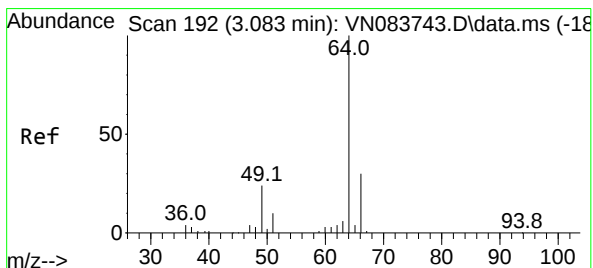
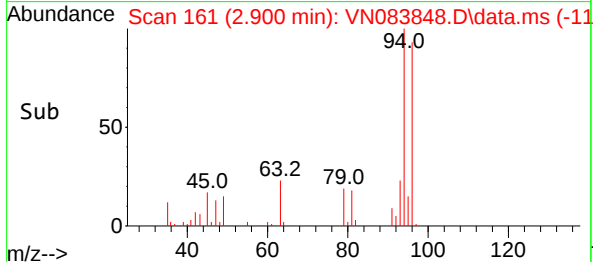
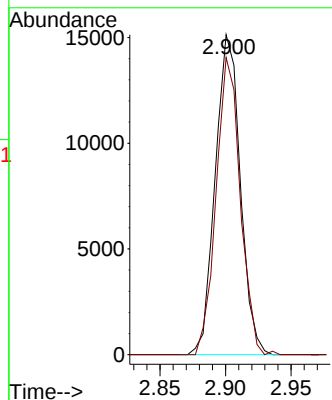
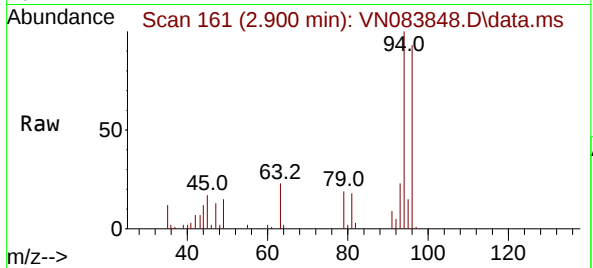
#5
Bromomethane
Concen: 18.866 ug/l
RT: 2.900 min Scan# 10
Delta R.T. -0.006 min
Lab File: VN083848.D
Acq: 13 Sep 2024 03:01

Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion: 94 Resp: 2005
Ion Ratio Lower Upper
94 100
96 92.8 76.0 114.0

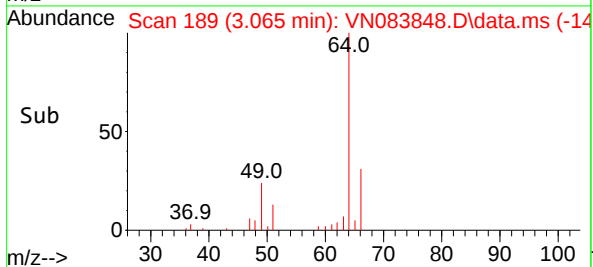
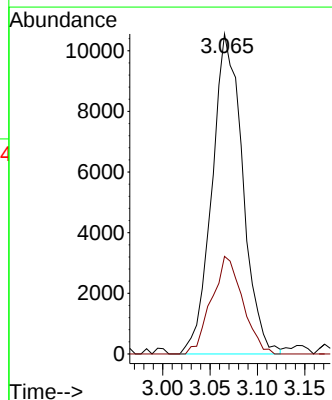
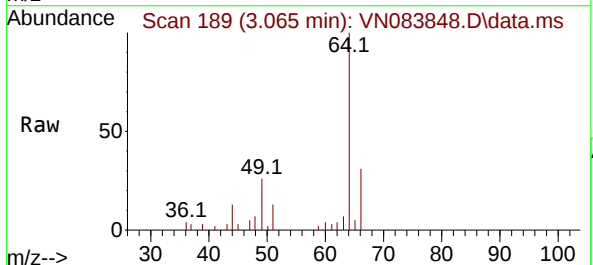
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#6
Chloroethane
Concen: 18.330 ug/l
RT: 3.065 min Scan# 189
Delta R.T. -0.018 min
Lab File: VN083848.D
Acq: 13 Sep 2024 03:01

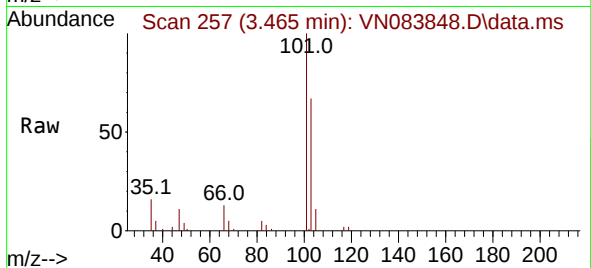
Tgt Ion: 64 Resp: 23800
Ion Ratio Lower Upper
64 100
66 30.5 23.9 35.9





#7
 Trichlorofluoromethane
 Concen: 18.804 ug/l
 RT: 3.465 min Scan# 210
 Delta R.T. -0.006 min
 Lab File: VN083848.D
 Acq: 13 Sep 2024 03:01

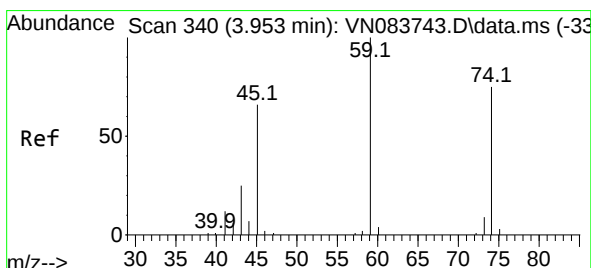
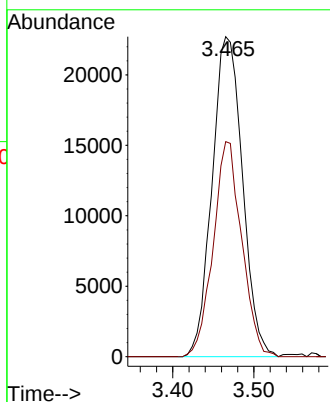
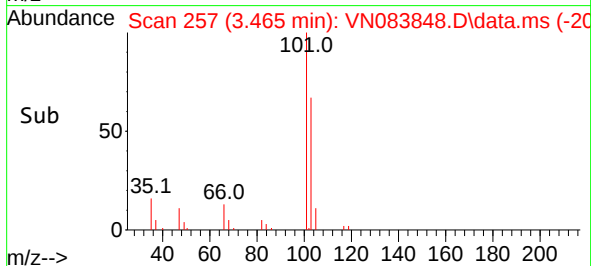
Instrument :
 MSVOA_N
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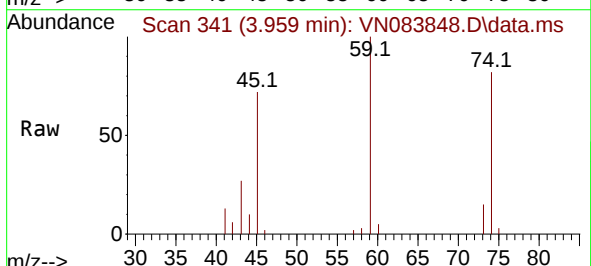
Tgt Ion:101 Resp: 59084
 Ion Ratio Lower Upper
 101 100
 103 67.2 51.4 77.0

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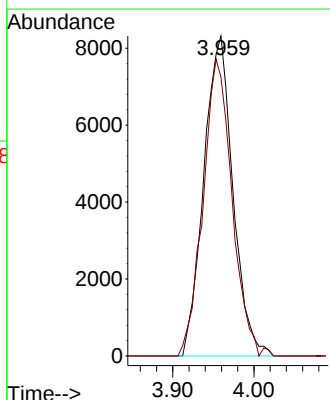
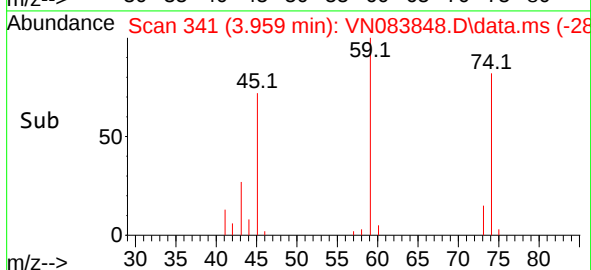
Reviewed By :John Carlone 09/13/2024
 Supervised By :Mahesh Dadoda 09/13/2024



#8
 Diethyl Ether
 Concen: 19.692 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. 0.006 min
 Lab File: VN083848.D
 Acq: 13 Sep 2024 03:01



Tgt Ion: 74 Resp: 20741
 Ion Ratio Lower Upper
 74 100
 45 92.2 46.7 140.1





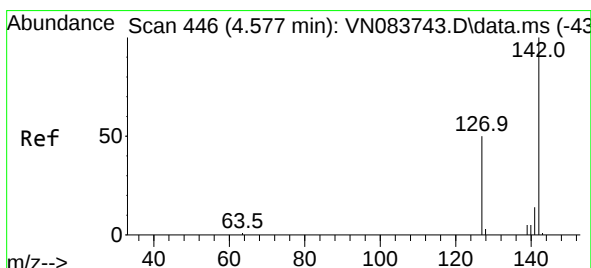
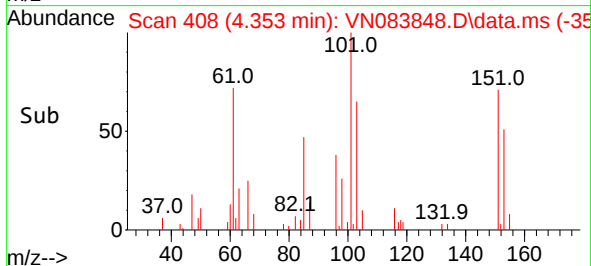
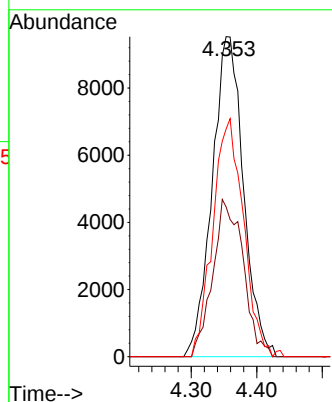
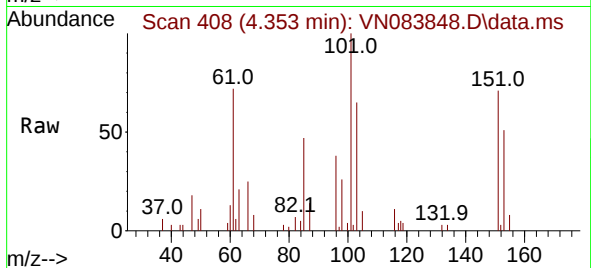
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1,1,2-Trichlorotrifluoroethane
Concen: 18.916 ug/l
RT: 4.353 min Scan# 408
Delta R.T. -0.000 min
Lab File: VN083848.D
Acq: 13 Sep 2024 03:01

Instrument :
MSVOA_N
ClientSampleId :
VN0912WBS04

Tgt Ion:101 Resp: 3150
Ion Ratio Lower Upper
101 100
85 47.8 36.2 54.4
151 73.0 57.7 86.5

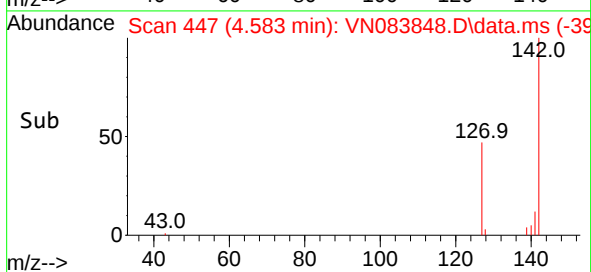
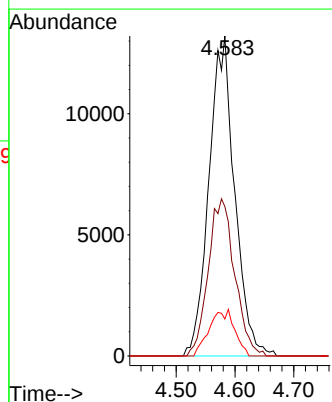
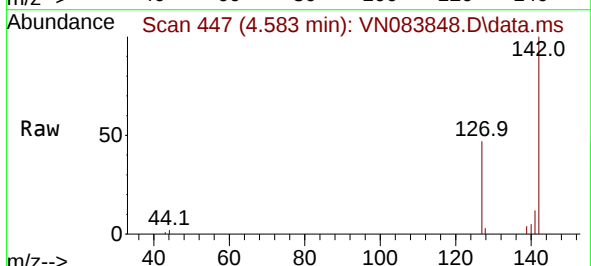
Manual Integrations
APPROVED

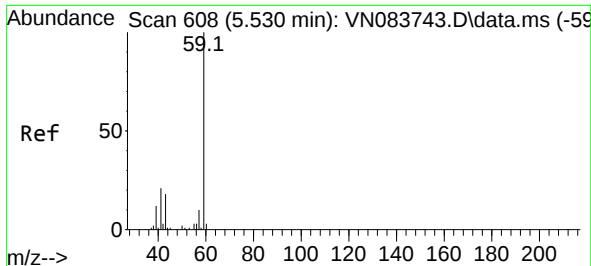
Reviewed By :John Carlone 09/13/2024
Supervised By :Mahesh Dadoda 09/13/2024



#10
Methyl Iodide
Concen: 18.944 ug/l
RT: 4.583 min Scan# 447
Delta R.T. 0.006 min
Lab File: VN083848.D
Acq: 13 Sep 2024 03:01

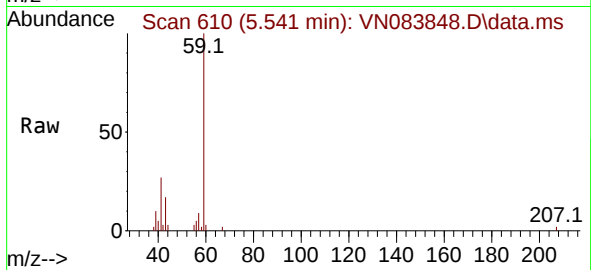
Tgt Ion:142 Resp: 40125
Ion Ratio Lower Upper
142 100
127 46.7 37.5 56.3
141 11.5 11.0 16.4





#11
Tert butyl alcohol
Concen: 102.474 ug/l
RT: 5.541 min Scan# 610
Delta R.T. 0.012 min
Lab File: VN083848.D
Acq: 13 Sep 2024 03:01

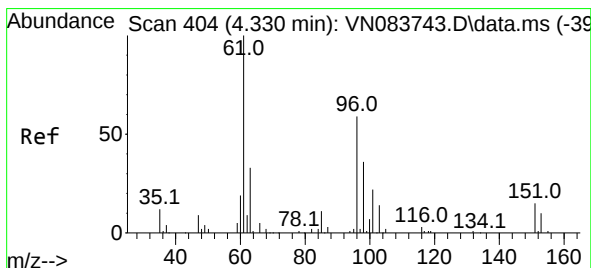
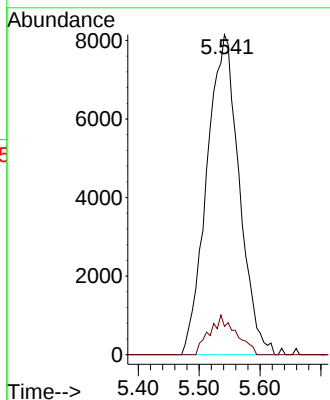
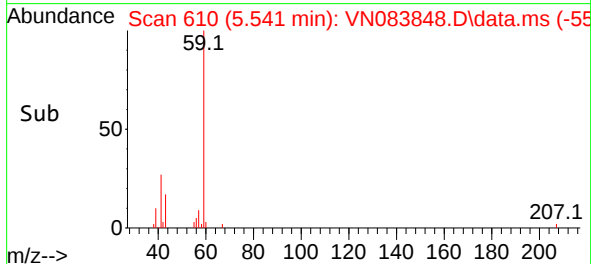
Instrument :
MSVOA_N
ClientSampleId :
VN0912WBS04



Tgt Ion: 59 Resp: 3008
Ion Ratio Lower Upper
59 100
57 10.1 8.7 13.1

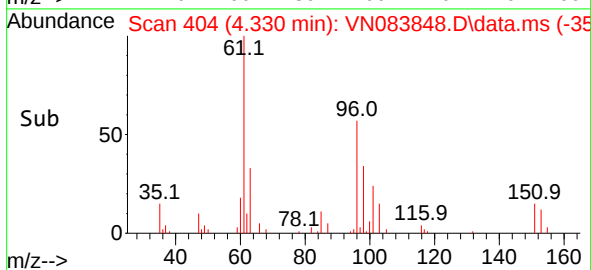
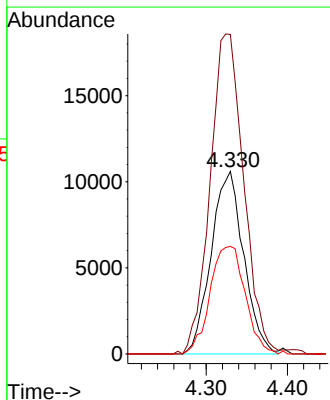
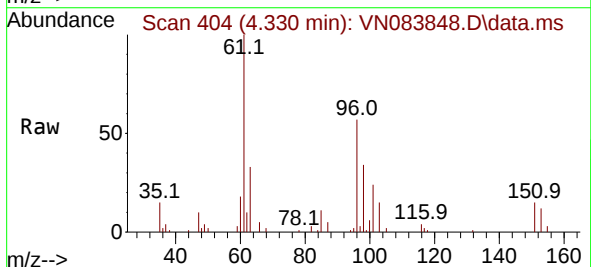
Manual Integrations
APPROVED

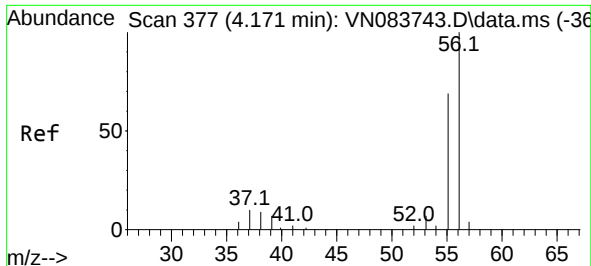
Reviewed By :John Carlone 09/13/2024
Supervised By :Mahesh Dadoda 09/13/2024



#12
1,1-Dichloroethene
Concen: 18.775 ug/l
RT: 4.330 min Scan# 404
Delta R.T. -0.000 min
Lab File: VN083848.D
Acq: 13 Sep 2024 03:01

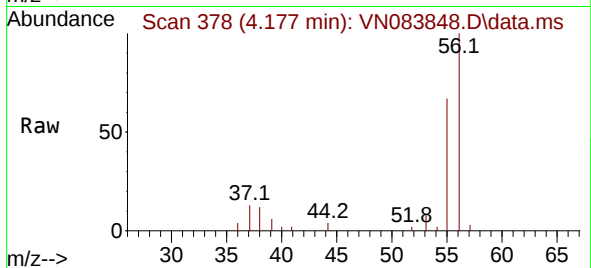
Tgt Ion: 96 Resp: 29529
Ion Ratio Lower Upper
96 100
61 173.7 143.4 215.0
98 58.9 52.7 79.1





#13
Acrolein
Concen: 104.835 ug/l
RT: 4.177 min Scan# 31
Delta R.T. 0.006 min
Lab File: VN083848.D
Acq: 13 Sep 2024 03:01

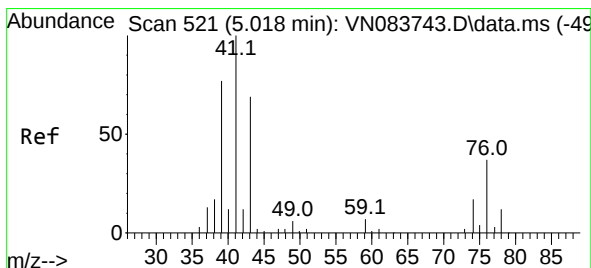
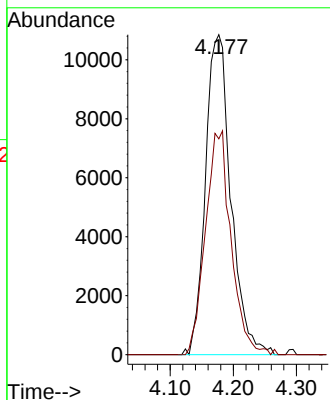
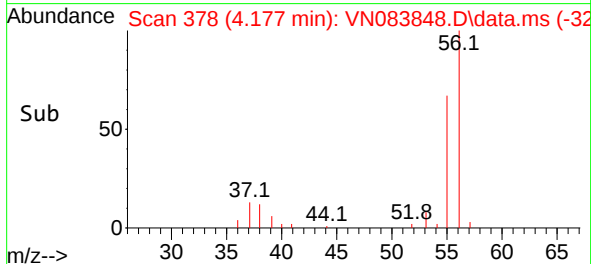
Instrument :
MSVOA_N
ClientSampleId :
VN0912WBS04



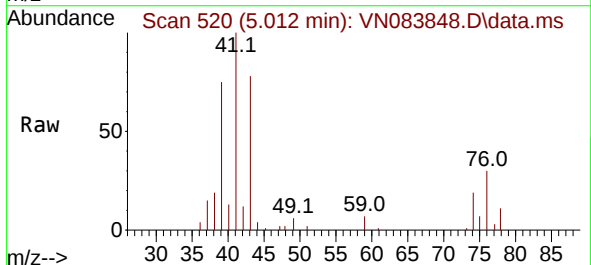
Tgt Ion: 56 Resp: 3037
Ion Ratio Lower Upper
56 100
55 70.5 58.2 87.2

Manual Integrations
APPROVED

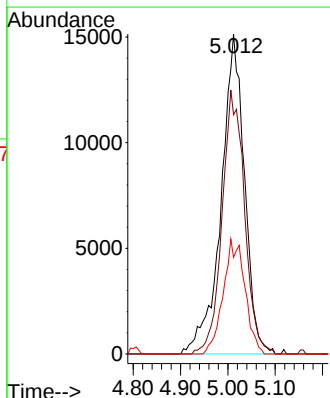
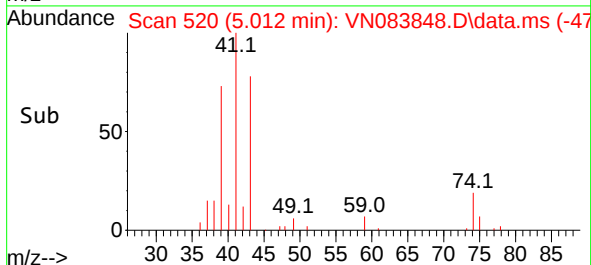
Reviewed By :John Carlone 09/13/2024
Supervised By :Mahesh Dadoda 09/13/2024



#14
Allyl chloride
Concen: 18.539 ug/l
RT: 5.012 min Scan# 520
Delta R.T. -0.006 min
Lab File: VN083848.D
Acq: 13 Sep 2024 03:01



Tgt Ion: 41 Resp: 51956
Ion Ratio Lower Upper
41 100
39 79.0 59.3 88.9
76 33.2 27.7 41.5





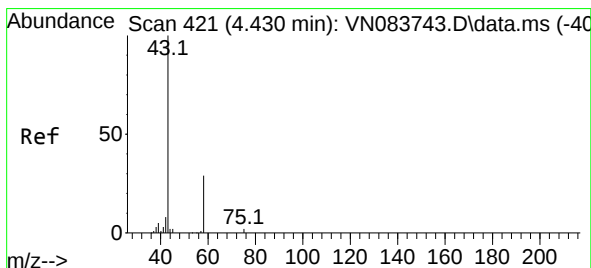
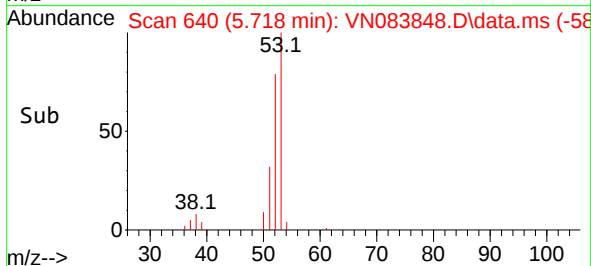
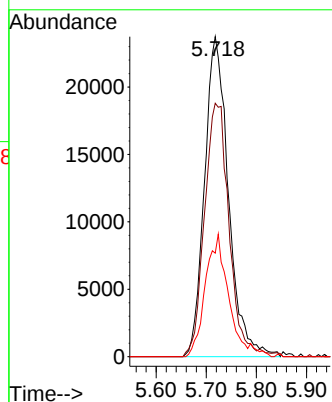
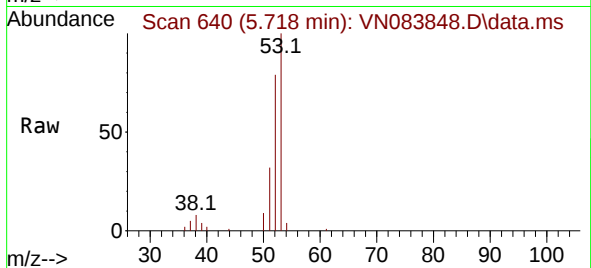
#15
Acrylonitrile
Concen: 98.691 ug/l
RT: 5.718 min Scan# 640
Delta R.T. -0.000 min
Lab File: VN083848.D
Acq: 13 Sep 2024 03:01

Instrument :
MSVOA_N
ClientSampleId :
VN0912WBS04

Tgt Ion: 53 Resp: 78804
Ion Ratio Lower Upper
53 100
52 81.1 66.1 99.1
51 37.4 29.6 44.4

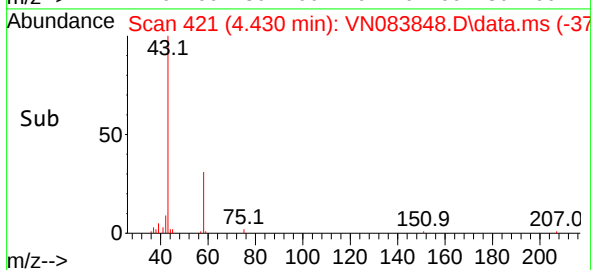
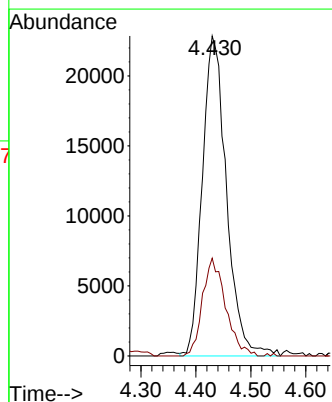
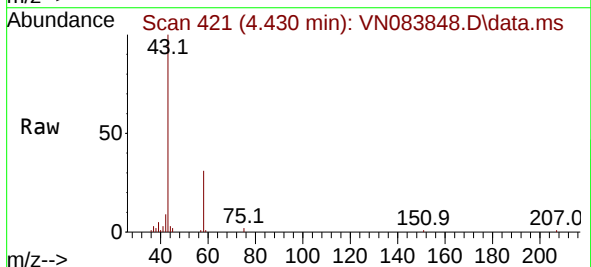
Manual Integrations
APPROVED

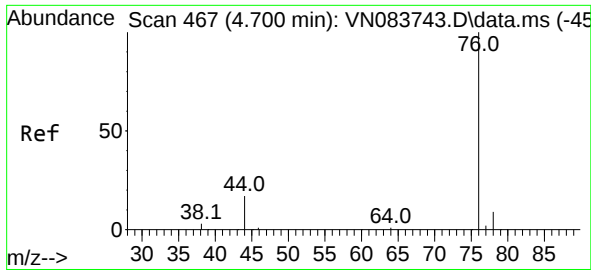
Reviewed By :John Carlone 09/13/2024
Supervised By :Mahesh Dadoda 09/13/2024



#16
Acetone
Concen: 79.409 ug/l
RT: 4.430 min Scan# 421
Delta R.T. -0.000 min
Lab File: VN083848.D
Acq: 13 Sep 2024 03:01

Tgt Ion: 43 Resp: 69799
Ion Ratio Lower Upper
43 100
58 30.6 23.7 35.5





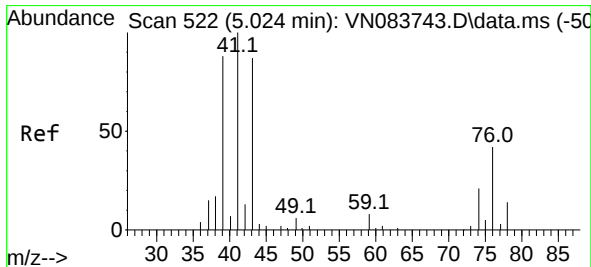
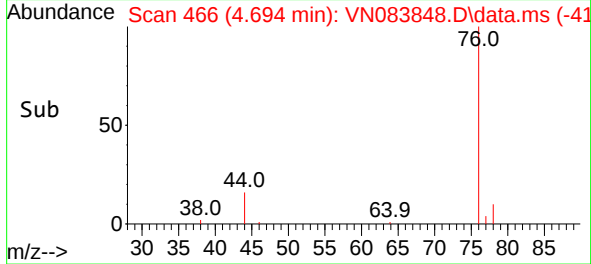
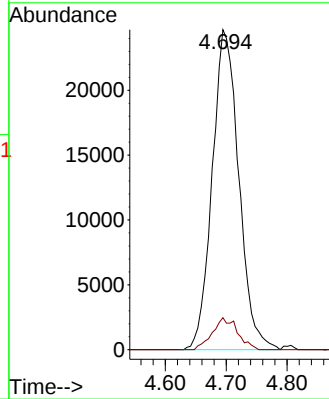
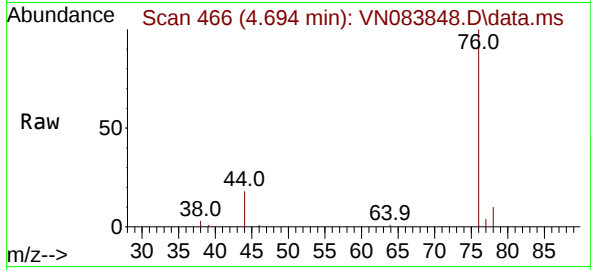
#17
Carbon Disulfide
Concen: 16.997 ug/l
RT: 4.694 min Scan# 466
Delta R.T. -0.006 min
Lab File: VN083848.D
Acq: 13 Sep 2024 03:01

Instrument :
MSVOA_N
ClientSampleId :
VN0912WBS04

Tgt Ion: 76 Resp: 74780
Ion Ratio Lower Upper
76 100
78 10.0 7.1 10.7

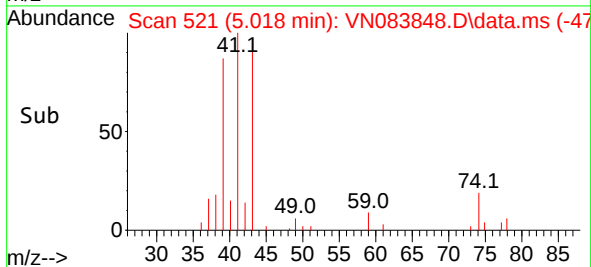
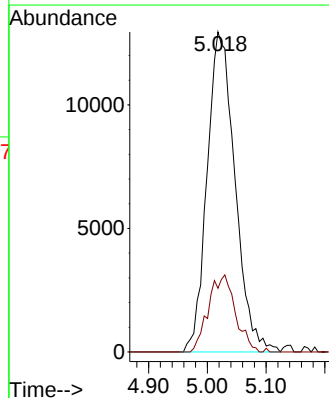
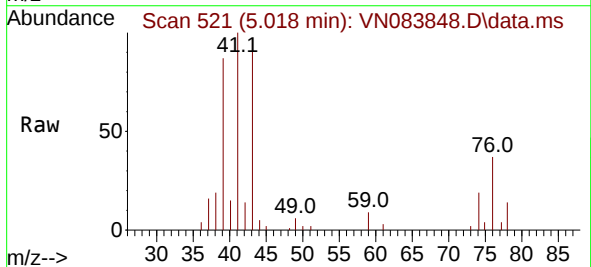
Manual Integrations
APPROVED

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



#18
Methyl Acetate
Concen: 22.310 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.006 min
Lab File: VN083848.D
Acq: 13 Sep 2024 03:01

Tgt Ion: 43 Resp: 42741
Ion Ratio Lower Upper
43 100
74 23.2 19.0 28.4





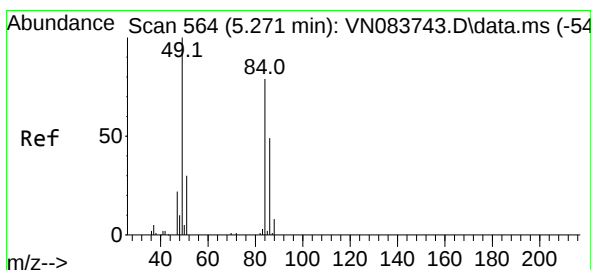
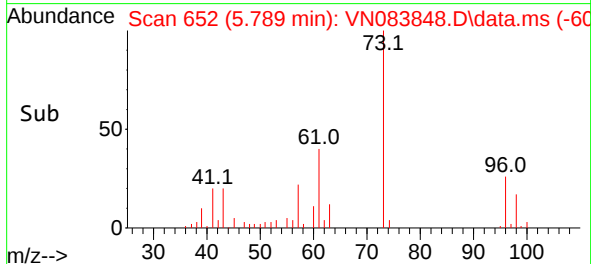
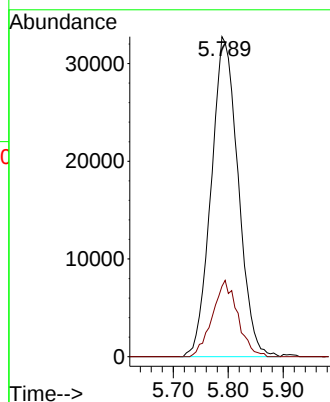
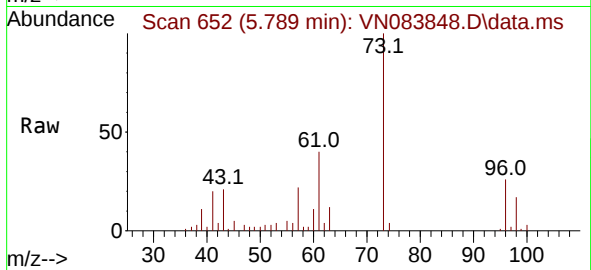
#19
Methyl tert-butyl Ether
Concen: 19.622 ug/l
RT: 5.789 min Scan# 611
Delta R.T. -0.000 min
Lab File: VN083848.D
Acq: 13 Sep 2024 03:01

Instrument :
MSVOA_N
ClientSampleId :
VN0912WBS04

Tgt Ion: 73 Resp: 111670
Ion Ratio Lower Upper
73 100
57 22.0 17.0 25.6

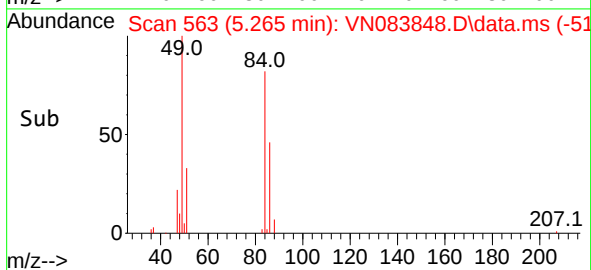
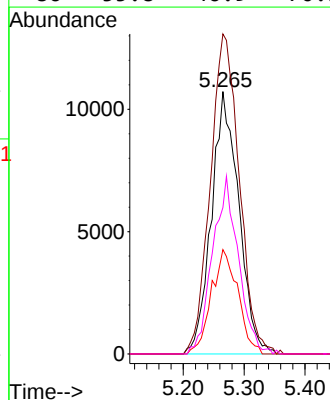
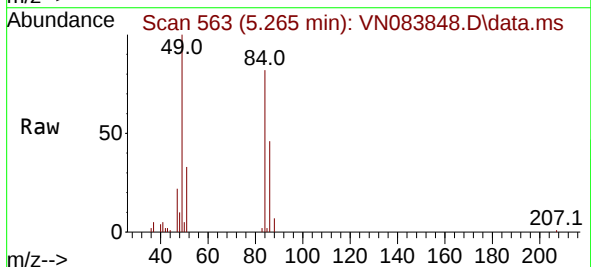
Manual Integrations
APPROVED

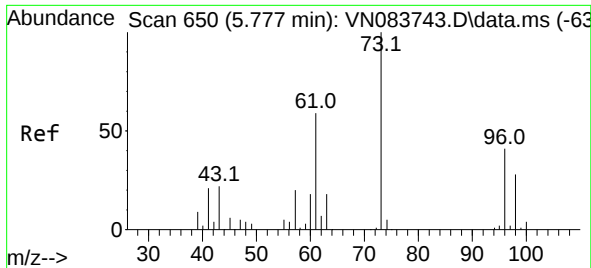
Reviewed By :John Carlone 09/13/2024
Supervised By :Mahesh Dadoda 09/13/2024



#20
Methylene Chloride
Concen: 18.617 ug/l
RT: 5.265 min Scan# 563
Delta R.T. -0.006 min
Lab File: VN083848.D
Acq: 13 Sep 2024 03:01

Tgt Ion: 84 Resp: 33486
Ion Ratio Lower Upper
84 100
49 122.0 93.4 140.0
51 39.8 29.2 43.8
86 55.8 46.9 70.3





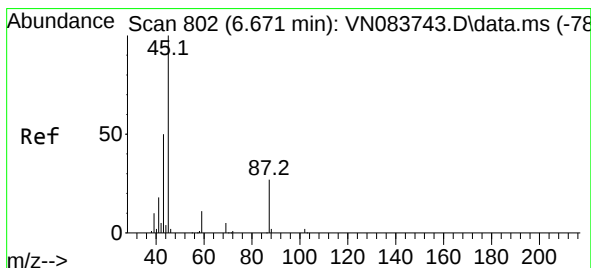
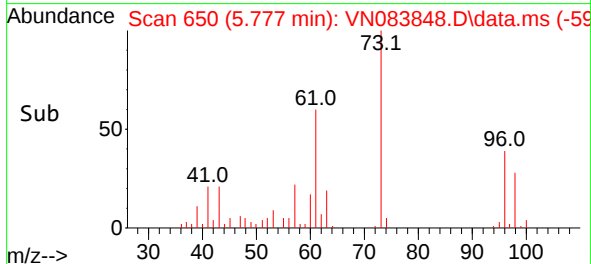
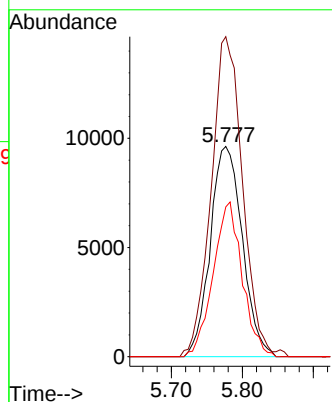
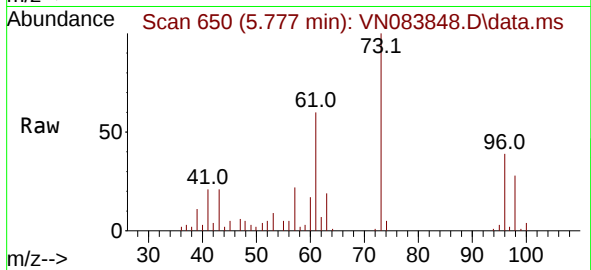
#21
trans-1,2-Dichloroethene
Concen: 17.894 ug/l
RT: 5.777 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN083848.D
Acq: 13 Sep 2024 03:01

Instrument :
MSVOA_N
ClientSampleId :
VN0912WBS04

Tgt Ion: 96 Resp: 3016
Ion Ratio Lower Upper
96 100
61 152.2 106.0 159.0
98 71.2 52.2 78.2

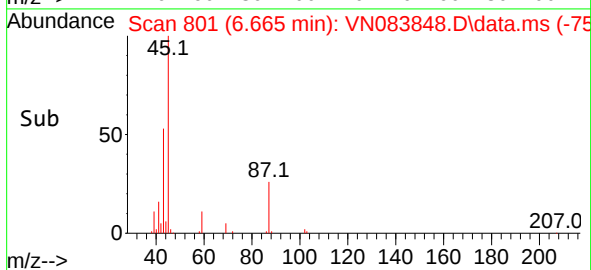
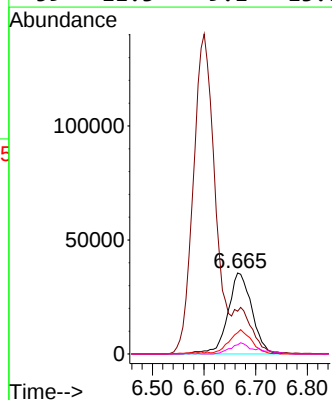
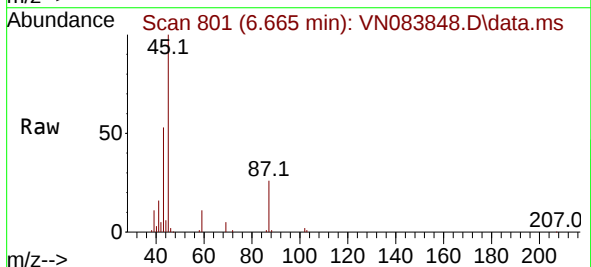
Manual Integrations
APPROVED

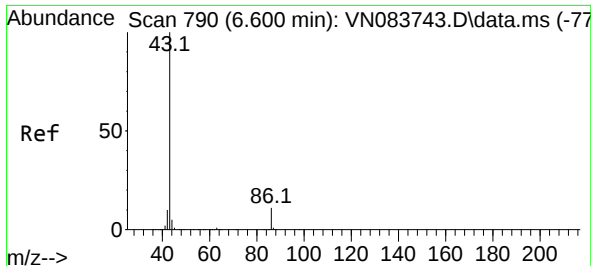
Reviewed By :John Carlone 09/13/2024
Supervised By :Mahesh Dadoda 09/13/2024



#22
Diisopropyl ether
Concen: 19.757 ug/l
RT: 6.665 min Scan# 801
Delta R.T. -0.006 min
Lab File: VN083848.D
Acq: 13 Sep 2024 03:01

Tgt Ion: 45 Resp: 113978
Ion Ratio Lower Upper
45 100
43 51.0 43.4 65.0
87 26.4 22.6 33.8
59 11.3 9.1 13.7





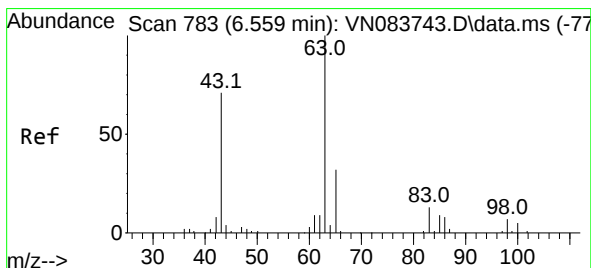
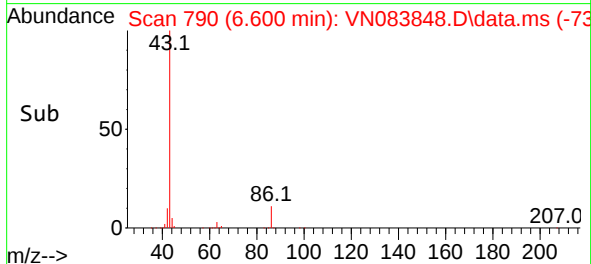
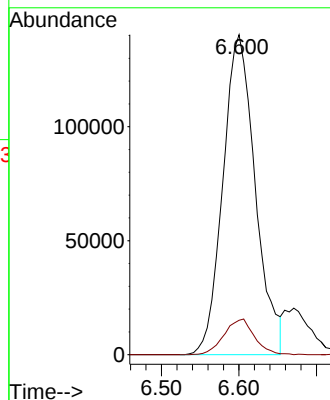
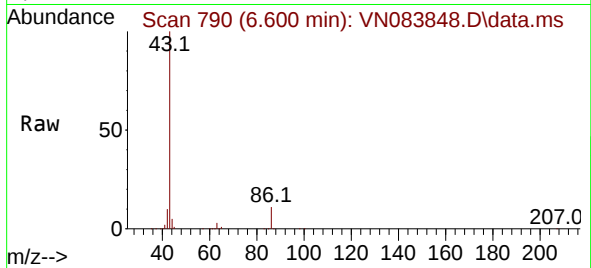
#23
 Vinyl Acetate
 Concen: 96.639 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. -0.000 min
 Lab File: VN083848.D
 Acq: 13 Sep 2024 03:01

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0912WBS04

Tgt Ion: 43 Resp: 408284
 Ion Ratio Lower Upper
 43 100
 86 10.7 8.7 13.1

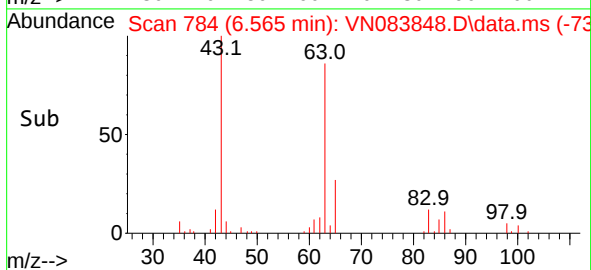
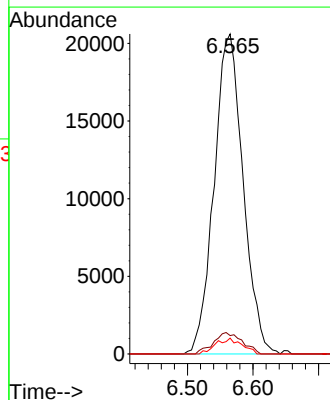
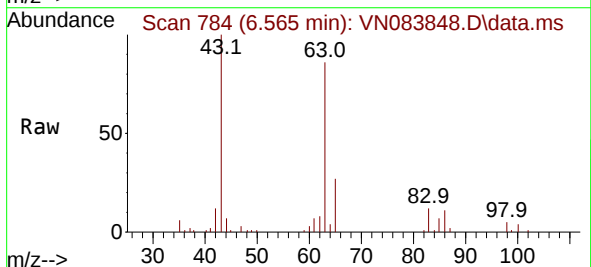
Manual Integrations
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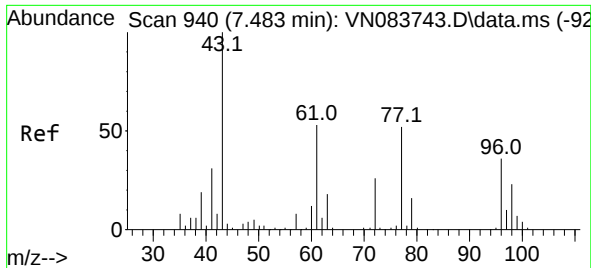
Reviewed By :John Carlone 09/13/2024
 Supervised By :Mahesh Dadoda 09/13/2024



#24
 1,1-Dichloroethane
 Concen: 19.029 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. 0.006 min
 Lab File: VN083848.D
 Acq: 13 Sep 2024 03:01

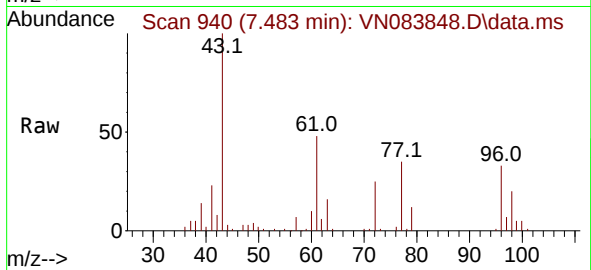
Tgt Ion: 63 Resp: 63248
 Ion Ratio Lower Upper
 63 100
 98 5.7 3.5 10.4
 100 4.9 2.5 7.5





#25
2-Butanone
Concen: 91.978 ug/l
RT: 7.483 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN083848.D
Acq: 13 Sep 2024 03:01

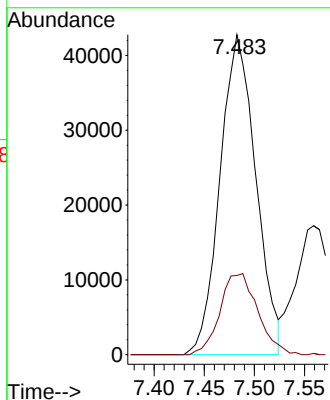
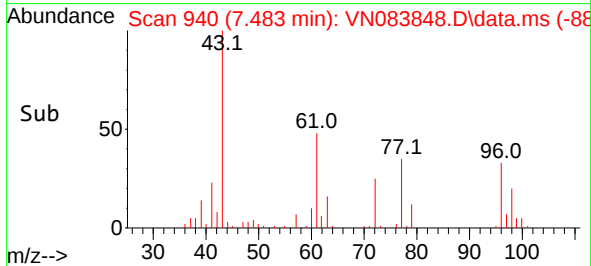
Instrument :
MSVOA_N
ClientSampleId :
VN0912WBS04



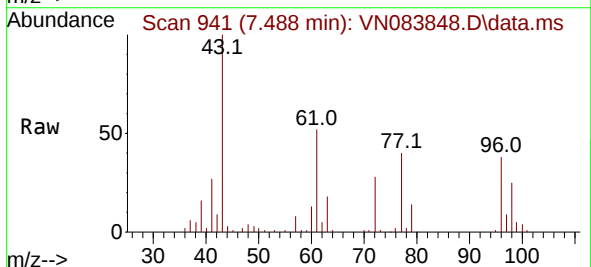
Tgt Ion: 43 Resp: 106260
Ion Ratio Lower Upper
43 100
72 24.7 20.8 31.2

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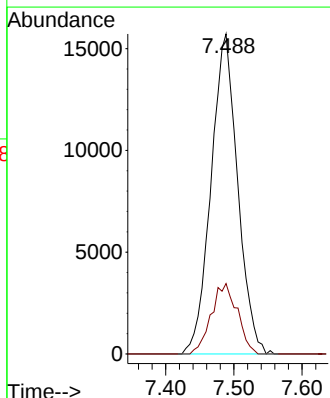
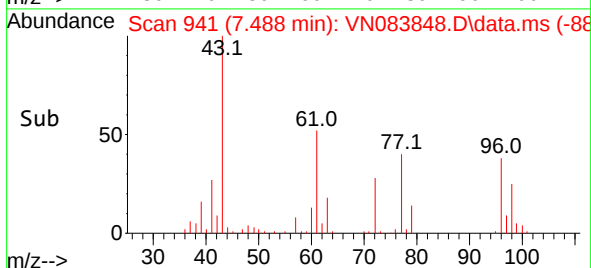
Reviewed By :John Carlone 09/13/2024
Supervised By :Mahesh Dadoda 09/13/2024



#26
2,2-Dichloropropane
Concen: 13.969 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN083848.D
Acq: 13 Sep 2024 03:01



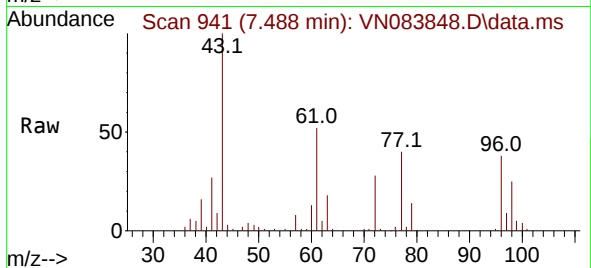
Tgt Ion: 77 Resp: 42758
Ion Ratio Lower Upper
77 100
97 21.6 10.2 30.4





#27
 cis-1,2-Dichloroethene
 Concen: 19.430 ug/l
 RT: 7.488 min Scan# 941
 Delta R.T. 0.006 min
 Lab File: VN083848.D
 Acq: 13 Sep 2024 03:01

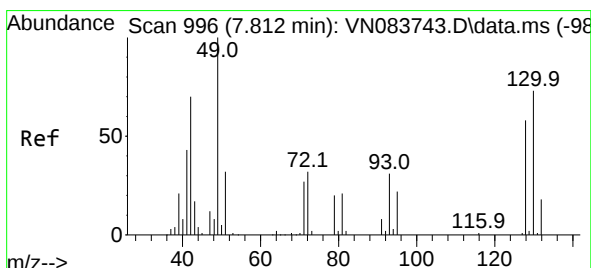
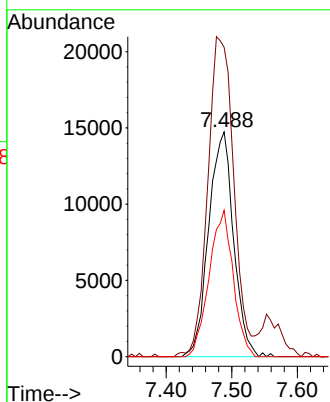
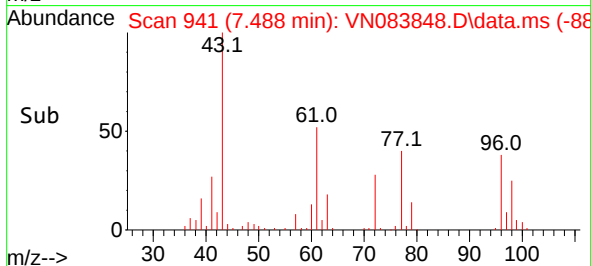
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0912WBS04



Tgt Ion: 96 Resp: 38878
 Ion Ratio Lower Upper
 96 100
 61 149.0 0.0 306.2
 98 62.8 0.0 128.6

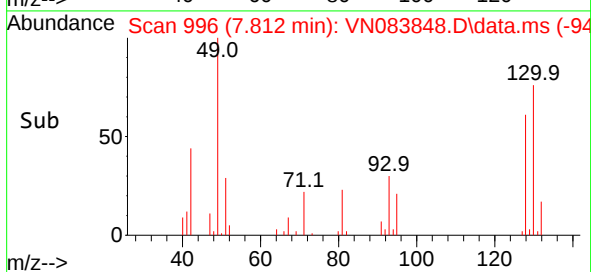
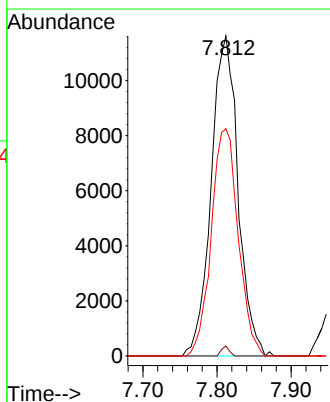
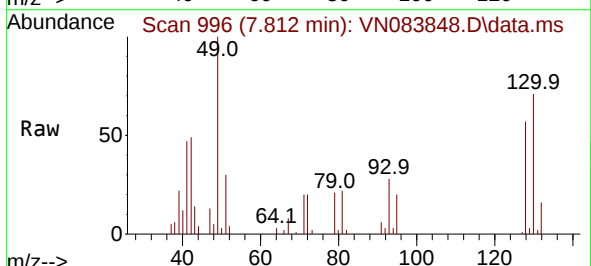
Manual Integrations
 APPROVED

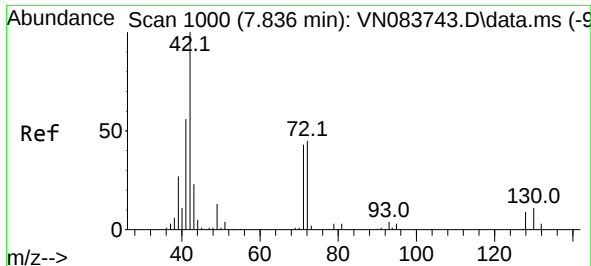
Reviewed By :John Carlone 09/13/2024
 Supervised By :Mahesh Dadoda 09/13/2024



#28
 Bromochloromethane
 Concen: 20.871 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. -0.000 min
 Lab File: VN083848.D
 Acq: 13 Sep 2024 03:01

Tgt Ion: 49 Resp: 29213
 Ion Ratio Lower Upper
 49 100
 129 0.9 0.0 3.4
 130 71.1 60.2 90.2





#29

Tetrahydrofuran

Concen: 100.422 ug/l

RT: 7.841 min Scan# 1000

Delta R.T. 0.006 min

Lab File: VN083848.D

Acq: 13 Sep 2024 03:01

Instrument :

MSVOA_N

ClientSampleId :

VN0912WBS04

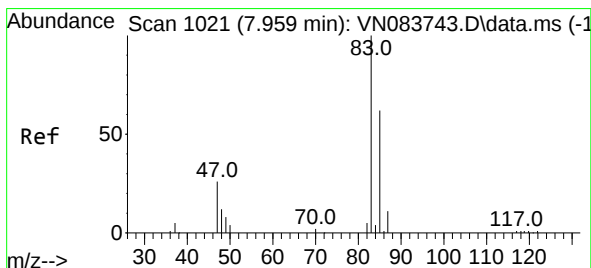
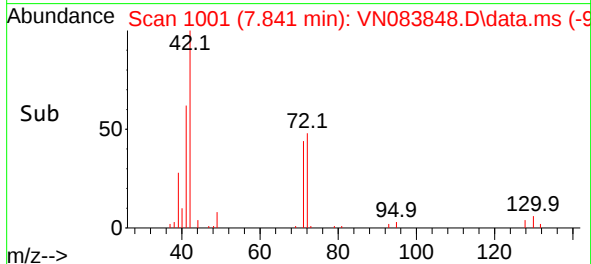
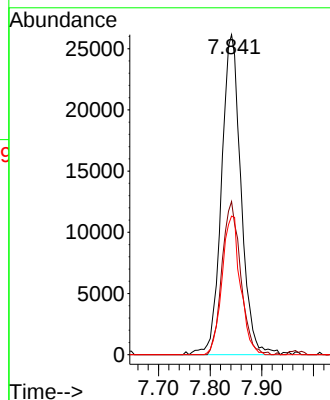
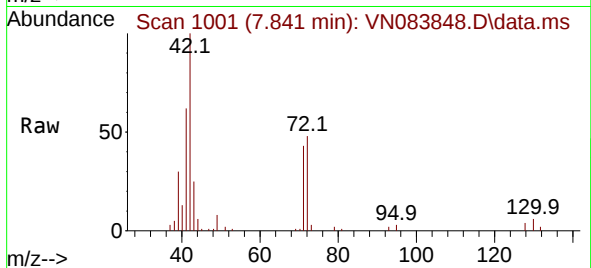
Tgt Ion:	42	Resp:	6859
Ion Ratio	Lower	Upper	
42	100		
72	45.7	35.9	53.9
71	40.8	33.9	50.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/13/2024

Supervised By :Mahesh Dadoda 09/13/2024



#30

Chloroform

Concen: 19.145 ug/l

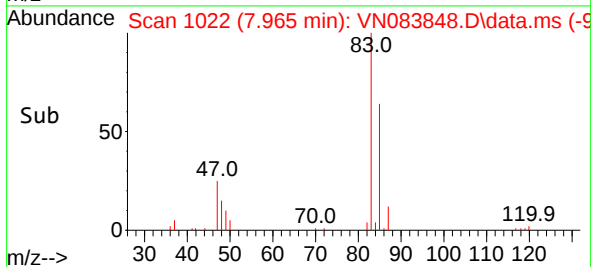
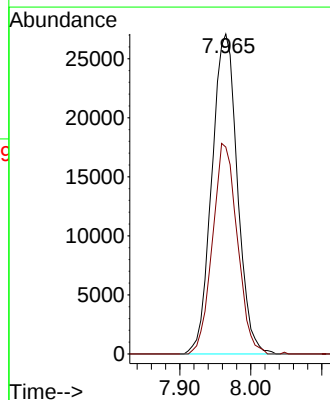
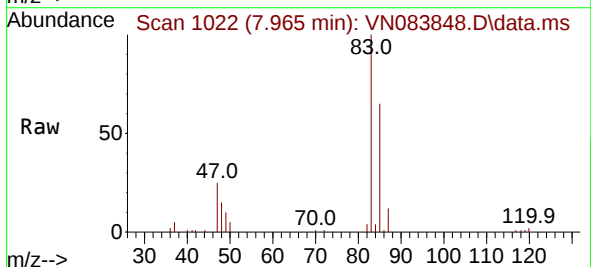
RT: 7.965 min Scan# 1022

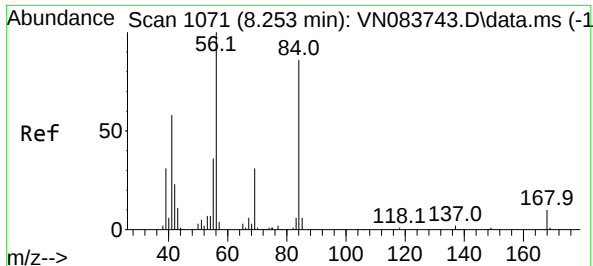
Delta R.T. 0.006 min

Lab File: VN083848.D

Acq: 13 Sep 2024 03:01

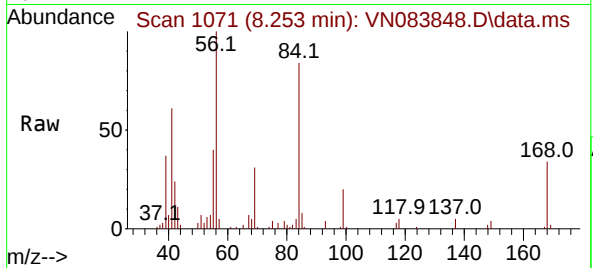
Tgt Ion:	83	Resp:	67556
Ion Ratio	Lower	Upper	
83	100		
85	64.6	52.8	79.2





#31
Cyclohexane
Concen: 17.399 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. -0.000 min
Lab File: VN083848.D
Acq: 13 Sep 2024 03:01

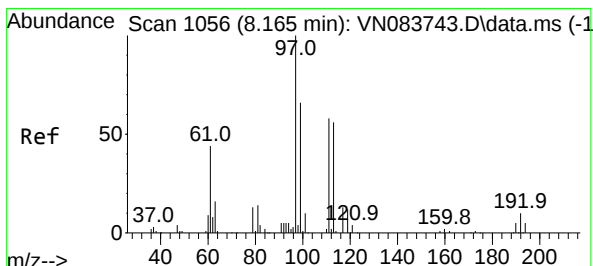
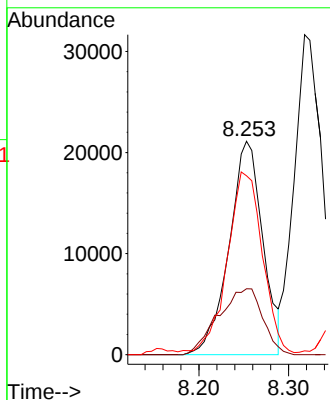
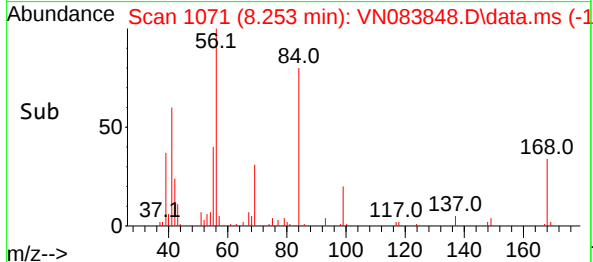
Instrument :
MSVOA_N
ClientSampleId :
VN0912WBS04



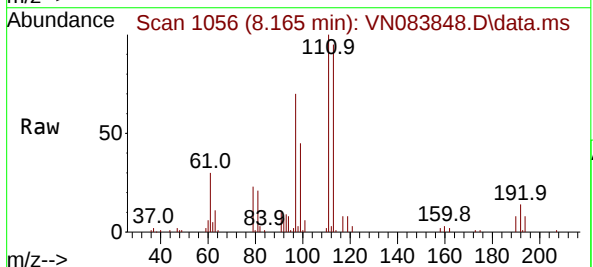
Tgt Ion: 56 Resp: 55130
Ion Ratio Lower Upper
56 100
69 30.9 26.9 40.3
84 82.4 69.2 103.8

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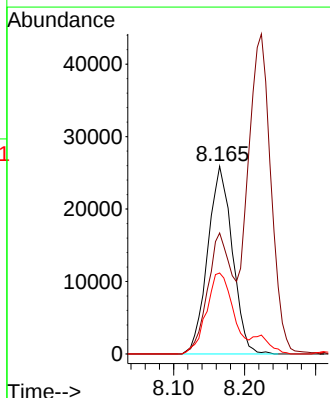
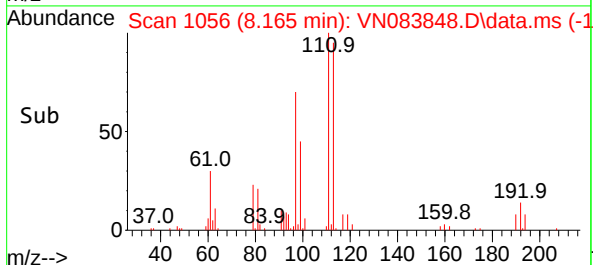
Reviewed By :John Carlone 09/13/2024
Supervised By :Mahesh Dadoda 09/13/2024

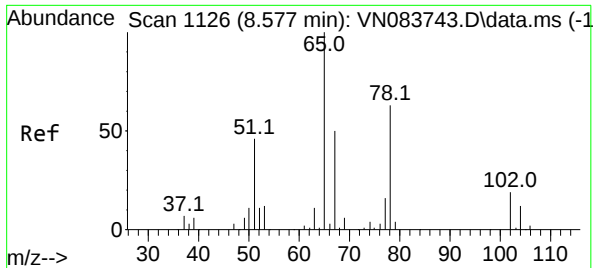


#32
1,1,1-Trichloroethane
Concen: 19.267 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN083848.D
Acq: 13 Sep 2024 03:01



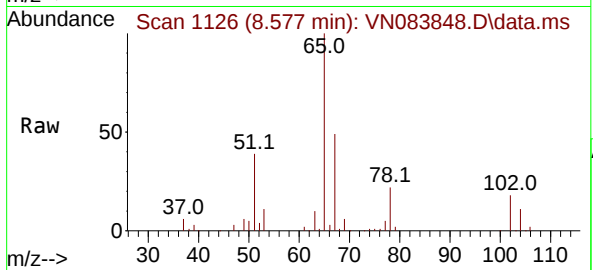
Tgt Ion: 97 Resp: 62513
Ion Ratio Lower Upper
97 100
99 63.3 52.3 78.5
61 46.9 38.2 57.2





#33
1,2-Dichloroethane-d4
Concen: 54.627 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN083848.D
Acq: 13 Sep 2024 03:01

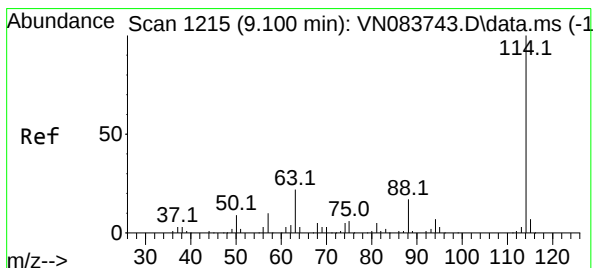
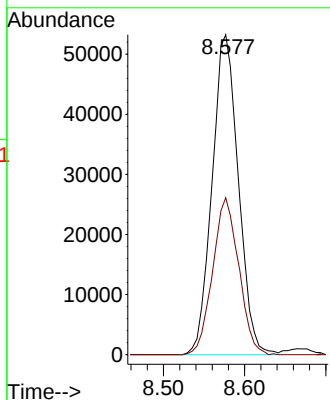
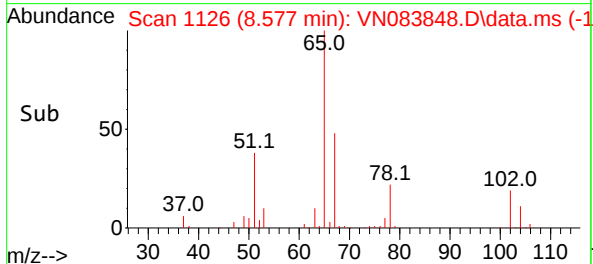
Instrument :
MSVOA_N
ClientSampleId :
VN0912WBS04



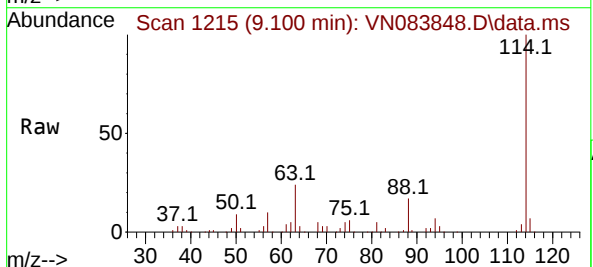
Tgt Ion: 65 Resp: 11977
Ion Ratio Lower Upper
65 100
67 48.7 0.0 100.8

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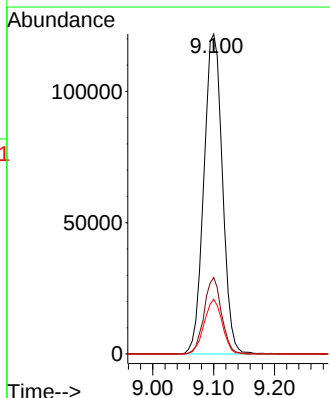
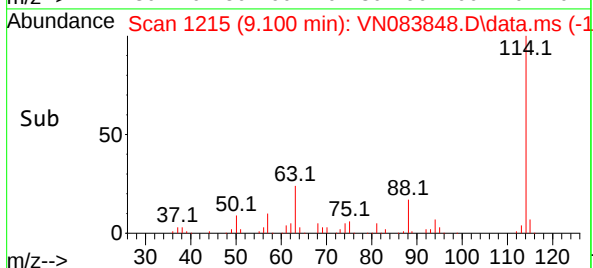
Reviewed By :John Carlone 09/13/2024
Supervised By :Mahesh Dadoda 09/13/2024

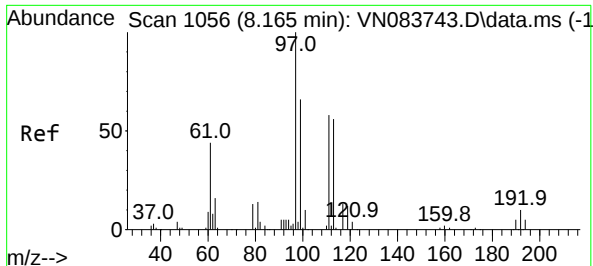


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. -0.000 min
Lab File: VN083848.D
Acq: 13 Sep 2024 03:01



Tgt Ion:114 Resp: 257482
Ion Ratio Lower Upper
114 100
63 23.9 0.0 43.4
88 17.1 0.0 32.6





#35

Dibromofluoromethane

Concen: 50.458 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN083848.D

Acq: 13 Sep 2024 03:01

Instrument :

MSVOA_N

ClientSampleId :

VN0912WBS04

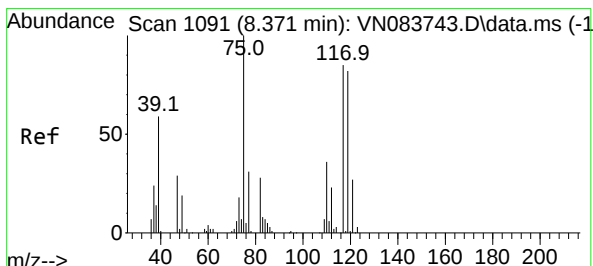
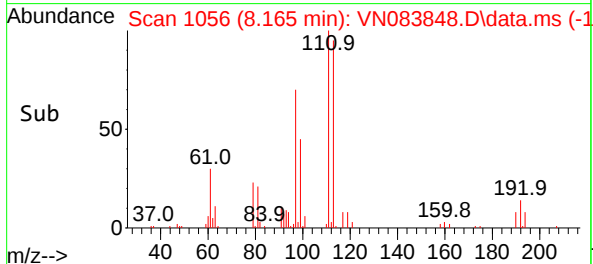
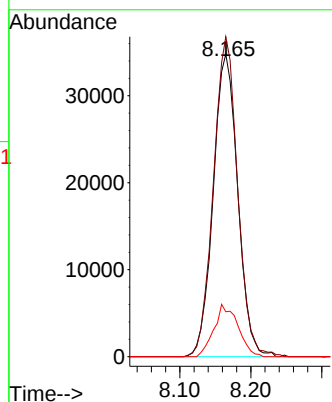
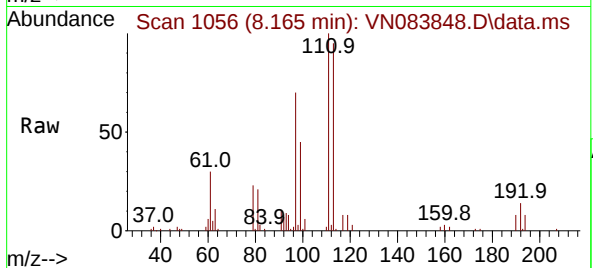
Tgt Ion:	113	Resp:	83174
Ion Ratio	Lower	Upper	
113	100		
111	104.3	82.6	124.0
192	16.9	14.3	21.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/13/2024

Supervised By :Mahesh Dadoda 09/13/2024



#36

1,1-Dichloropropene

Concen: 17.893 ug/l

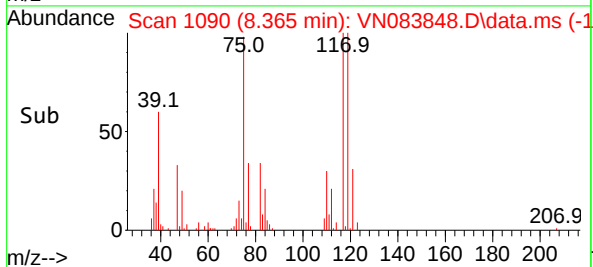
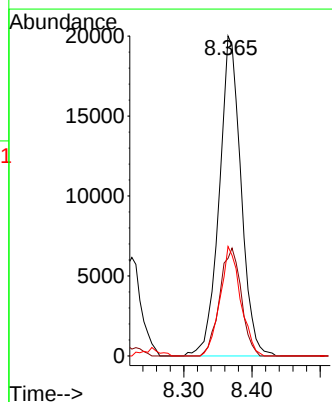
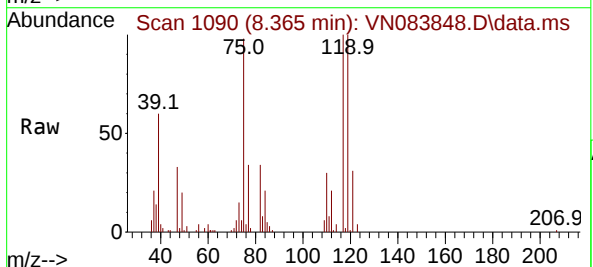
RT: 8.365 min Scan# 1090

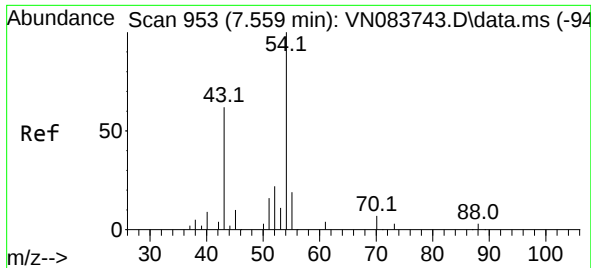
Delta R.T. -0.006 min

Lab File: VN083848.D

Acq: 13 Sep 2024 03:01

Tgt Ion:	75	Resp:	44393
Ion Ratio	Lower	Upper	
75	100		
110	33.5	16.7	50.1
77	32.3	25.2	37.8





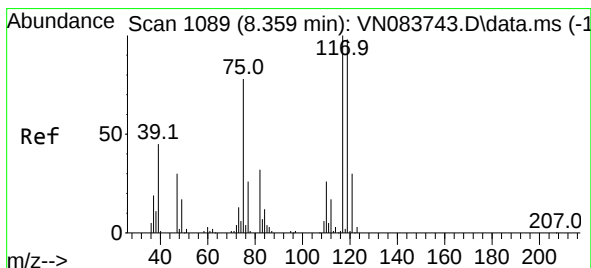
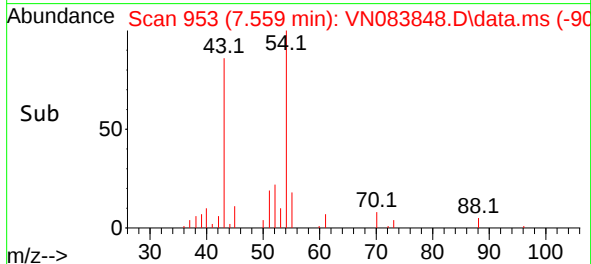
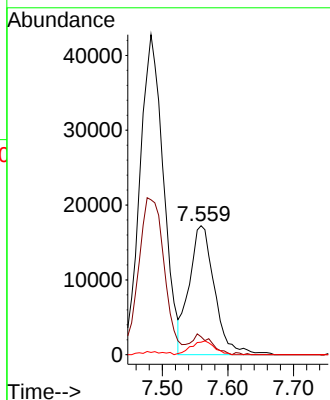
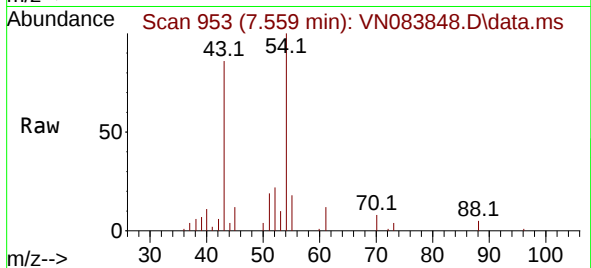
#37
Ethyl Acetate
Concen: 20.652 ug/l
RT: 7.559 min Scan# 953
Delta R.T. -0.000 min
Lab File: VN083848.D
Acq: 13 Sep 2024 03:01

Instrument :
MSVOA_N
ClientSampleId :
VN0912WBS04

Tgt Ion: 43 Resp: 46510
Ion Ratio Lower Upper
43 100
61 12.3 11.1 16.7
70 9.7 8.8 13.2

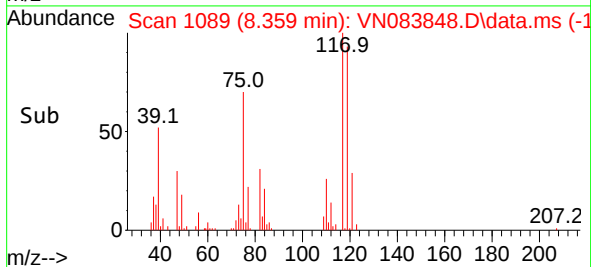
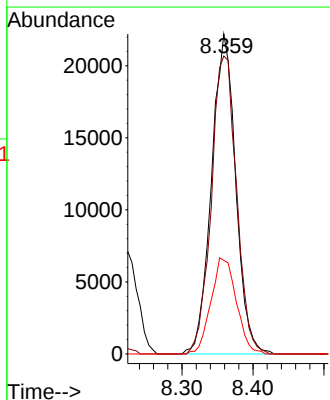
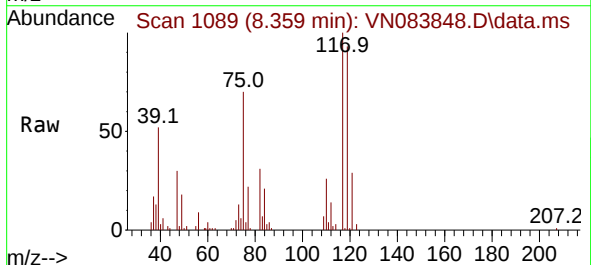
Manual Integrations
APPROVED

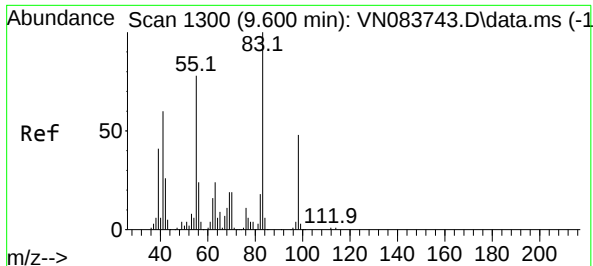
Reviewed By :John Carlone 09/13/2024
Supervised By :Mahesh Dadoda 09/13/2024



#38
Carbon Tetrachloride
Concen: 18.683 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VN083848.D
Acq: 13 Sep 2024 03:01

Tgt Ion:117 Resp: 52586
Ion Ratio Lower Upper
117 100
119 93.1 76.1 114.1
121 29.2 24.1 36.1





#39

Methylcyclohexane

Concen: 17.326 ug/l

RT: 9.600 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN083848.D

Acq: 13 Sep 2024 03:01

Instrument :

MSVOA_N

ClientSampleId :

VN0912WBS04

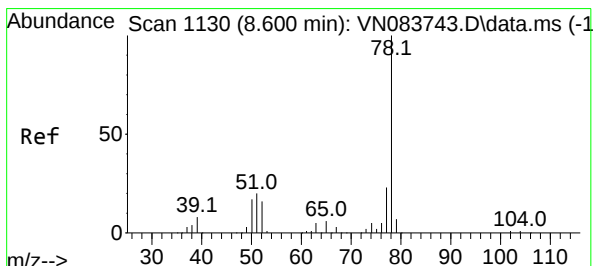
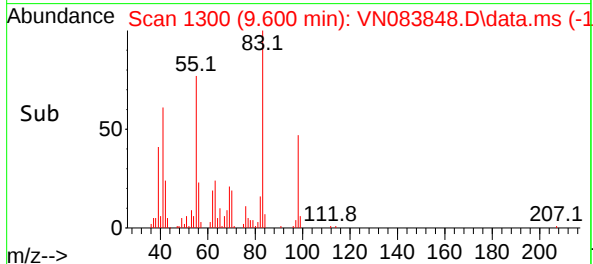
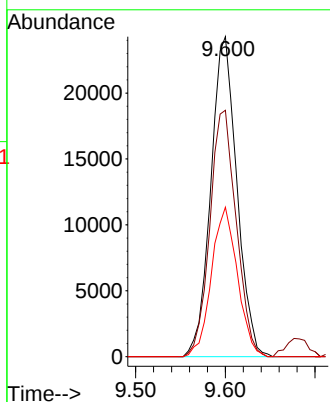
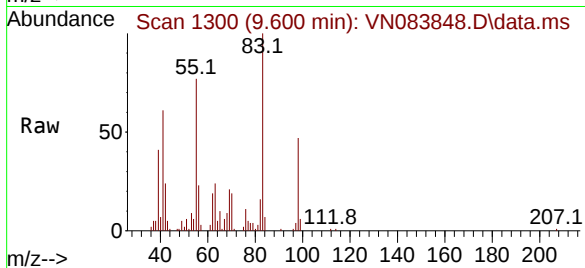
Tgt Ion: 83	Resp: 48928
Ion Ratio	Lower Upper
83 100	
55 77.0	62.2 93.4
98 46.7	37.6 56.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/13/2024

Supervised By :Mahesh Dadoda 09/13/2024



#40

Benzene

Concen: 18.511 ug/l

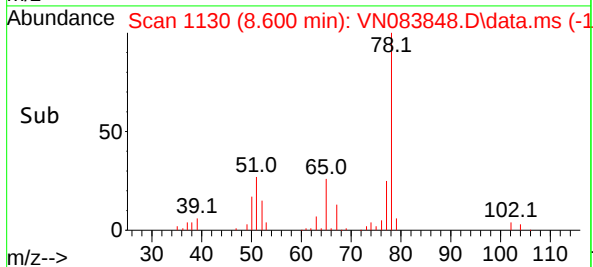
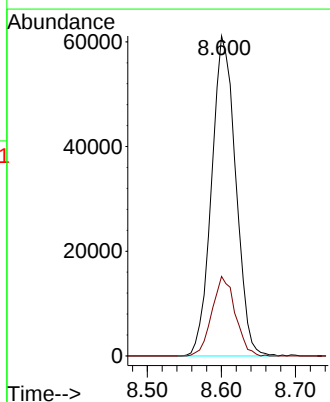
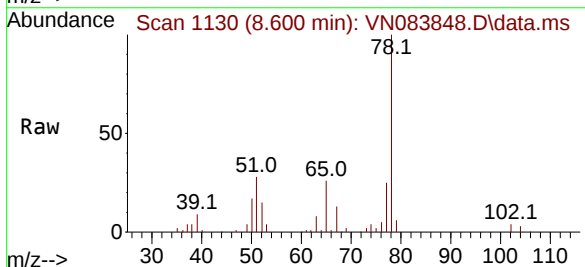
RT: 8.600 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN083848.D

Acq: 13 Sep 2024 03:01

Tgt Ion: 78	Resp: 138230
Ion Ratio	Lower Upper
78 100	
77 24.8	19.0 28.6





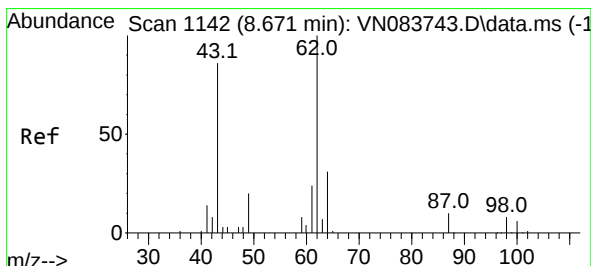
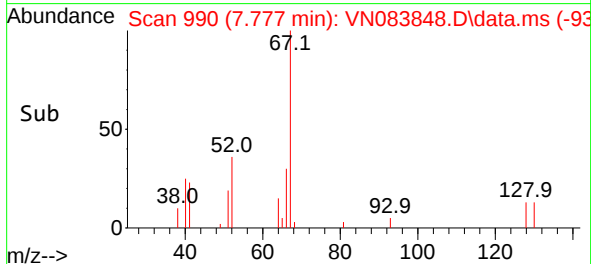
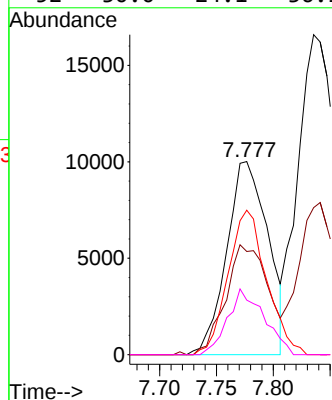
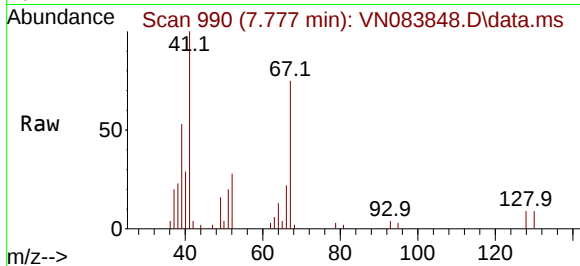
#41
Methacrylonitrile
Concen: 19.022 ug/l
RT: 7.777 min Scan# 990
Delta R.T. -0.000 min
Lab File: VN083848.D
Acq: 13 Sep 2024 03:01

Instrument :
MSVOA_N
ClientSampleId :
VN0912WBS04

Tgt Ion:	41	Resp:	2533
Ion Ratio	100	Lower	Upper
39	57.9	45.4	68.2
67	69.7	55.9	83.9
52	30.0	24.1	36.1

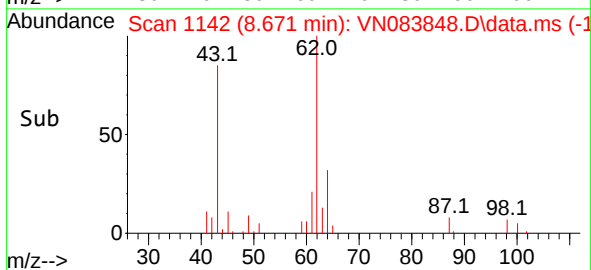
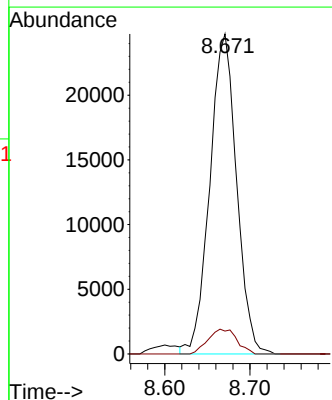
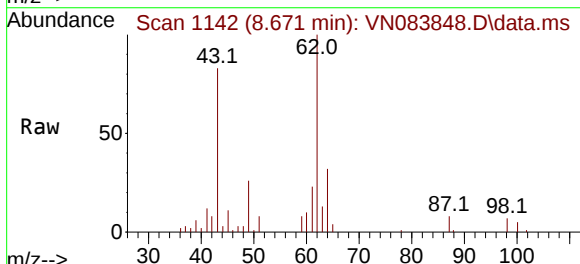
Manual Integrations
APPROVED

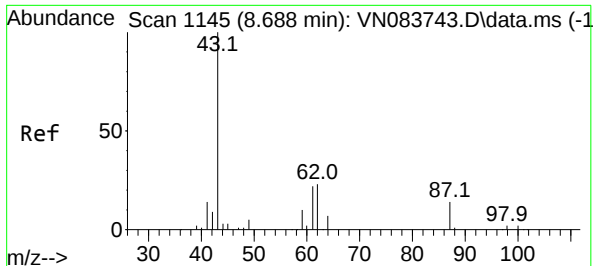
Reviewed By :John Carlone 09/13/2024
Supervised By :Mahesh Dadoda 09/13/2024



#42
1,2-Dichloroethane
Concen: 19.381 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN083848.D
Acq: 13 Sep 2024 03:01

Tgt Ion:	62	Resp:	54081
Ion Ratio	100	Lower	Upper
98	8.3	0.0	16.6





#43

Isopropyl Acetate

Concen: 23.530 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. -0.000 min

Lab File: VN083848.D

Acq: 13 Sep 2024 03:01

Instrument :

MSVOA_N

ClientSampleId :

VN0912WBS04

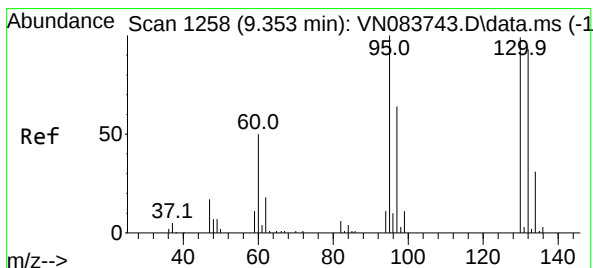
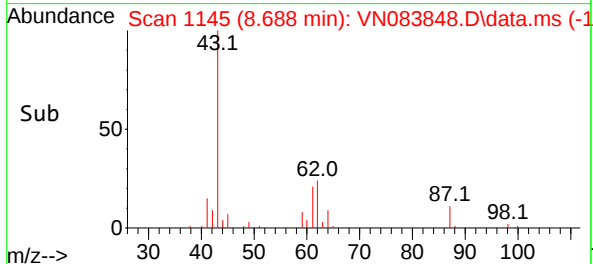
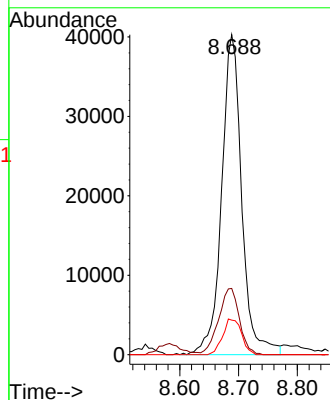
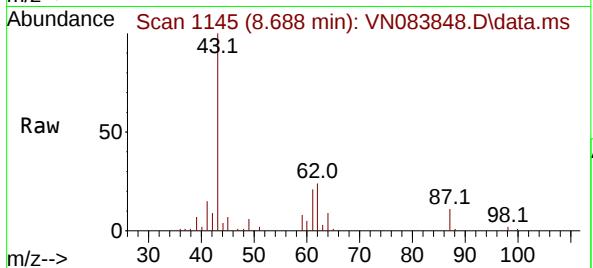
Tgt Ion: 43	Resp: 96024
Ion Ratio	Lower Upper
43 100	
61 21.4	19.4 29.0
87 10.3	9.8 14.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/13/2024

Supervised By :Mahesh Dadoda 09/13/2024



#44

Trichloroethene

Concen: 18.610 ug/l

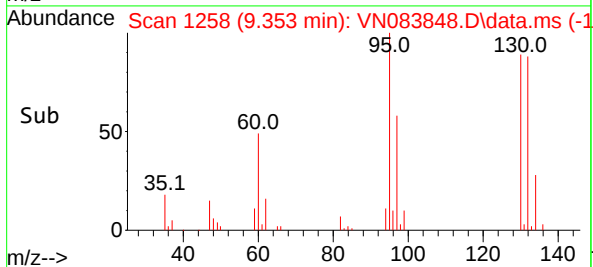
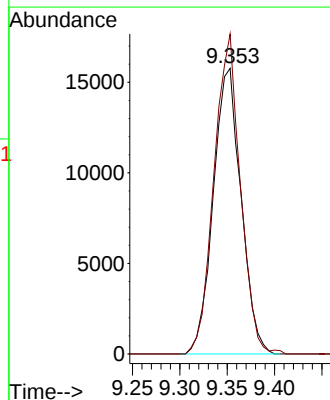
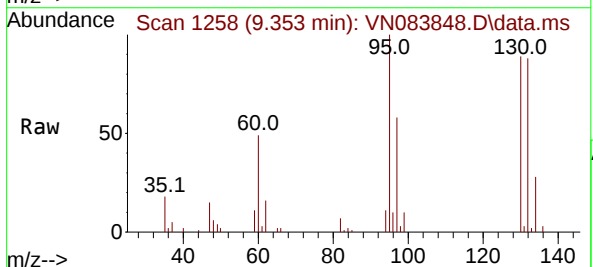
RT: 9.353 min Scan# 1258

Delta R.T. -0.000 min

Lab File: VN083848.D

Acq: 13 Sep 2024 03:01

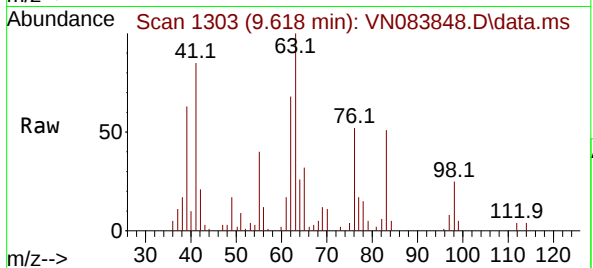
Tgt Ion:130	Resp: 32182
Ion Ratio	Lower Upper
130 100	
95 112.0	0.0 200.4





#45
1,2-Dichloropropane
Concen: 18.970 ug/l
RT: 9.618 min Scan# 1303
Delta R.T. -0.000 min
Lab File: VN083848.D
Acq: 13 Sep 2024 03:01

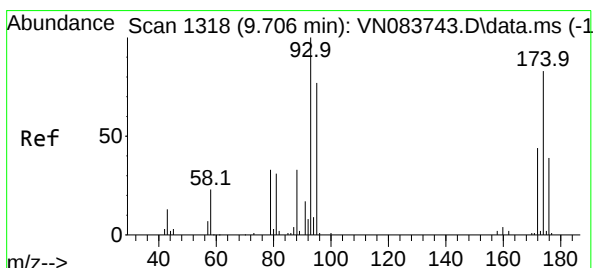
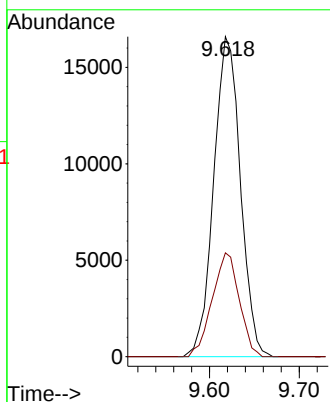
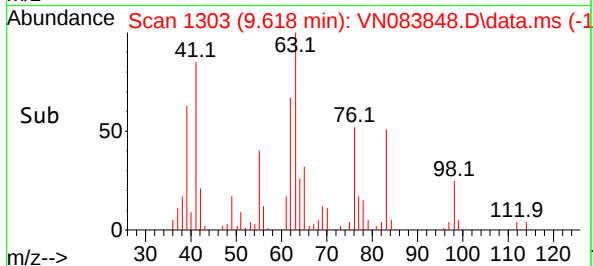
Instrument :
MSVOA_N
ClientSampleId :
VN0912WBS04



Tgt Ion: 63 Resp: 34239
Ion Ratio Lower Upper
63 100
65 32.5 25.9 38.9

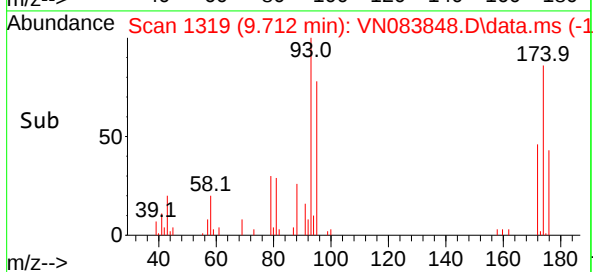
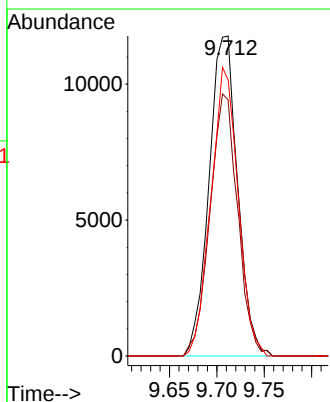
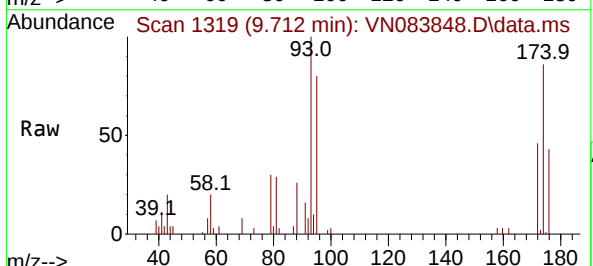
Manual Integrations
APPROVED

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



#46
Dibromomethane
Concen: 19.536 ug/l
RT: 9.712 min Scan# 1319
Delta R.T. 0.006 min
Lab File: VN083848.D
Acq: 13 Sep 2024 03:01

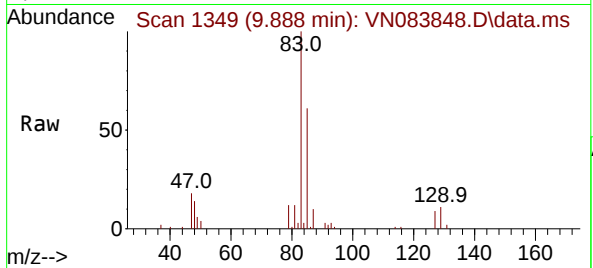
Tgt Ion: 93 Resp: 24697
Ion Ratio Lower Upper
93 100
95 79.4 65.3 97.9
174 86.1 71.0 106.4





#47
Bromodichloromethane
Concen: 18.866 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. -0.000 min
Lab File: VN083848.D
Acq: 13 Sep 2024 03:01

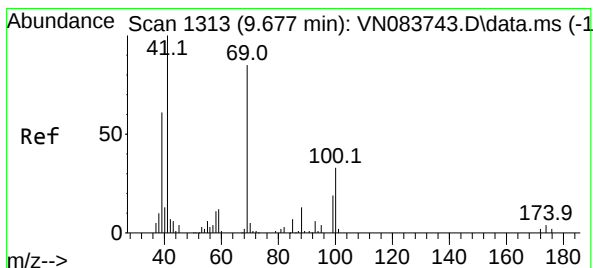
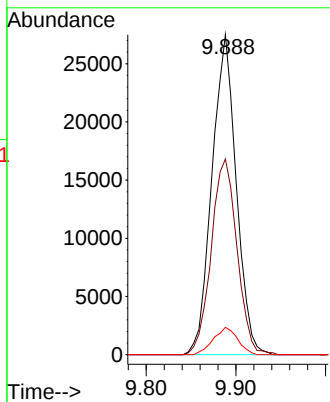
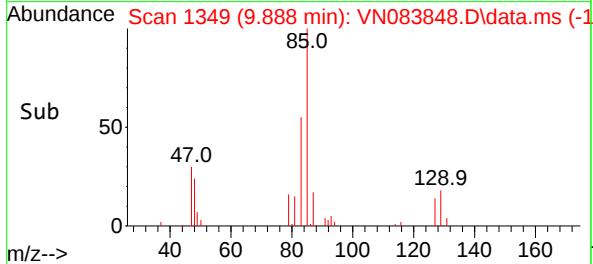
Instrument :
MSVOA_N
ClientSampleId :
VN0912WBS04



Tgt Ion: 83 Resp: 51610
Ion Ratio Lower Upper
83 100
85 61.2 51.8 77.8
127 8.5 6.6 9.8

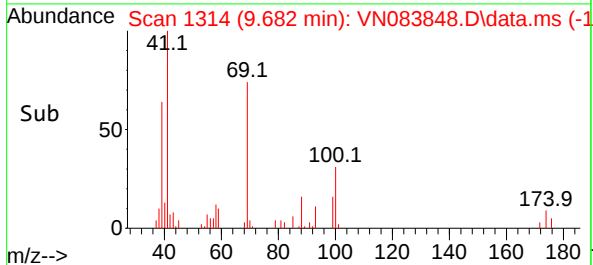
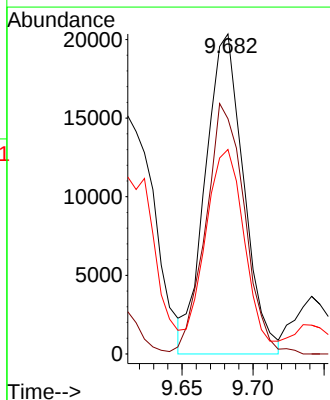
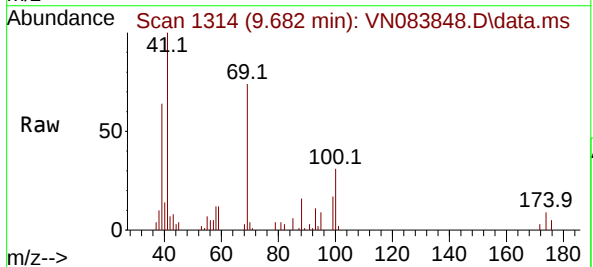
Manual Integrations
APPROVED

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



#48
Methyl methacrylate
Concen: 19.693 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. 0.006 min
Lab File: VN083848.D
Acq: 13 Sep 2024 03:01

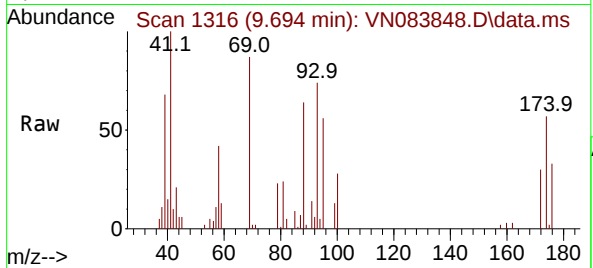
Tgt Ion: 41 Resp: 38129
Ion Ratio Lower Upper
41 100
69 79.6 64.3 96.5
39 66.8 48.9 73.3





#49
1,4-Dioxane
Concen: 399.103 ug/l
RT: 9.694 min Scan# 1316
Delta R.T. -0.000 min
Lab File: VN083848.D
Acq: 13 Sep 2024 03:01

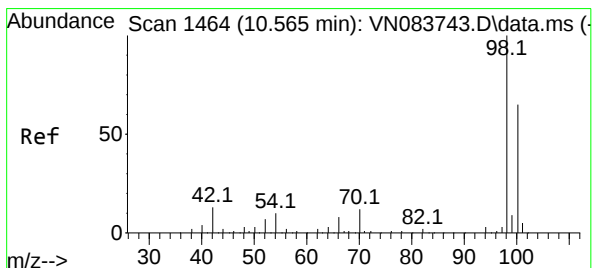
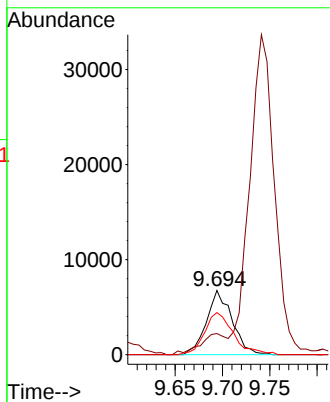
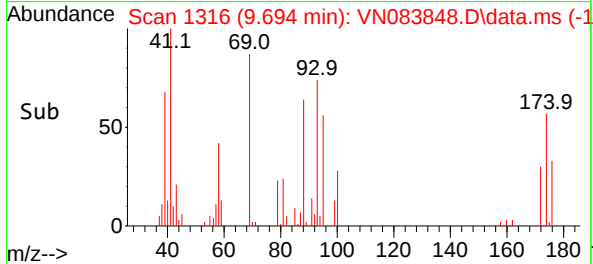
Instrument :
MSVOA_N
ClientSampleId :
VN0912WBS04



Tgt Ion: 88 Resp: 12712
Ion Ratio Lower Upper
88 100
43 34.6 0.0 0.0
58 73.7 57.1 85.7

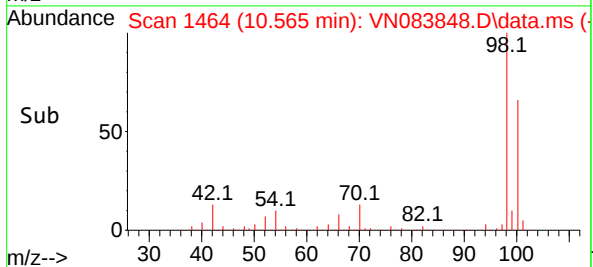
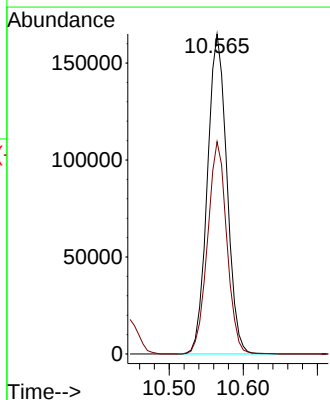
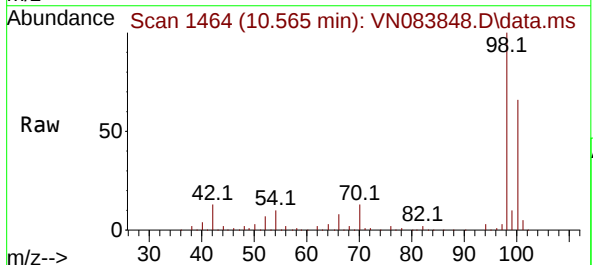
Manual Integrations
APPROVED

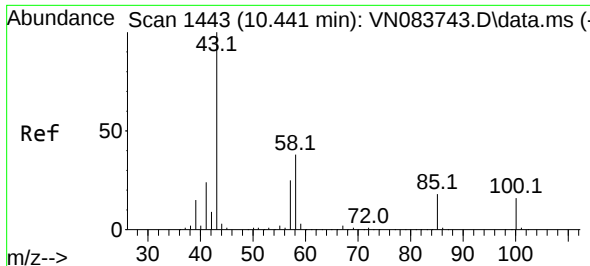
Reviewed By :John Carlone 09/13/2024
Supervised By :Mahesh Dadoda 09/13/2024



#50
Toluene-d8
Concen: 52.757 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN083848.D
Acq: 13 Sep 2024 03:01

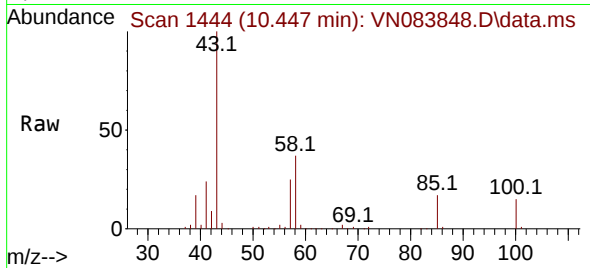
Tgt Ion: 98 Resp: 300634
Ion Ratio Lower Upper
98 100
100 65.5 52.0 78.0





#51
4-Methyl-2-Pentanone
Concen: 101.770 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.006 min
Lab File: VN083848.D
Acq: 13 Sep 2024 03:01

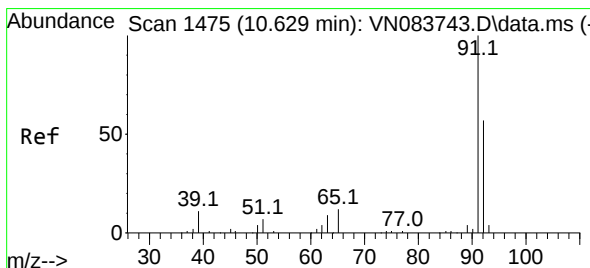
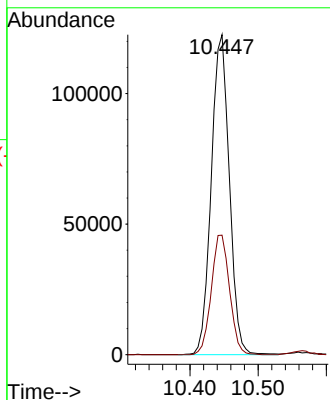
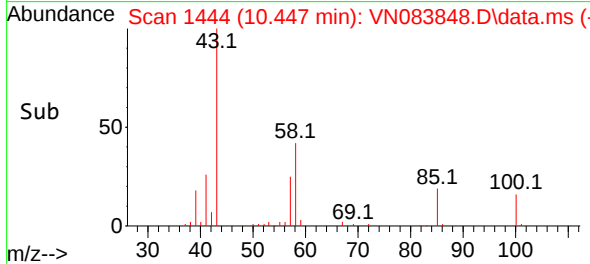
Instrument :
MSVOA_N
ClientSampleId :
VN0912WBS04



Tgt Ion: 43 Resp: 22608
Ion Ratio Lower Upper
43 100
58 37.7 31.6 47.4

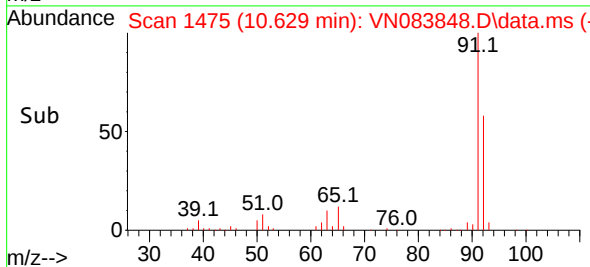
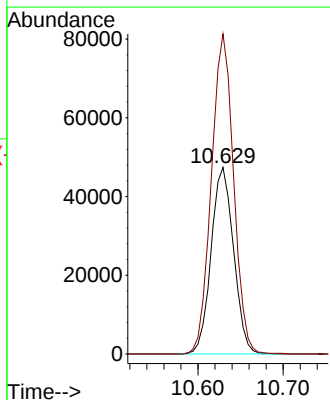
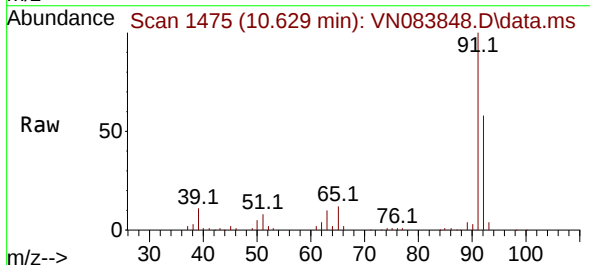
Manual Integrations
APPROVED

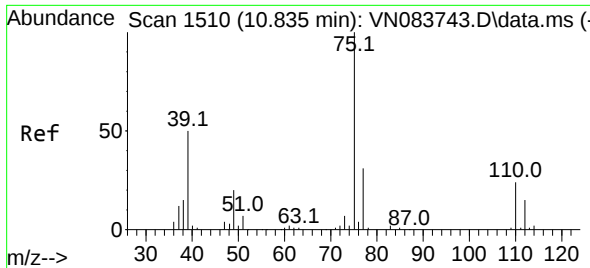
Reviewed By :John Carlone 09/13/2024
Supervised By :Mahesh Dadoda 09/13/2024



#52
Toluene
Concen: 18.974 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN083848.D
Acq: 13 Sep 2024 03:01

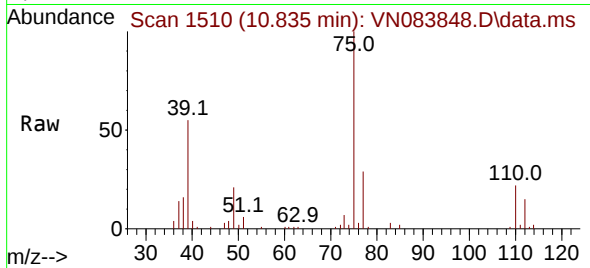
Tgt Ion: 92 Resp: 86668
Ion Ratio Lower Upper
92 100
91 169.9 134.7 202.1





#53
t-1,3-Dichloropropene
Concen: 17.593 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. -0.000 min
Lab File: VN083848.D
Acq: 13 Sep 2024 03:01

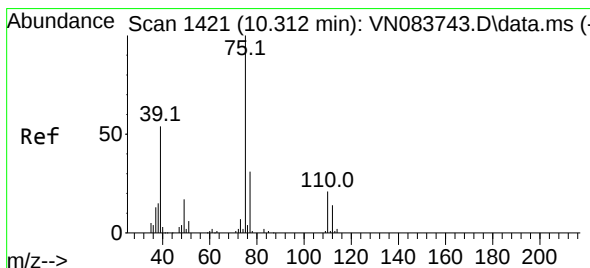
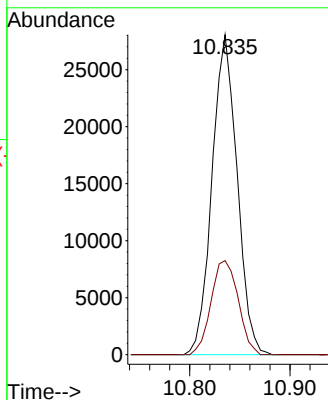
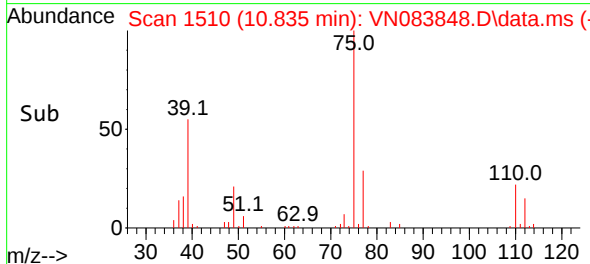
Instrument :
MSVOA_N
ClientSampleId :
VN0912WBS04



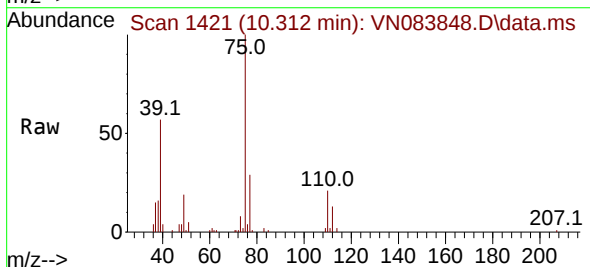
Tgt Ion: 75 Resp: 48789
Ion Ratio Lower Upper
75 100
77 29.4 25.8 38.6

Manual Integrations
APPROVED

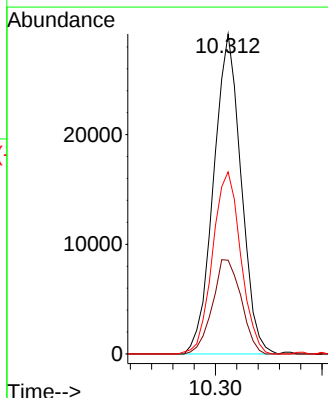
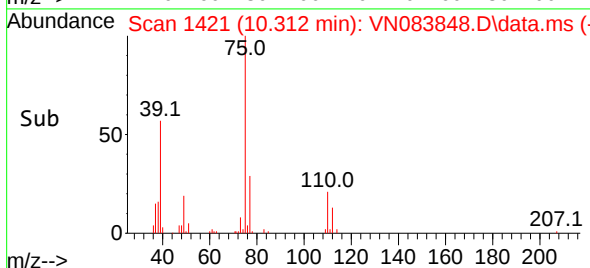
Reviewed By :John Carlone 09/13/2024
Supervised By :Mahesh Dadoda 09/13/2024

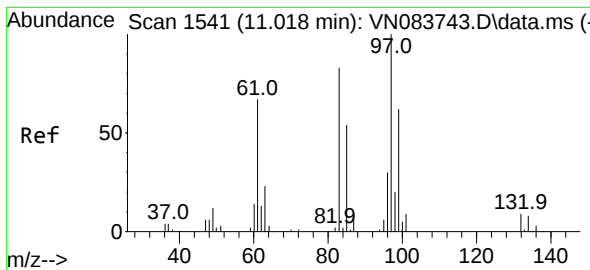


#54
cis-1,3-Dichloropropene
Concen: 17.935 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. -0.000 min
Lab File: VN083848.D
Acq: 13 Sep 2024 03:01



Tgt Ion: 75 Resp: 52246
Ion Ratio Lower Upper
75 100
77 29.3 25.0 37.6
39 56.9 42.6 64.0





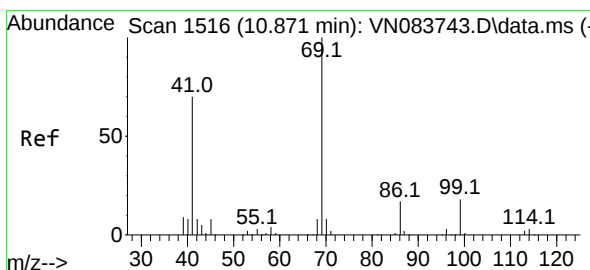
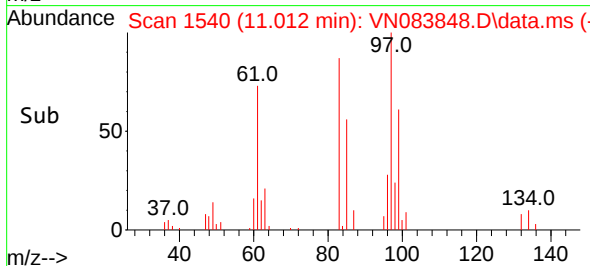
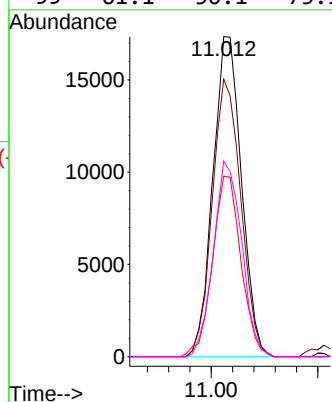
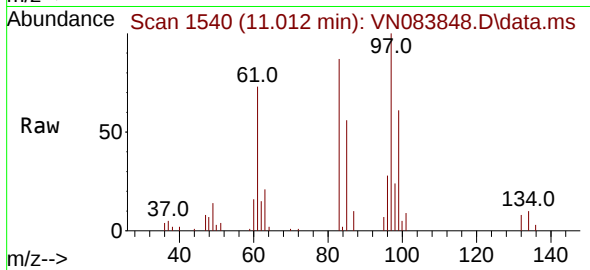
#55
1,1,2-Trichloroethane
Concen: 18.957 ug/l
RT: 11.012 min Scan# 1540
Delta R.T. -0.006 min
Lab File: VN083848.D
Acq: 13 Sep 2024 03:01

Instrument :
MSVOA_N
ClientSampleId :
VN0912WBS04

Tgt Ion: 97	Resp: 3232
Ion Ratio	Lower Upper
97 100	
83 86.7	67.5 101.3
85 56.4	44.2 66.2
99 61.1	50.1 75.1

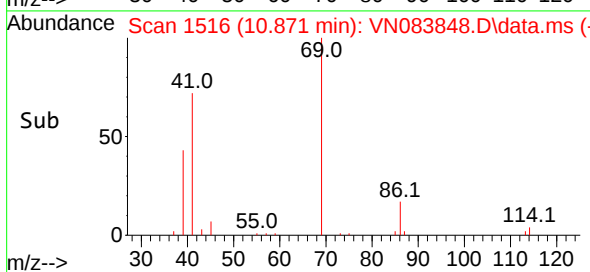
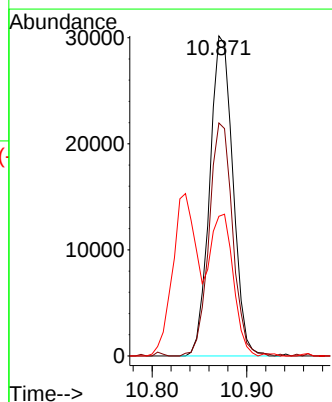
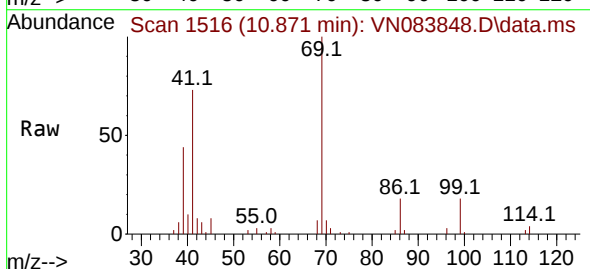
Manual Integrations
APPROVED

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



#56
Ethyl methacrylate
Concen: 19.600 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VN083848.D
Acq: 13 Sep 2024 03:01

Tgt Ion: 69	Resp: 51422
Ion Ratio	Lower Upper
69 100	
41 73.8	53.9 80.9
39 45.2	32.6 48.8





#57

1,3-Dichloropropane

Concen: 19.507 ug/l

RT: 11.165 min Scan# 1566

Delta R.T. 0.006 min

Lab File: VN083848.D

Acq: 13 Sep 2024 03:01

Instrument :

MSVOA_N

ClientSampleId :

VN0912WBS04

Tgt Ion: 76 Resp: 57170

Ion Ratio Lower Upper

76 100

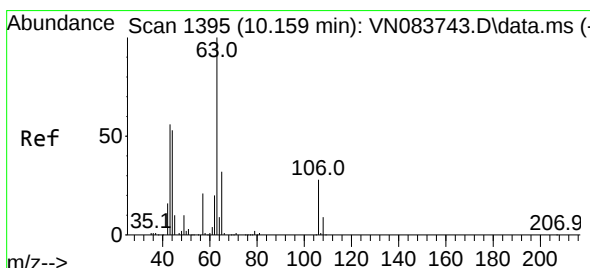
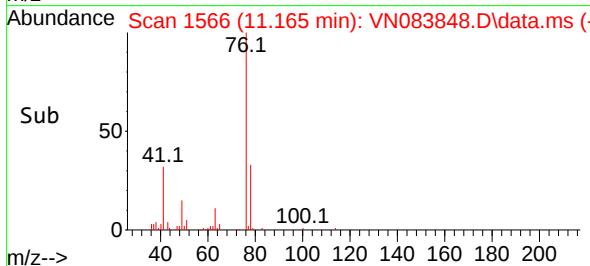
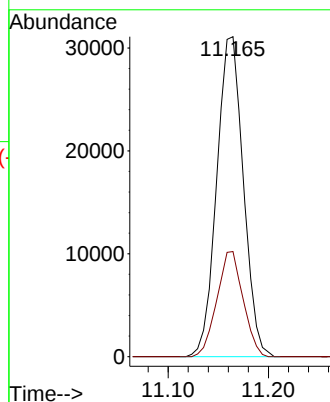
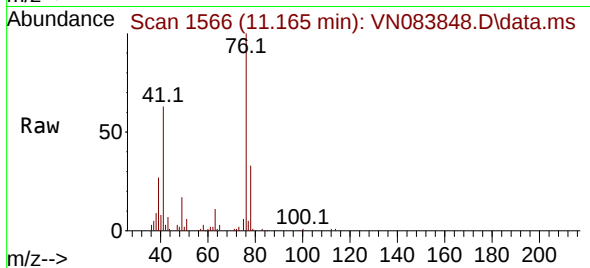
78 32.3 25.8 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/13/2024

Supervised By :Mahesh Dadoda 09/13/2024



#58

2-Chloroethyl Vinyl ether

Concen: 120.182 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. -0.000 min

Lab File: VN083848.D

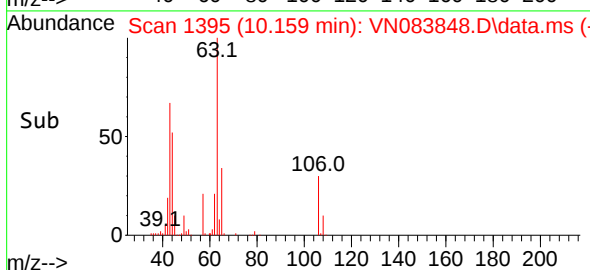
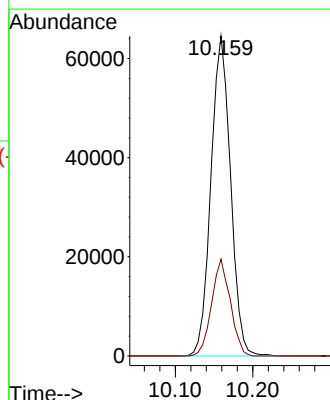
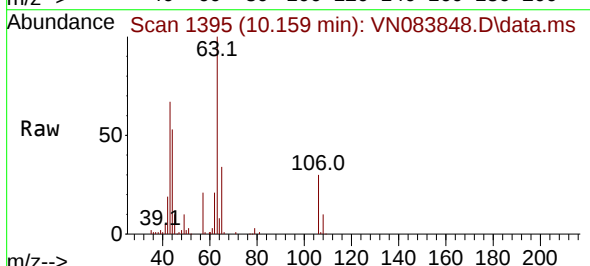
Acq: 13 Sep 2024 03:01

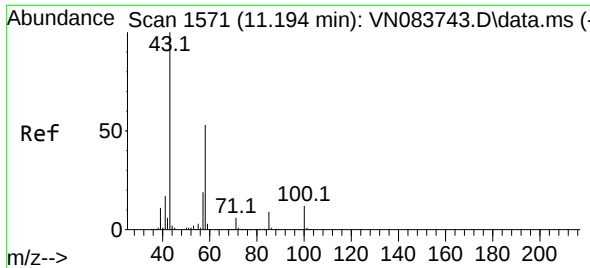
Tgt Ion: 63 Resp: 113614

Ion Ratio Lower Upper

63 100

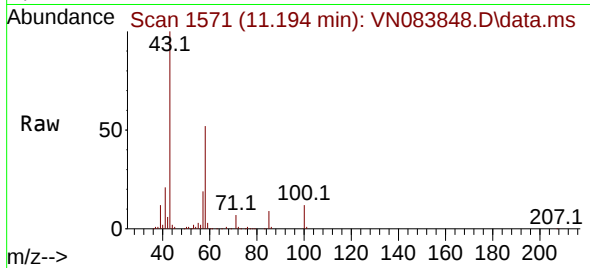
106 28.8 23.3 34.9





#59
2-Hexanone
Concen: 98.445 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VN083848.D
Acq: 13 Sep 2024 03:01

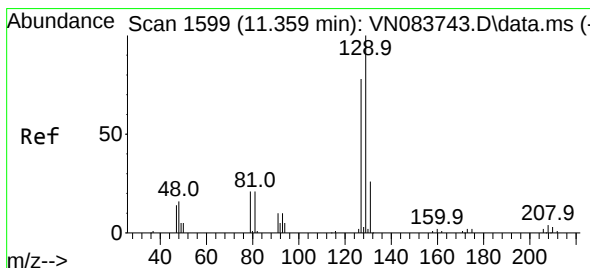
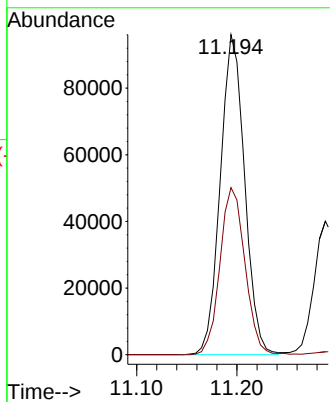
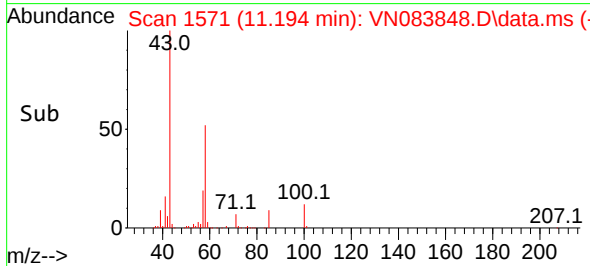
Instrument :
MSVOA_N
ClientSampleId :
VN0912WBS04



Tgt Ion: 43 Resp: 161774
Ion Ratio Lower Upper
43 100
58 53.7 27.2 81.5

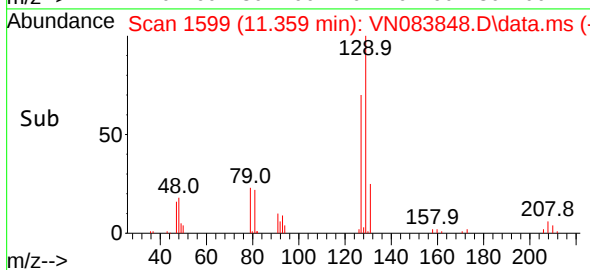
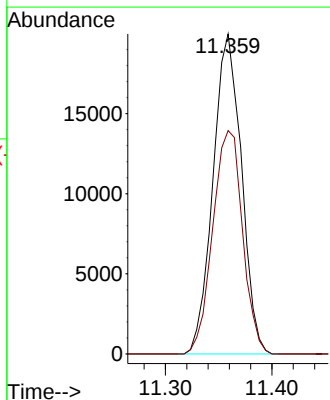
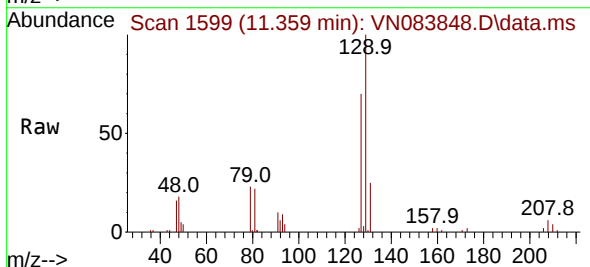
Manual Integrations
APPROVED

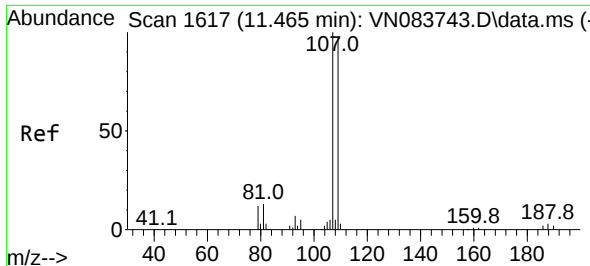
Reviewed By :John Carlone 09/13/2024
Supervised By :Mahesh Dadoda 09/13/2024



#60
Dibromochloromethane
Concen: 19.378 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN083848.D
Acq: 13 Sep 2024 03:01

Tgt Ion:129 Resp: 36981
Ion Ratio Lower Upper
129 100
127 73.2 39.0 116.9





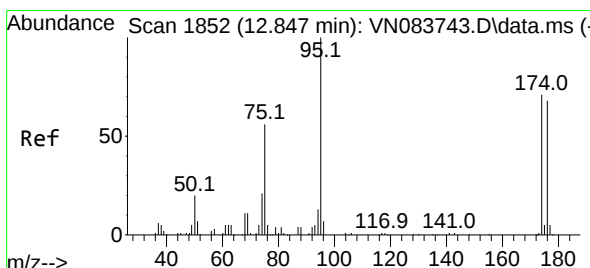
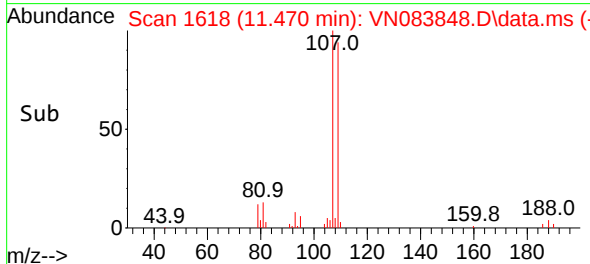
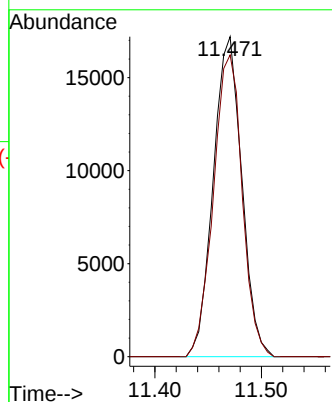
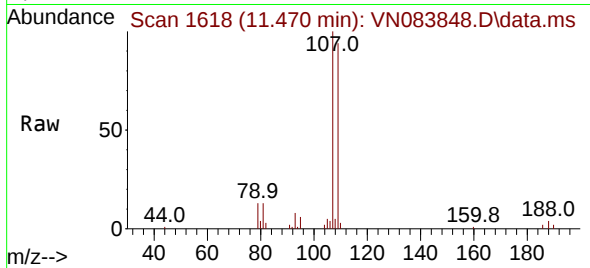
#61
1,2-Dibromoethane
Concen: 18.803 ug/l
RT: 11.470 min Scan# 1617
Delta R.T. 0.006 min
Lab File: VN083848.D
Acq: 13 Sep 2024 03:01

Instrument :
MSVOA_N
ClientSampleId :
VN0912WBS04

Tgt Ion:107 Resp: 3197
Ion Ratio Lower Upper
107 100
109 95.2 75.6 113.4

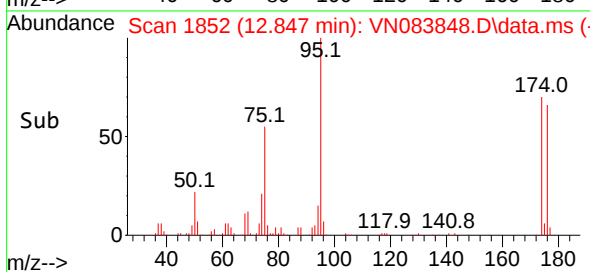
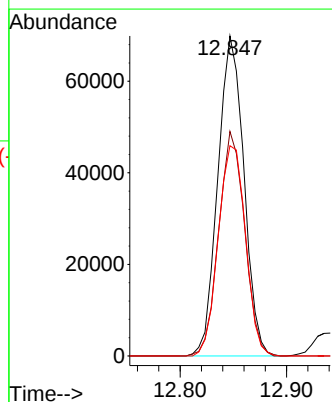
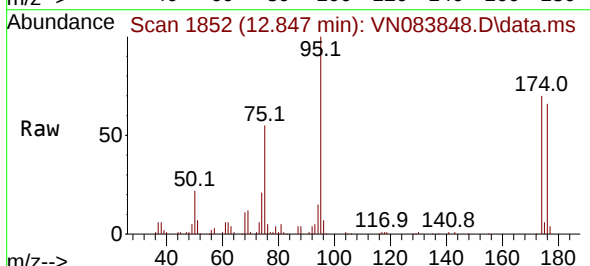
Manual Integrations
APPROVED

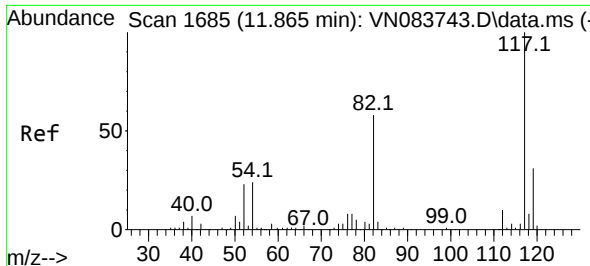
Reviewed By :John Carlone 09/13/2024
Supervised By :Mahesh Dadoda 09/13/2024



#62
4-Bromofluorobenzene
Concen: 50.518 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN083848.D
Acq: 13 Sep 2024 03:01

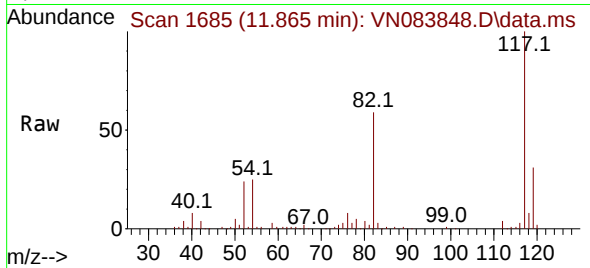
Tgt Ion: 95 Resp: 118770
Ion Ratio Lower Upper
95 100
174 69.6 0.0 139.8
176 68.7 0.0 131.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN083848.D
Acq: 13 Sep 2024 03:01

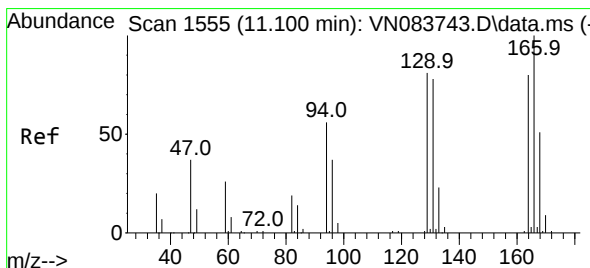
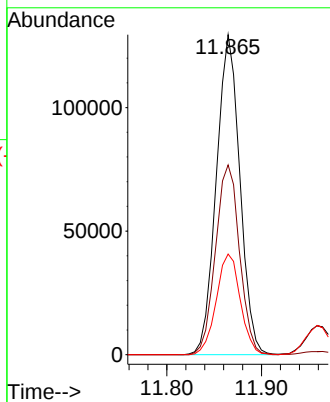
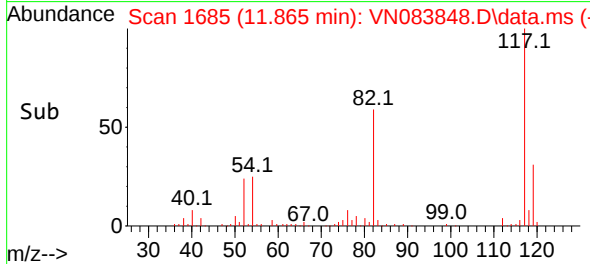
Instrument :
MSVOA_N
ClientSampleId :
VN0912WBS04



Tgt Ion:117 Resp: 223960
Ion Ratio Lower Upper
117 100
82 59.3 47.4 71.0
119 31.5 26.3 39.5

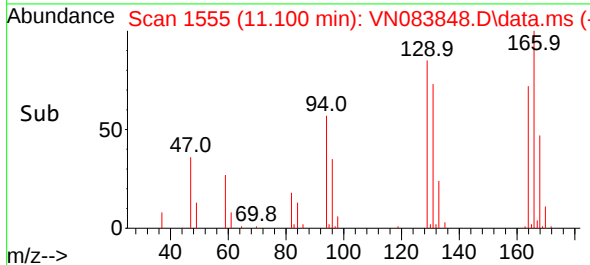
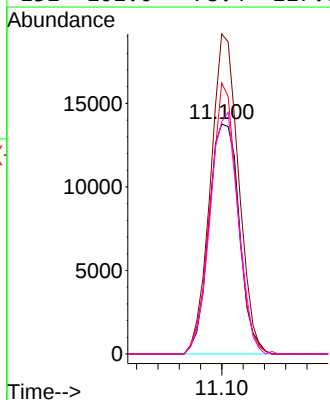
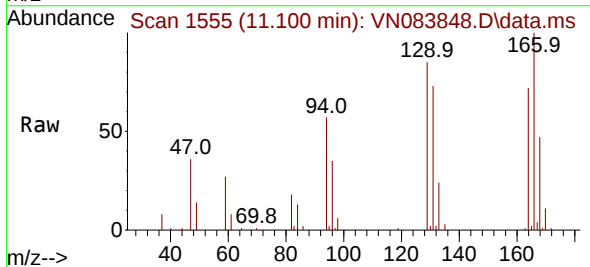
Manual Integrations
APPROVED

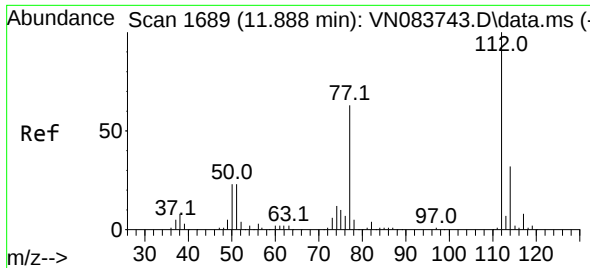
Reviewed By :John Carlone 09/13/2024
Supervised By :Mahesh Dadoda 09/13/2024



#64
Tetrachloroethene
Concen: 18.271 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VN083848.D
Acq: 13 Sep 2024 03:01

Tgt Ion:164 Resp: 27213
Ion Ratio Lower Upper
164 100
166 139.2 103.7 155.5
129 117.8 79.9 119.9
131 101.0 78.4 117.6





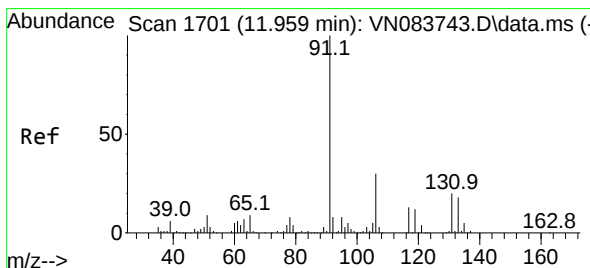
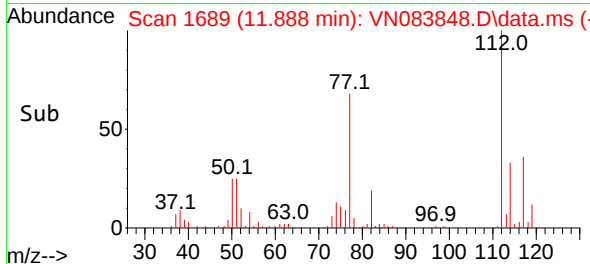
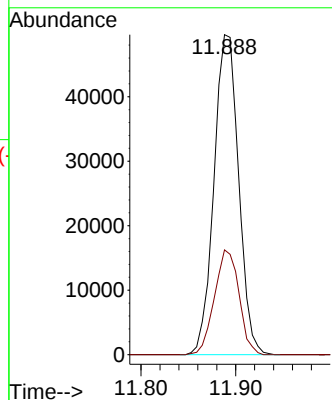
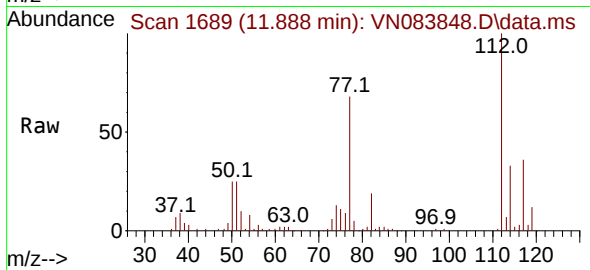
#65
Chlorobenzene
Concen: 18.038 ug/l
RT: 11.888 min Scan# 112
Delta R.T. -0.000 min
Lab File: VN083848.D
Acq: 13 Sep 2024 03:01

Instrument :
MSVOA_N
ClientSampleId :
VN0912WBS04

Tgt Ion:112 Resp: 8978
Ion Ratio Lower Upper
112 100
114 32.7 25.7 38.5

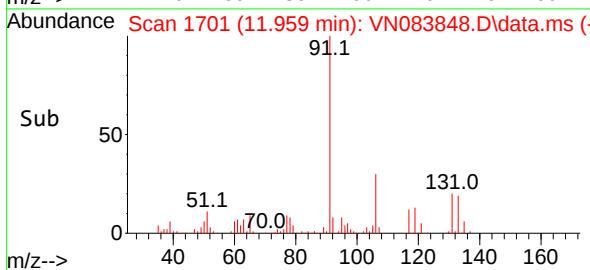
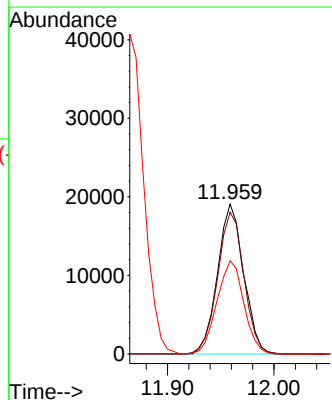
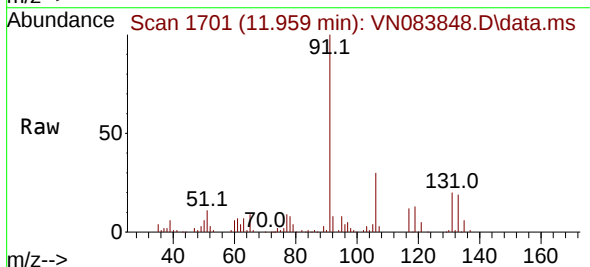
Manual Integrations
APPROVED

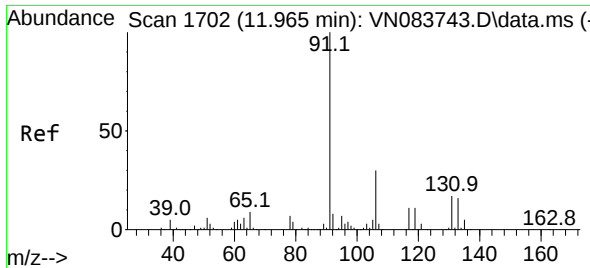
Reviewed By :John Carlone 09/13/2024
Supervised By :Mahesh Dadoda 09/13/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 18.784 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN083848.D
Acq: 13 Sep 2024 03:01

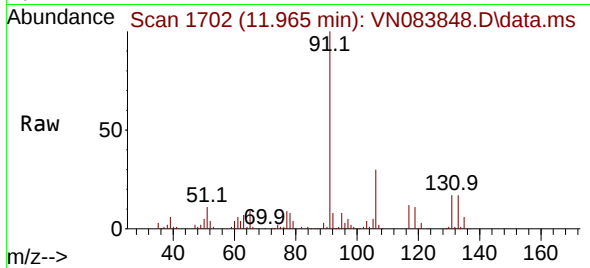
Tgt Ion:131 Resp: 32414
Ion Ratio Lower Upper
131 100
133 95.5 47.5 142.6
119 64.0 31.6 94.8





#67
Ethyl Benzene
Concen: 18.475 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN083848.D
Acq: 13 Sep 2024 03:01

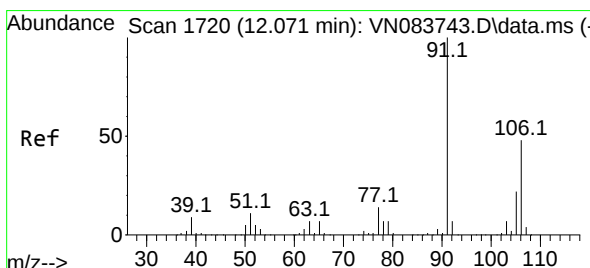
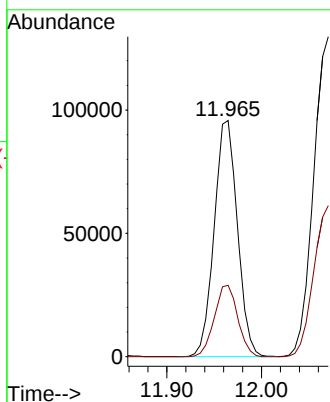
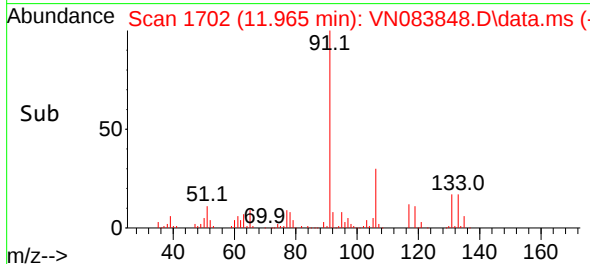
Instrument :
MSVOA_N
ClientSampleId :
VN0912WBS04



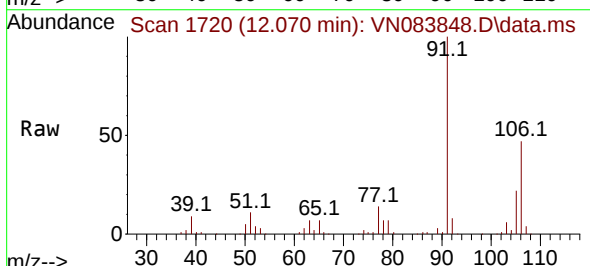
Tgt Ion: 91 Resp: 163364
Ion Ratio Lower Upper
91 100
106 30.2 24.3 36.5

Manual Integrations
APPROVED

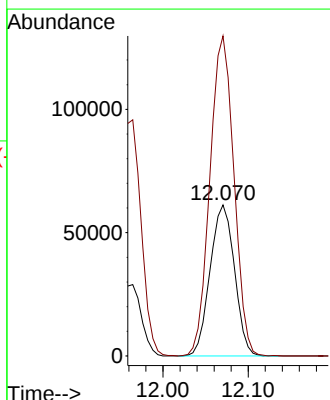
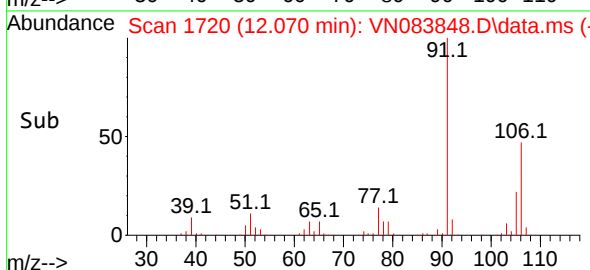
Reviewed By :John Carlone 09/13/2024
Supervised By :Mahesh Dadoda 09/13/2024

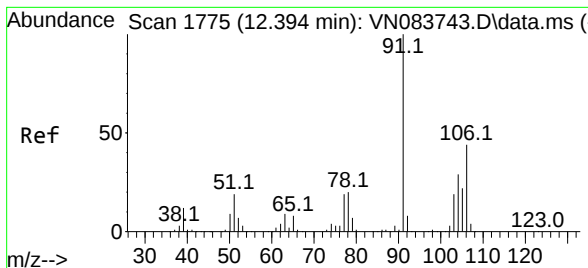


#68
m/p-Xylenes
Concen: 37.077 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN083848.D
Acq: 13 Sep 2024 03:01



Tgt Ion:106 Resp: 121721
Ion Ratio Lower Upper
106 100
91 209.0 169.2 253.8





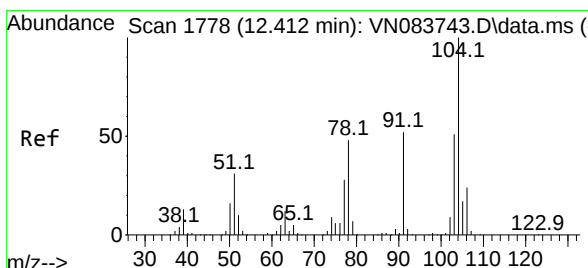
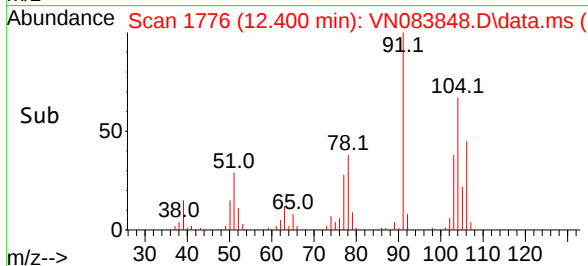
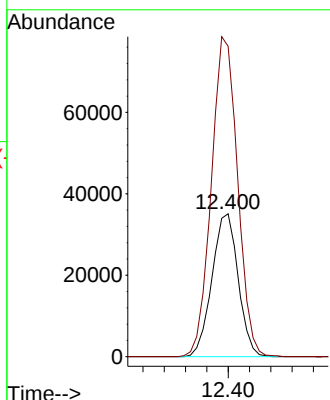
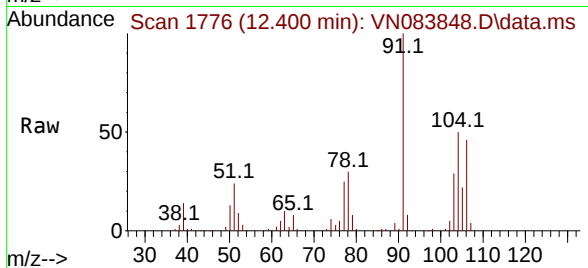
#69
o-Xylene
Concen: 18.800 ug/l
RT: 12.400 min Scan# 1775
Delta R.T. 0.006 min
Lab File: VN083848.D
Acq: 13 Sep 2024 03:01

Instrument :
MSVOA_N
ClientSampleId :
VN0912WBS04

Tgt Ion:106 Resp: 59749
Ion Ratio Lower Upper
106 100
91 225.2 112.9 338.6

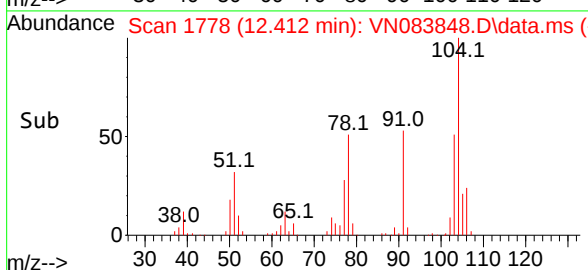
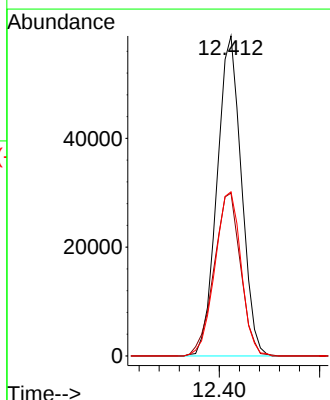
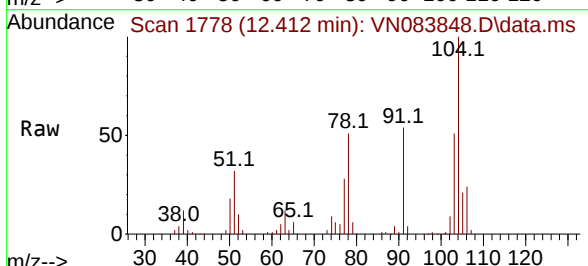
Manual Integrations
APPROVED

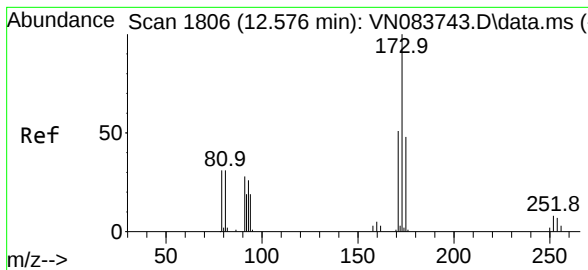
Reviewed By :John Carlone 09/13/2024
Supervised By :Mahesh Dadoda 09/13/2024



#70
Styrene
Concen: 19.035 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN083848.D
Acq: 13 Sep 2024 03:01

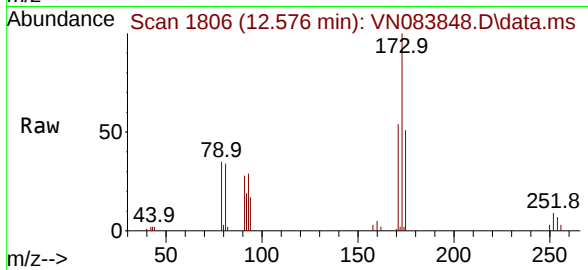
Tgt Ion:104 Resp: 99281
Ion Ratio Lower Upper
104 100
78 55.4 43.3 64.9
103 55.0 43.4 65.2





#71
Bromoform
Concen: 19.535 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VN083848.D
Acq: 13 Sep 2024 03:01

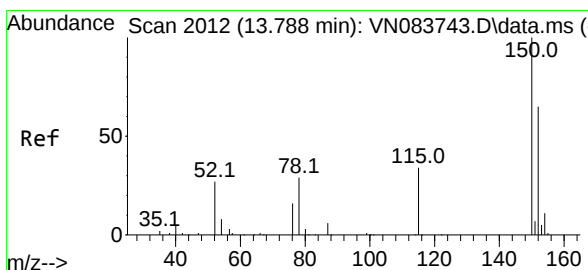
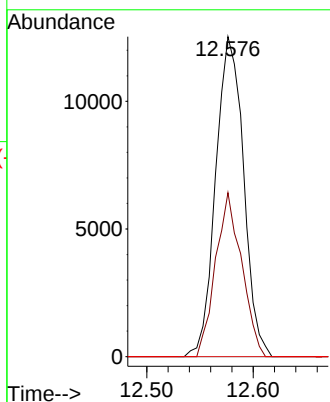
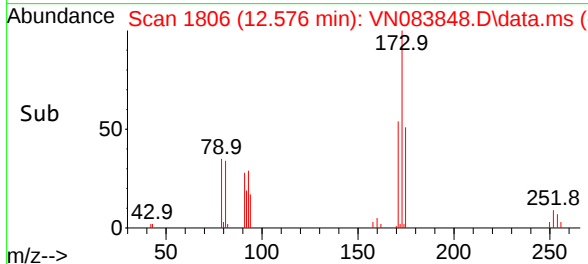
Instrument :
MSVOA_N
ClientSampleId :
VN0912WBS04



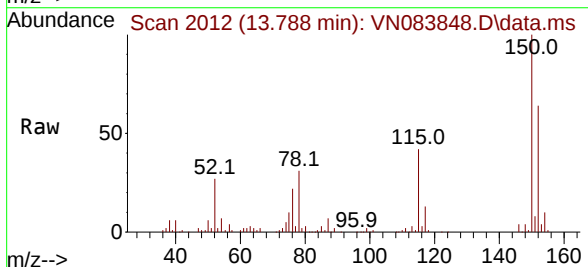
Tgt Ion:173 Resp: 22710
Ion Ratio Lower Upper
173 100
175 48.0 24.1 72.2
254 0.0 0.0 0.0

Manual Integrations
APPROVED

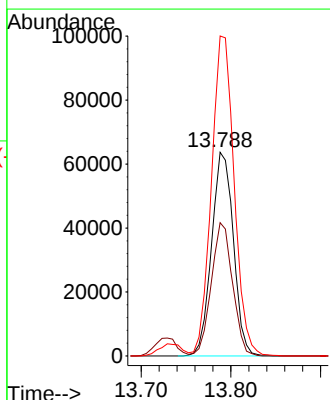
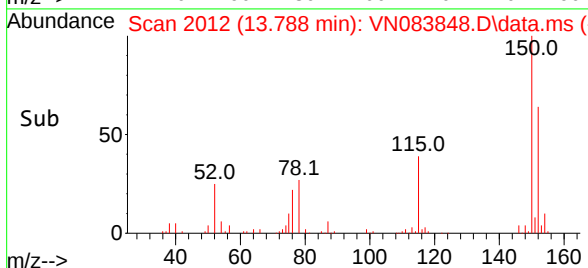
Reviewed By :John Carlone 09/13/2024
Supervised By :Mahesh Dadoda 09/13/2024

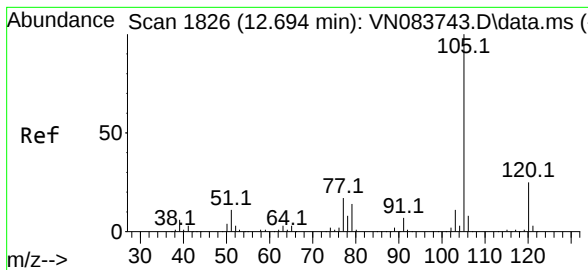


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN083848.D
Acq: 13 Sep 2024 03:01



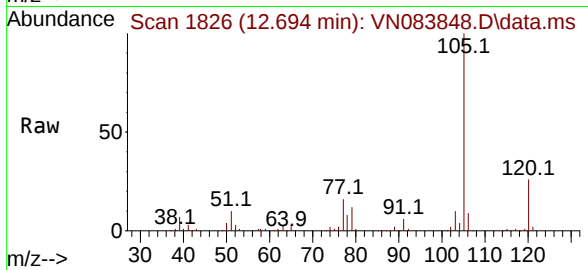
Tgt Ion:152 Resp: 107495
Ion Ratio Lower Upper
152 100
115 63.8 32.2 96.6
150 164.0 0.0 348.6





#73
Isopropylbenzene
Concen: 18.548 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN083848.D
Acq: 13 Sep 2024 03:01

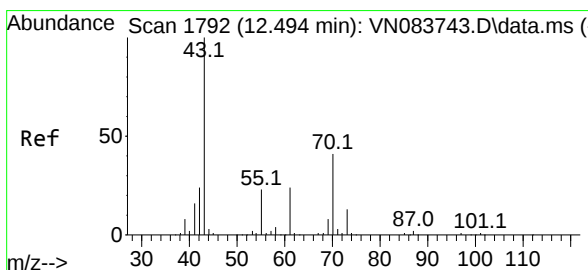
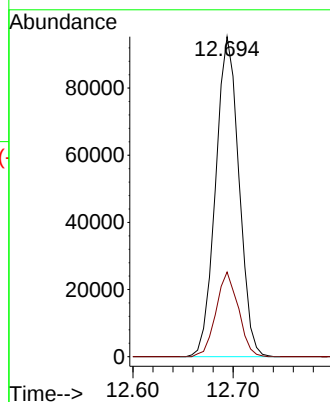
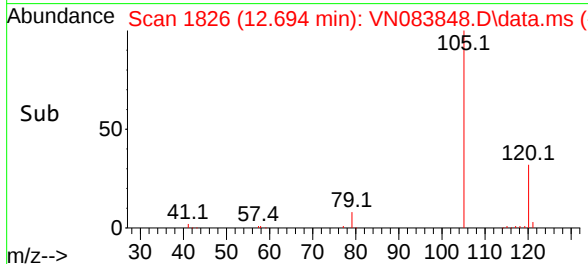
Instrument :
MSVOA_N
ClientSampleId :
VN0912WBS04



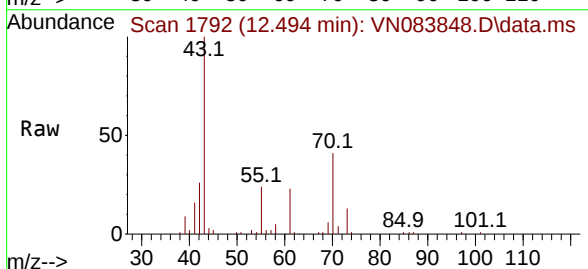
Tgt Ion:105 Resp: 154258
Ion Ratio Lower Upper
105 100
120 25.3 12.6 37.8

Manual Integrations
APPROVED

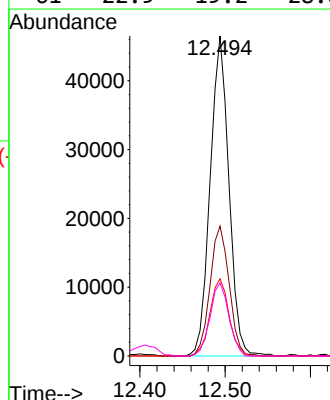
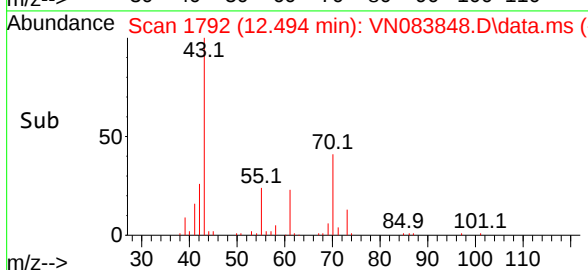
Reviewed By :John Carlone 09/13/2024
Supervised By :Mahesh Dadoda 09/13/2024

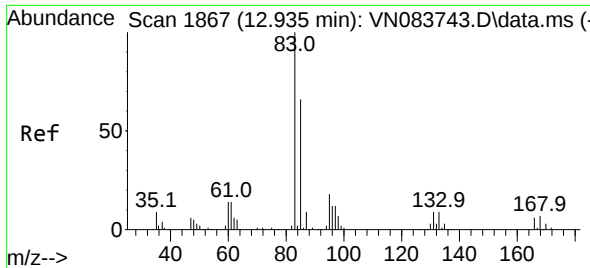


#74
N-ethyl acetate
Concen: 20.032 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. -0.000 min
Lab File: VN083848.D
Acq: 13 Sep 2024 03:01



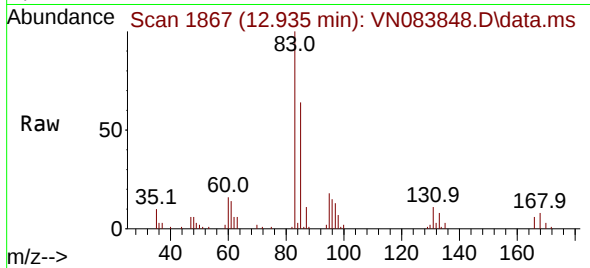
Tgt Ion: 43 Resp: 71078
Ion Ratio Lower Upper
43 100
70 41.3 34.5 51.7
55 24.5 18.6 28.0
61 22.9 19.2 28.8





#75
 1,1,2,2-Tetrachloroethane
 Concen: 19.074 ug/l
 RT: 12.935 min Scan# 1867
 Delta R.T. -0.000 min
 Lab File: VN083848.D
 Acq: 13 Sep 2024 03:01

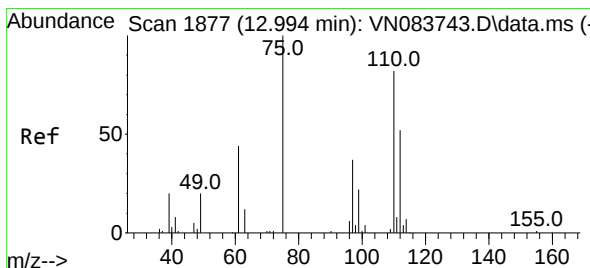
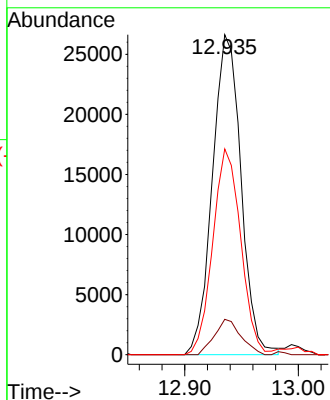
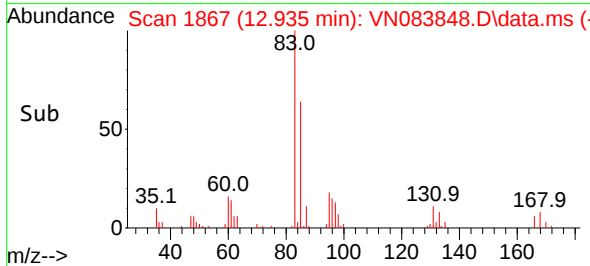
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0912WBS04



Tgt Ion: 83 Resp: 4660
 Ion Ratio Lower Upper
 83 100
 131 10.2 5.2 15.6
 85 62.9 31.9 95.9

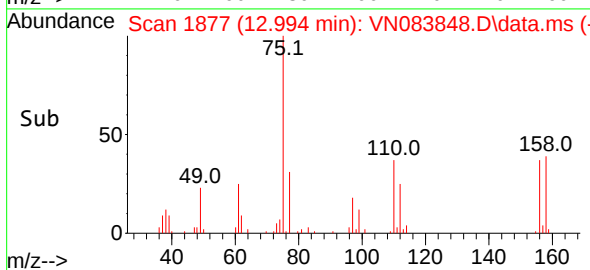
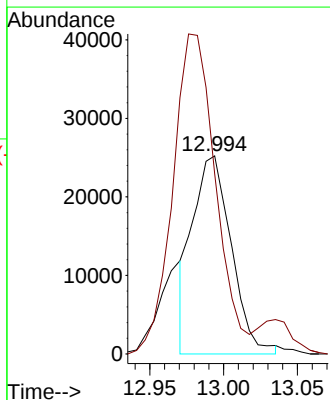
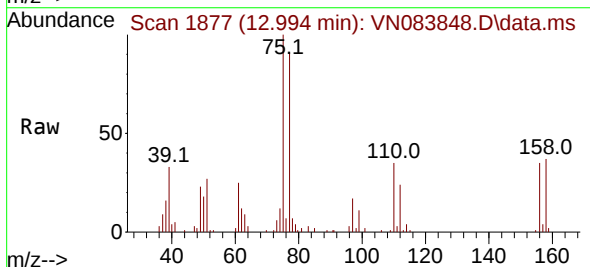
Manual Integrations
 APPROVED

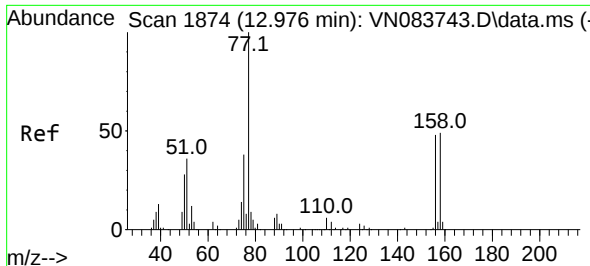
Reviewed By :John Carlone 09/13/2024
 Supervised By :Mahesh Dadoda 09/13/2024



#76
 1,2,3-Trichloropropane
 Concen: 21.158 ug/l m
 RT: 12.994 min Scan# 1877
 Delta R.T. -0.000 min
 Lab File: VN083848.D
 Acq: 13 Sep 2024 03:01

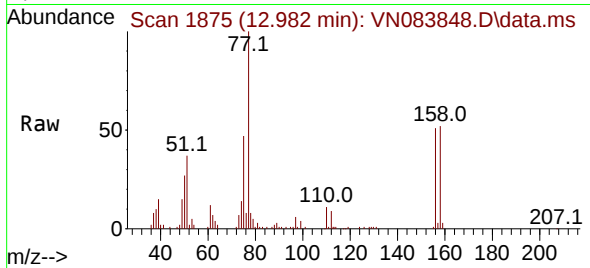
Tgt Ion: 75 Resp: 45893
 Ion Ratio Lower Upper
 75 100
 77 178.5 95.2 285.6





#77
Bromobenzene
Concen: 17.927 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.006 min
Lab File: VN083848.D
Acq: 13 Sep 2024 03:01

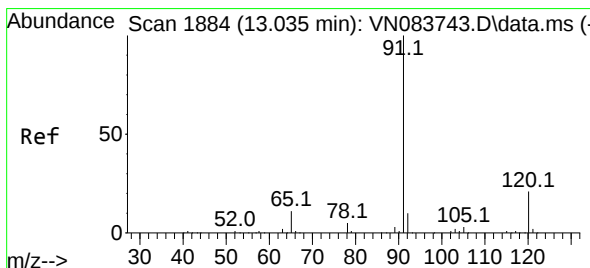
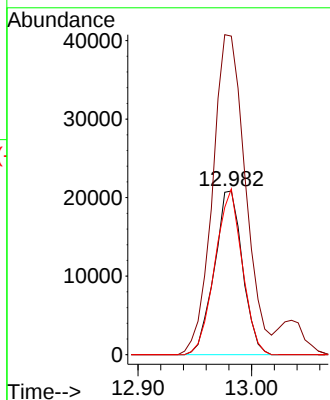
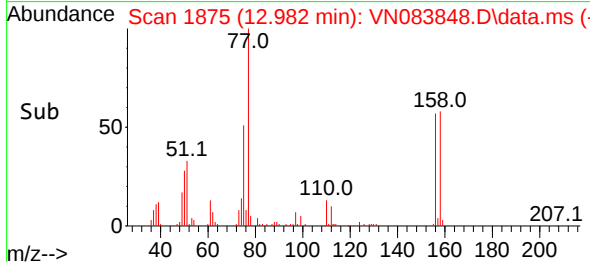
Instrument :
MSVOA_N
ClientSampleId :
VN0912WBS04



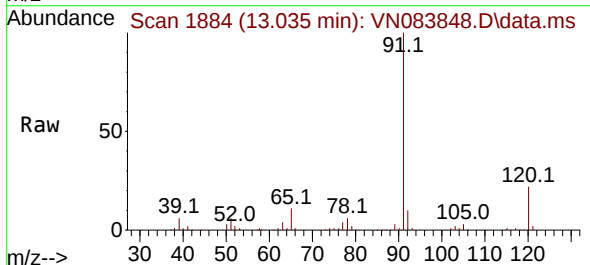
Tgt Ion:156 Resp: 3588
Ion Ratio Lower Upper
156 100
77 228.3 114.3 343.1
158 98.2 48.9 146.7

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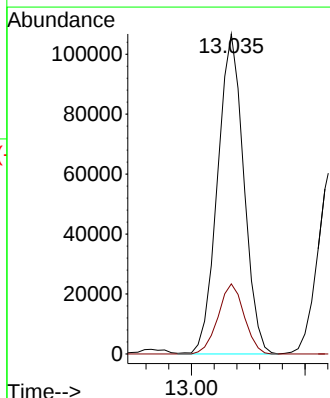
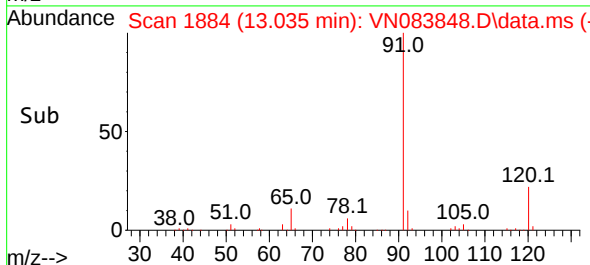
Reviewed By :John Carlone 09/13/2024
Supervised By :Mahesh Dadoda 09/13/2024

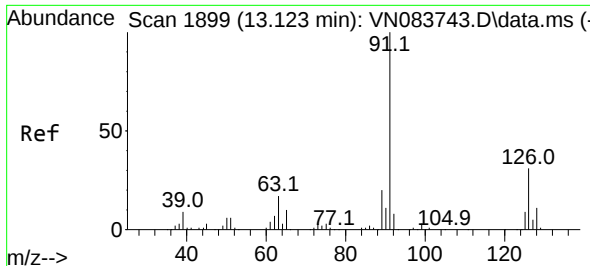


#78
n-propylbenzene
Concen: 17.661 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VN083848.D
Acq: 13 Sep 2024 03:01



Tgt Ion: 91 Resp: 170896
Ion Ratio Lower Upper
91 100
120 21.7 11.0 33.0





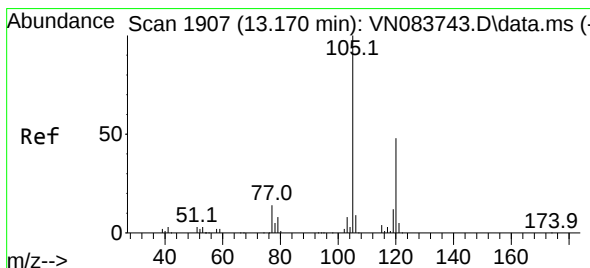
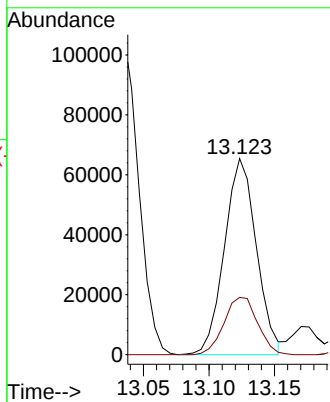
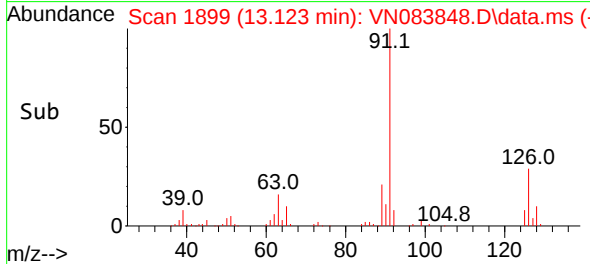
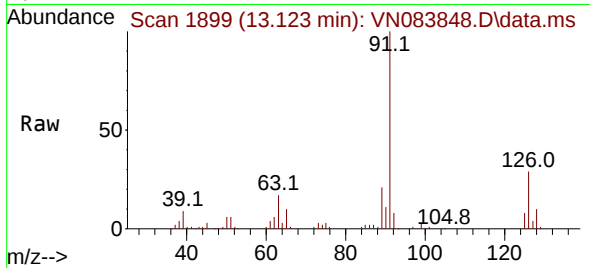
#79
2-Chlorotoluene
Concen: 18.021 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN083848.D
Acq: 13 Sep 2024 03:01

Instrument :
MSVOA_N
ClientSampleId :
VN0912WBS04

Tgt Ion: 91 Resp: 111209
Ion Ratio Lower Upper
91 100
126 30.7 15.4 46.2

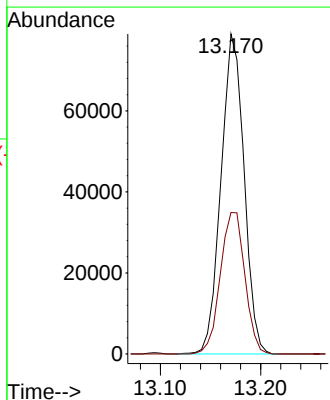
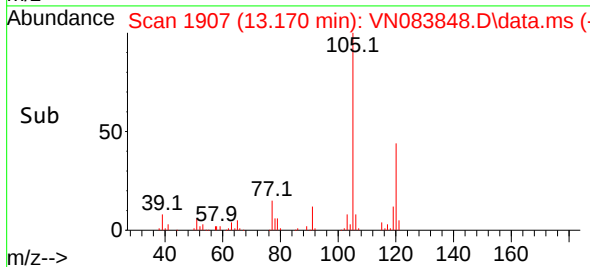
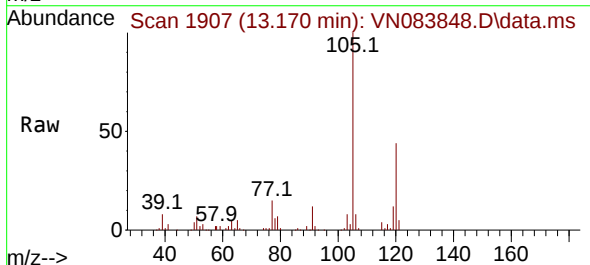
Manual Integrations
APPROVED

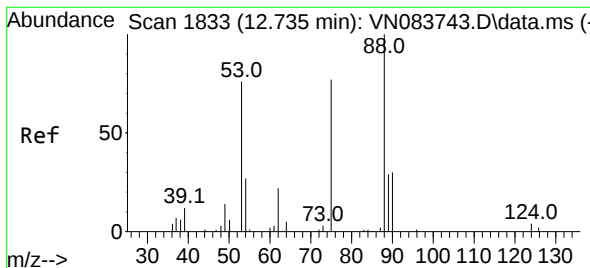
Reviewed By :John Carlone 09/13/2024
Supervised By :Mahesh Dadoda 09/13/2024



#80
1,3,5-Trimethylbenzene
Concen: 17.970 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN083848.D
Acq: 13 Sep 2024 03:01

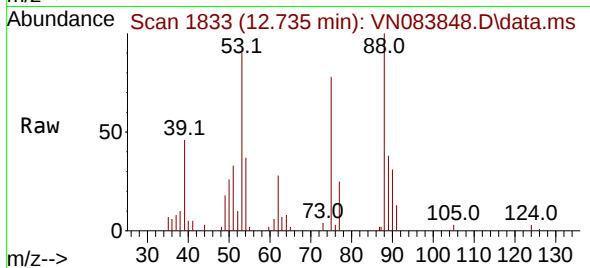
Tgt Ion:105 Resp: 125996
Ion Ratio Lower Upper
105 100
120 47.0 23.4 70.3





#81
trans-1,4-Dichloro-2-butene
Concen: 17.041 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN083848.D
Acq: 13 Sep 2024 03:01

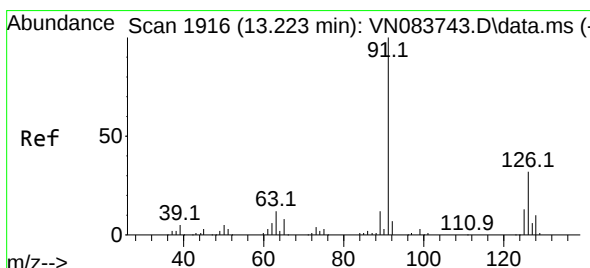
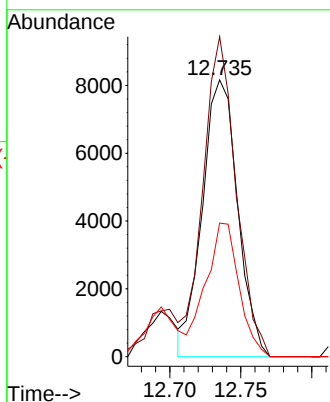
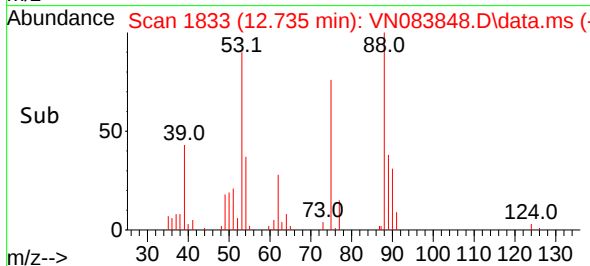
Instrument :
MSVOA_N
ClientSampleId :
VN0912WBS04



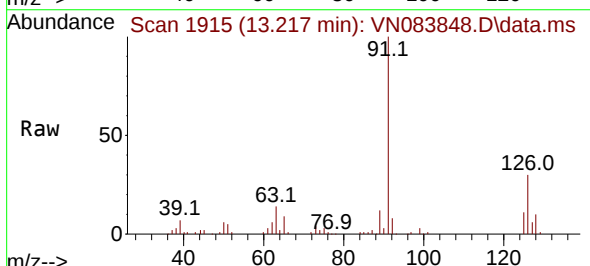
Tgt Ion: 75 Resp: 1411
Ion Ratio Lower Upper
75 100
53 108.3 81.2 121.8
89 45.2 35.7 53.5

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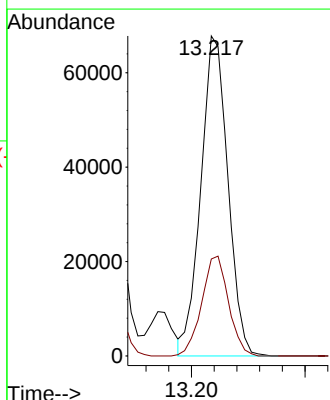
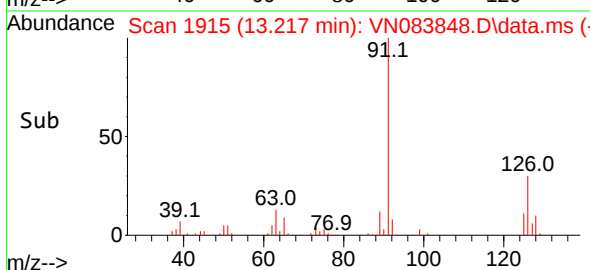
Reviewed By :John Carlone 09/13/2024
Supervised By :Mahesh Dadoda 09/13/2024

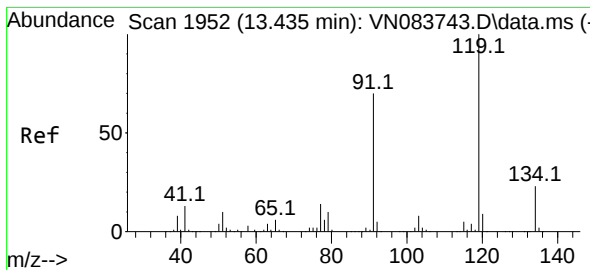


#82
4-Chlorotoluene
Concen: 18.102 ug/l
RT: 13.217 min Scan# 1915
Delta R.T. -0.006 min
Lab File: VN083848.D
Acq: 13 Sep 2024 03:01



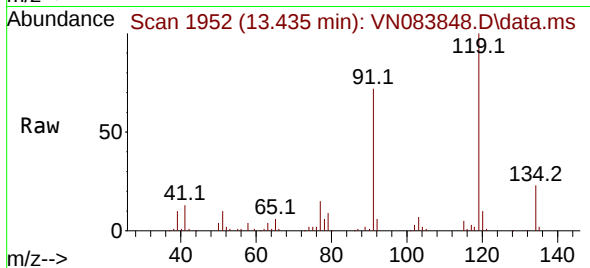
Tgt Ion: 91 Resp: 112104
Ion Ratio Lower Upper
91 100
126 31.0 15.4 46.2





#83
tert-Butylbenzene
Concen: 18.138 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VN083848.D
Acq: 13 Sep 2024 03:01

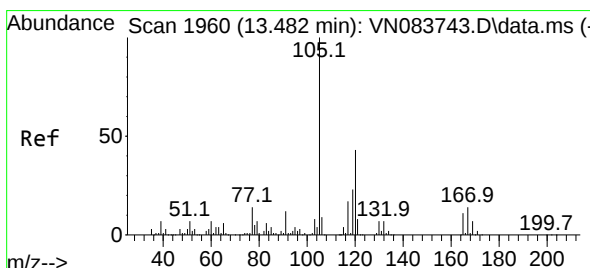
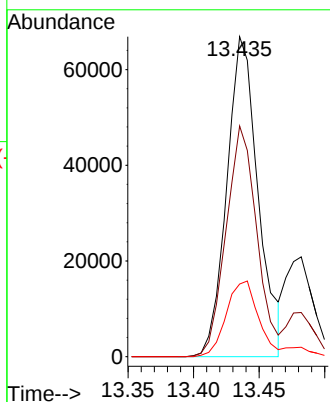
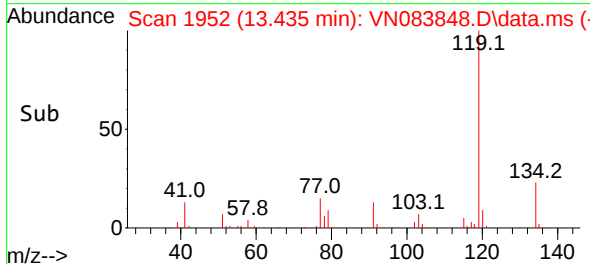
Instrument :
MSVOA_N
ClientSampleId :
VN0912WBS04



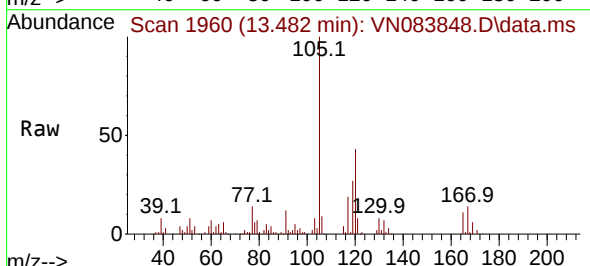
Tgt Ion:119 Resp: 111264
Ion Ratio Lower Upper
119 100
91 70.8 34.5 103.6
134 24.7 12.8 38.4

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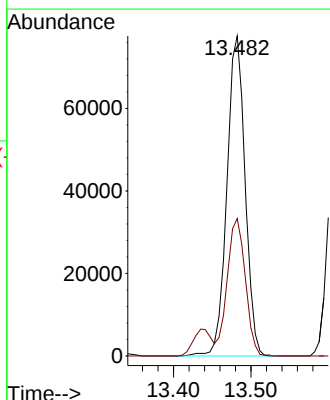
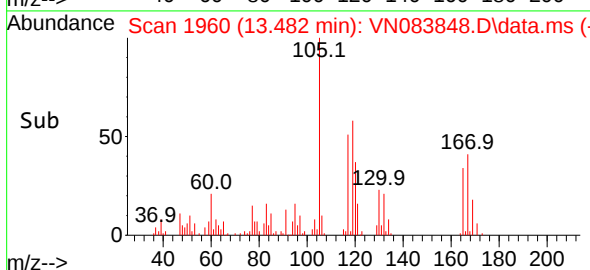
Reviewed By :John Carlone 09/13/2024
Supervised By :Mahesh Dadoda 09/13/2024

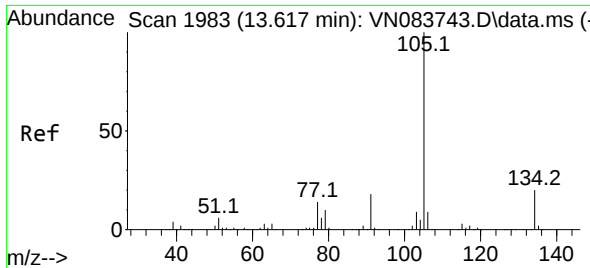


#84
1,2,4-Trimethylbenzene
Concen: 17.980 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.000 min
Lab File: VN083848.D
Acq: 13 Sep 2024 03:01



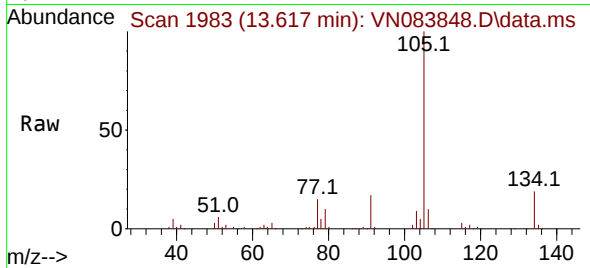
Tgt Ion:105 Resp: 126634
Ion Ratio Lower Upper
105 100
120 42.8 21.8 65.4





#85
 sec-Butylbenzene
 Concen: 18.029 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. -0.000 min
 Lab File: VN083848.D
 Acq: 13 Sep 2024 03:01

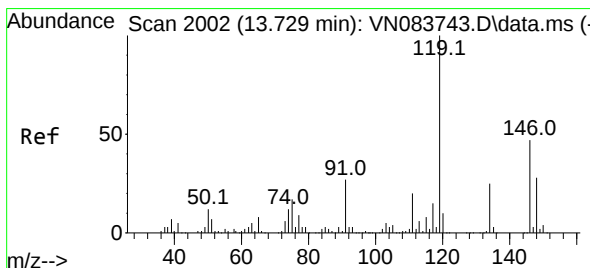
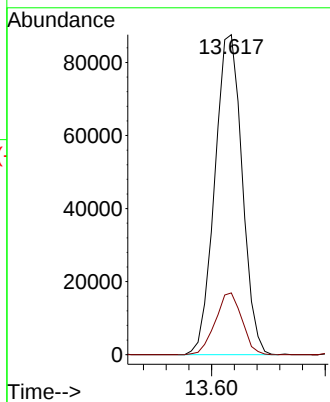
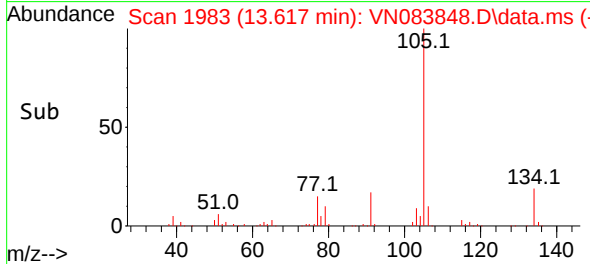
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0912WBS04



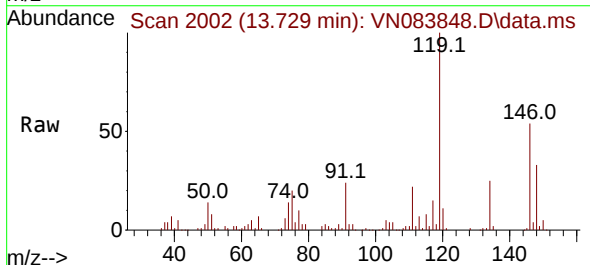
Tgt Ion:105 Resp: 146672
 Ion Ratio Lower Upper
 105 100
 134 18.8 9.7 29.1

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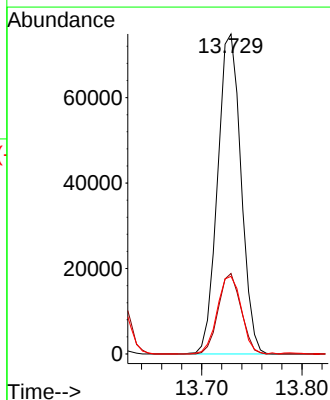
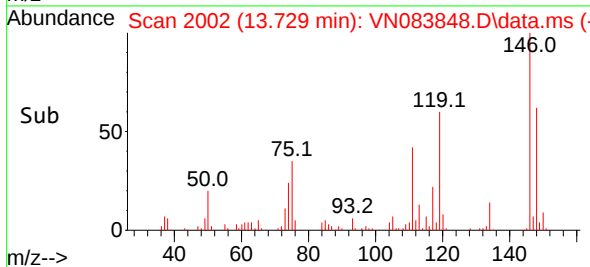
Reviewed By :John Carlone 09/13/2024
 Supervised By :Mahesh Dadoda 09/13/2024



#86
 p-Isopropyltoluene
 Concen: 17.798 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.000 min
 Lab File: VN083848.D
 Acq: 13 Sep 2024 03:01



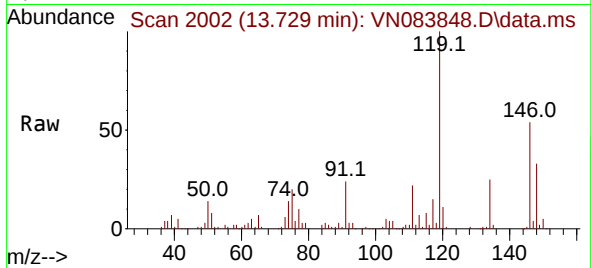
Tgt Ion:119 Resp: 121381
 Ion Ratio Lower Upper
 119 100
 134 24.4 12.8 38.3
 91 25.0 12.9 38.7





#87
 1,3-Dichlorobenzene
 Concen: 17.695 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.000 min
 Lab File: VN083848.D
 Acq: 13 Sep 2024 03:01

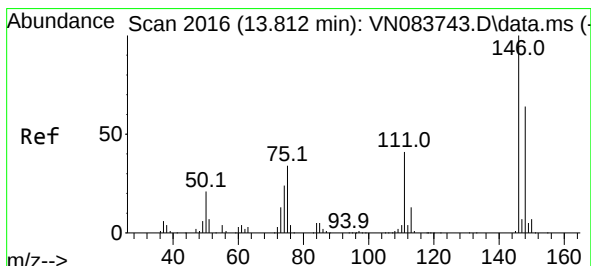
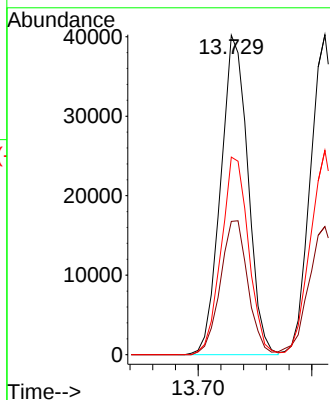
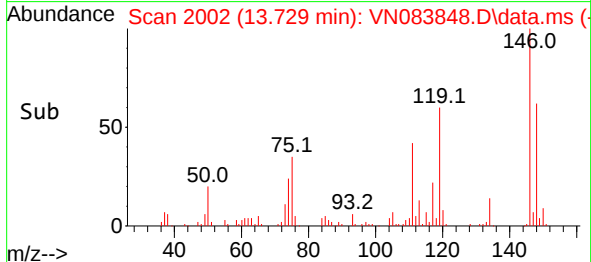
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0912WBS04



Tgt Ion:146 Resp: 6685
 Ion Ratio Lower Upper
 146 100
 111 42.4 21.7 65.1
 148 62.3 31.7 95.1

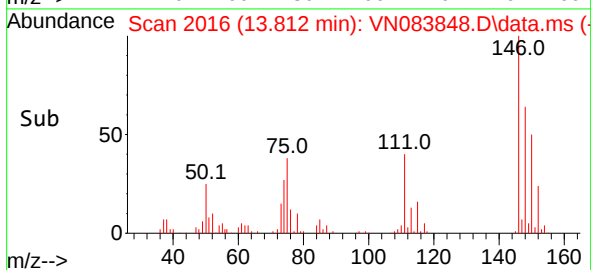
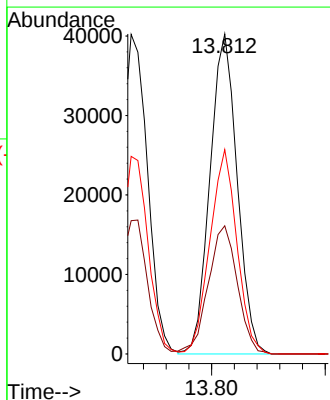
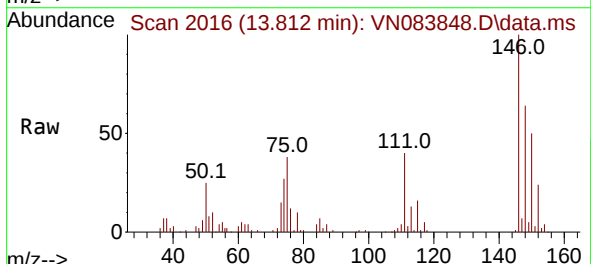
Manual Integrations
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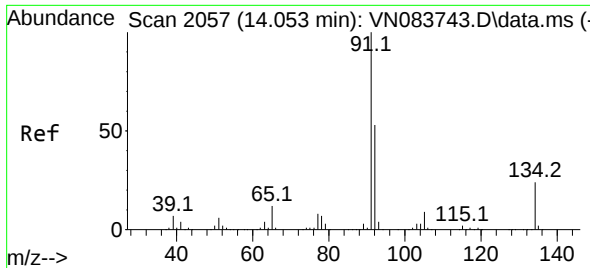
Reviewed By :John Carlone 09/13/2024
 Supervised By :Mahesh Dadoda 09/13/2024



#88
 1,4-Dichlorobenzene
 Concen: 17.499 ug/l
 RT: 13.812 min Scan# 2016
 Delta R.T. -0.000 min
 Lab File: VN083848.D
 Acq: 13 Sep 2024 03:01

Tgt Ion:146 Resp: 66943
 Ion Ratio Lower Upper
 146 100
 111 43.1 21.3 64.0
 148 63.5 32.0 96.2





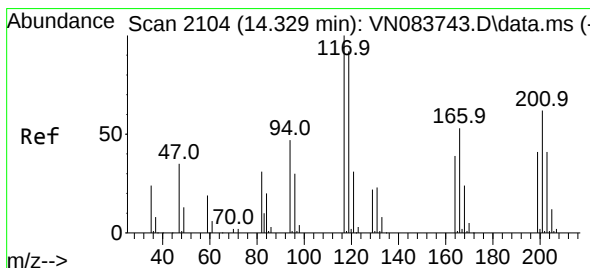
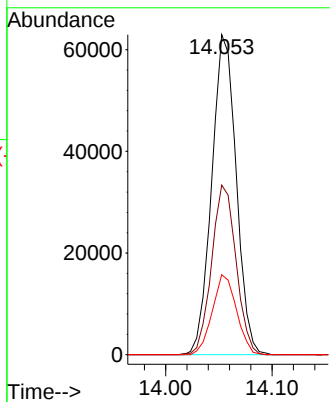
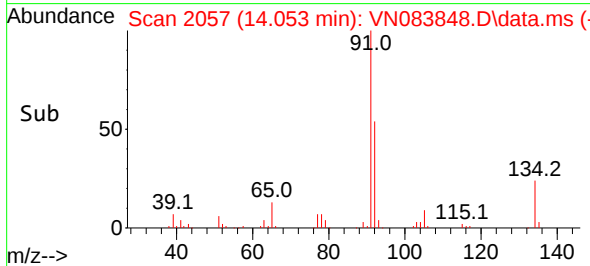
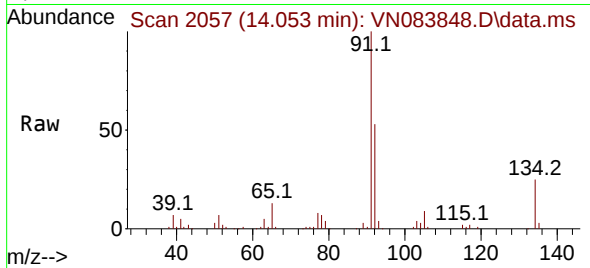
#89
n-Butylbenzene
Concen: 16.422 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN083848.D
Acq: 13 Sep 2024 03:01

Instrument :
MSVOA_N
ClientSampleId :
VN0912WBS04

Tgt Ion: 91 Resp: 10055
Ion Ratio Lower Upper
91 100
92 52.8 26.7 80.1
134 24.7 12.2 36.4

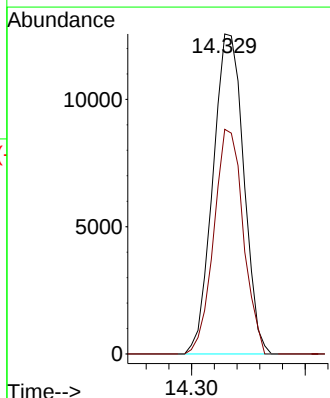
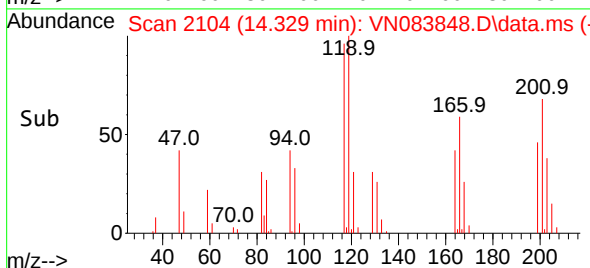
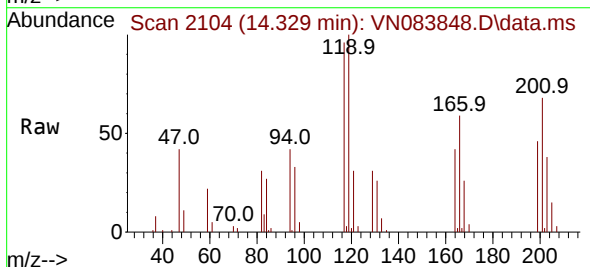
Manual Integrations
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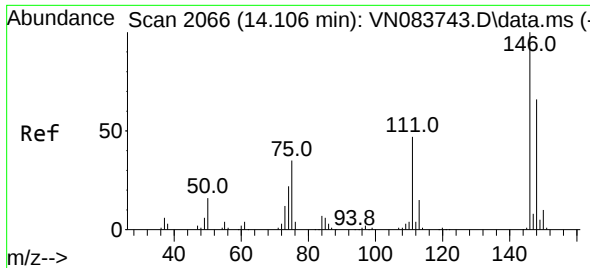
Reviewed By :John Carlone 09/13/2024
Supervised By :Mahesh Dadoda 09/13/2024



#90
Hexachloroethane
Concen: 17.273 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. -0.000 min
Lab File: VN083848.D
Acq: 13 Sep 2024 03:01

Tgt Ion:117 Resp: 23680
Ion Ratio Lower Upper
117 100
201 67.1 32.8 98.3





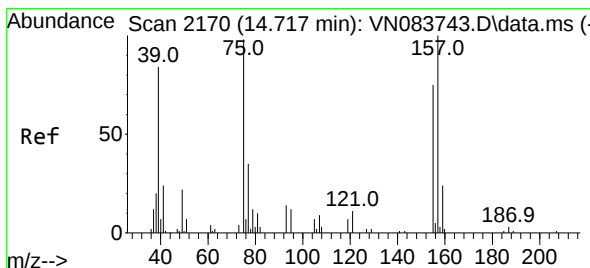
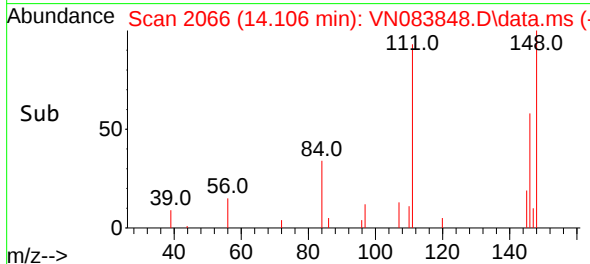
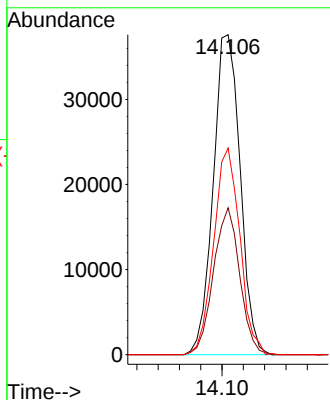
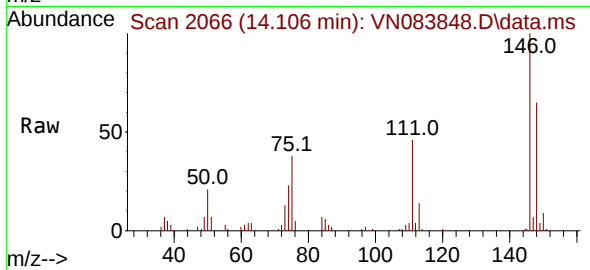
#91
1,2-Dichlorobenzene
Concen: 18.079 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN083848.D
Acq: 13 Sep 2024 03:01

Instrument :
MSVOA_N
ClientSampleId :
VN0912WBS04

Tgt Ion:146 Resp: 65918
Ion Ratio Lower Upper
146 100
111 44.7 22.8 68.3
148 62.8 32.1 96.5

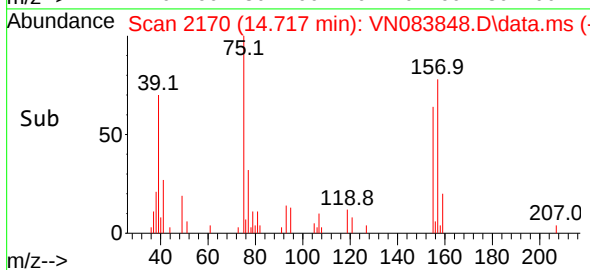
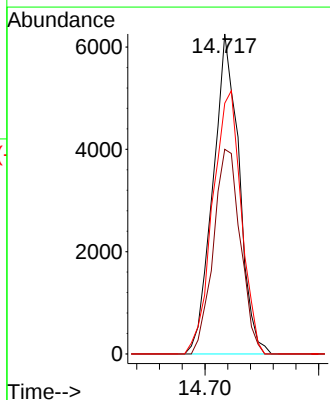
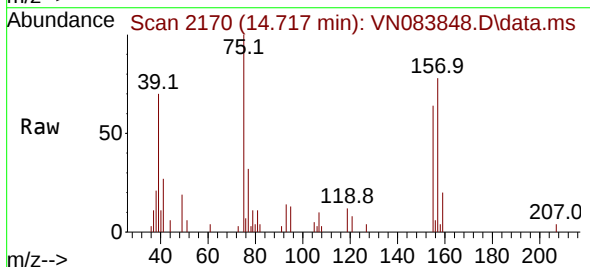
Manual Integrations
APPROVED

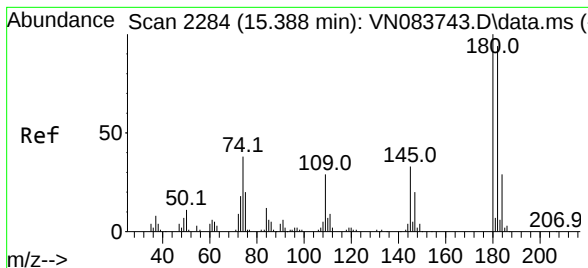
Reviewed By :John Carlone 09/13/2024
Supervised By :Mahesh Dadoda 09/13/2024



#92
1,2-Dibromo-3-Chloropropane
Concen: 20.484 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.000 min
Lab File: VN083848.D
Acq: 13 Sep 2024 03:01

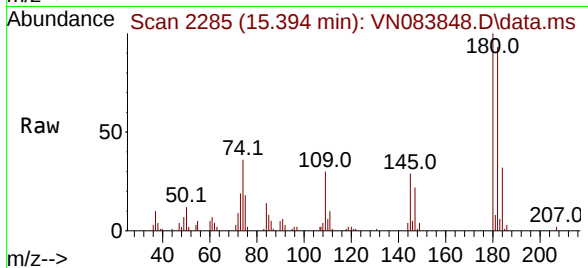
Tgt Ion: 75 Resp: 9978
Ion Ratio Lower Upper
75 100
155 66.4 35.9 107.7
157 89.8 47.5 142.5





#93
1,2,4-Trichlorobenzene
Concen: 16.659 ug/l
RT: 15.394 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN083848.D
Acq: 13 Sep 2024 03:01

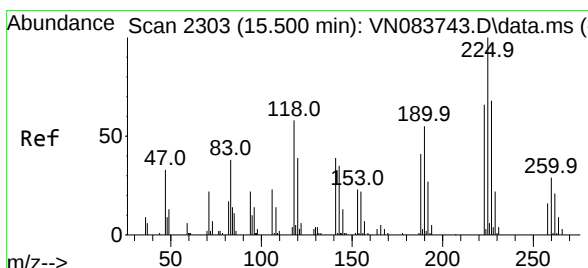
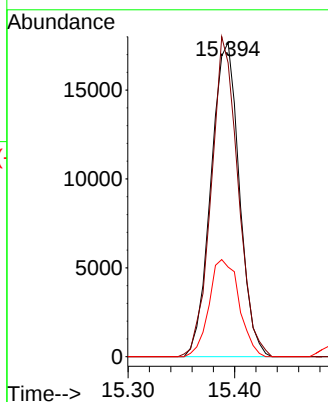
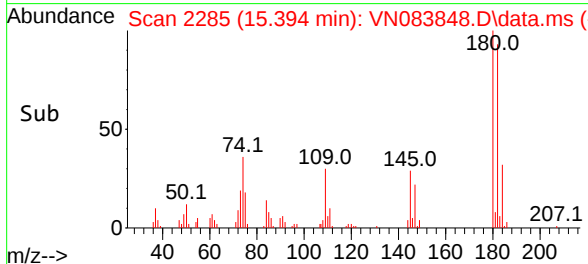
Instrument :
MSVOA_N
ClientSampleId :
VN0912WBS04



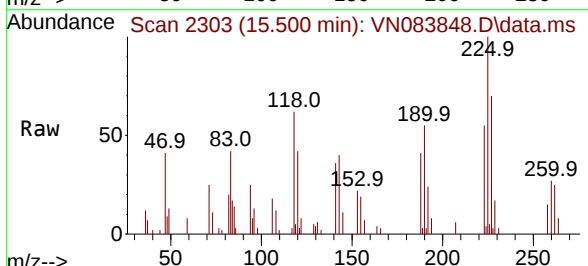
Tgt Ion:180 Resp: 32590
Ion Ratio Lower Upper
180 100
182 96.4 48.1 144.3
145 32.7 16.9 50.7

Manual Integrations
APPROVED

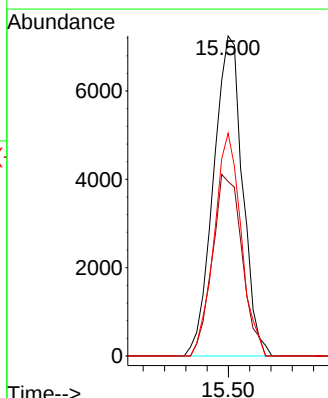
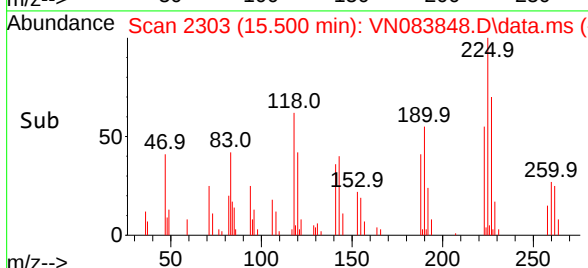
Reviewed By :John Carlone 09/13/2024
Supervised By :Mahesh Dadoda 09/13/2024

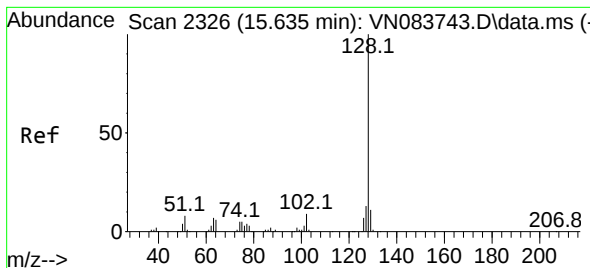


#94
Hexachlorobutadiene
Concen: 16.590 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. -0.000 min
Lab File: VN083848.D
Acq: 13 Sep 2024 03:01



Tgt Ion:225 Resp: 13785
Ion Ratio Lower Upper
225 100
223 57.6 31.9 95.5
227 64.3 32.0 96.2





#95

Naphthalene

Concen: 18.535 ug/l

RT: 15.641 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN083848.D

Acq: 13 Sep 2024 03:01

Instrument :

MSVOA_N

ClientSampleId :

VN0912WBS04

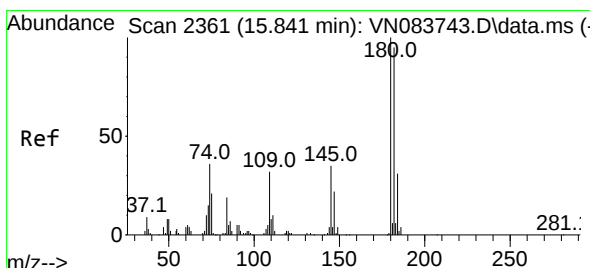
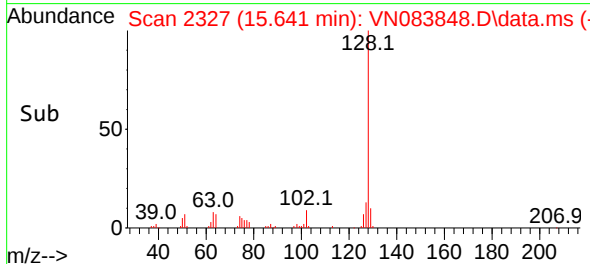
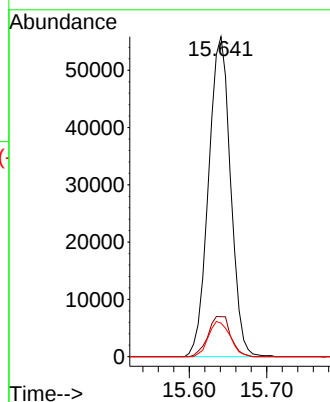
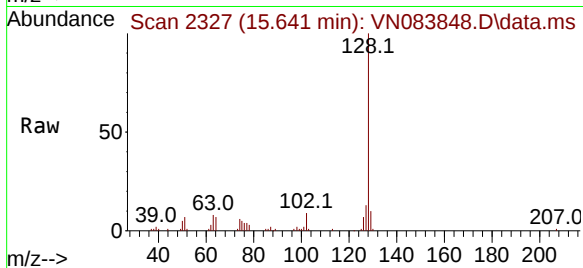
Tgt Ion:128	Resp: 11033
Ion Ratio	Lower Upper
128 100	
127 13.0	10.2 15.2
129 10.8	8.7 13.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/13/2024

Supervised By :Mahesh Dadoda 09/13/2024



#96

1,2,3-Trichlorobenzene

Concen: 16.779 ug/l

RT: 15.835 min Scan# 2360

Delta R.T. -0.006 min

Lab File: VN083848.D

Acq: 13 Sep 2024 03:01

Tgt Ion:180	Resp: 31375
Ion Ratio	Lower Upper
180 100	
182 96.4	47.1 141.4
145 37.1	17.8 53.5

