

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN053024\
 Data File : VN082394.D
 Acq On : 30 May 2024 14:55
 Operator : JC\MD
 Sample : VN0530WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0530WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/31/2024
 Supervised By : Mahesh Dadoda 05/31/2024

Quant Time: May 31 03:28:25 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051524W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 16 05:21:06 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	198886	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	336629	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	295002	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	131660	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	152600	48.592	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	97.180%		
35) Dibromofluoromethane	8.165	113	107127	51.732	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	103.460%		
50) Toluene-d8	10.565	98	393545	49.570	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	99.140%		
62) 4-Bromofluorobenzene	12.853	95	136564	48.193	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery =	96.380%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	49683	17.327	ug/l	100
3) Chloromethane	2.359	50	53810	16.559	ug/l	96
4) Vinyl Chloride	2.518	62	78195	25.595	ug/l	98
5) Bromomethane	2.959	94	31425	17.896	ug/l	85
6) Chloroethane	3.124	64	35732	17.912	ug/l	94
7) Trichlorofluoromethane	3.500	101	77168	19.290	ug/l	96
8) Diethyl Ether	3.965	74	28383	19.916	ug/l	70
9) 1,1,2-Trichlorotrifluo...	4.371	101	45406	19.430	ug/l	98
10) Methyl Iodide	4.594	142	43062	18.330	ug/l	92
11) Tert butyl alcohol	5.512	59	49806	98.799	ug/l	99
12) 1,1-Dichloroethene	4.342	96	40686	18.731	ug/l #	72
13) Acrolein	4.171	56	33919	90.798	ug/l	96
14) Allyl chloride	5.024	41	88418	19.013	ug/l #	89
15) Acrylonitrile	5.724	53	131738	100.903	ug/l	100
16) Acetone	4.430	43	121254	94.121	ug/l	94
17) Carbon Disulfide	4.718	76	104290	14.866	ug/l	98
18) Methyl Acetate	5.024	43	68746	21.428	ug/l #	87
19) Methyl tert-butyl Ether	5.794	73	162468	20.464	ug/l	94
20) Methylene Chloride	5.283	84	52044	20.023	ug/l #	78
21) trans-1,2-Dichloroethene	5.789	96	44030	18.601	ug/l #	78
22) Diisopropyl ether	6.677	45	187894	19.349	ug/l #	91
23) Vinyl Acetate	6.606	43	744904	97.295	ug/l #	90
24) 1,1-Dichloroethane	6.571	63	97717	19.523	ug/l	96
25) 2-Butanone	7.483	43	191724	98.158	ug/l #	83
26) 2,2-Dichloropropane	7.494	77	83825	19.995	ug/l	97
27) cis-1,2-Dichloroethene	7.488	96	55865	19.999	ug/l	84
28) Bromochloromethane	7.812	49	42799	19.071	ug/l #	77
29) Tetrahydrofuran	7.841	42	126100	100.552	ug/l #	84
30) Chloroform	7.965	83	96865	20.266	ug/l	95
31) Cyclohexane	8.259	56	84300	16.807	ug/l	88
32) 1,1,1-Trichloroethane	8.171	97	85392	20.138	ug/l	93
36) 1,1-Dichloropropene	8.371	75	65250	18.788	ug/l	96
37) Ethyl Acetate	7.565	43	77092	19.835	ug/l #	95
38) Carbon Tetrachloride	8.365	117	73215	20.796	ug/l	100
39) Methylcyclohexane	9.600	83	67496	17.730	ug/l #	84
40) Benzene	8.606	78	205317	19.825	ug/l	98

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	44328	19.392	ug/l #	88
42) 1,2-Dichloroethane	8.671	62	81736	20.520	ug/l	94
43) Isopropyl Acetate	8.688	43	142750	20.727	ug/l #	89
44) Trichloroethene	9.353	130	47715	20.282	ug/l	91
45) 1,2-Dichloropropane	9.624	63	53676	20.087	ug/l	96
46) Dibromomethane	9.712	93	35436	20.199	ug/l	99
47) Bromodichloromethane	9.888	83	77928	21.041	ug/l	96
48) Methyl methacrylate	9.682	41	67632	20.609	ug/l #	82
49) 1,4-Dioxane	9.694	88	19279	419.241	ug/l #	76
51) 4-Methyl-2-Pentanone	10.447	43	411634	105.196	ug/l	89
52) Toluene	10.629	92	126236	20.311	ug/l	97
53) t-1,3-Dichloropropene	10.841	75	78972	20.617	ug/l	93
54) cis-1,3-Dichloropropene	10.312	75	83115	20.500	ug/l #	80
55) 1,1,2-Trichloroethane	11.018	97	48237	21.357	ug/l	98
56) Ethyl methacrylate	10.876	69	79881	20.832	ug/l #	63
57) 1,3-Dichloropropane	11.165	76	86280	20.431	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	178010	89.999	ug/l	92
59) 2-Hexanone	11.194	43	301205	105.128	ug/l	89
60) Dibromochloromethane	11.359	129	55614	22.312	ug/l	97
61) 1,2-Dibromoethane	11.470	107	48341	20.838	ug/l	97
64) Tetrachloroethene	11.106	164	46144	21.104	ug/l	92
65) Chlorobenzene	11.894	112	136642	20.967	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.965	131	48384	22.539	ug/l	99
67) Ethyl Benzene	11.965	91	240003	20.587	ug/l	98
68) m/p-Xylenes	12.070	106	176254	41.251	ug/l	91
69) o-Xylene	12.400	106	86205	20.828	ug/l	90
70) Styrene	12.412	104	147247	21.419	ug/l	95
71) Bromoform	12.582	173	35069	20.953	ug/l #	96
73) Isopropylbenzene	12.700	105	224306	21.445	ug/l	99
74) N-amyl acetate	12.494	43	119063	20.694	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	12.935	83	67523	22.395	ug/l	96
76) 1,2,3-Trichloropropane	12.994	75	62677m	22.618	ug/l	
77) Bromobenzene	12.982	156	54167	21.731	ug/l	91
78) n-propylbenzene	13.035	91	260613	21.041	ug/l	97
79) 2-Chlorotoluene	13.123	91	161016	20.702	ug/l	95
80) 1,3,5-Trimethylbenzene	13.170	105	186082	22.002	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.735	75	23833	20.116	ug/l #	77
82) 4-Chlorotoluene	13.223	91	158143	20.796	ug/l	96
83) tert-Butylbenzene	13.441	119	159223	21.519	ug/l	95
84) 1,2,4-Trimethylbenzene	13.482	105	185099	21.392	ug/l	99
85) sec-Butylbenzene	13.617	105	218499	21.305	ug/l	98
86) p-Isopropyltoluene	13.729	119	180502	21.656	ug/l	97
87) 1,3-Dichlorobenzene	13.735	146	96473	21.363	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	95242	20.664	ug/l	98
89) n-Butylbenzene	14.059	91	154933	20.681	ug/l	98
90) Hexachloroethane	14.335	117	32157	20.823	ug/l	93
91) 1,2-Dichlorobenzene	14.106	146	93877	21.961	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	13744	22.186	ug/l	92
93) 1,2,4-Trichlorobenzene	15.394	180	49670	20.729	ug/l	98
94) Hexachlorobutadiene	15.506	225	21186	20.150	ug/l	99
95) Naphthalene	15.641	128	164053	21.847	ug/l	98
96) 1,2,3-Trichlorobenzene	15.841	180	50381	21.003	ug/l	97

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MSVOA_N
ClientSampleId :
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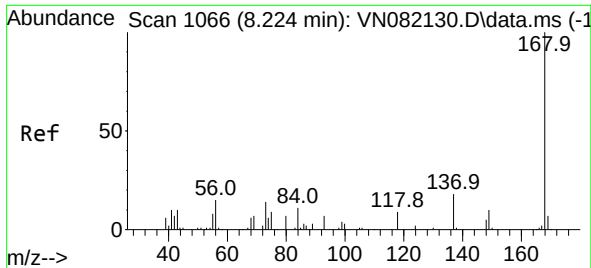
Manual Integrations
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Quant Title : SW846 8260
QLast Update : Thu May 16 05:21:06 2024
Response via : Initial Calibration

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



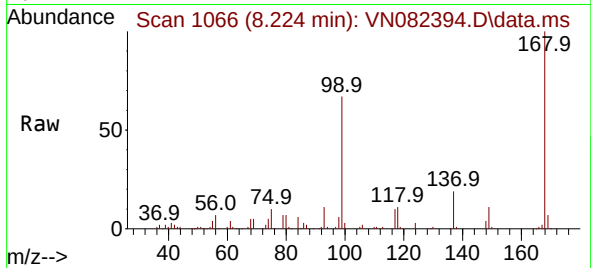
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN082394.D
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Instrument :

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VN0530WBSD01



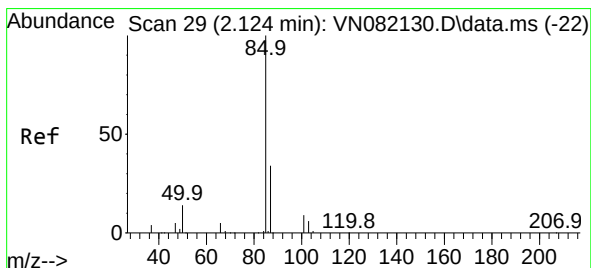
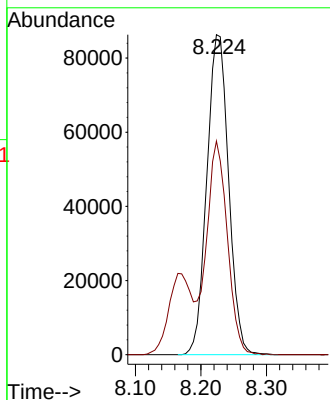
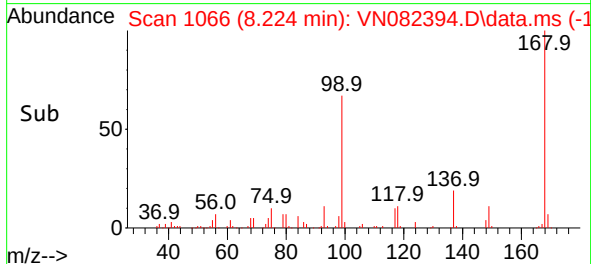
Tgt Ion:168 Resp: 198880
Ion Ratio Lower Upper
168 100
99 66.8 48.2 72.4

Manual Integrations

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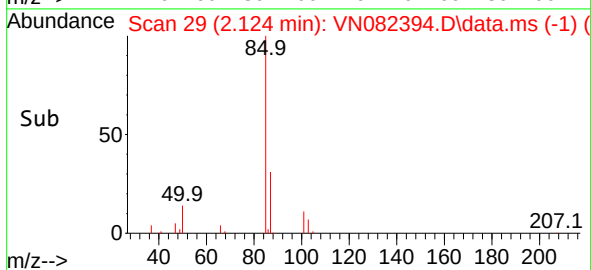
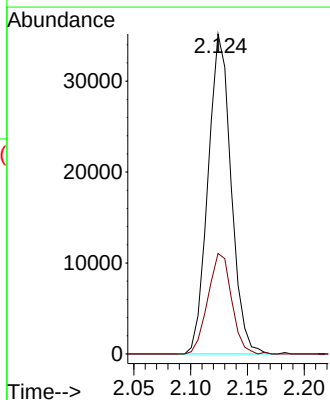
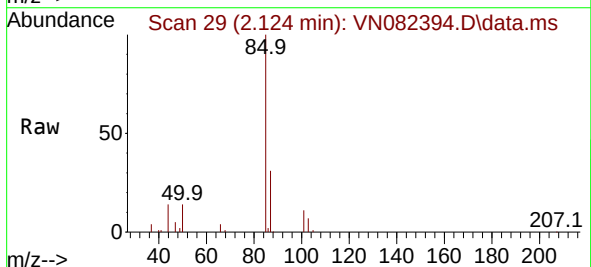
Reviewed By :John Carlone 05/31/2024

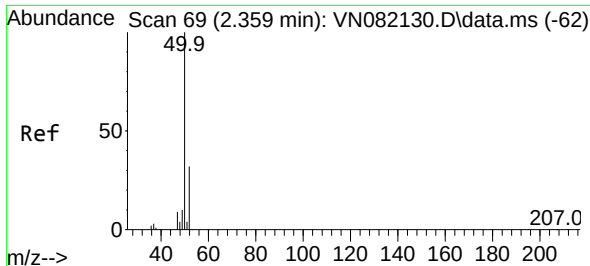
Supervised By :Mahesh Dadoda 05/31/2024



#2
Dichlorodifluoromethane
Concen: 17.327 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN082394.D
Acq: 30 May 2024 14:55

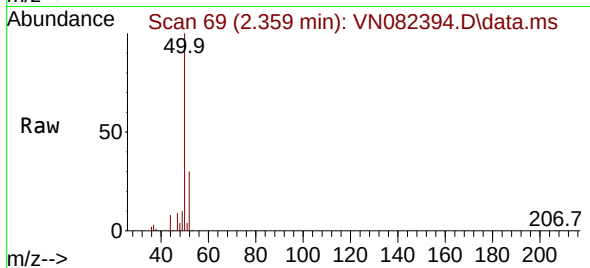
Tgt Ion: 85 Resp: 49683
Ion Ratio Lower Upper
85 100
87 31.4 15.8 47.4





#3
Chloromethane
Concen: 16.559 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN082394.D
Acq: 30 May 2024 14:55

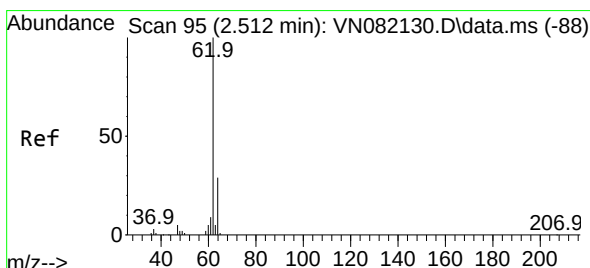
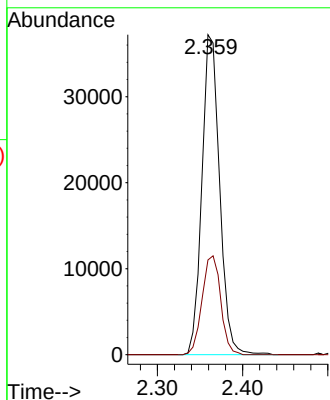
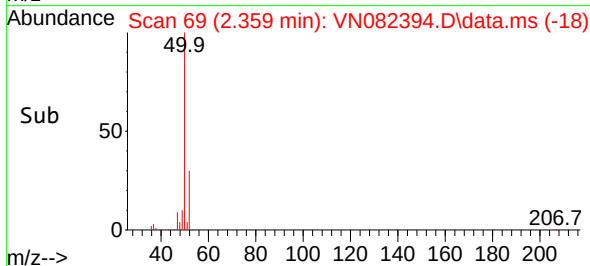
Instrument :
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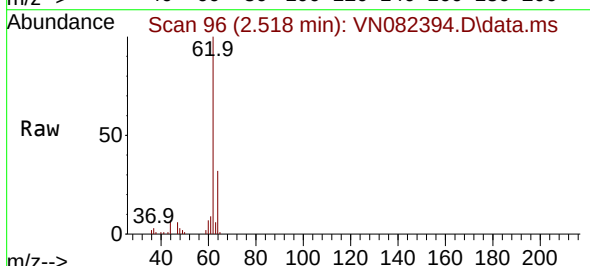
Tgt Ion: 50 Resp: 53810
Ion Ratio Lower Upper
50 100
52 29.6 25.5 38.3

Manual Integrations
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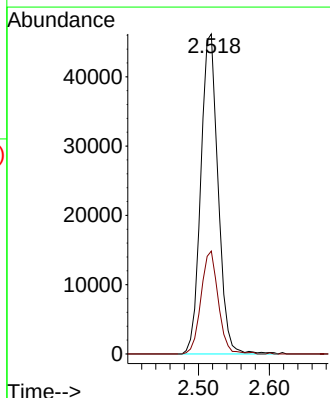
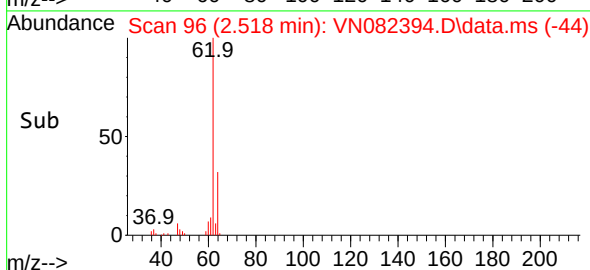
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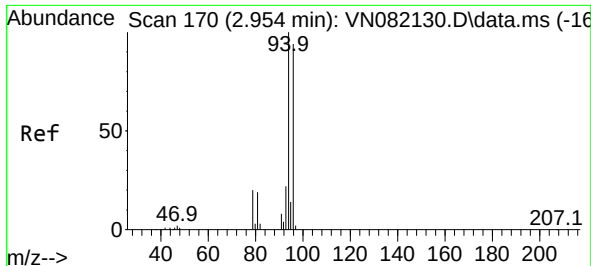


#4
Vinyl Chloride
Concen: 25.595 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.006 min
Lab File: VN082394.D
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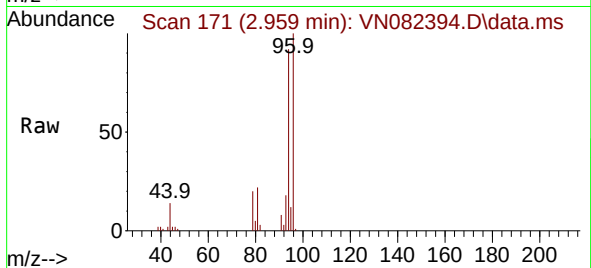
Tgt Ion: 62 Resp: 78195
Ion Ratio Lower Upper
62 100
64 32.1 24.6 37.0





#5
Bromomethane
Concen: 17.896 ug/l
RT: 2.959 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN082394.D
Acq: 30 May 2024 14:55

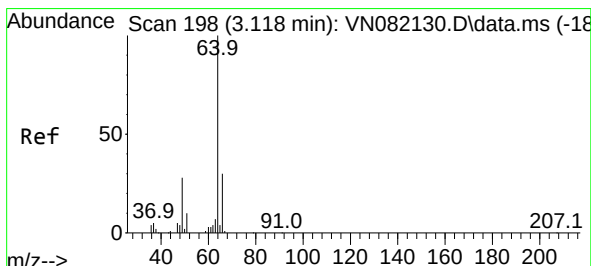
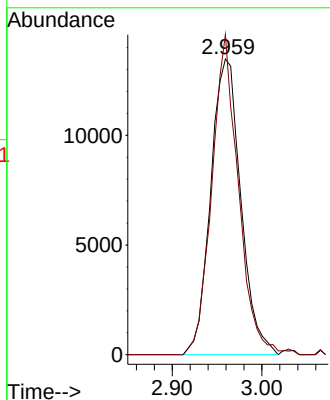
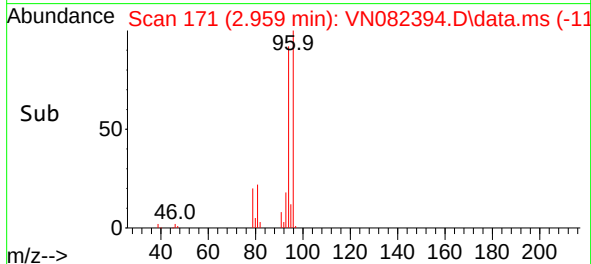
Instrument :
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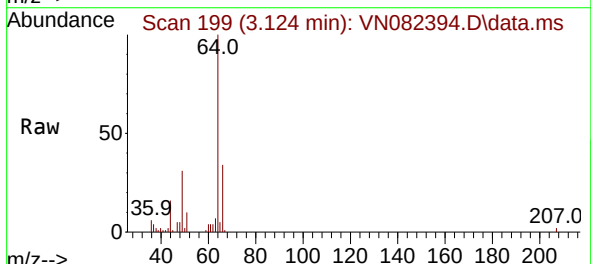
Tgt Ion: 94 Resp: 3142
Ion Ratio Lower Upper
94 100
96 108.2 74.8 112.2

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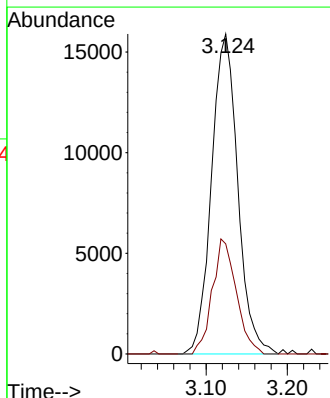
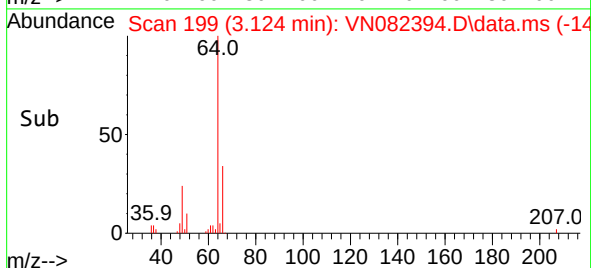
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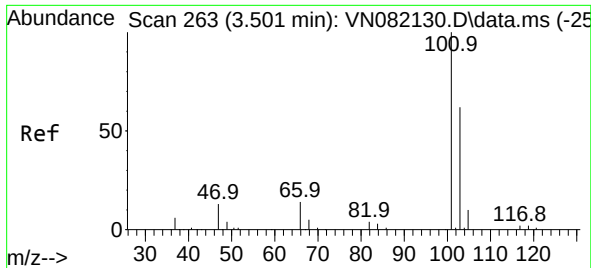


#6
Chloroethane
Concen: 17.912 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.006 min
Lab File: VN082394.D
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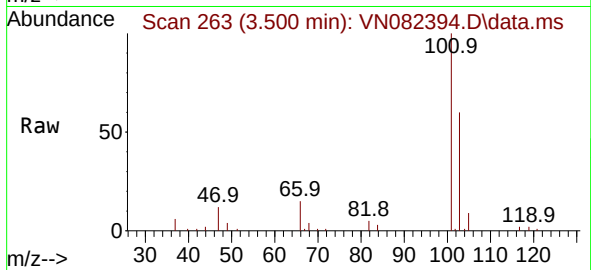
Tgt Ion: 64 Resp: 35732
Ion Ratio Lower Upper
64 100
66 34.4 24.7 37.1





#7
 Trichlorofluoromethane
 Concen: 19.290 ug/l
 RT: 3.500 min Scan# 210
 Delta R.T. -0.000 min
 Lab File: VN082394.D
 Acq: 30 May 2024 14:55

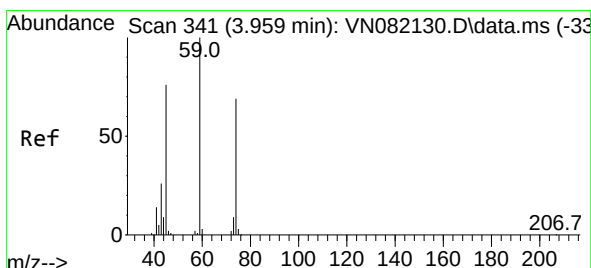
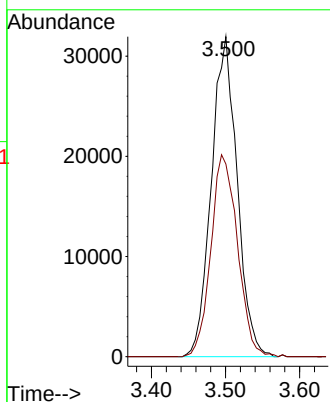
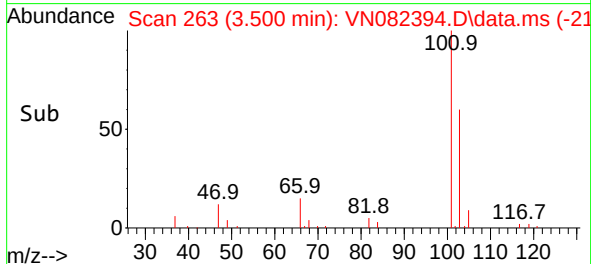
Instrument :
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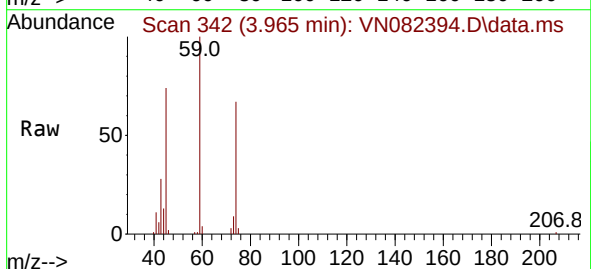
Tgt Ion:101 Resp: 77168
 Ion Ratio Lower Upper
 101 100
 103 60.2 50.6 75.8

Manual Integrations
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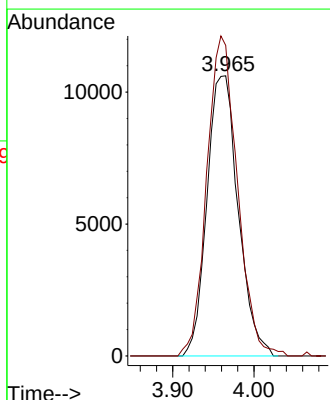
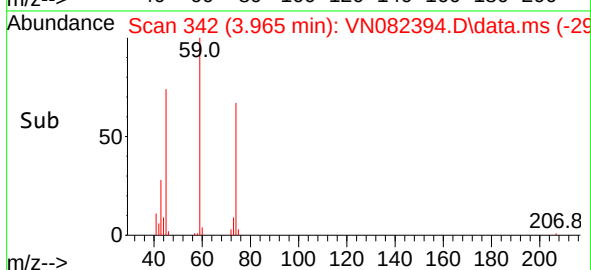
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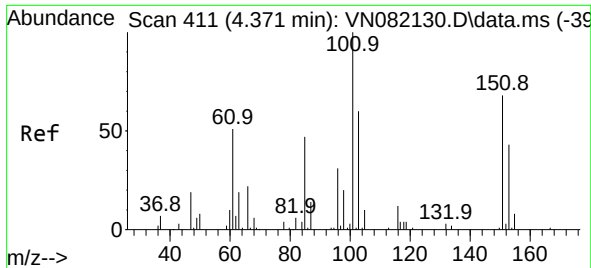


#8
 Diethyl Ether
 Concen: 19.916 ug/l
 RT: 3.965 min Scan# 342
 Delta R.T. 0.006 min
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Tgt Ion: 74 Resp: 28383
 Ion Ratio Lower Upper
 74 100
 45 111.9 42.4 127.3





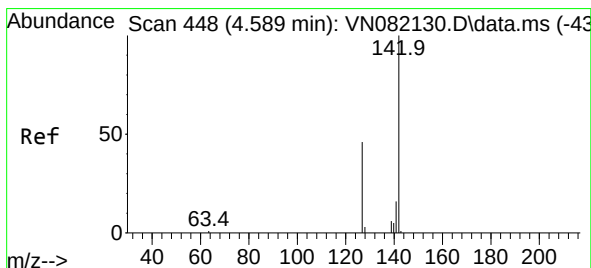
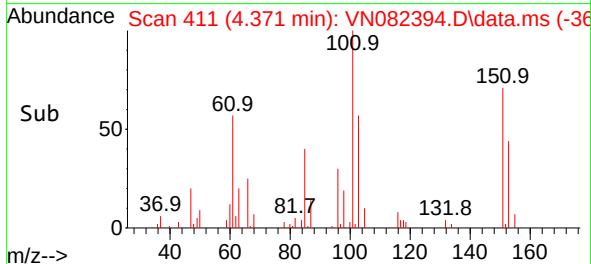
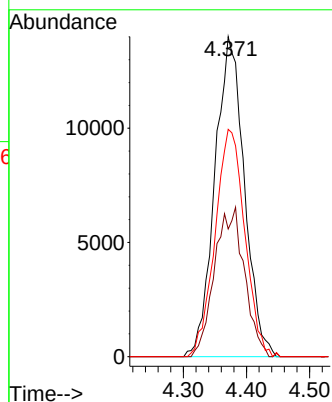
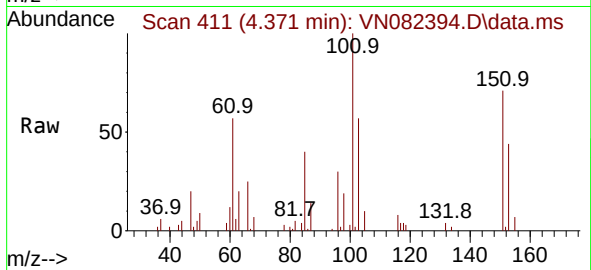
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.430 ug/l
RT: 4.371 min Scan# 411
Delta R.T. -0.000 min
Lab File: VN082394.D
Acq: 30 May 2024 14:55

Instrument :
MSVOA_N
ClientSampleId :
VN0530WBSD01

Tgt Ion:101 Resp: 45400
Ion Ratio Lower Upper
101 100
85 47.3 37.3 55.9
151 71.8 59.2 88.8

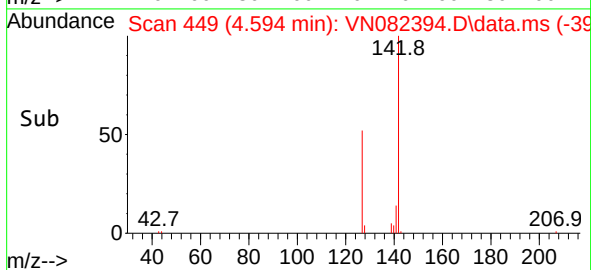
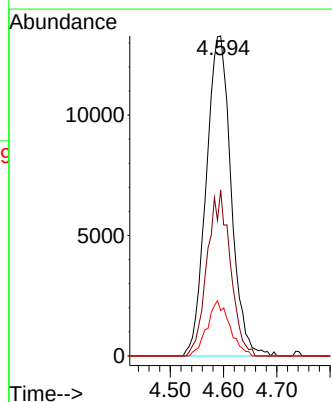
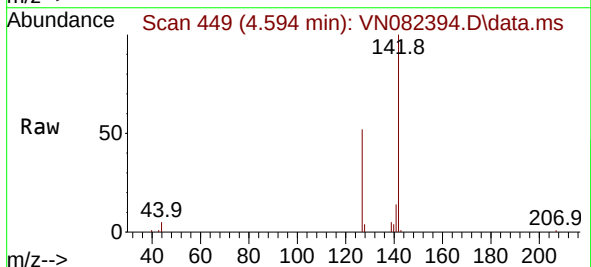
Manual Integrations
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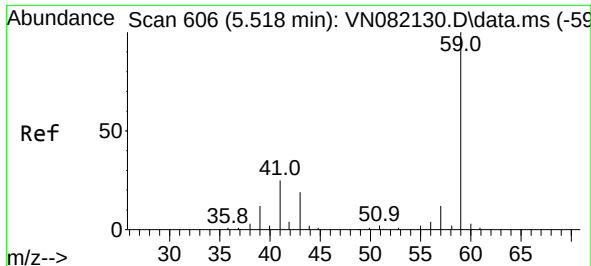
Reviewed By :John Carlone 05/31/2024
Supervised By :Mahesh Dadoda 05/31/2024



#10
Methyl Iodide
Concen: 18.330 ug/l
RT: 4.594 min Scan# 449
Delta R.T. 0.006 min
Lab File: VN082394.D
Acq: 30 May 2024 14:55

Tgt Ion:142 Resp: 43062
Ion Ratio Lower Upper
142 100
127 51.8 35.8 53.6
141 14.2 11.4 17.2





#11

Tert butyl alcohol

Concen: 98.799 ug/l

RT: 5.512 min Scan# 606

Delta R.T. -0.006 min

Lab File: VN082394.D

Acq: 30 May 2024 14:55

Instrument :

MSVOA_N

ClientSampleId :

VN0530WBSD01

Tgt Ion: 59 Resp: 49800

Ion Ratio Lower Upper

59 100

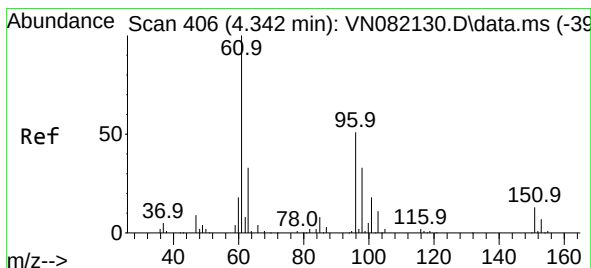
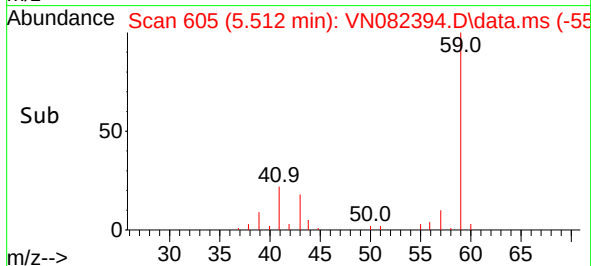
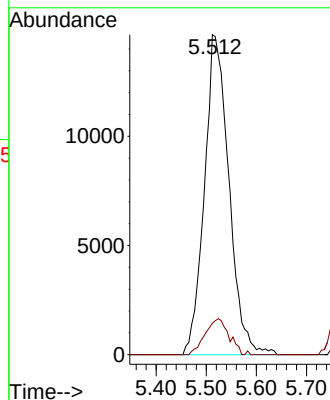
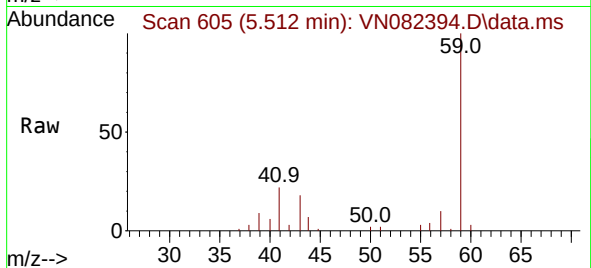
57 10.8 8.9 13.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/31/2024

Supervised By :Mahesh Dadoda 05/31/2024



#12

1,1-Dichloroethene

Concen: 18.731 ug/l

RT: 4.342 min Scan# 406

Delta R.T. -0.000 min

Lab File: VN082394.D

Acq: 30 May 2024 14:55

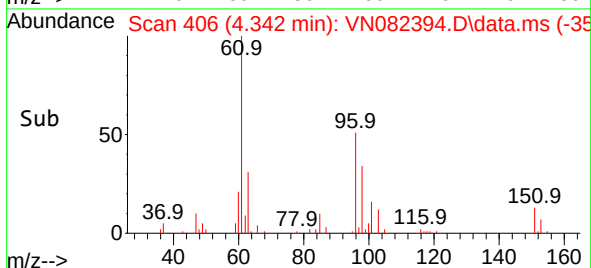
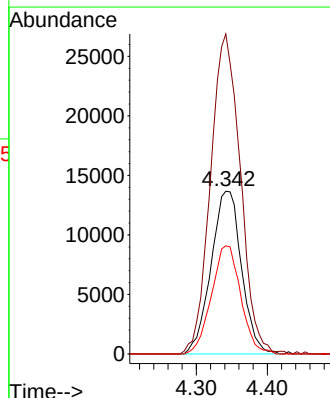
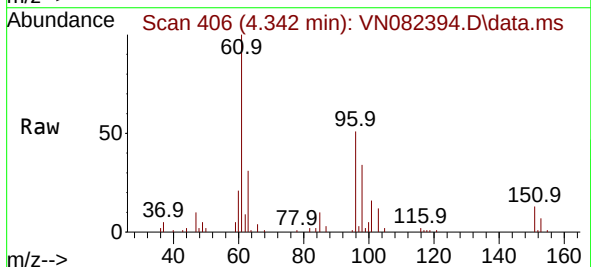
Tgt Ion: 96 Resp: 40686

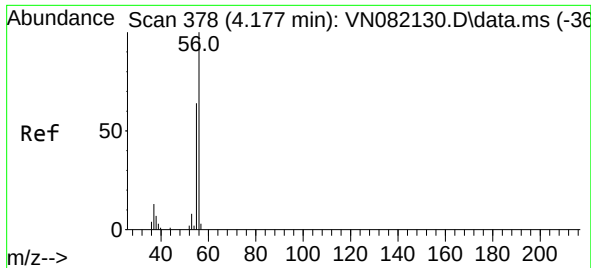
Ion Ratio Lower Upper

96 100

61 196.6 119.7 179.5#

98 66.5 49.6 74.4





#13

Acrolein

Concen: 90.798 ug/l

RT: 4.171 min Scan# 31

Delta R.T. -0.006 min

Lab File: VN082394.D

Acq: 30 May 2024 14:55

Instrument :

MSVOA_N

ClientSampleId :

VN0530WBSD01

Tgt Ion: 56 Resp: 33919

Ion Ratio Lower Upper

56 100

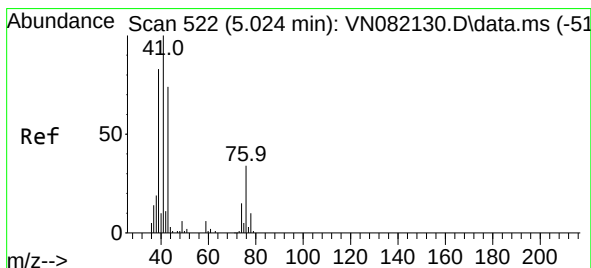
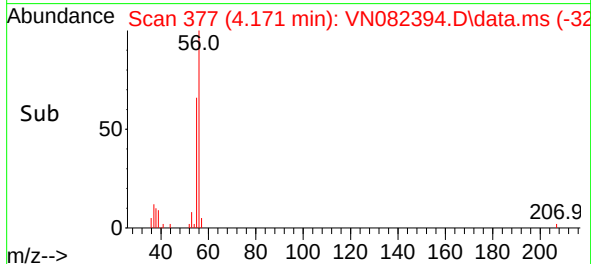
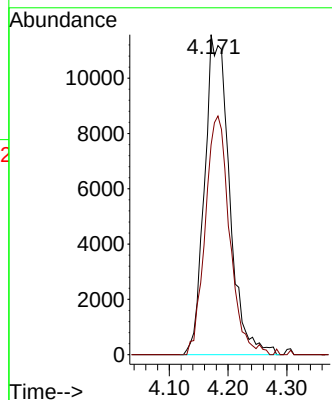
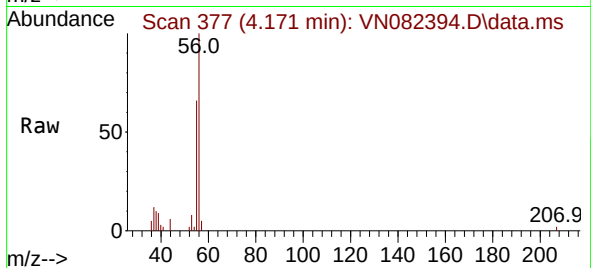
55 73.2 55.8 83.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/31/2024

Supervised By :Mahesh Dadoda 05/31/2024



#14

Allyl chloride

Concen: 19.013 ug/l

RT: 5.024 min Scan# 522

Delta R.T. -0.000 min

Lab File: VN082394.D

Acq: 30 May 2024 14:55

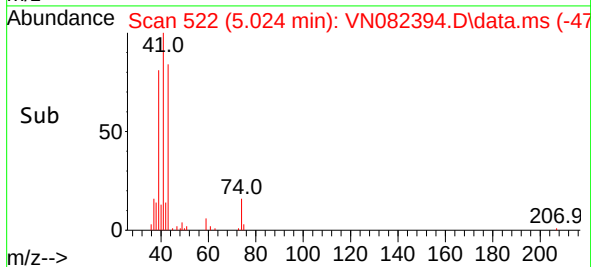
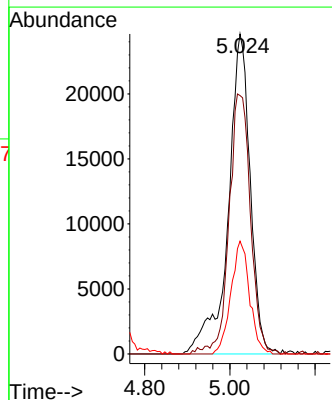
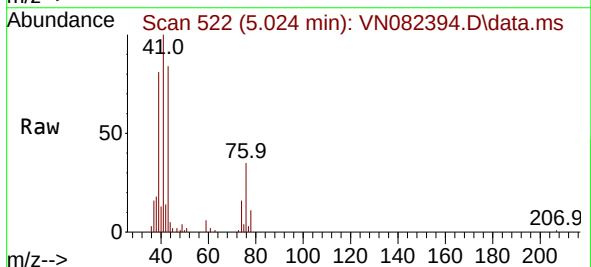
Tgt Ion: 41 Resp: 88418

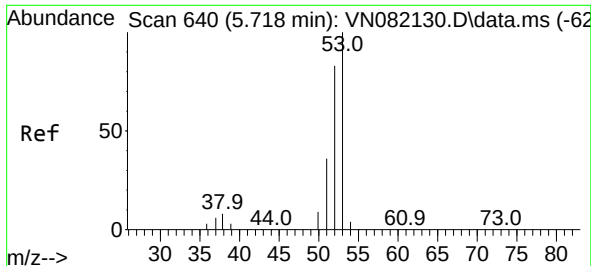
Ion Ratio Lower Upper

41 100

39 78.9 65.4 98.0

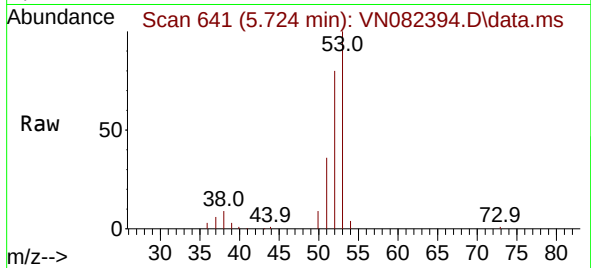
76 29.9 37.3 55.9#





#15
Acrylonitrile
Concen: 100.903 ug/l
RT: 5.724 min Scan# 641
Delta R.T. 0.006 min
Lab File: VN082394.D
Acq: 30 May 2024 14:55

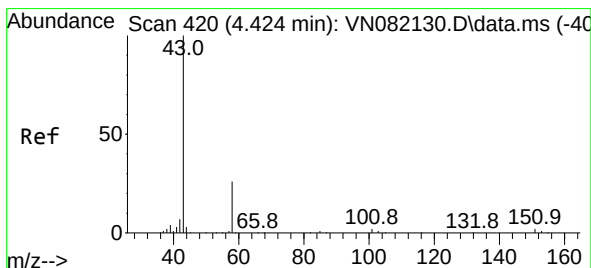
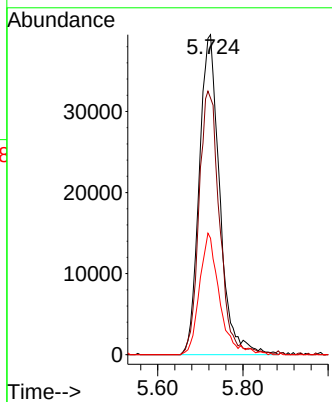
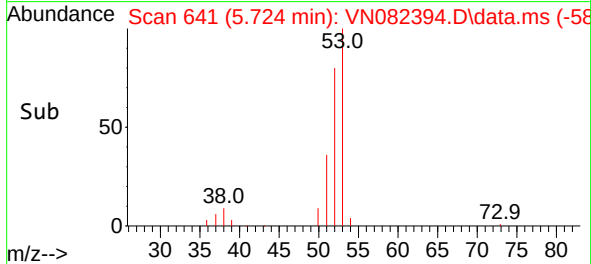
Instrument :
MSVOA_N
ClientSampleId :
VN0530WBSD01



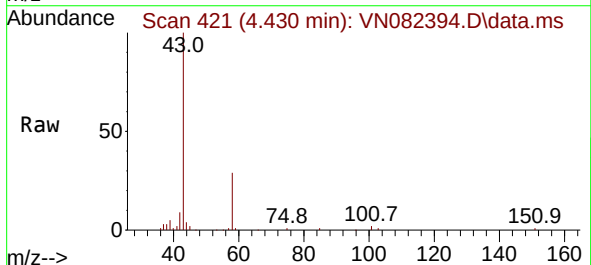
Tgt Ion: 53 Resp: 131738
Ion Ratio Lower Upper
53 100
52 82.9 66.1 99.1
51 36.2 29.4 44.2

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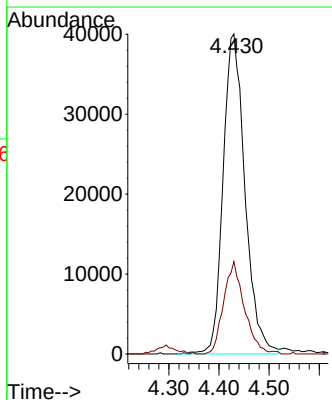
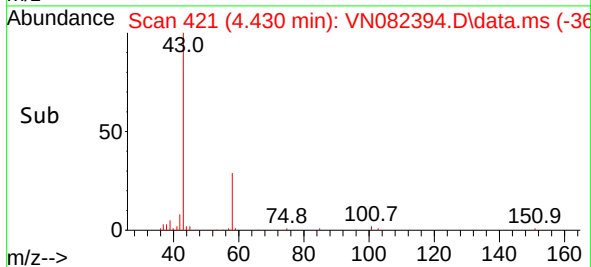
Reviewed By :John Carlone 05/31/2024
Supervised By :Mahesh Dadoda 05/31/2024

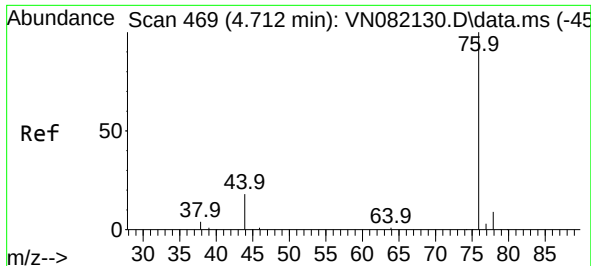


#16
Acetone
Concen: 94.121 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN082394.D
Acq: 30 May 2024 14:55



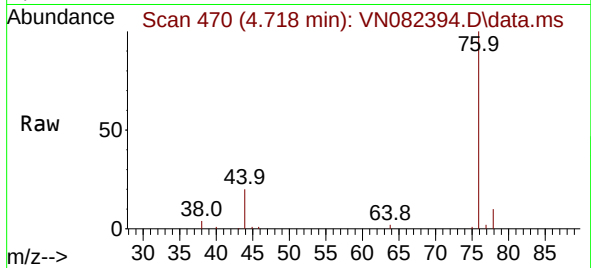
Tgt Ion: 43 Resp: 121254
Ion Ratio Lower Upper
43 100
58 28.1 25.2 37.8





#17
Carbon Disulfide
Concen: 14.866 ug/l
RT: 4.718 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN082394.D
Acq: 30 May 2024 14:55

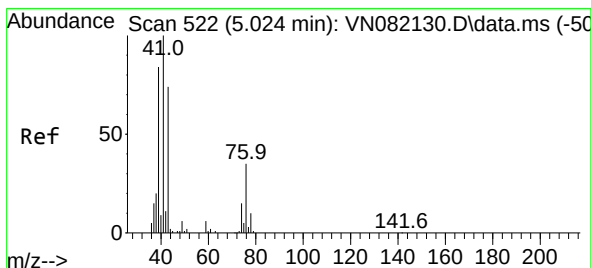
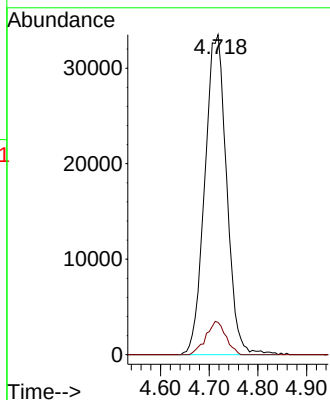
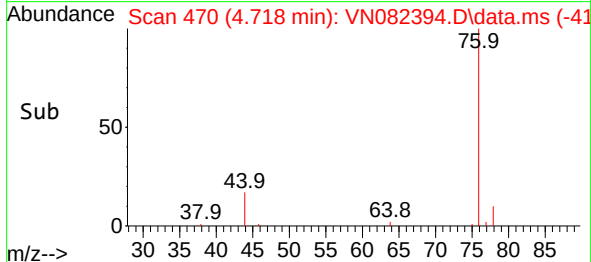
Instrument :
MSVOA_N
ClientSampleId :
VN0530WBSD01



Tgt Ion: 76 Resp: 104290
Ion Ratio Lower Upper
76 100
78 10.1 7.5 11.3

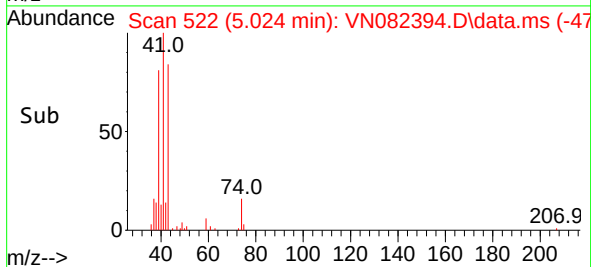
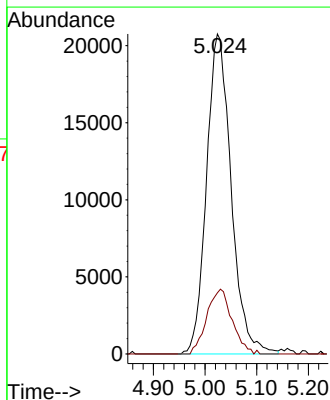
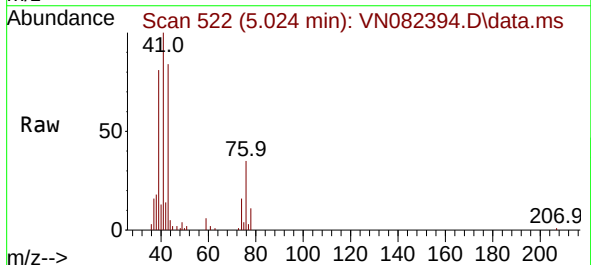
Manual Integrations
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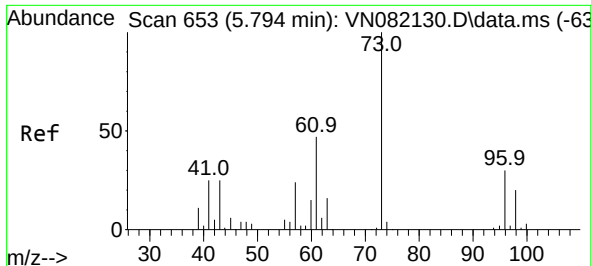
Reviewed By :John Carlone 05/31/2024
Supervised By :Mahesh Dadoda 05/31/2024



#18
Methyl Acetate
Concen: 21.428 ug/l
RT: 5.024 min Scan# 522
Delta R.T. -0.000 min
Lab File: VN082394.D
Acq: 30 May 2024 14:55

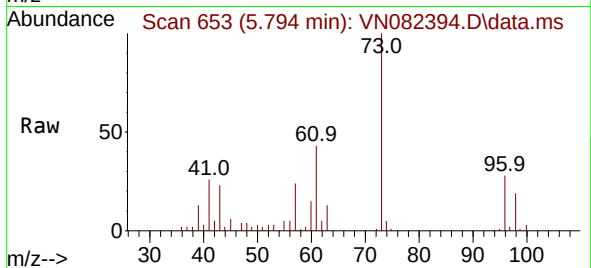
Tgt Ion: 43 Resp: 68746
Ion Ratio Lower Upper
43 100
74 20.8 22.2 33.2#





#19
Methyl tert-butyl Ether
Concen: 20.464 ug/l
RT: 5.794 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN082394.D
Acq: 30 May 2024 14:55

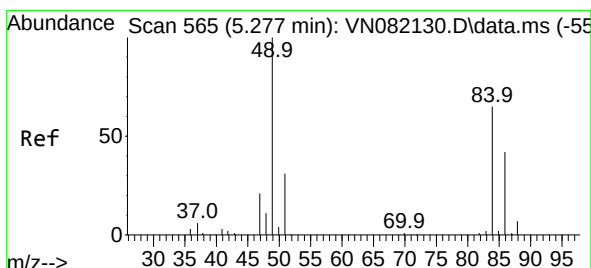
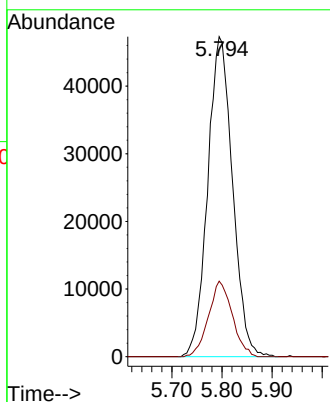
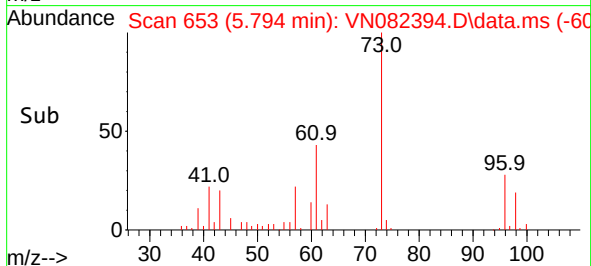
Instrument :
MSVOA_N
ClientSampleId :
VN0530WBSD01



Tgt Ion: 73 Resp: 162468
Ion Ratio Lower Upper
73 100
57 23.6 16.5 24.7

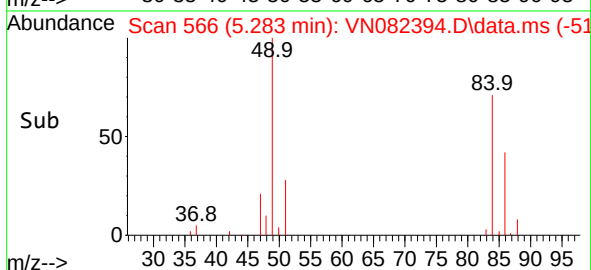
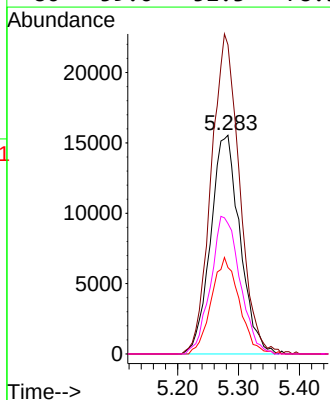
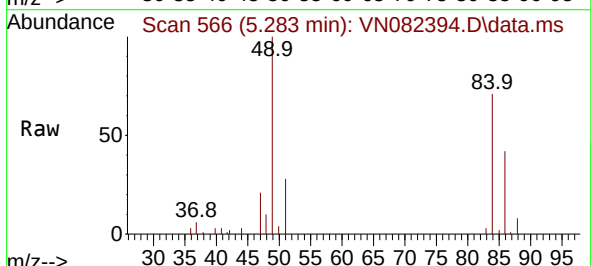
Manual Integrations
APPROVED

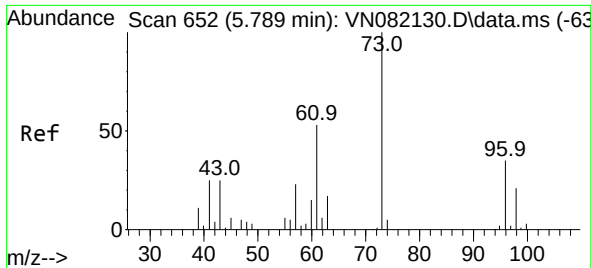
Reviewed By :John Carlone 05/31/2024
Supervised By :Mahesh Dadoda 05/31/2024



#20
Methylene Chloride
Concen: 20.023 ug/l
RT: 5.283 min Scan# 566
Delta R.T. 0.006 min
Lab File: VN082394.D
Acq: 30 May 2024 14:55

Tgt Ion: 84 Resp: 52044
Ion Ratio Lower Upper
84 100
49 141.4 84.9 127.3#
51 39.5 27.0 40.6
86 59.6 52.3 78.5





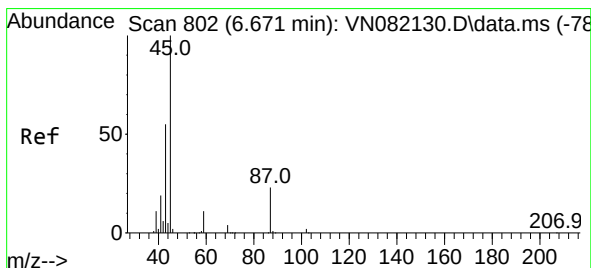
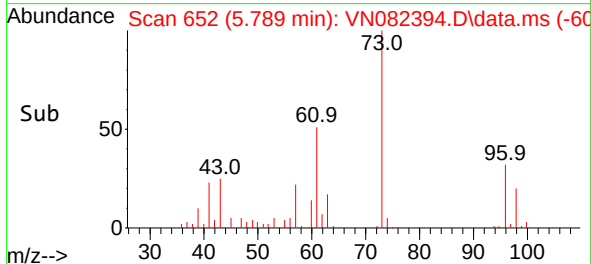
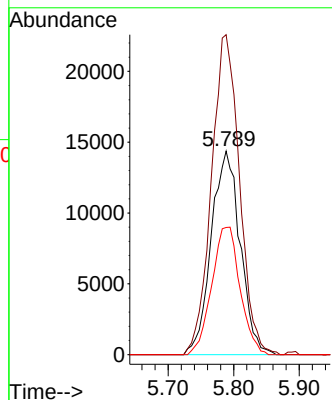
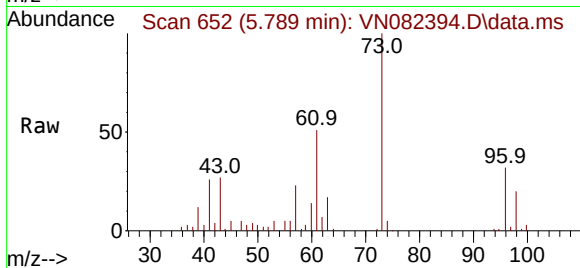
#21
trans-1,2-Dichloroethene
Concen: 18.601 ug/l
RT: 5.789 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN082394.D
Acq: 30 May 2024 14:55

Instrument :
MSVOA_N
ClientSampleId :
VN0530WBSD01

Tgt Ion: 96 Resp: 44030
Ion Ratio Lower Upper
96 100
61 157.3 96.5 144.7
98 62.5 51.3 76.9

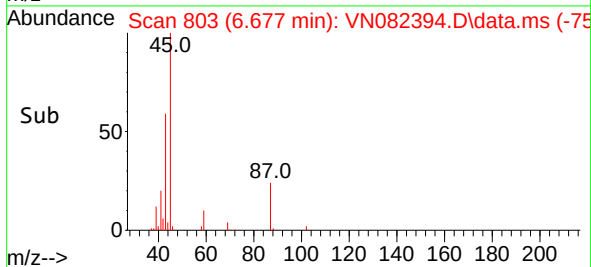
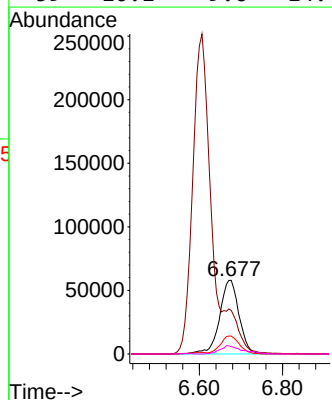
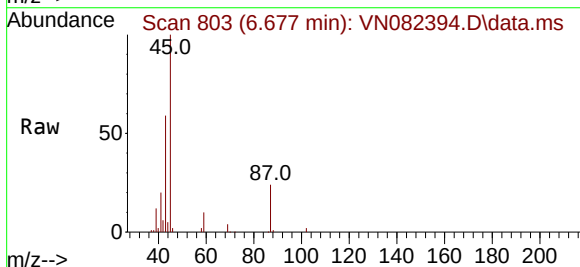
Manual Integrations
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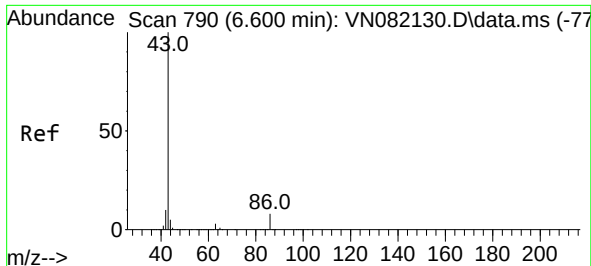
Reviewed By :John Carlone 05/31/2024
Supervised By :Mahesh Dadoda 05/31/2024



#22
Diisopropyl ether
Concen: 19.349 ug/l
RT: 6.677 min Scan# 803
Delta R.T. 0.006 min
Lab File: VN082394.D
Acq: 30 May 2024 14:55

Tgt Ion: 45 Resp: 187894
Ion Ratio Lower Upper
45 100
43 58.4 44.1 66.1
87 24.3 27.0 40.6
59 10.1 9.6 14.4





#23

Vinyl Acetate

Concen: 97.295 ug/l

RT: 6.606 min Scan# 790

Delta R.T. 0.006 min

Lab File: VN082394.D

Acq: 30 May 2024 14:55

Instrument :

MSVOA_N

ClientSampleId :

VN0530WBSD01

Tgt Ion: 43 Resp: 744904

Ion Ratio Lower Upper

43 100

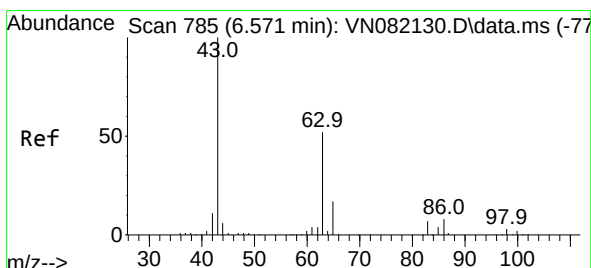
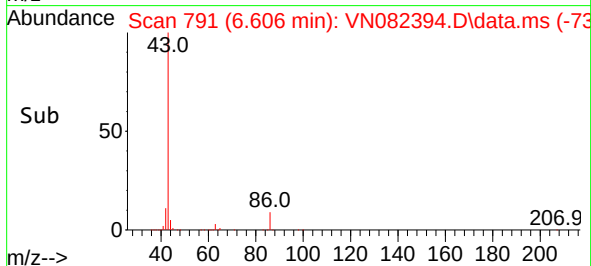
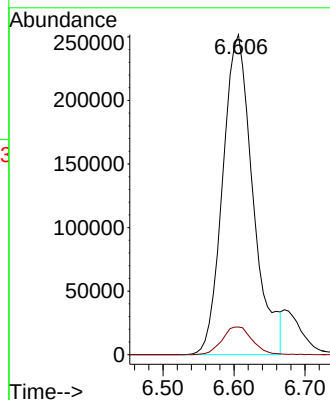
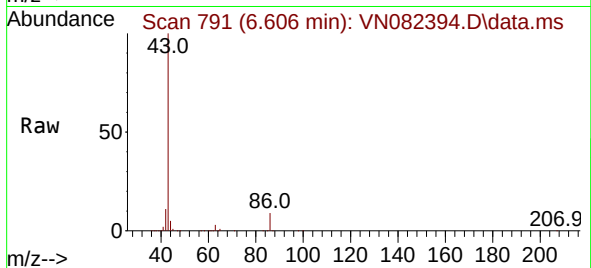
86 8.7 10.2 15.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/31/2024

Supervised By :Mahesh Dadoda 05/31/2024



#24

1,1-Dichloroethane

Concen: 19.523 ug/l

RT: 6.571 min Scan# 785

Delta R.T. -0.000 min

Lab File: VN082394.D

Acq: 30 May 2024 14:55

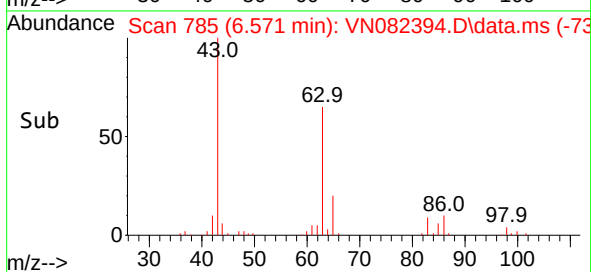
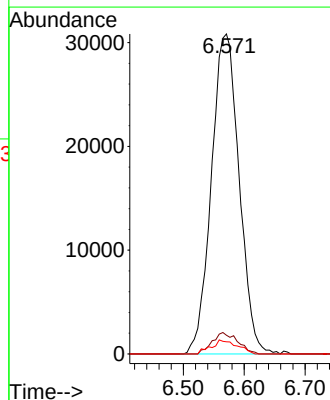
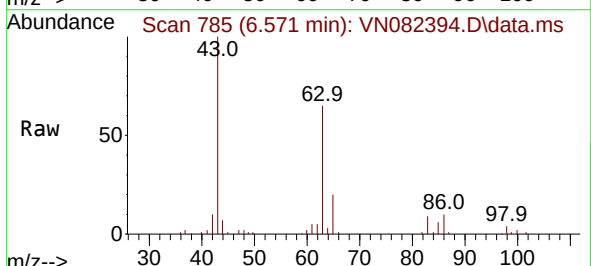
Tgt Ion: 63 Resp: 97717

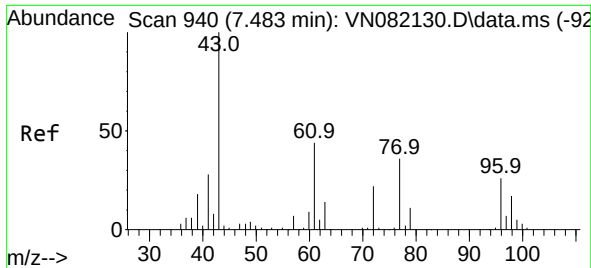
Ion Ratio Lower Upper

63 100

98 5.9 3.6 10.9

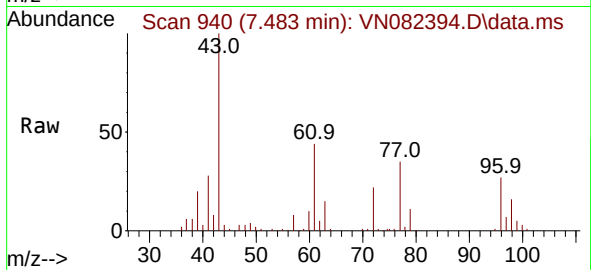
100 3.8 2.6 7.8





#25
2-Butanone
Concen: 98.158 ug/l
RT: 7.483 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN082394.D
Acq: 30 May 2024 14:55

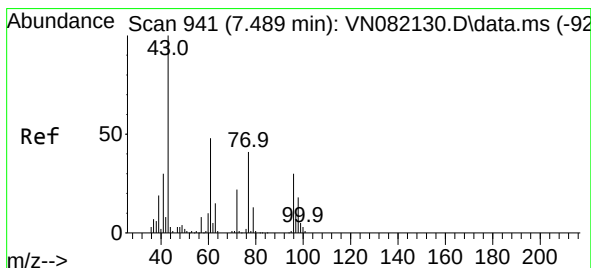
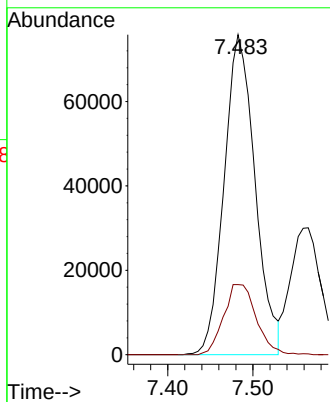
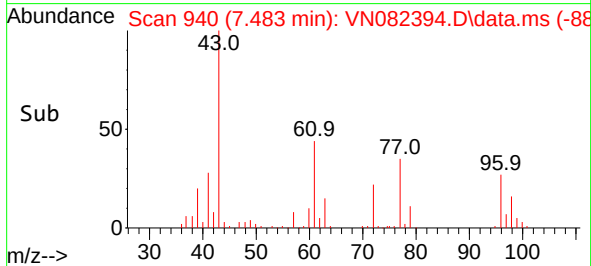
Instrument :
MSVOA_N
ClientSampleId :
VN0530WBSD01



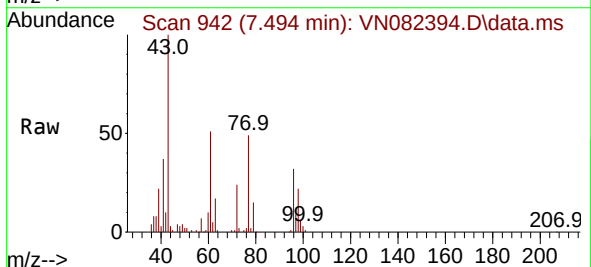
Tgt Ion: 43 Resp: 191724
Ion Ratio Lower Upper
43 100
72 21.9 25.3 37.9

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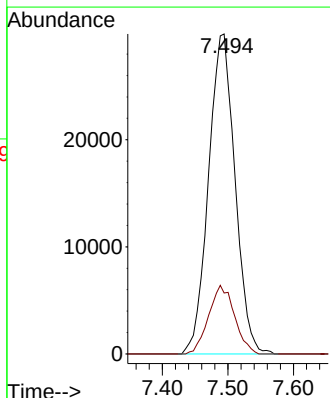
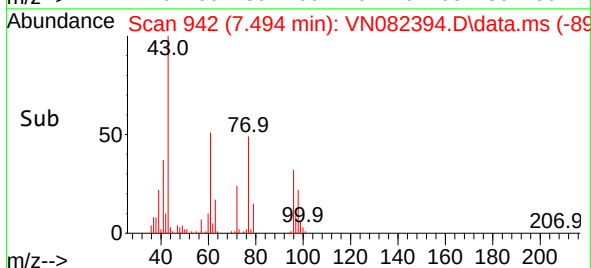
Reviewed By :John Carlone 05/31/2024
Supervised By :Mahesh Dadoda 05/31/2024

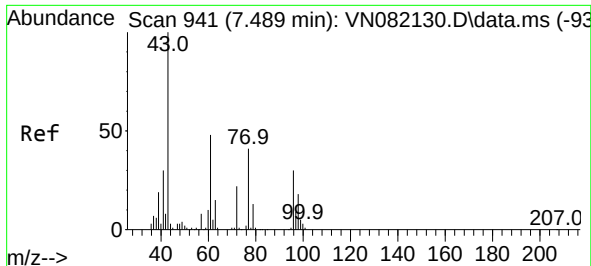


#26
2,2-Dichloropropane
Concen: 19.995 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.006 min
Lab File: VN082394.D
Acq: 30 May 2024 14:55



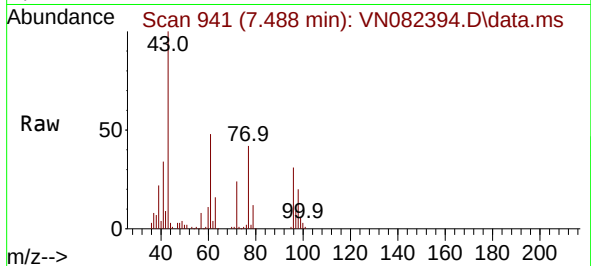
Tgt Ion: 77 Resp: 83825
Ion Ratio Lower Upper
77 100
97 21.0 11.3 33.9





#27
cis-1,2-Dichloroethene
Concen: 19.999 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.000 min
Lab File: VN082394.D
Acq: 30 May 2024 14:55

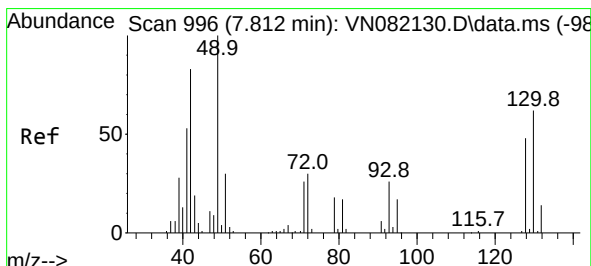
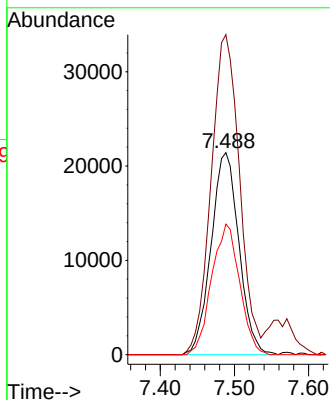
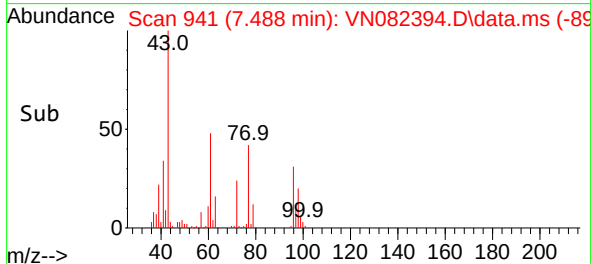
Instrument :
MSVOA_N
ClientSampleId :
VN0530WBSD01



Tgt Ion: 96 Resp: 5586
Ion Ratio Lower Upper
96 100
61 161.6 0.0 268.0
98 64.9 0.0 126.8

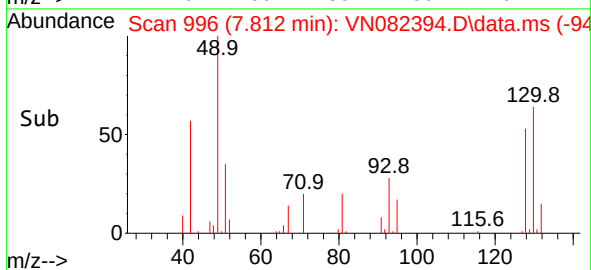
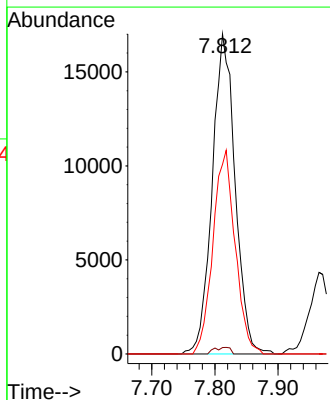
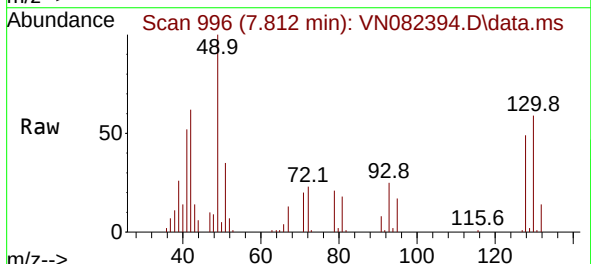
Manual Integrations
APPROVED

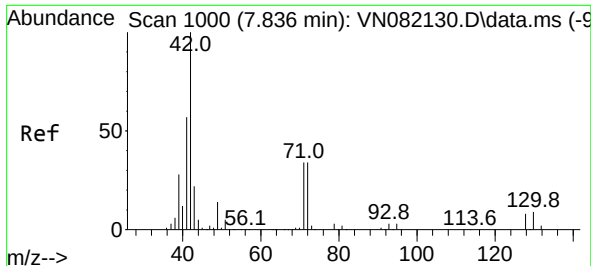
Reviewed By :John Carlone 05/31/2024
Supervised By :Mahesh Dadoda 05/31/2024



#28
Bromochloromethane
Concen: 19.071 ug/l
RT: 7.812 min Scan# 996
Delta R.T. -0.000 min
Lab File: VN082394.D
Acq: 30 May 2024 14:55

Tgt Ion: 49 Resp: 42799
Ion Ratio Lower Upper
49 100
129 1.5 0.0 4.6
130 61.8 66.7 100.1#





#29

Tetrahydrofuran

Concen: 100.552 ug/l

RT: 7.841 min Scan# 1000

Delta R.T. 0.005 min

Lab File: VN082394.D

Acq: 30 May 2024 14:55

Instrument :

MSVOA_N

ClientSampleId :

VN0530WBSD01

Tgt Ion: 42 Resp: 126100

Ion Ratio Lower Upper

42 100

72 38.1 39.3 58.9

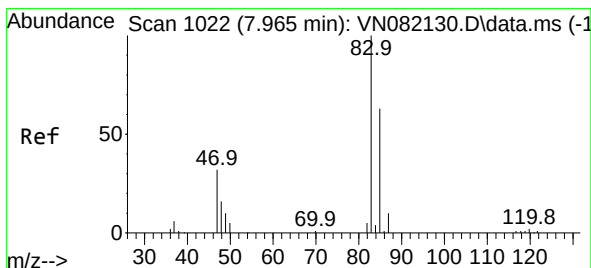
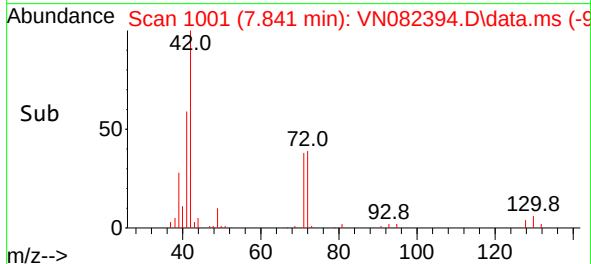
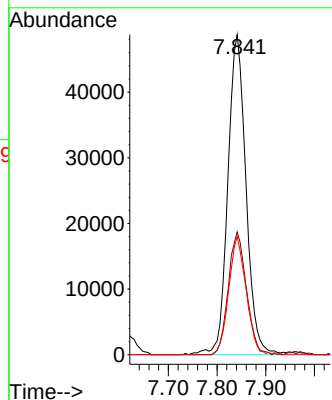
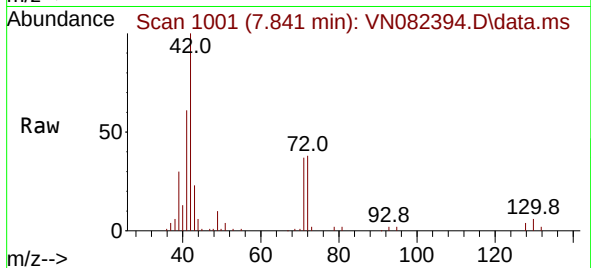
71 35.5 37.4 56.0

Manual Integrations

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Reviewed By :John Carlone 05/31/2024

Supervised By :Mahesh Dadoda 05/31/2024



#30

Chloroform

Concen: 20.266 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. -0.000 min

Lab File: VN082394.D

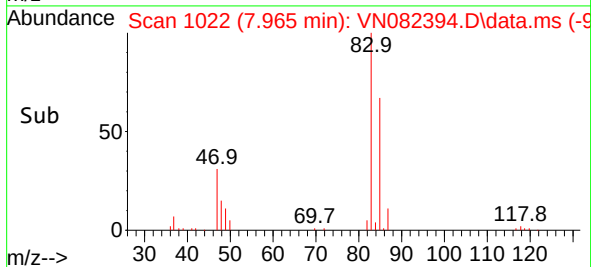
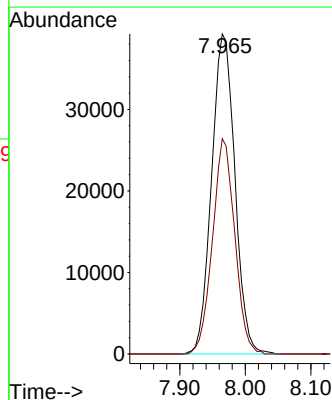
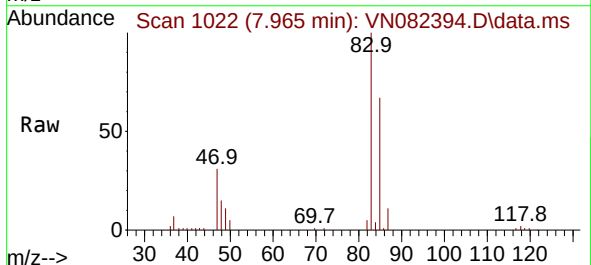
Acq: 30 May 2024 14:55

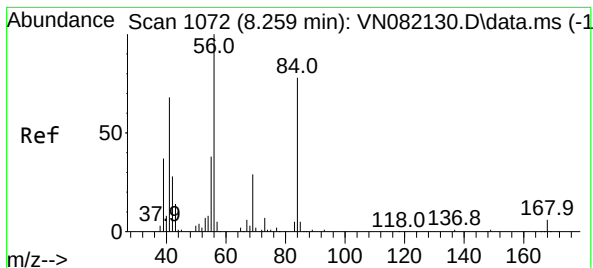
Tgt Ion: 83 Resp: 96865

Ion Ratio Lower Upper

83 100

85 67.3 50.7 76.1





#31

Cyclohexane

Concen: 16.807 ug/l

RT: 8.259 min Scan# 1072

Delta R.T. -0.000 min

Lab File: VN082394.D

Acq: 30 May 2024 14:55

Instrument :

MSVOA_N

ClientSampleId :

VN0530WBSD01

Tgt Ion: 56 Resp: 84300

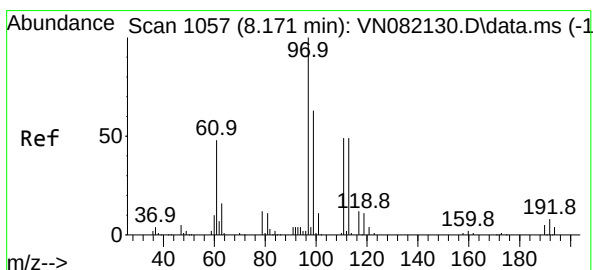
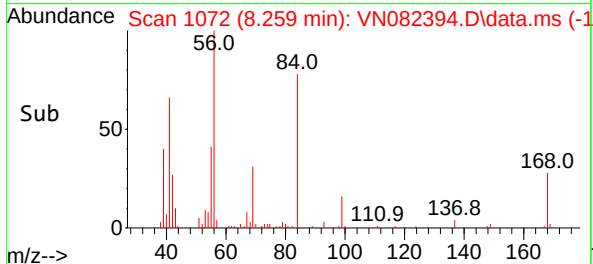
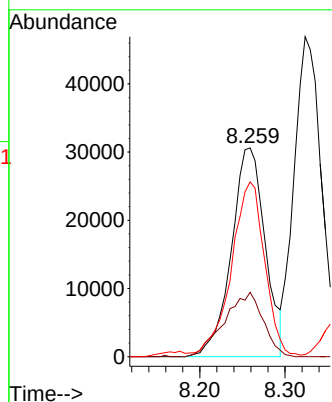
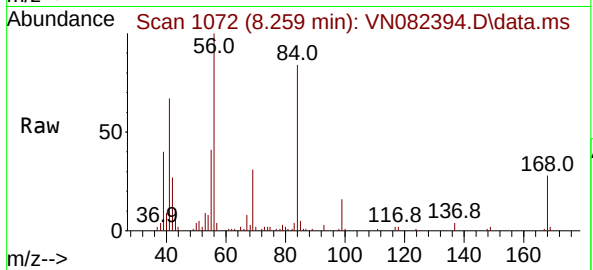
Ion	Ratio	Lower	Upper
56	100		
69	30.8	24.4	36.6
84	81.1	77.0	115.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/31/2024

Supervised By :Mahesh Dadoda 05/31/2024



#32

1,1,1-Trichloroethane

Concen: 20.138 ug/l

RT: 8.171 min Scan# 1057

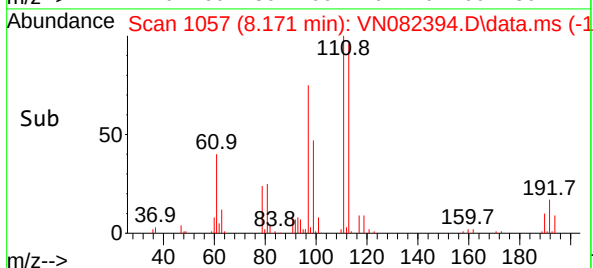
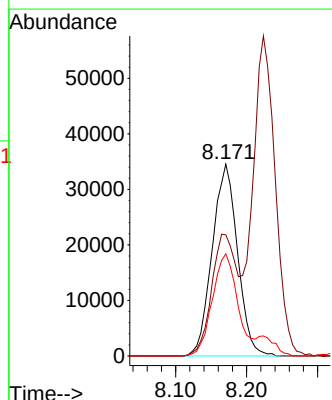
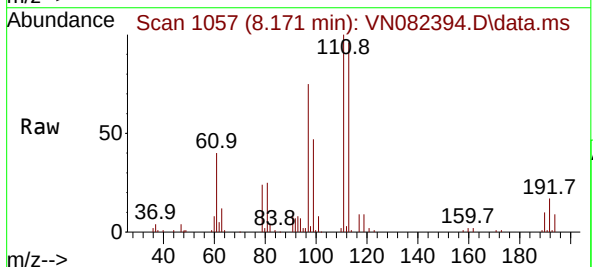
Delta R.T. -0.000 min

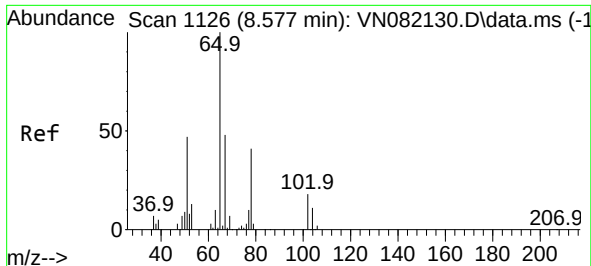
Lab File: VN082394.D

Acq: 30 May 2024 14:55

Tgt Ion: 97 Resp: 85392

Ion	Ratio	Lower	Upper
97	100		
99	60.8	50.3	75.5
61	53.8	36.6	55.0





#33

1,2-Dichloroethane-d4

Concen: 48.592 ug/l

RT: 8.582 min Scan# 1126

Delta R.T. 0.006 min

Lab File: VN082394.D

Acq: 30 May 2024 14:55

Instrument :

MSVOA_N

ClientSampleId :

VN0530WBSD01

Tgt Ion: 65 Resp: 152600

Ion Ratio Lower Upper

65 100

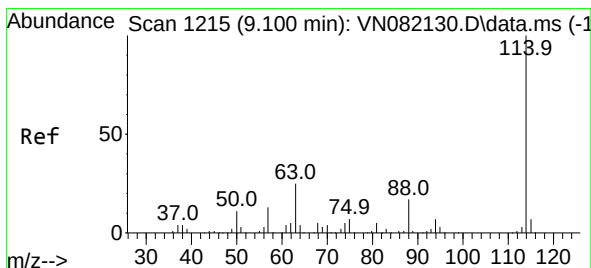
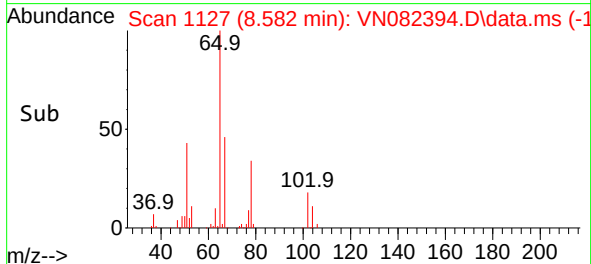
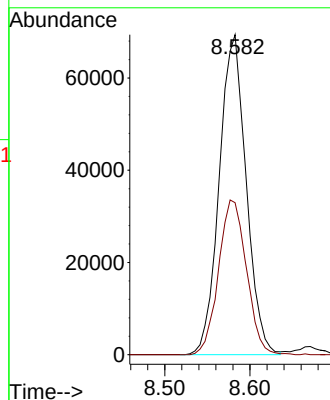
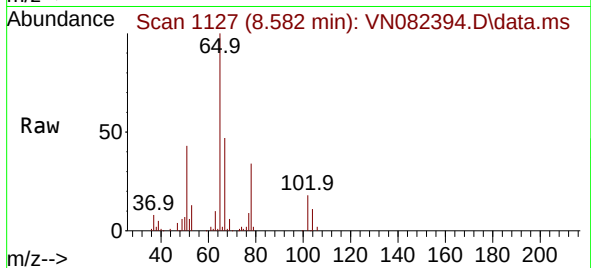
67 50.0 0.0 103.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/31/2024

Supervised By :Mahesh Dadoda 05/31/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.000 min

Lab File: VN082394.D

Acq: 30 May 2024 14:55

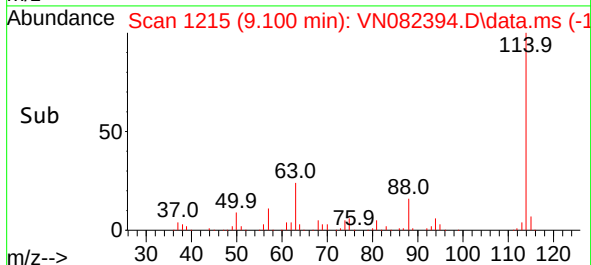
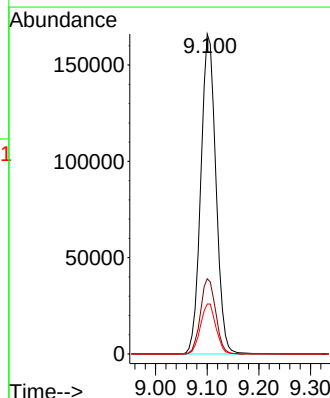
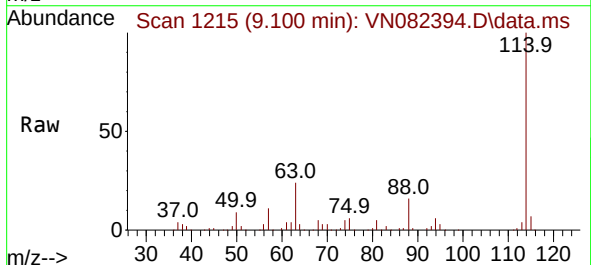
Tgt Ion:114 Resp: 336629

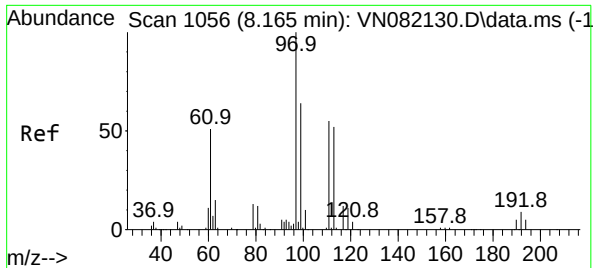
Ion Ratio Lower Upper

114 100

63 23.5 0.0 41.0

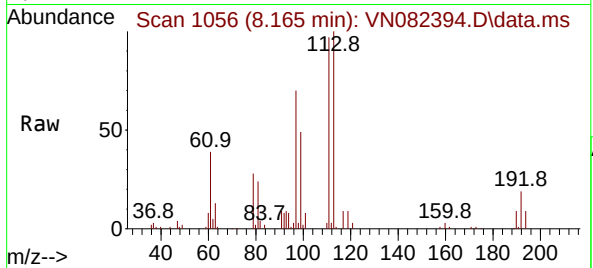
88 15.6 0.0 31.4





#35
Dibromofluoromethane
Concen: 51.732 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN082394.D
Acq: 30 May 2024 14:55

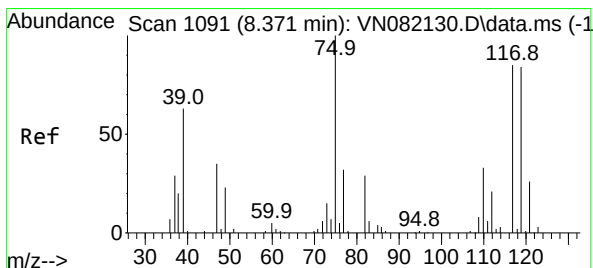
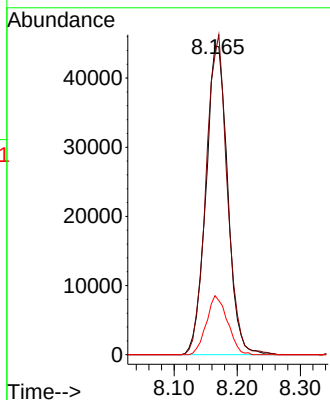
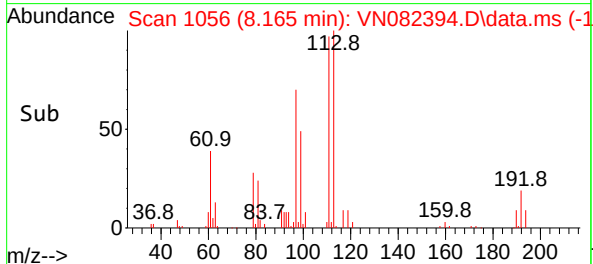
Instrument :
MSVOA_N
ClientSampleId :
VN0530WBSD01



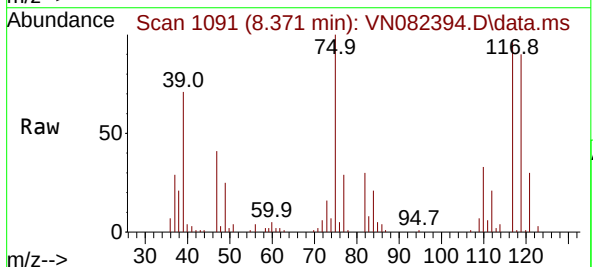
Tgt Ion: 113 Resp: 10712
Ion Ratio Lower Upper
113 100
111 100.7 83.4 125.2
192 18.5 14.0 21.0

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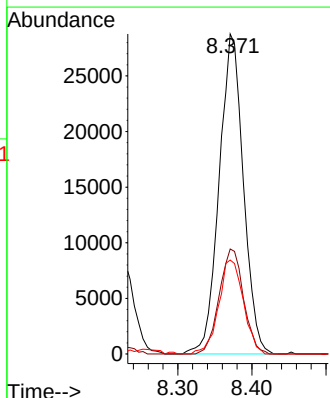
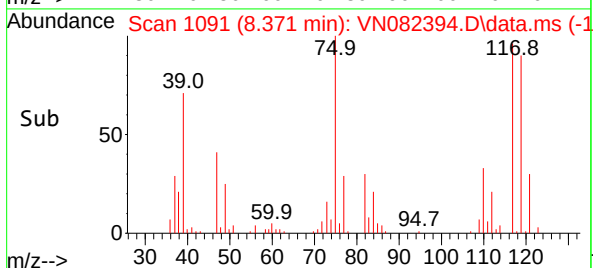
Reviewed By :John Carlone 05/31/2024
Supervised By :Mahesh Dadoda 05/31/2024

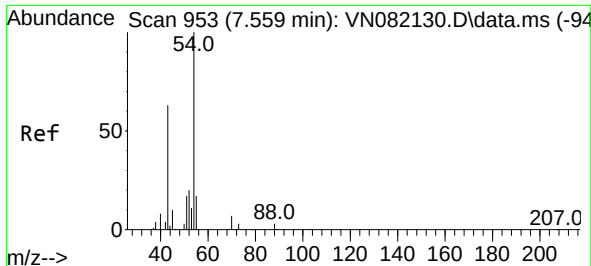


#36
1,1-Dichloropropene
Concen: 18.788 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.000 min
Lab File: VN082394.D
Acq: 30 May 2024 14:55



Tgt Ion: 75 Resp: 65250
Ion Ratio Lower Upper
75 100
110 32.8 17.8 53.5
77 29.9 25.0 37.4





#37

Ethyl Acetate

Concen: 19.835 ug/l

RT: 7.565 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN082394.D

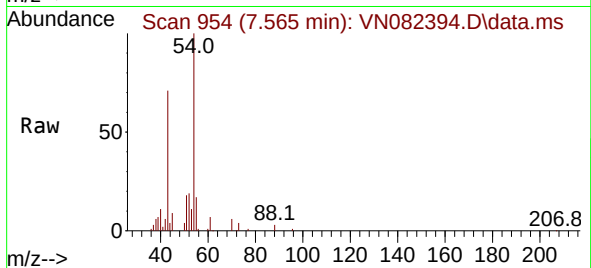
Acq: 30 May 2024 14:55

Instrument :

MSVOA_N

ClientSampleId :

VN0530WBSD01



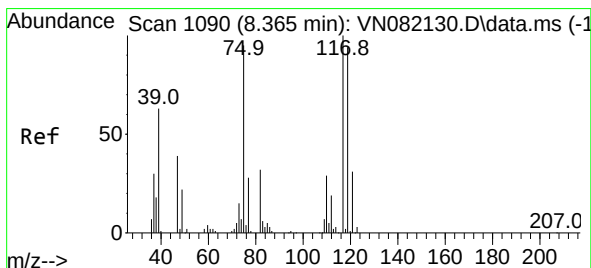
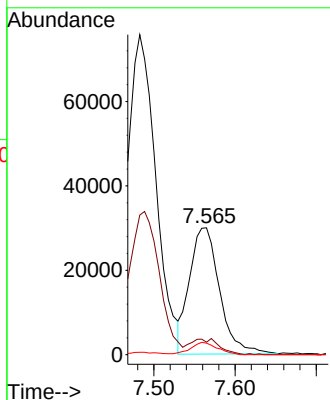
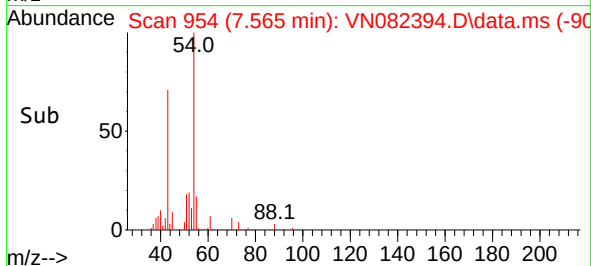
Tgt Ion:	43	Resp:	77092
Ion	Ratio	Lower	Upper
43	100		
61	12.1	11.3	16.9
70	8.7	8.7	13.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/31/2024

Supervised By :Mahesh Dadoda 05/31/2024



#38

Carbon Tetrachloride

Concen: 20.796 ug/l

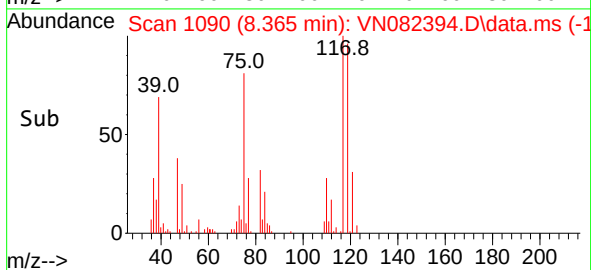
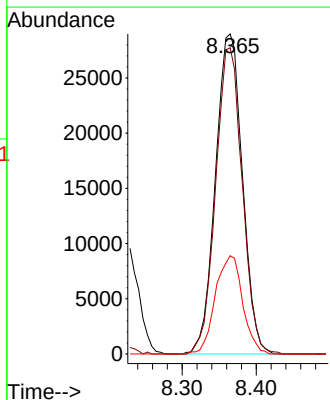
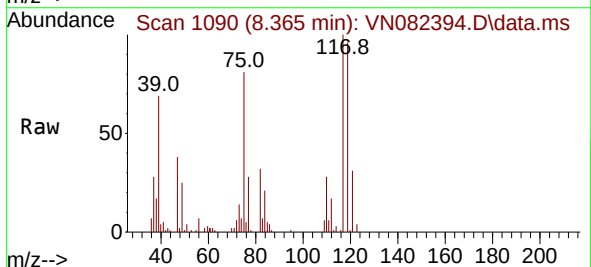
RT: 8.365 min Scan# 1090

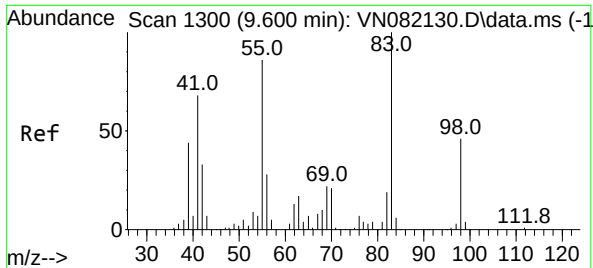
Delta R.T. -0.000 min

Lab File: VN082394.D

Acq: 30 May 2024 14:55

Tgt Ion:	117	Resp:	73215
Ion	Ratio	Lower	Upper
117	100		
119	95.7	76.5	114.7
121	30.7	23.9	35.9





#39
Methylcyclohexane
Concen: 17.730 ug/l
RT: 9.600 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VN082394.D
Acq: 30 May 2024 14:55

Instrument :

MSVOA_N

ClientSampleId :

VN0530WBSD01

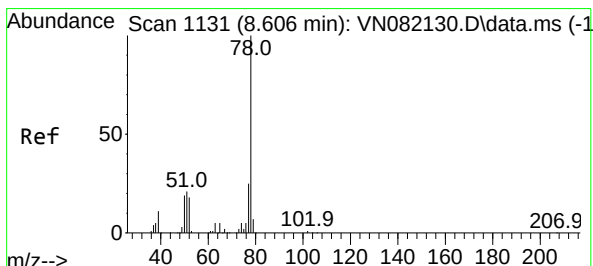
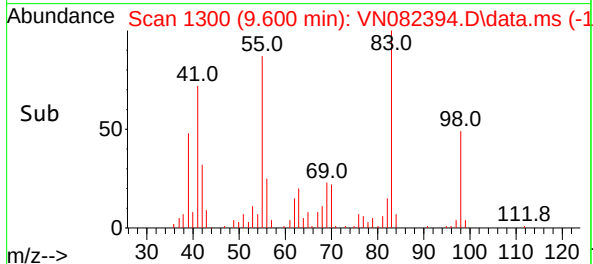
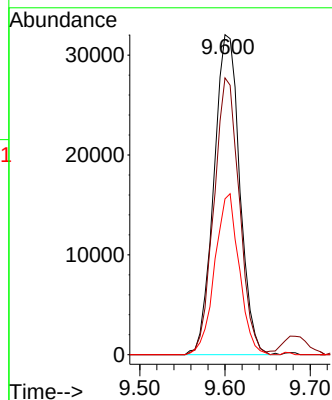
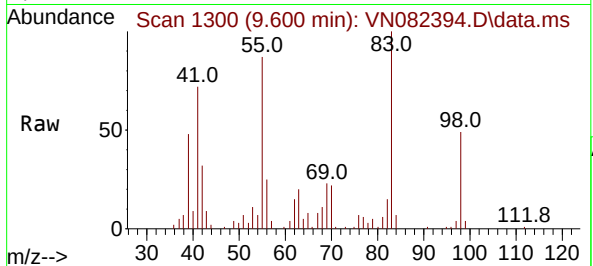
Tgt Ion: 83 Resp: 67490
Ion Ratio Lower Upper
83 100
55 86.5 53.0 79.6
98 48.7 37.1 55.7

Manual Integrations

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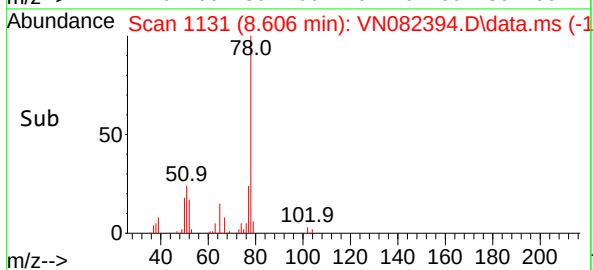
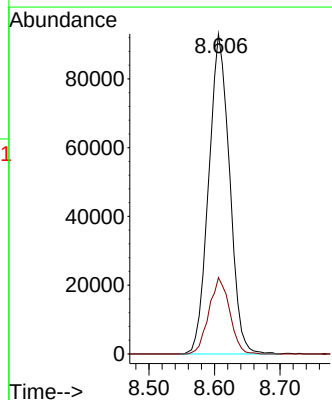
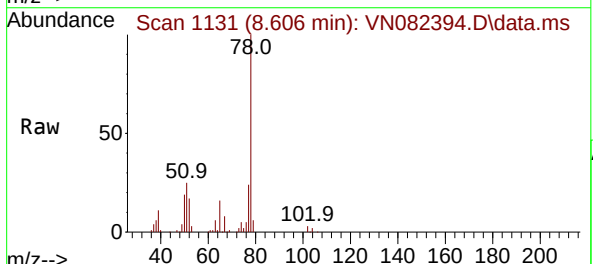
Reviewed By :John Carlone 05/31/2024

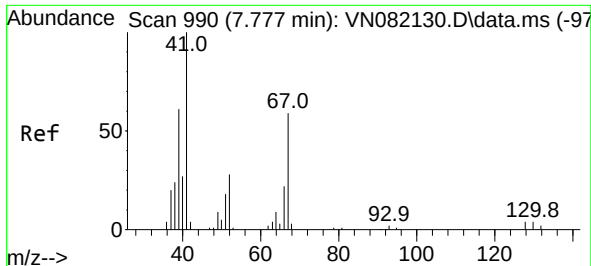
Supervised By :Mahesh Dadoda 05/31/2024



#40
Benzene
Concen: 19.825 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VN082394.D
Acq: 30 May 2024 14:55

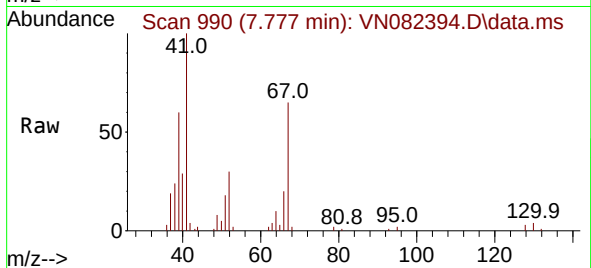
Tgt Ion: 78 Resp: 205317
Ion Ratio Lower Upper
78 100
77 23.9 20.0 30.0





#41
Methacrylonitrile
Concen: 19.392 ug/l
RT: 7.777 min Scan# 990
Delta R.T. -0.000 min
Lab File: VN082394.D
Acq: 30 May 2024 14:55

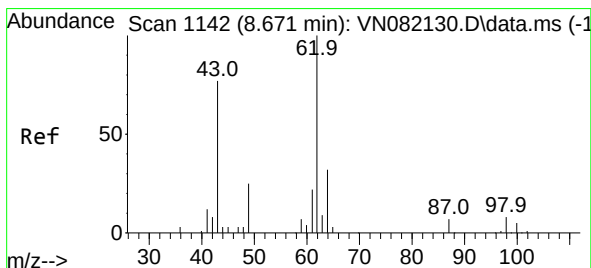
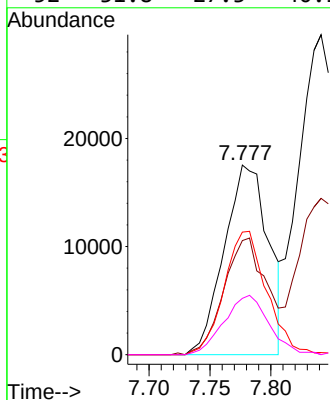
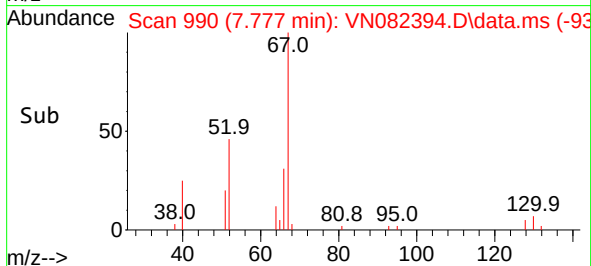
Instrument :
MSVOA_N
ClientSampleId :
VN0530WBSD01



Tgt Ion: 41 Resp: 44328
Ion Ratio Lower Upper
41 100
39 58.9 46.6 69.8
67 62.5 67.3 100.9
52 31.8 27.3 40.9

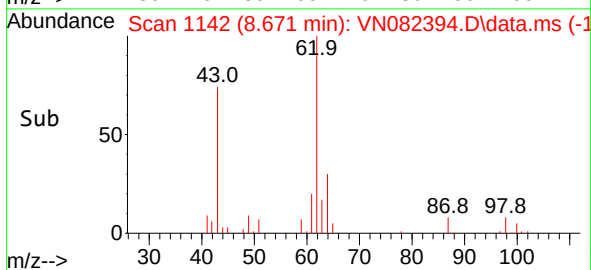
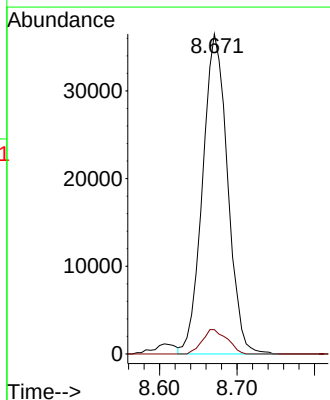
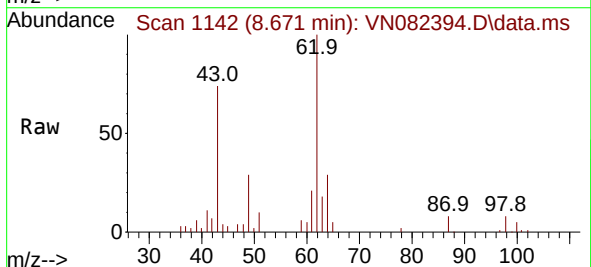
Manual Integrations
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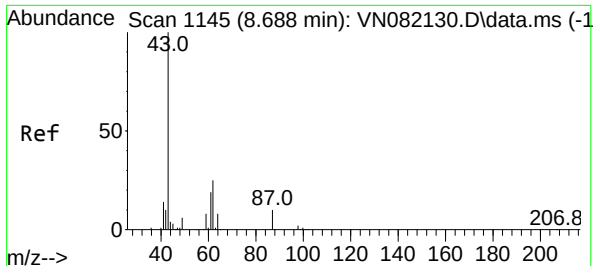
Reviewed By :John Carlone 05/31/2024
Supervised By :Mahesh Dadoda 05/31/2024



#42
1,2-Dichloroethane
Concen: 20.520 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN082394.D
Acq: 30 May 2024 14:55

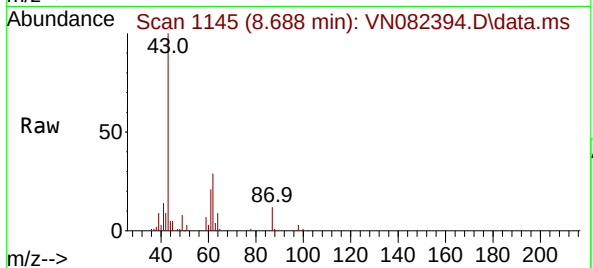
Tgt Ion: 62 Resp: 81736
Ion Ratio Lower Upper
62 100
98 7.6 0.0 19.6





#43
Isopropyl Acetate
Concen: 20.727 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VN082394.D
Acq: 30 May 2024 14:55

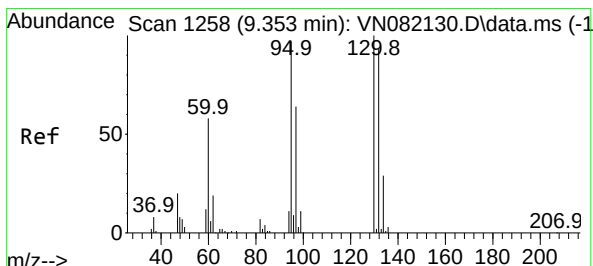
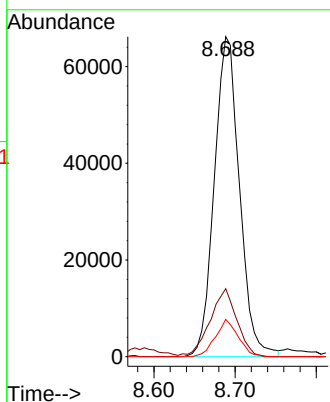
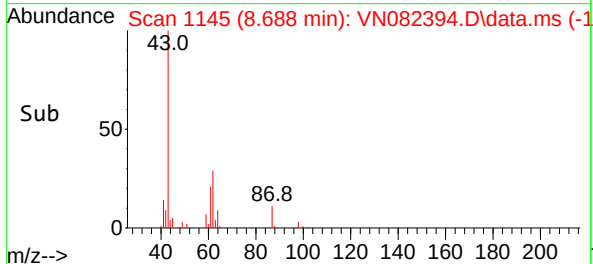
Instrument :
MSVOA_N
ClientSampleId :
VN0530WBSD01



Tgt Ion: 43 Resp: 142750
Ion Ratio Lower Upper
43 100
61 22.6 22.8 34.2
87 10.5 12.0 18.0

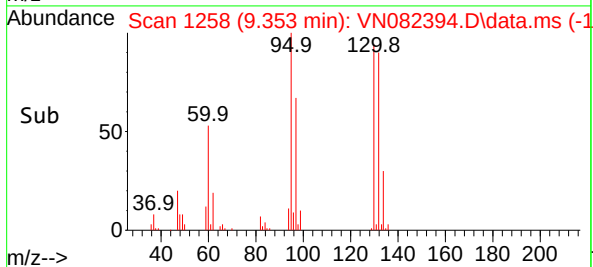
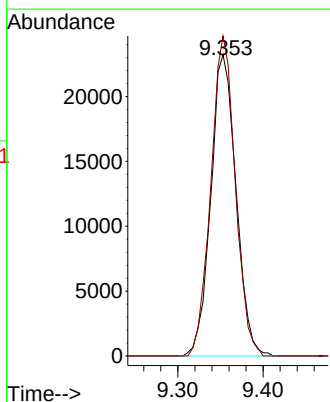
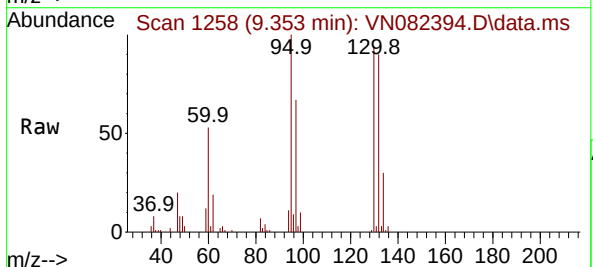
Manual Integrations
APPROVED

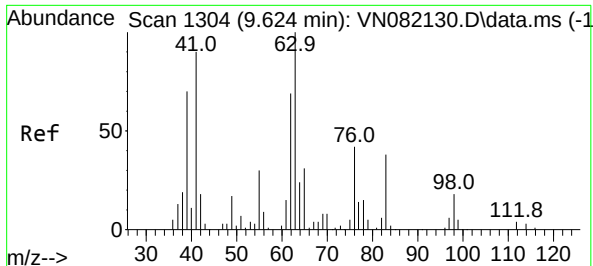
Reviewed By :John Carlone 05/31/2024
Supervised By :Mahesh Dadoda 05/31/2024



#44
Trichloroethene
Concen: 20.282 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. -0.000 min
Lab File: VN082394.D
Acq: 30 May 2024 14:55

Tgt Ion:130 Resp: 47715
Ion Ratio Lower Upper
130 100
95 106.2 0.0 195.4





#45

1,2-Dichloropropane

Concen: 20.087 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. -0.000 min

Lab File: VN082394.D

Acq: 30 May 2024 14:55

Instrument :

MSVOA_N

ClientSampleId :

VN0530WBSD01

Tgt Ion: 63 Resp: 53670

Ion Ratio Lower Upper

63 100

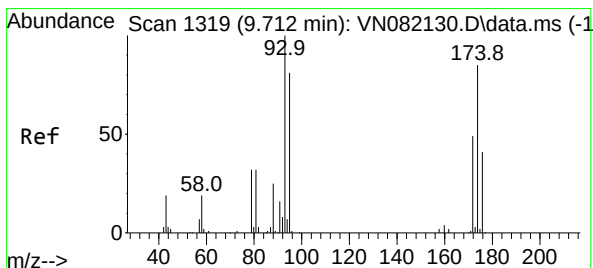
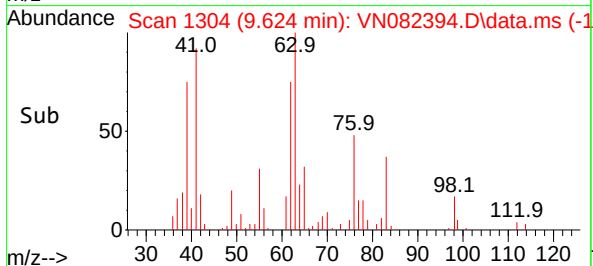
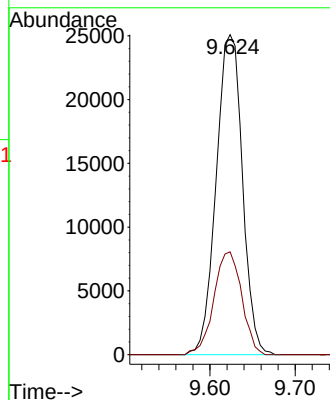
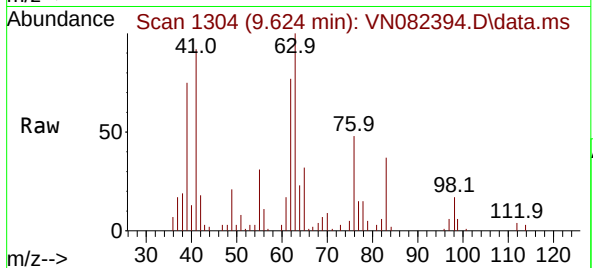
65 32.1 24.1 36.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/31/2024

Supervised By :Mahesh Dadoda 05/31/2024



#46

Dibromomethane

Concen: 20.199 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VN082394.D

Acq: 30 May 2024 14:55

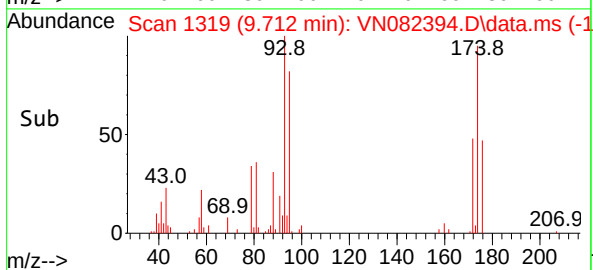
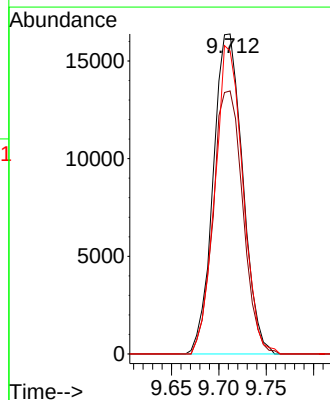
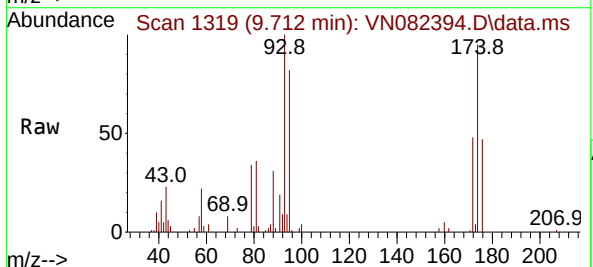
Tgt Ion: 93 Resp: 35436

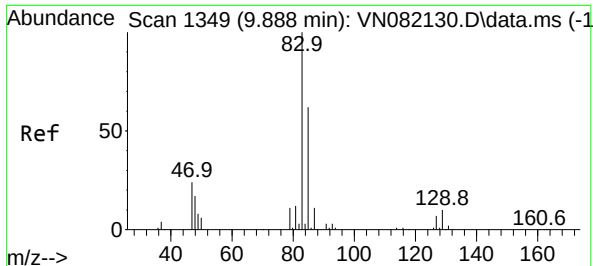
Ion Ratio Lower Upper

93 100

95 82.8 64.8 97.2

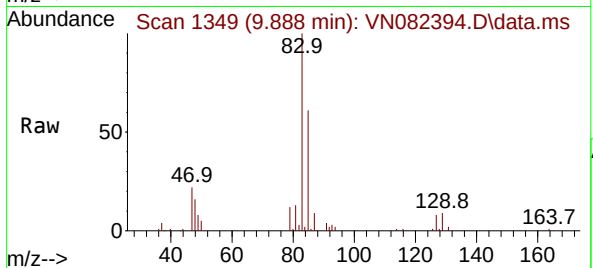
174 91.4 73.4 110.0





#47
Bromodichloromethane
Concen: 21.041 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. -0.000 min
Lab File: VN082394.D
Acq: 30 May 2024 14:55

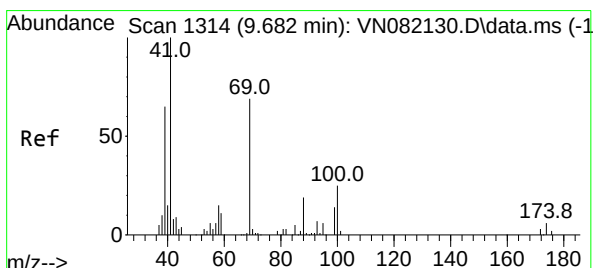
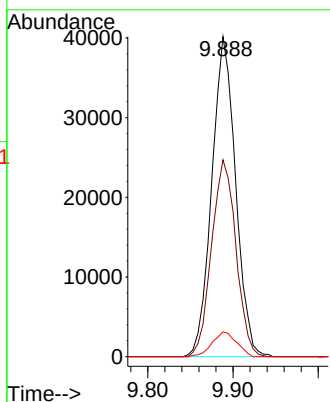
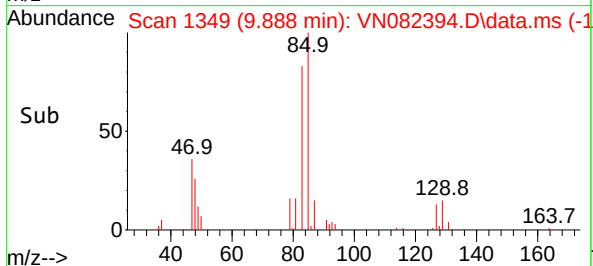
Instrument :
MSVOA_N
ClientSampleId :
VN0530WBSD01



Tgt Ion: 83 Resp: 77928
Ion Ratio Lower Upper
83 100
85 61.5 51.9 77.9
127 7.8 7.5 11.3

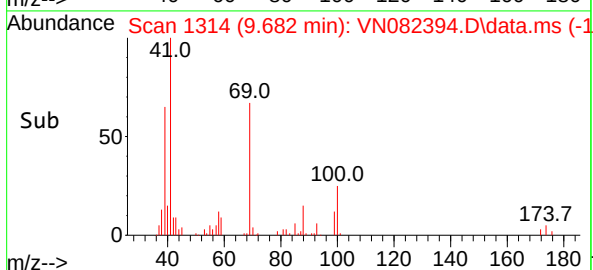
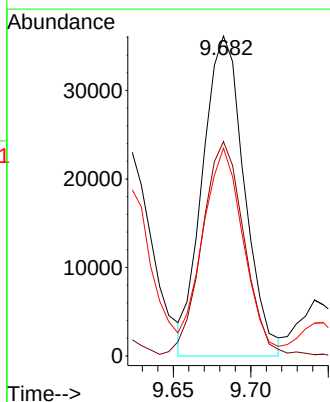
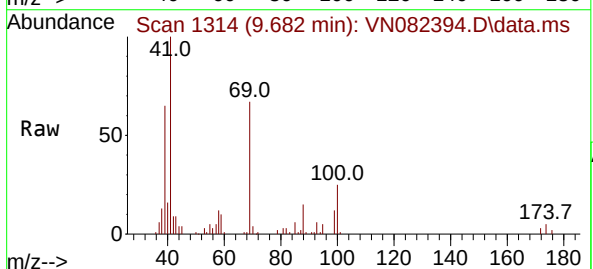
Manual Integrations
APPROVED

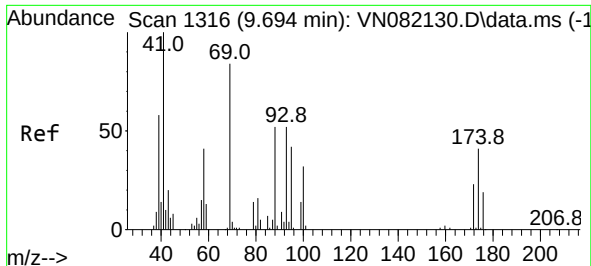
Reviewed By :John Carlone 05/31/2024
Supervised By :Mahesh Dadoda 05/31/2024



#48
Methyl methacrylate
Concen: 20.609 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VN082394.D
Acq: 30 May 2024 14:55

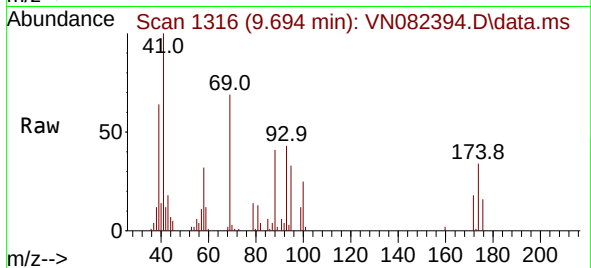
Tgt Ion: 41 Resp: 67632
Ion Ratio Lower Upper
41 100
69 68.0 77.9 116.9#
39 64.1 50.9 76.3





#49
1,4-Dioxane
Concen: 419.241 ug/l
RT: 9.694 min Scan# 1316
Delta R.T. -0.000 min
Lab File: VN082394.D
Acq: 30 May 2024 14:55

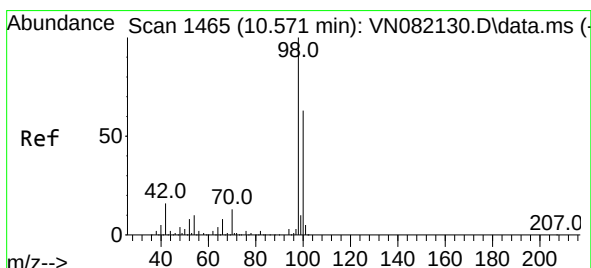
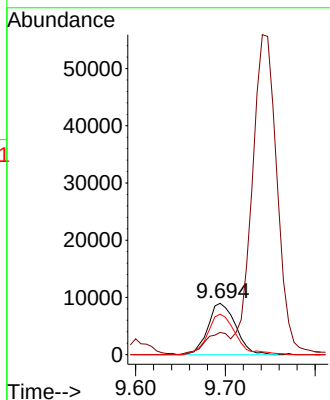
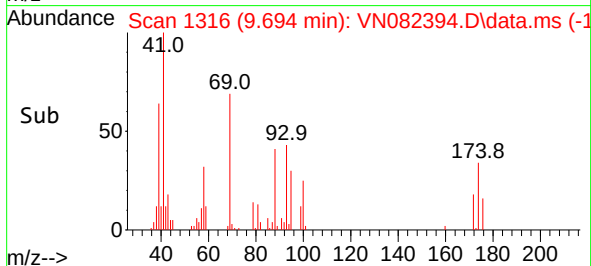
Instrument :
MSVOA_N
ClientSampleId :
VN0530WBSD01



Tgt Ion: 88 Resp: 19279
Ion Ratio Lower Upper
88 100
43 39.1 19.0 28.6
58 79.5 50.6 76.0

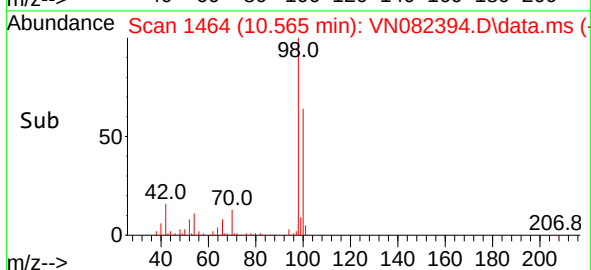
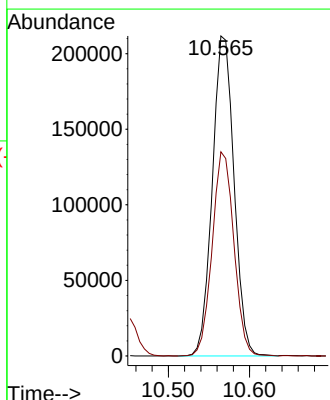
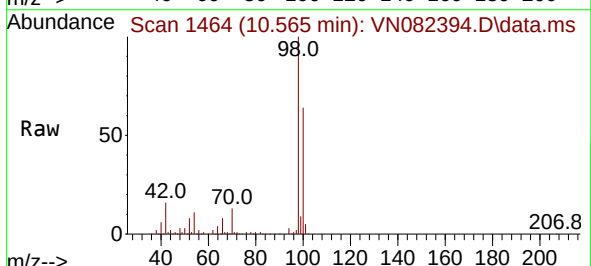
Manual Integrations
APPROVED

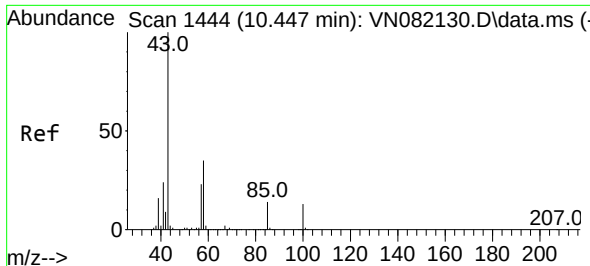
Reviewed By :John Carlone 05/31/2024
Supervised By :Mahesh Dadoda 05/31/2024



#50
Toluene-d8
Concen: 49.570 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VN082394.D
Acq: 30 May 2024 14:55

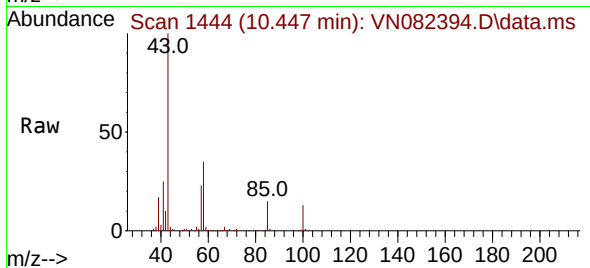
Tgt Ion: 98 Resp: 393545
Ion Ratio Lower Upper
98 100
100 63.8 51.8 77.6





#51
4-Methyl-2-Pentanone
Concen: 105.196 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN082394.D
Acq: 30 May 2024 14:55

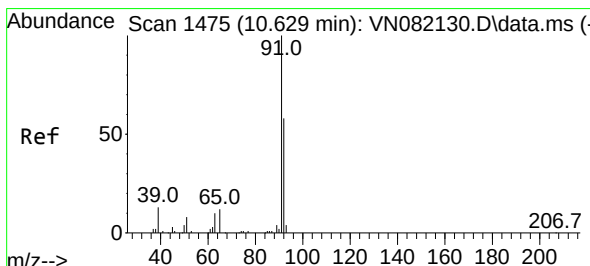
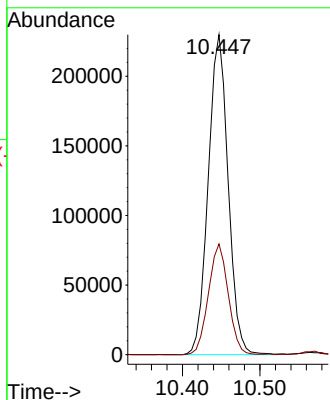
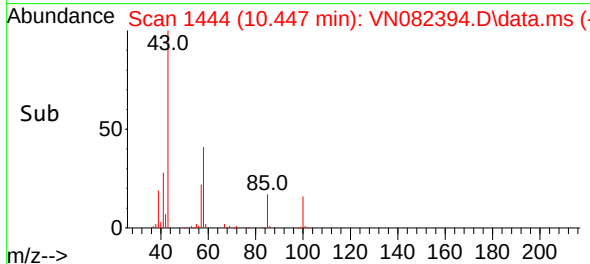
Instrument :
MSVOA_N
ClientSampleId :
VN0530WBSD01



Tgt Ion: 43 Resp: 411634
Ion Ratio Lower Upper
43 100
58 34.6 33.2 49.8

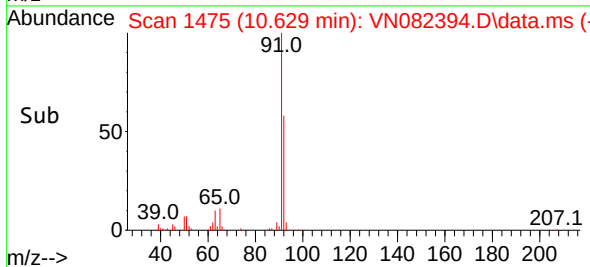
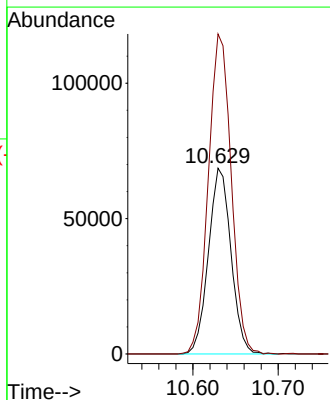
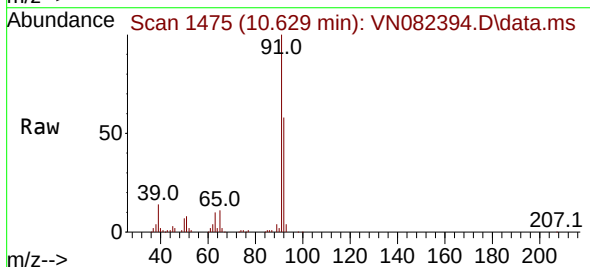
Manual Integrations
APPROVED

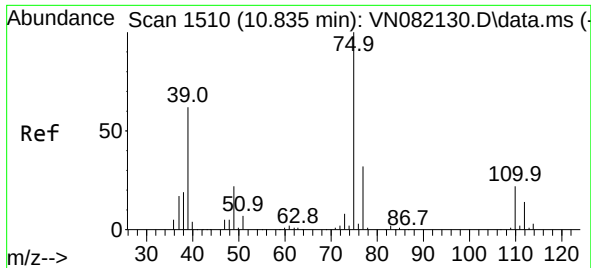
Reviewed By :John Carlone 05/31/2024
Supervised By :Mahesh Dadoda 05/31/2024



#52
Toluene
Concen: 20.311 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN082394.D
Acq: 30 May 2024 14:55

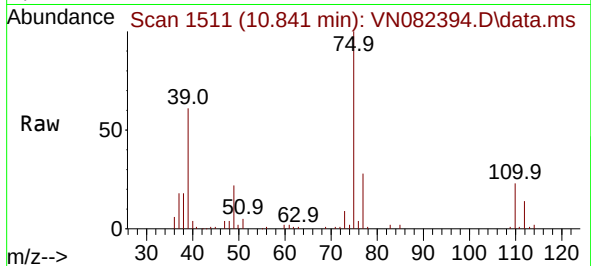
Tgt Ion: 92 Resp: 126236
Ion Ratio Lower Upper
92 100
91 174.5 136.7 205.1





#53
 t-1,3-Dichloropropene
 Concen: 20.617 ug/l
 RT: 10.841 min Scan# 1511
 Delta R.T. 0.006 min
 Lab File: VN082394.D
 Acq: 30 May 2024 14:55

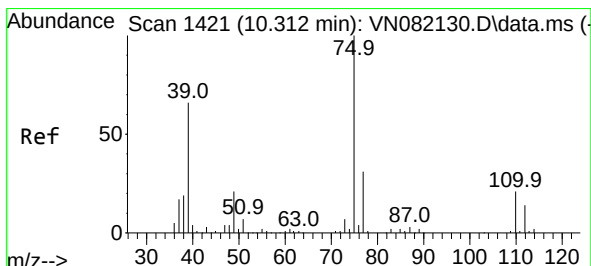
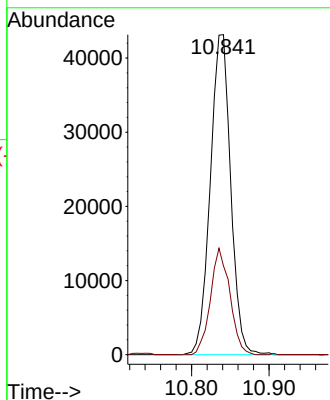
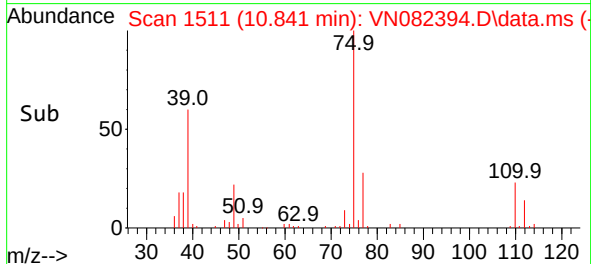
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0530WBSD01



Tgt Ion: 75 Resp: 78972
 Ion Ratio Lower Upper
 75 100
 77 27.7 25.4 38.0

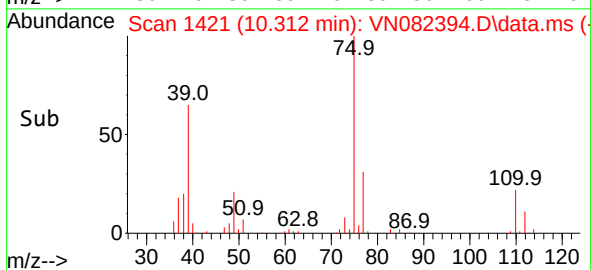
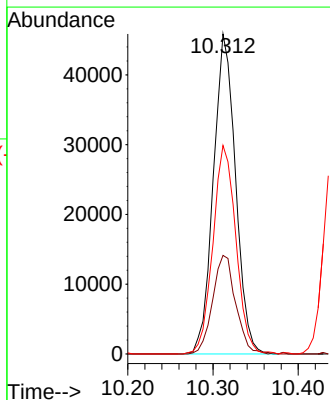
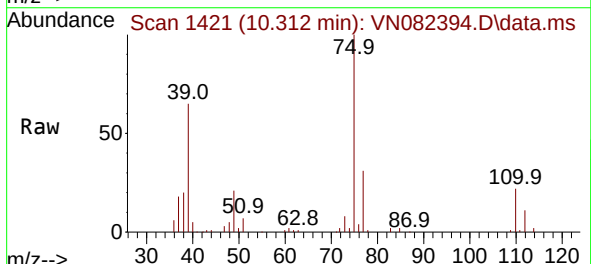
Manual Integrations
 APPROVED

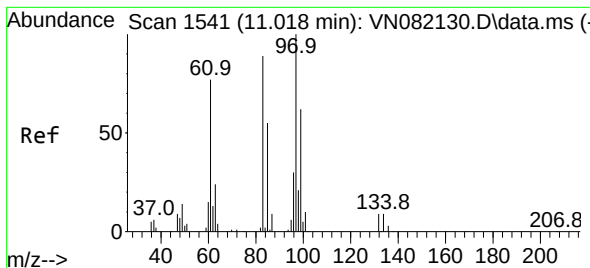
Reviewed By :John Carlone 05/31/2024
 Supervised By :Mahesh Dadoda 05/31/2024



#54
 cis-1,3-Dichloropropene
 Concen: 20.500 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. -0.000 min
 Lab File: VN082394.D
 Acq: 30 May 2024 14:55

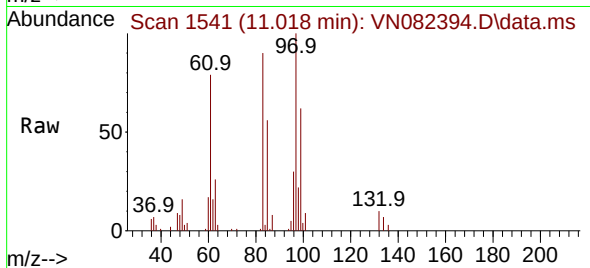
Tgt Ion: 75 Resp: 83115
 Ion Ratio Lower Upper
 75 100
 77 30.8 25.0 37.4
 39 65.1 34.8 52.2#





#55
1,1,2-Trichloroethane
Concen: 21.357 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. -0.000 min
Lab File: VN082394.D
Acq: 30 May 2024 14:55

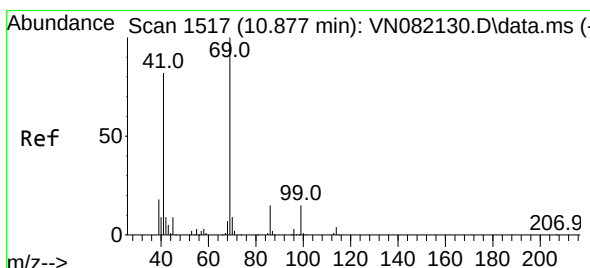
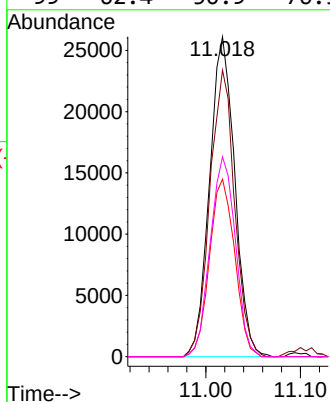
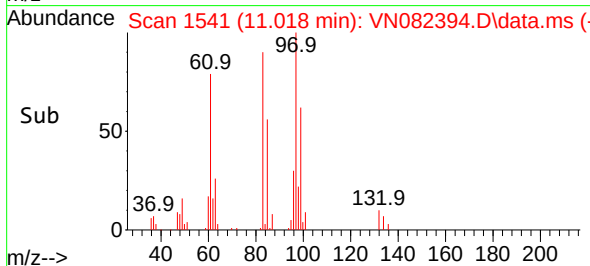
Instrument :
MSVOA_N
ClientSampleId :
VN0530WBSD01



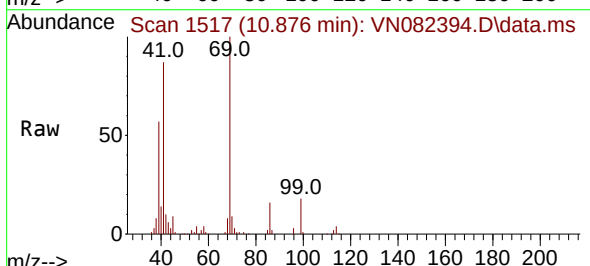
Tgt Ion:	97	Resp:	4823
Ion	Ratio	Lower	Upper
97	100		
83	89.6	70.4	105.6
85	55.5	45.6	68.4
99	62.4	50.9	76.3

Manual Integrations
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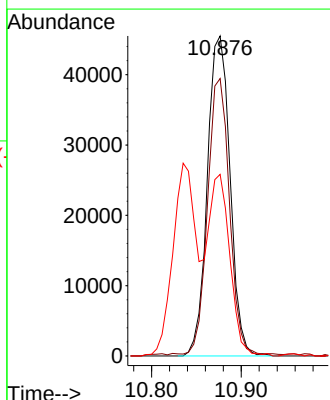
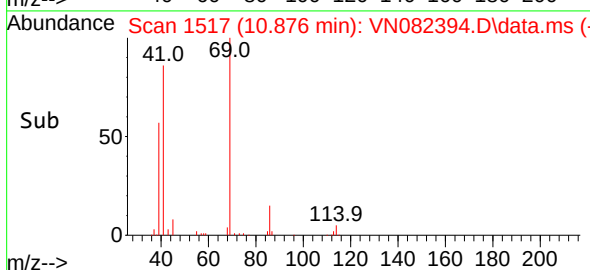
Reviewed By :John Carlone 05/31/2024
Supervised By :Mahesh Dadoda 05/31/2024

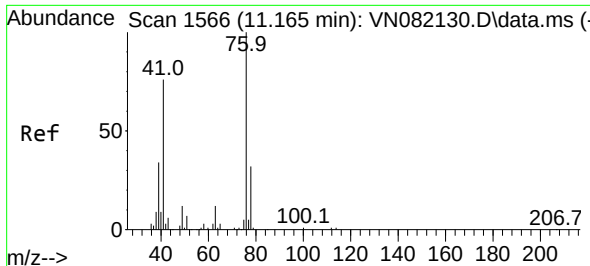


#56
Ethyl methacrylate
Concen: 20.832 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. -0.000 min
Lab File: VN082394.D
Acq: 30 May 2024 14:55



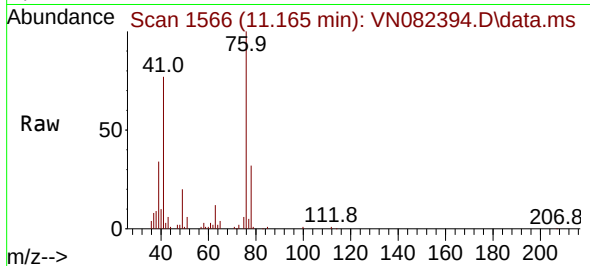
Tgt Ion:	69	Resp:	79881
Ion	Ratio	Lower	Upper
69	100		
41	83.5	46.6	70.0#
39	57.0	26.5	39.7#





#57
1,3-Dichloropropane
Concen: 20.431 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. -0.000 min
Lab File: VN082394.D
Acq: 30 May 2024 14:55

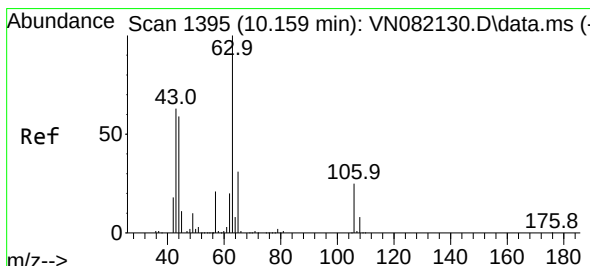
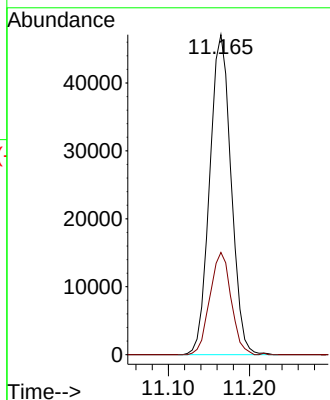
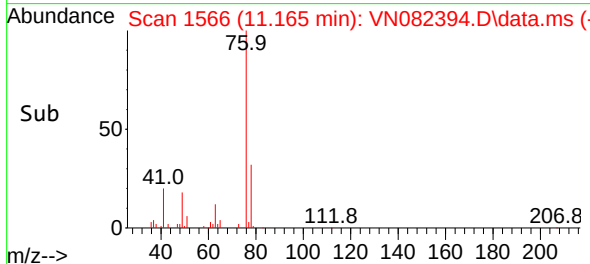
Instrument :
MSVOA_N
ClientSampleId :
VN0530WBSD01



Tgt Ion: 76 Resp: 86280
Ion Ratio Lower Upper
76 100
78 31.7 25.8 38.6

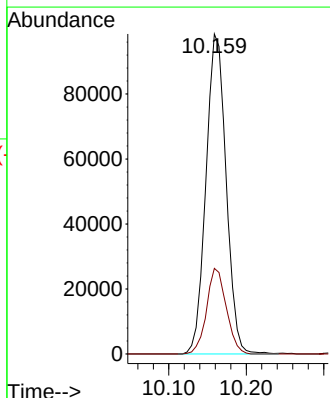
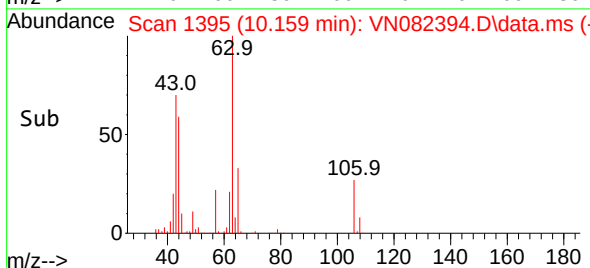
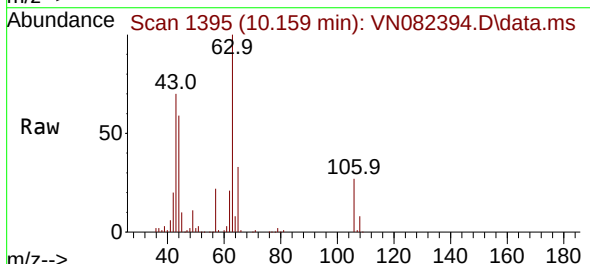
Manual Integrations
APPROVED

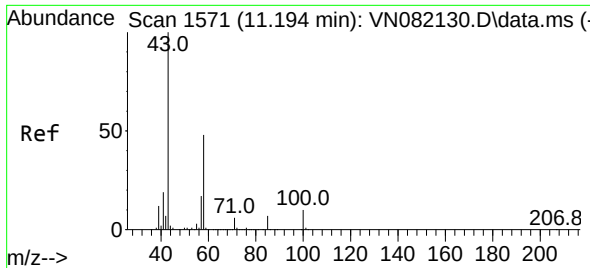
Reviewed By :John Carlone 05/31/2024
Supervised By :Mahesh Dadoda 05/31/2024



#58
2-Chloroethyl Vinyl ether
Concen: 89.999 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VN082394.D
Acq: 30 May 2024 14:55

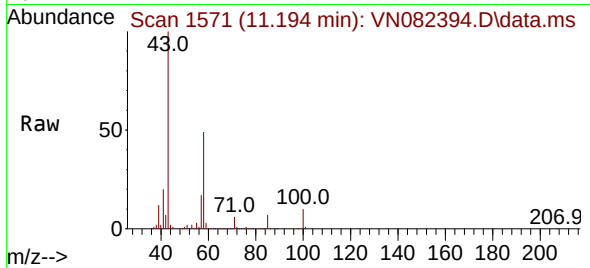
Tgt Ion: 63 Resp: 178010
Ion Ratio Lower Upper
63 100
106 26.1 24.6 36.8





#59
2-Hexanone
Concen: 105.128 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VN082394.D
Acq: 30 May 2024 14:55

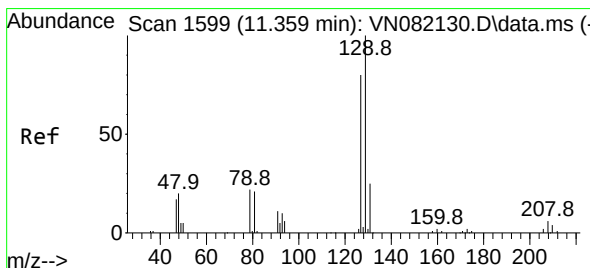
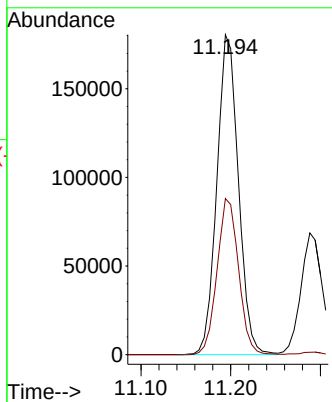
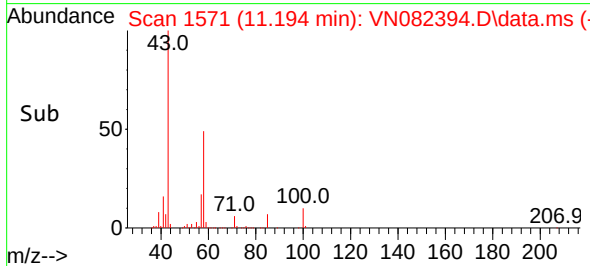
Instrument :
MSVOA_N
ClientSampleId :
VN0530WBSD01



Tgt Ion: 43 Resp: 30120
Ion Ratio Lower Upper
43 100
58 48.6 28.3 84.9

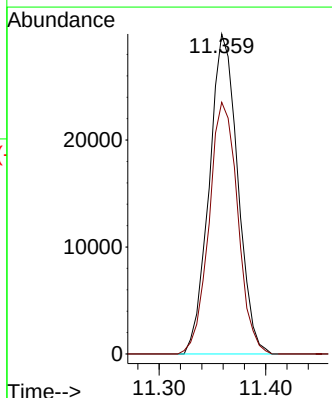
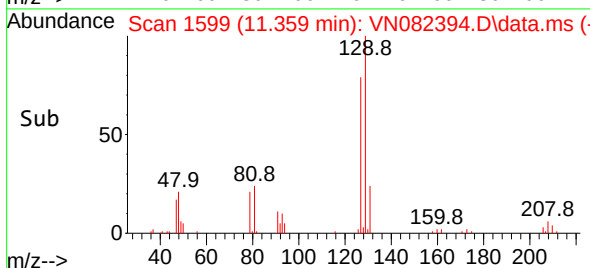
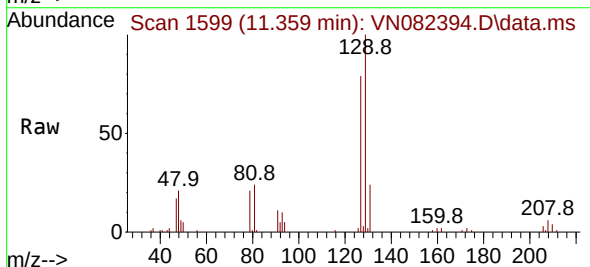
Manual Integrations
APPROVED

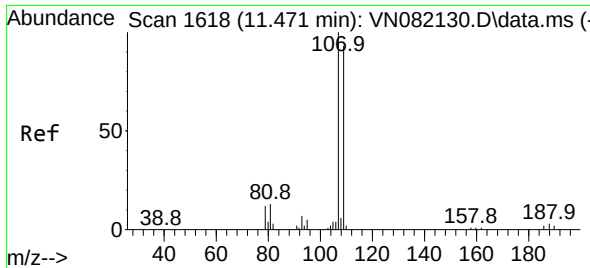
Reviewed By :John Carlone 05/31/2024
Supervised By :Mahesh Dadoda 05/31/2024



#60
Dibromochloromethane
Concen: 22.312 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN082394.D
Acq: 30 May 2024 14:55

Tgt Ion:129 Resp: 55614
Ion Ratio Lower Upper
129 100
127 79.0 38.3 114.8





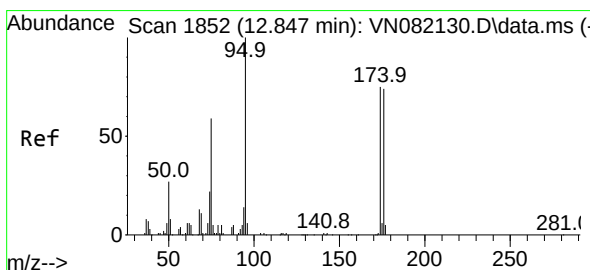
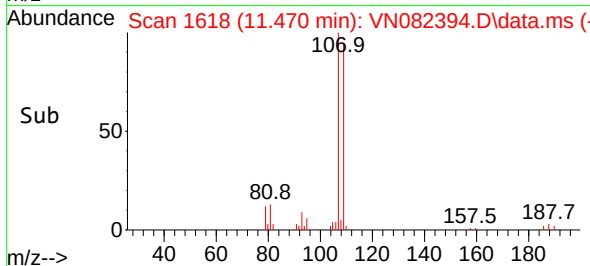
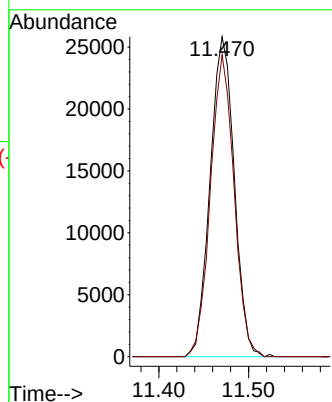
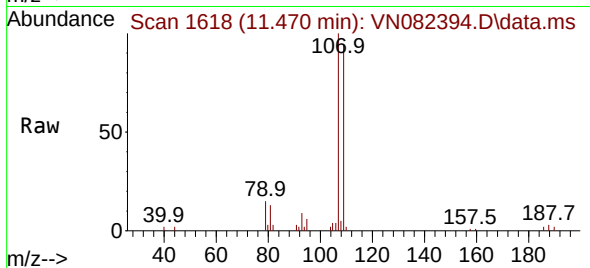
#61
1,2-Dibromoethane
Concen: 20.838 ug/l
RT: 11.470 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VN082394.D
Acq: 30 May 2024 14:55

Instrument :
MSVOA_N
ClientSampleId :
VN0530WBSD01

Tgt Ion:107 Resp: 4834
Ion Ratio Lower Upper
107 100
109 92.0 75.8 113.6

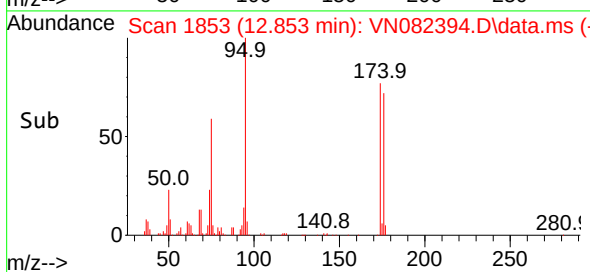
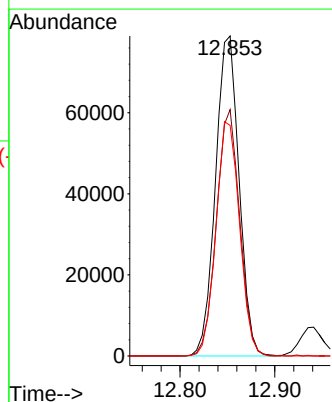
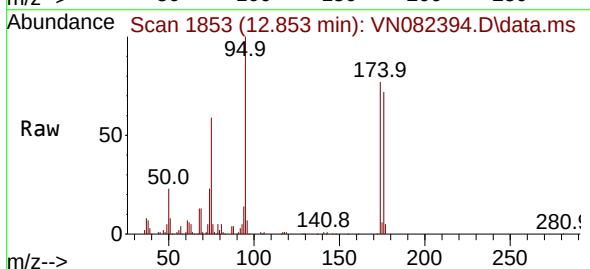
Manual Integrations
APPROVED

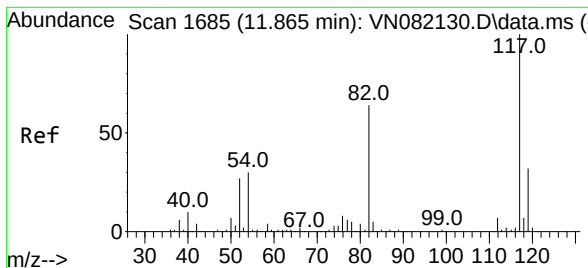
Reviewed By :John Carlone 05/31/2024
Supervised By :Mahesh Dadoda 05/31/2024



#62
4-Bromofluorobenzene
Concen: 48.193 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082394.D
Acq: 30 May 2024 14:55

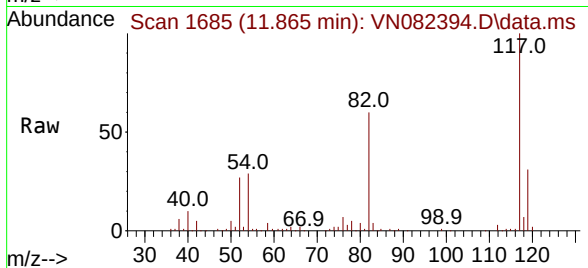
Tgt Ion: 95 Resp: 136564
Ion Ratio Lower Upper
95 100
174 76.0 0.0 160.6
176 73.2 0.0 152.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN082394.D
Acq: 30 May 2024 14:55

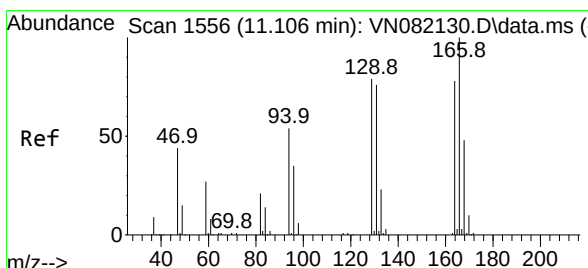
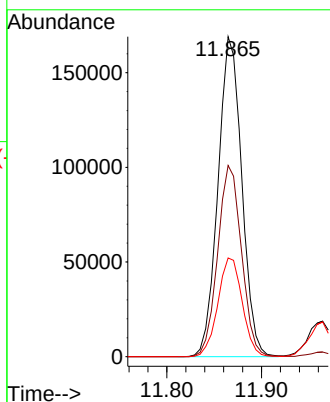
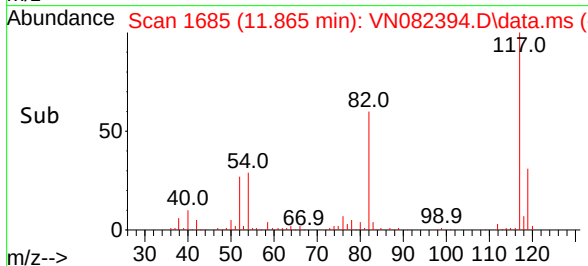
Instrument :
MSVOA_N
ClientSampleId :
VN0530WBSD01



Tgt Ion:117 Resp: 29500
Ion Ratio Lower Upper
117 100
82 59.8 44.6 66.8
119 30.8 25.9 38.9

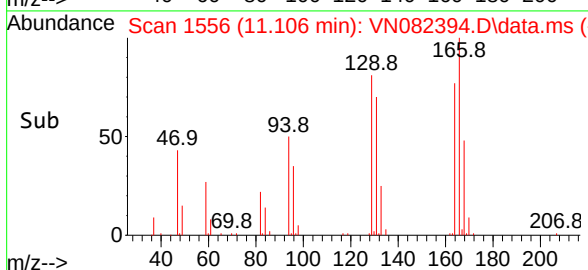
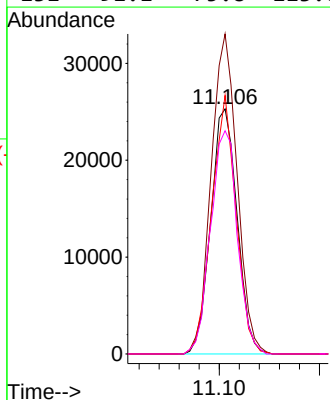
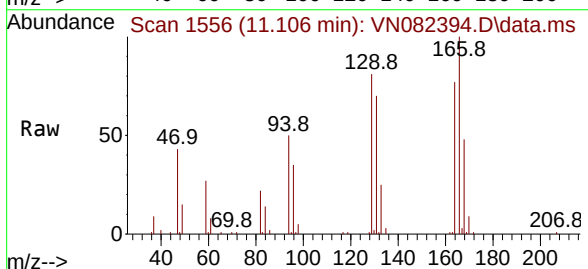
Manual Integrations
APPROVED

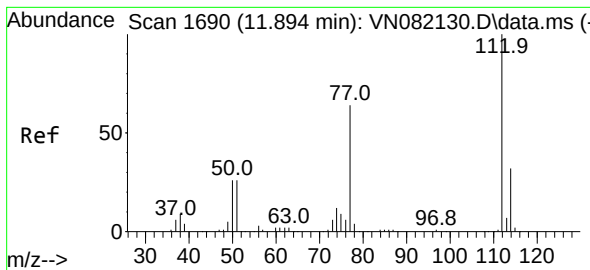
Reviewed By :John Carlone 05/31/2024
Supervised By :Mahesh Dadoda 05/31/2024



#64
Tetrachloroethene
Concen: 21.104 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VN082394.D
Acq: 30 May 2024 14:55

Tgt Ion:164 Resp: 46144
Ion Ratio Lower Upper
164 100
166 130.5 97.6 146.4
129 105.5 73.7 110.5
131 91.1 75.8 113.6





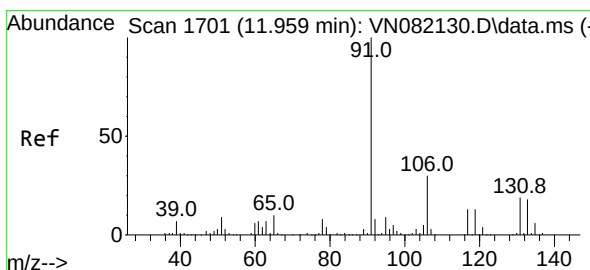
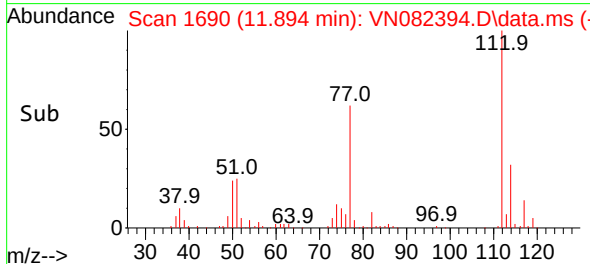
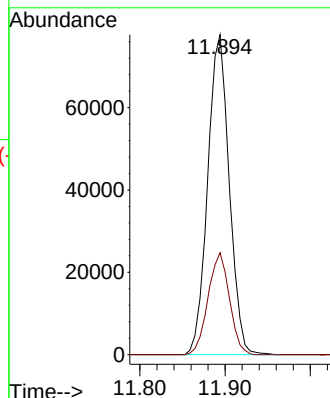
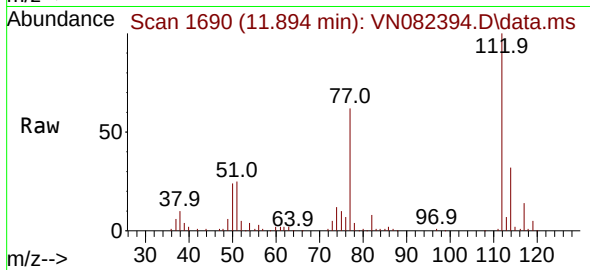
#65
Chlorobenzene
Concen: 20.967 ug/l
RT: 11.894 min Scan# 1111
Delta R.T. -0.000 min
Lab File: VN082394.D
Acq: 30 May 2024 14:55

Instrument :
MSVOA_N
ClientSampleId :
VN0530WBSD01

Tgt Ion:112 Resp: 13664
Ion Ratio Lower Upper
112 100
114 31.8 25.7 38.5

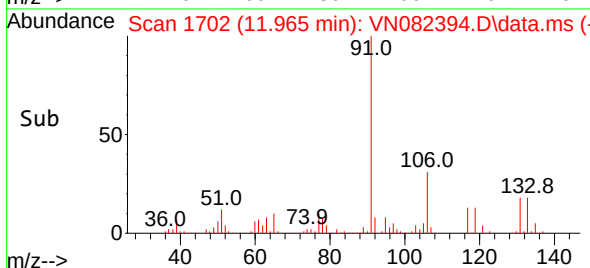
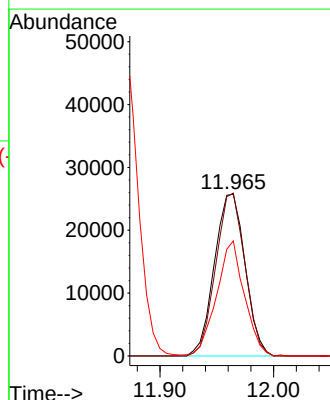
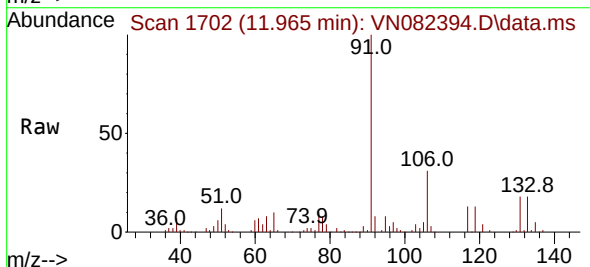
Manual Integrations
APPROVED

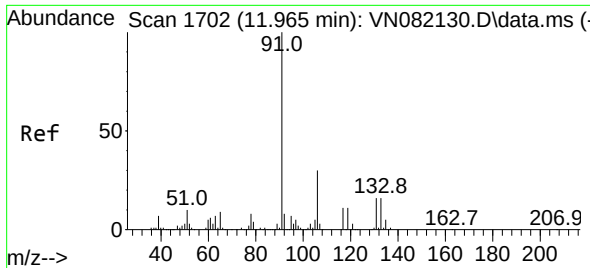
Reviewed By :John Carlone 05/31/2024
Supervised By :Mahesh Dadoda 05/31/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 22.539 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.006 min
Lab File: VN082394.D
Acq: 30 May 2024 14:55

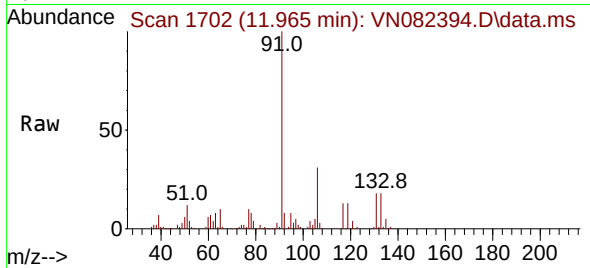
Tgt Ion:131 Resp: 48384
Ion Ratio Lower Upper
131 100
133 95.6 47.5 142.6
119 64.5 32.9 98.7





#67
Ethyl Benzene
Concen: 20.587 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN082394.D
Acq: 30 May 2024 14:55

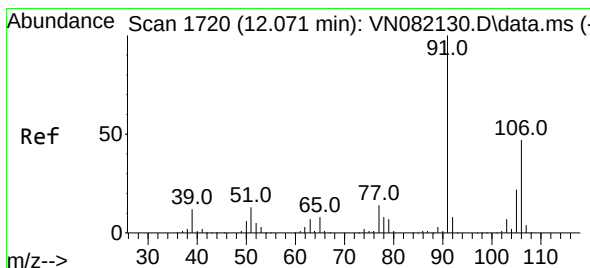
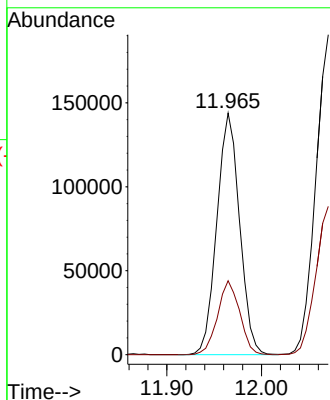
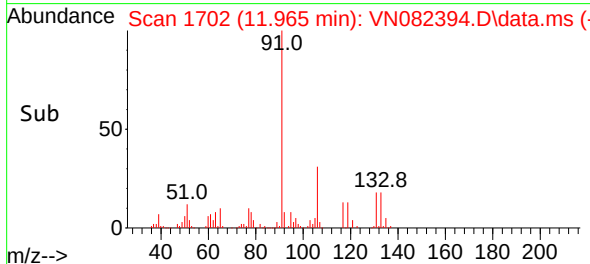
Instrument :
MSVOA_N
ClientSampleId :
VN0530WBSD01



Tgt Ion: 91 Resp: 240000
Ion Ratio Lower Upper
91 100
106 30.6 25.3 37.9

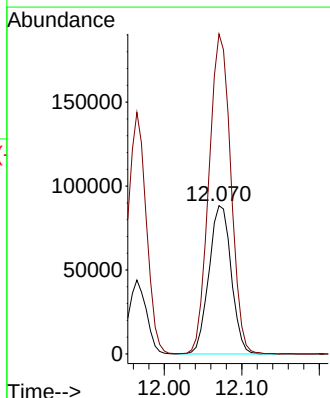
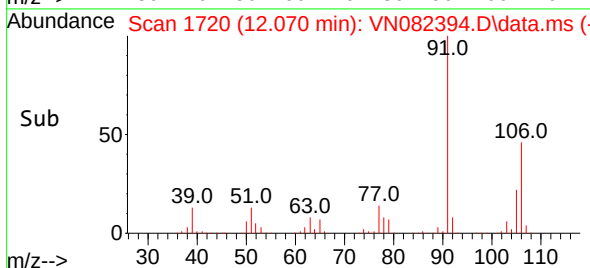
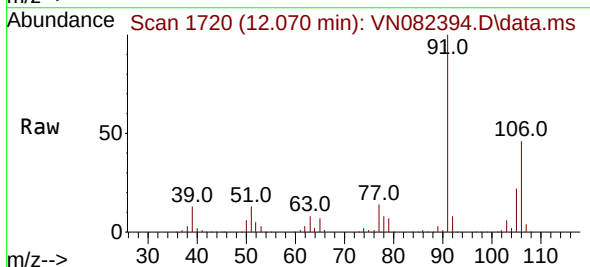
Manual Integrations
APPROVED

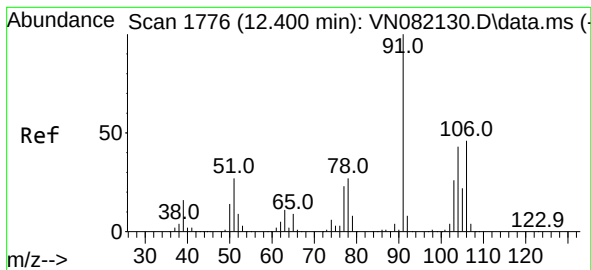
Reviewed By :John Carlone 05/31/2024
Supervised By :Mahesh Dadoda 05/31/2024



#68
m/p-Xylenes
Concen: 41.251 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN082394.D
Acq: 30 May 2024 14:55

Tgt Ion:106 Resp: 176254
Ion Ratio Lower Upper
106 100
91 212.4 159.4 239.0





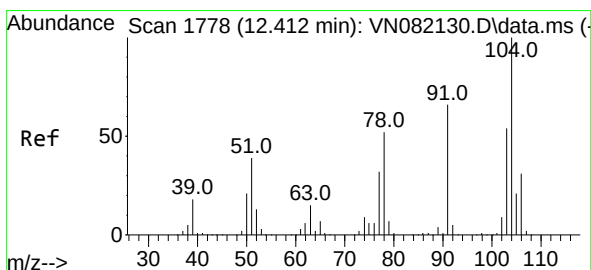
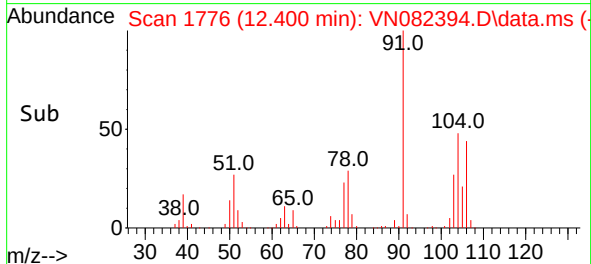
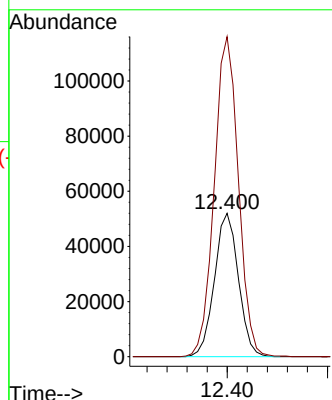
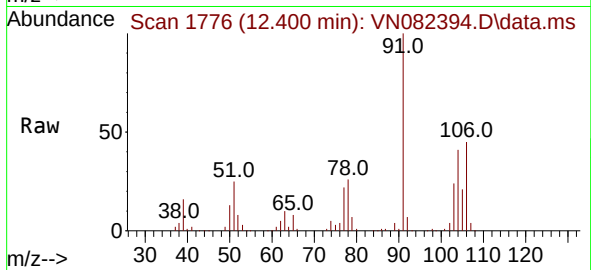
#69
o-Xylene
Concen: 20.828 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN082394.D
Acq: 30 May 2024 14:55

Instrument :
MSVOA_N
ClientSampleId :
VN0530WBSD01

Tgt Ion:106 Resp: 86205
Ion Ratio Lower Upper
106 100
91 224.8 104.7 314.1

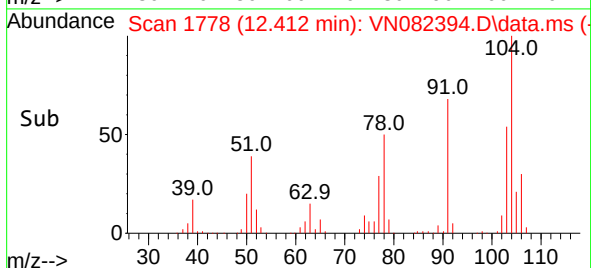
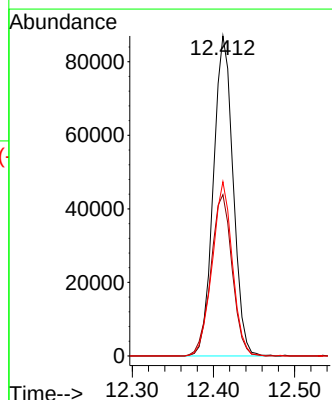
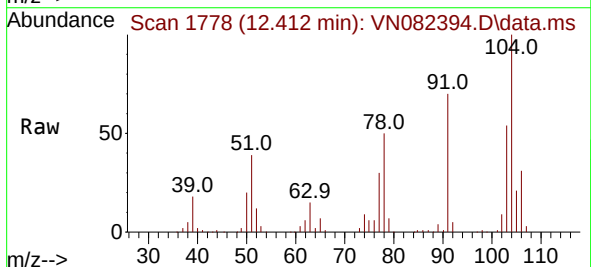
Manual Integrations
APPROVED

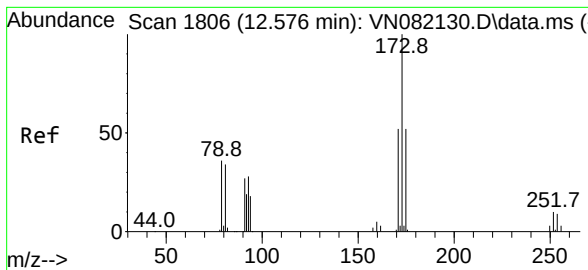
Reviewed By :John Carlone 05/31/2024
Supervised By :Mahesh Dadoda 05/31/2024



#70
Styrene
Concen: 21.419 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN082394.D
Acq: 30 May 2024 14:55

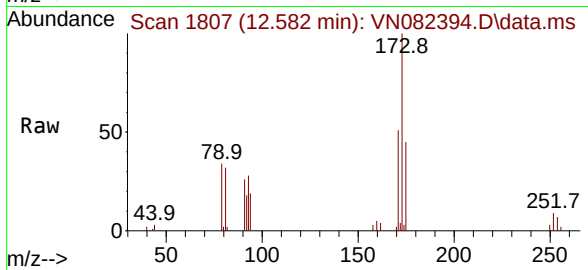
Tgt Ion:104 Resp: 147247
Ion Ratio Lower Upper
104 100
78 54.2 38.6 58.0
103 55.5 43.8 65.6





#71
Bromoform
Concen: 20.953 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. 0.006 min
Lab File: VN082394.D
Acq: 30 May 2024 14:55

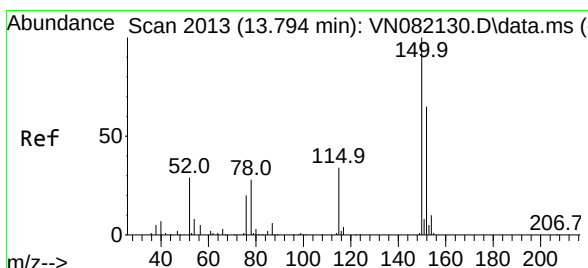
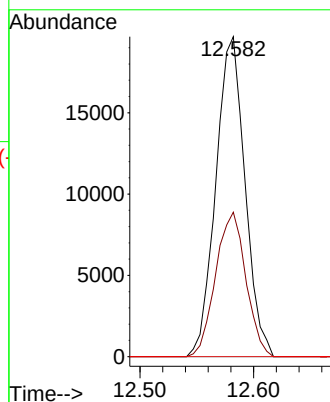
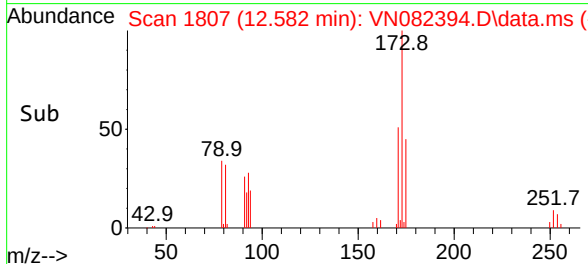
Instrument :
MSVOA_N
ClientSampleId :
VN0530WBSD01



Tgt Ion:173 Resp: 35069
Ion Ratio Lower Upper
173 100
175 46.7 24.6 74.0
254 0.0 0.0 0.0

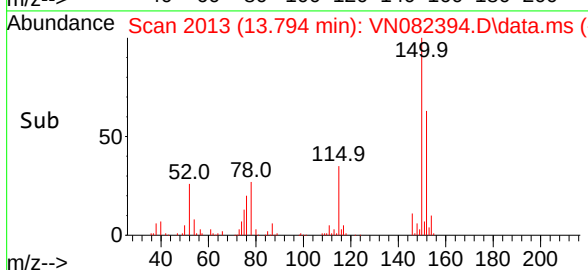
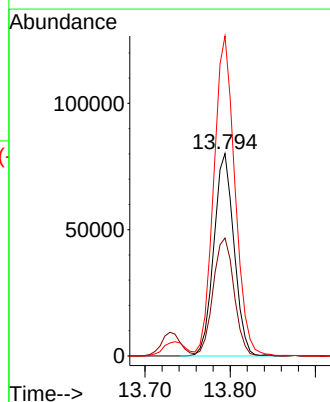
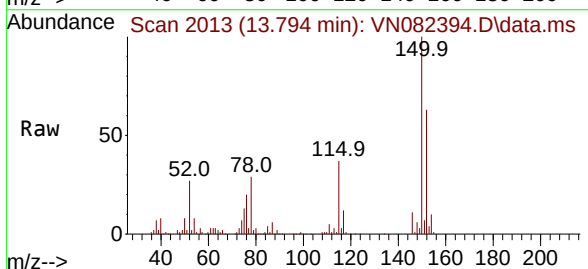
Manual Integrations
APPROVED

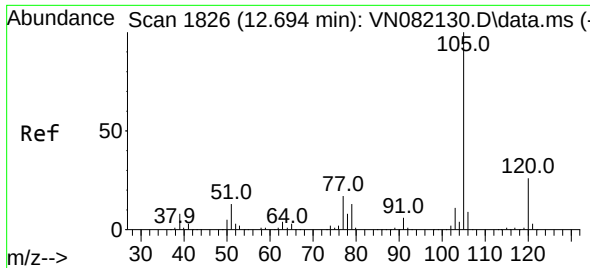
Reviewed By :John Carlone 05/31/2024
Supervised By :Mahesh Dadoda 05/31/2024



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN082394.D
Acq: 30 May 2024 14:55

Tgt Ion:152 Resp: 131660
Ion Ratio Lower Upper
152 100
115 60.6 30.4 91.3
150 165.9 0.0 353.2





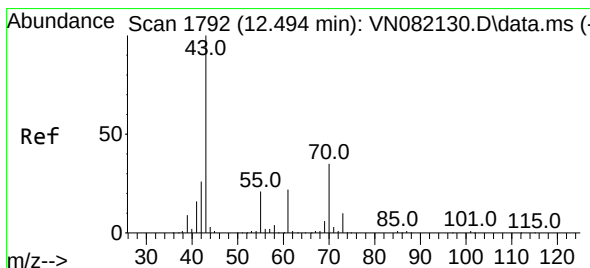
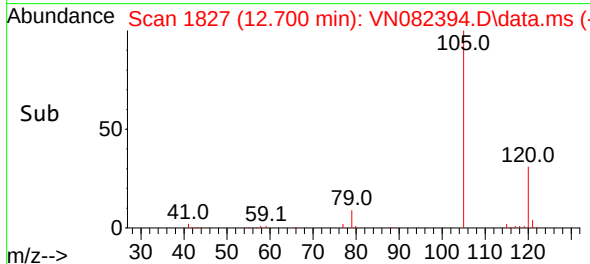
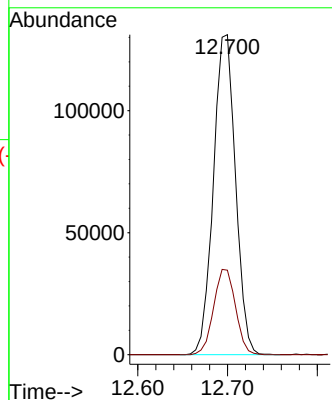
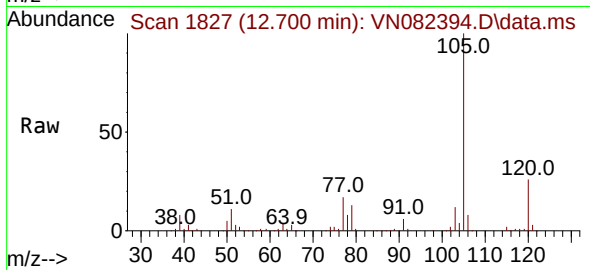
#73
Isopropylbenzene
Concen: 21.445 ug/l
RT: 12.700 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN082394.D
Acq: 30 May 2024 14:55

Instrument :
MSVOA_N
ClientSampleId :
VN0530WBSD01

Tgt Ion:105 Resp: 224300
Ion Ratio Lower Upper
105 100
120 26.4 13.4 40.1

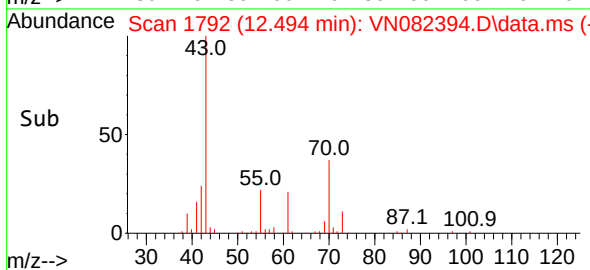
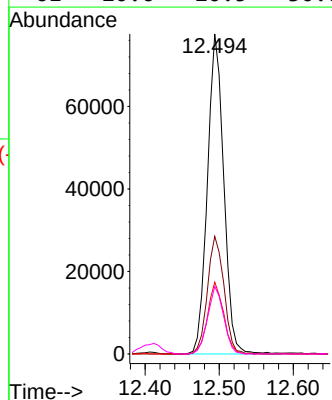
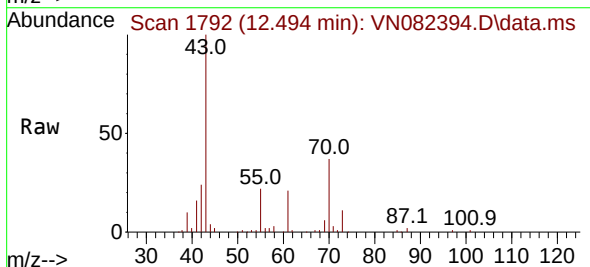
Manual Integrations
APPROVED

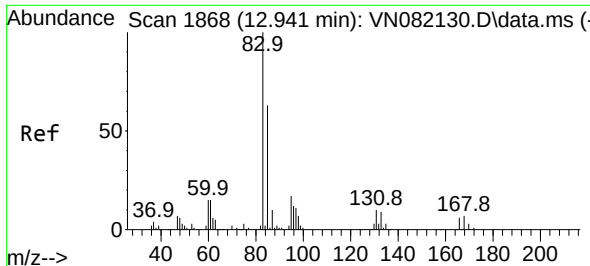
Reviewed By :John Carlone 05/31/2024
Supervised By :Mahesh Dadoda 05/31/2024



#74
N-ethyl acetate
Concen: 20.694 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. -0.000 min
Lab File: VN082394.D
Acq: 30 May 2024 14:55

Tgt Ion: 43 Resp: 119063
Ion Ratio Lower Upper
43 100
70 37.1 39.0 58.4#
55 22.1 21.3 31.9
61 20.6 20.5 30.7





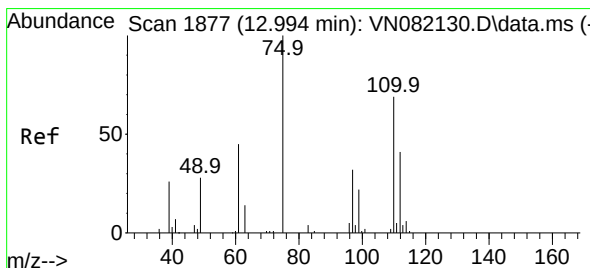
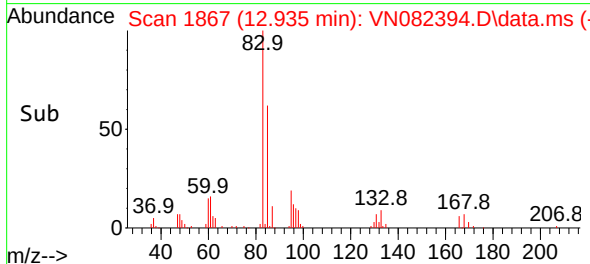
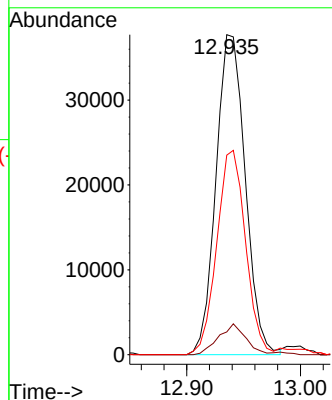
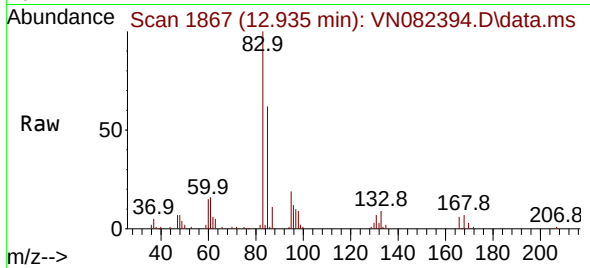
#75
1,1,2,2-Tetrachloroethane
Concen: 22.395 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VN082394.D
Acq: 30 May 2024 14:55

Instrument :
MSVOA_N
ClientSampleId :
VN0530WBSD01

Tgt Ion: 83 Resp: 6752
Ion Ratio Lower Upper
83 100
131 9.1 5.5 16.4
85 62.7 32.9 98.6

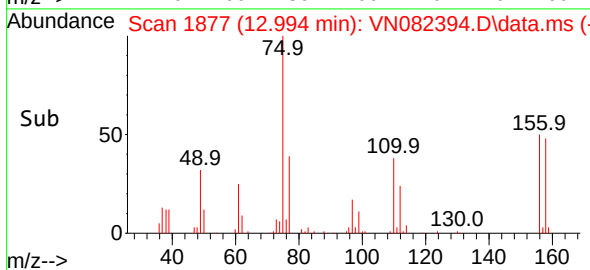
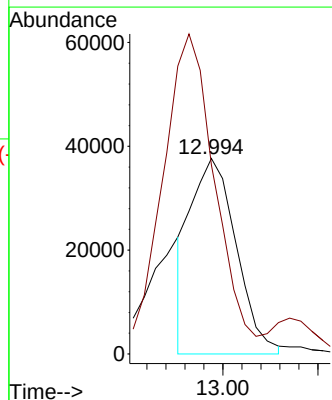
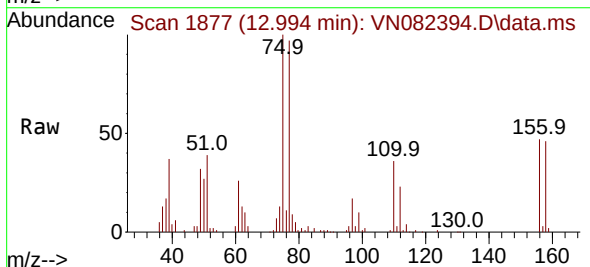
Manual Integrations
APPROVED

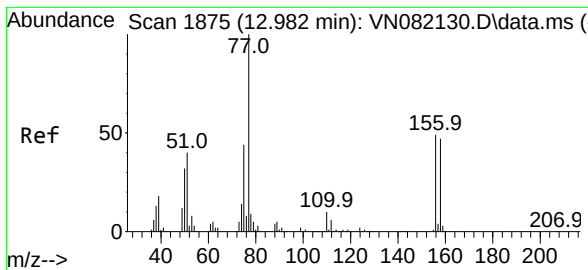
Reviewed By :John Carlone 05/31/2024
Supervised By :Mahesh Dadoda 05/31/2024



#76
1,2,3-Trichloropropane
Concen: 22.618 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. -0.000 min
Lab File: VN082394.D
Acq: 30 May 2024 14:55

Tgt Ion: 75 Resp: 62677
Ion Ratio Lower Upper
75 100
77 189.7 90.5 271.3





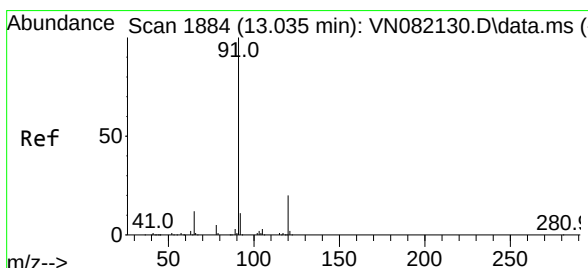
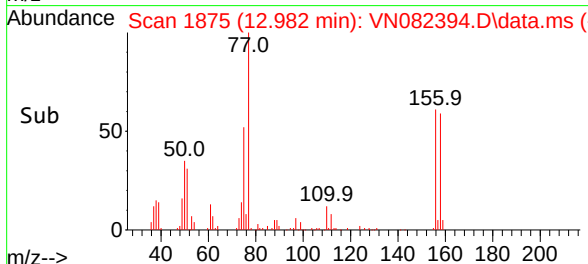
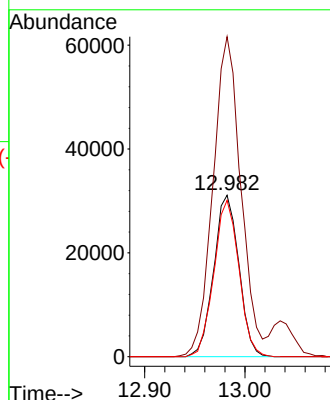
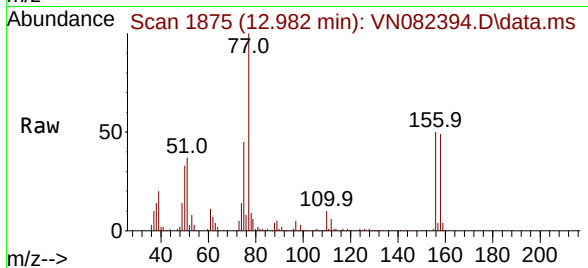
#77
Bromobenzene
Concen: 21.731 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VN082394.D
Acq: 30 May 2024 14:55

Instrument :
MSVOA_N
ClientSampleId :
VN0530WBSD01

Tgt Ion:156 Resp: 5416
Ion Ratio Lower Upper
156 100
77 219.4 100.2 300.6
158 96.4 49.1 147.3

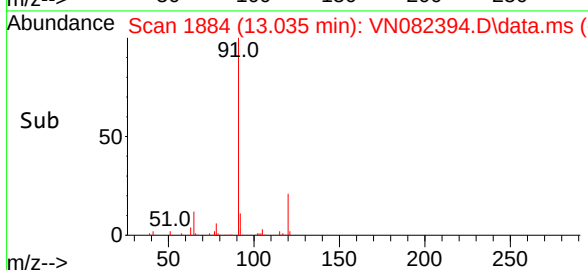
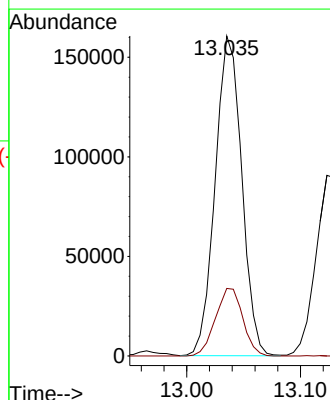
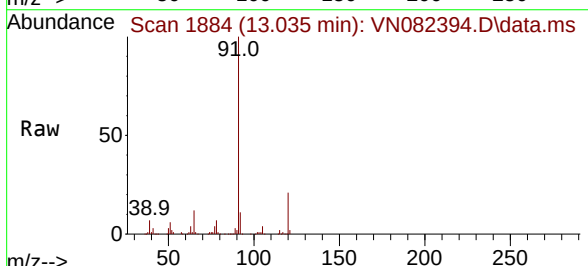
Manual Integrations
APPROVED

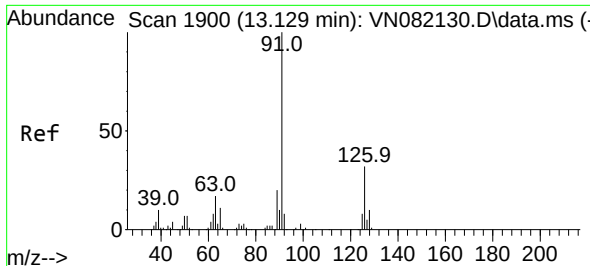
Reviewed By :John Carlone 05/31/2024
Supervised By :Mahesh Dadoda 05/31/2024



#78
n-propylbenzene
Concen: 21.041 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VN082394.D
Acq: 30 May 2024 14:55

Tgt Ion: 91 Resp: 260613
Ion Ratio Lower Upper
91 100
120 21.8 11.7 35.0





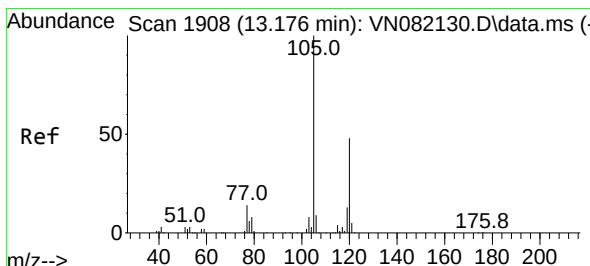
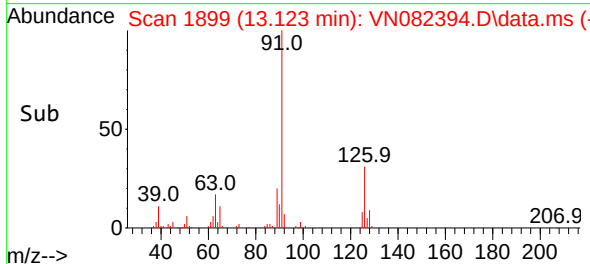
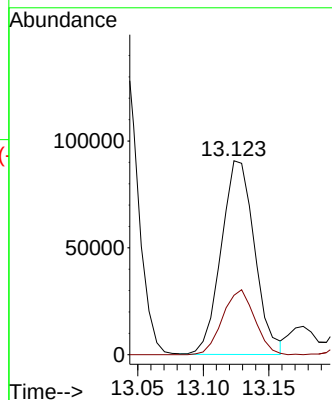
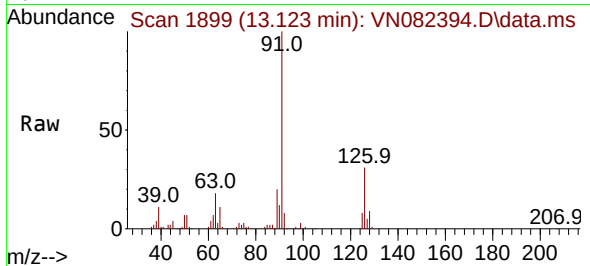
#79
2-Chlorotoluene
Concen: 20.702 ug/l
RT: 13.123 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN082394.D
Acq: 30 May 2024 14:55

Instrument :
MSVOA_N
ClientSampleId :
VN0530WBSD01

Tgt Ion: 91 Resp: 161010
Ion Ratio Lower Upper
91 100
126 32.1 17.5 52.5

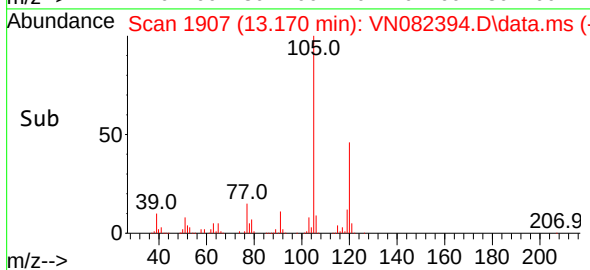
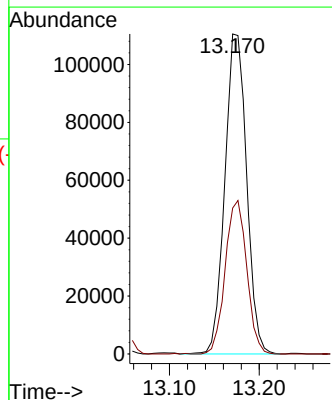
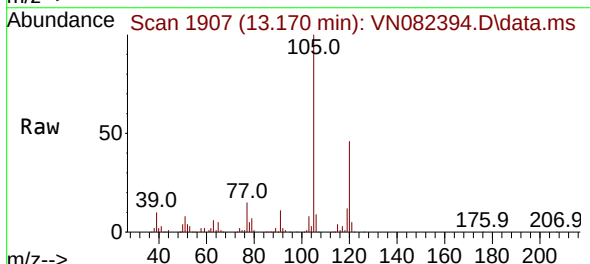
Manual Integrations
APPROVED

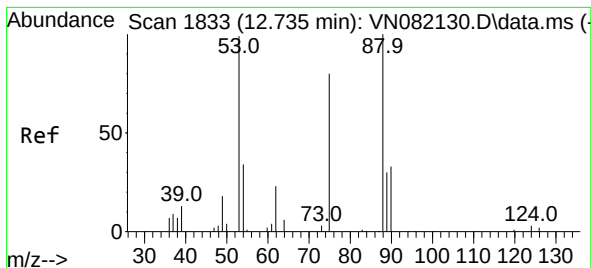
Reviewed By :John Carlone 05/31/2024
Supervised By :Mahesh Dadoda 05/31/2024



#80
1,3,5-Trimethylbenzene
Concen: 22.002 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.006 min
Lab File: VN082394.D
Acq: 30 May 2024 14:55

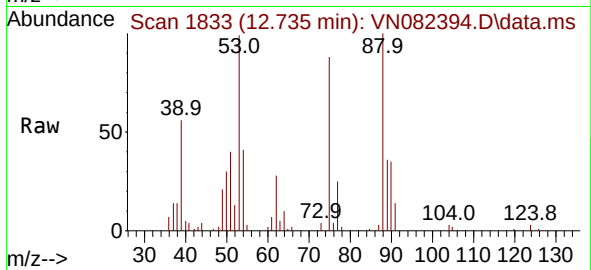
Tgt Ion:105 Resp: 186082
Ion Ratio Lower Upper
105 100
120 47.5 24.8 74.3





#81
trans-1,4-Dichloro-2-butene
Concen: 20.116 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN082394.D
Acq: 30 May 2024 14:55

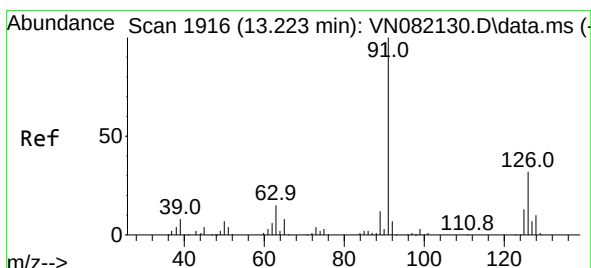
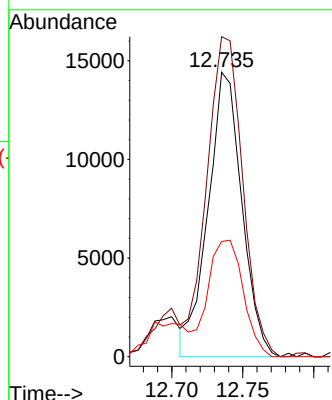
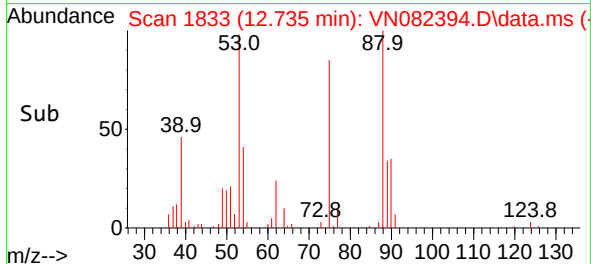
Instrument :
MSVOA_N
ClientSampleId :
VN0530WBSD01



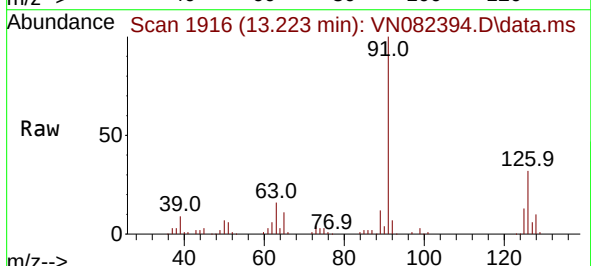
Tgt Ion: 75 Resp: 2383
Ion Ratio Lower Upper
75 100
53 120.2 72.9 109.3
89 43.2 39.1 58.7

Manual Integrations
APPROVED

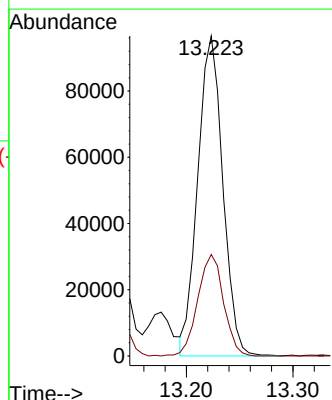
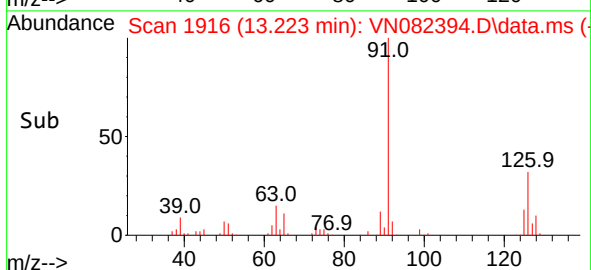
Reviewed By :John Carlone 05/31/2024
Supervised By :Mahesh Dadoda 05/31/2024

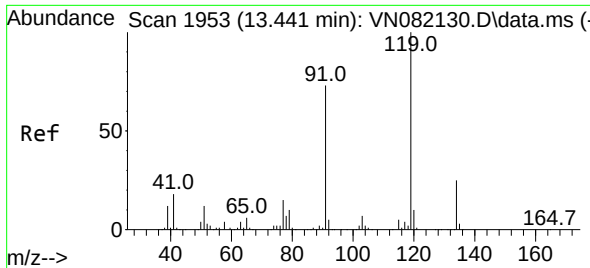


#82
4-Chlorotoluene
Concen: 20.796 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.000 min
Lab File: VN082394.D
Acq: 30 May 2024 14:55



Tgt Ion: 91 Resp: 158143
Ion Ratio Lower Upper
91 100
126 32.5 17.4 52.3





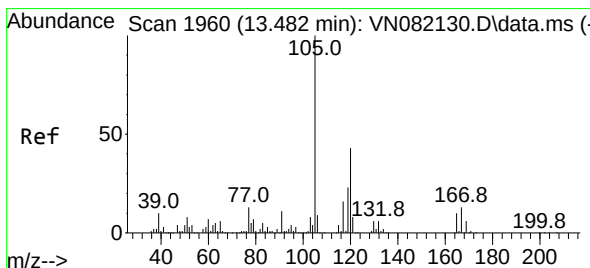
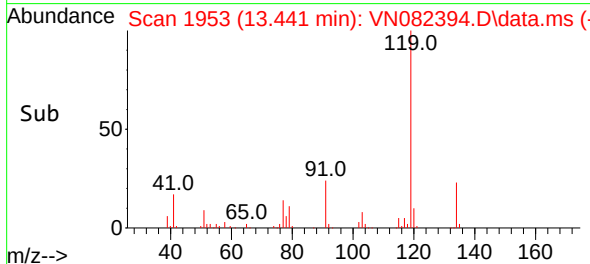
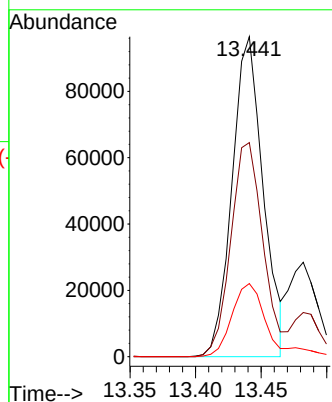
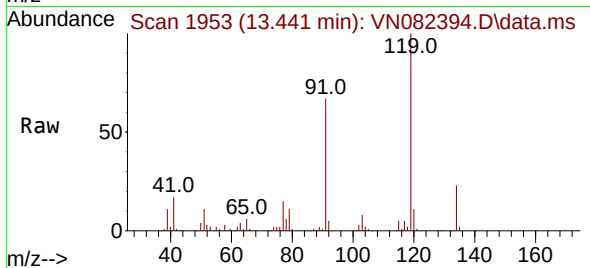
#83
tert-Butylbenzene
Concen: 21.519 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. -0.000 min
Lab File: VN082394.D
Acq: 30 May 2024 14:55

Instrument :
MSVOA_N
ClientSampleId :
VN0530WBSD01

Tgt Ion:119 Resp: 159223
Ion Ratio Lower Upper
119 100
91 70.4 32.6 97.8
134 25.8 12.4 37.0

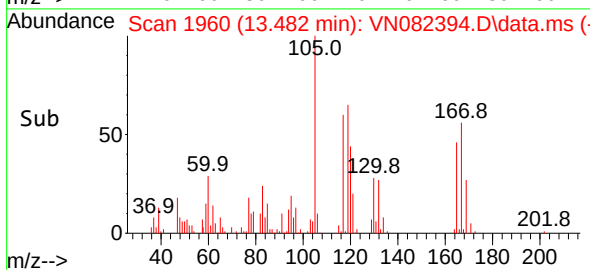
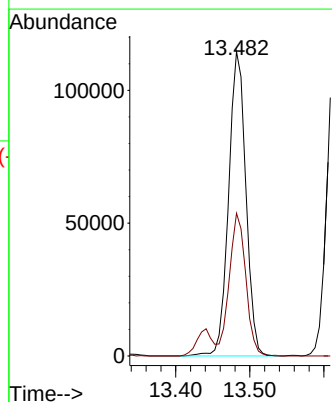
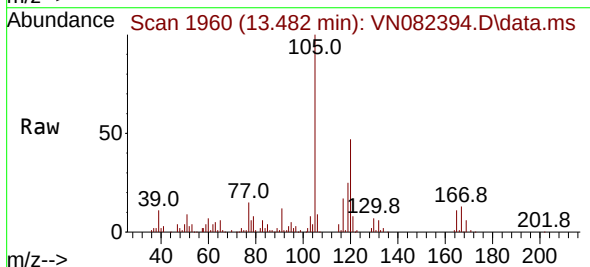
Manual Integrations
APPROVED

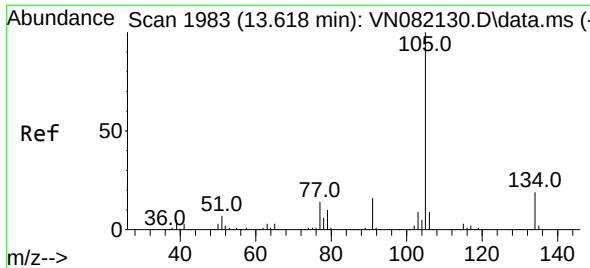
Reviewed By :John Carlone 05/31/2024
Supervised By :Mahesh Dadoda 05/31/2024



#84
1,2,4-Trimethylbenzene
Concen: 21.392 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.000 min
Lab File: VN082394.D
Acq: 30 May 2024 14:55

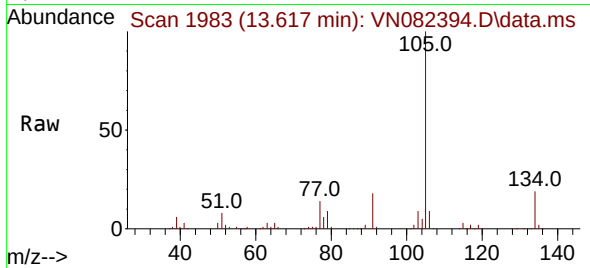
Tgt Ion:105 Resp: 185099
Ion Ratio Lower Upper
105 100
120 45.1 22.9 68.7





#85
 sec-Butylbenzene
 Concen: 21.305 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. -0.000 min
 Lab File: VN082394.D
 Acq: 30 May 2024 14:55

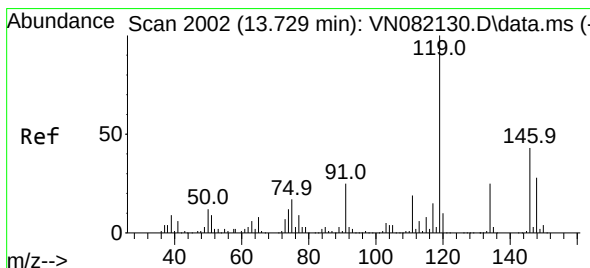
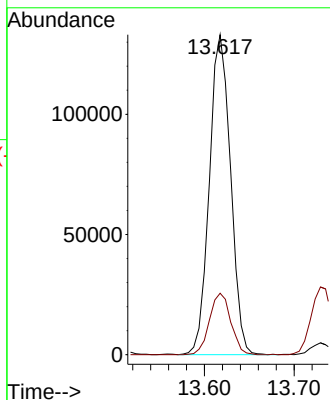
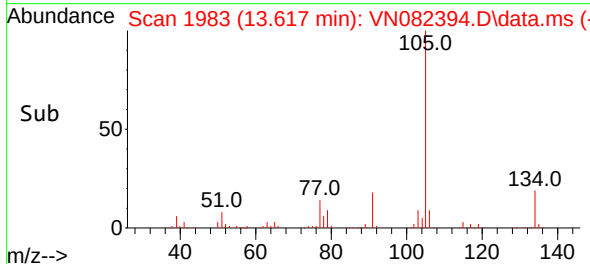
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0530WBSD01



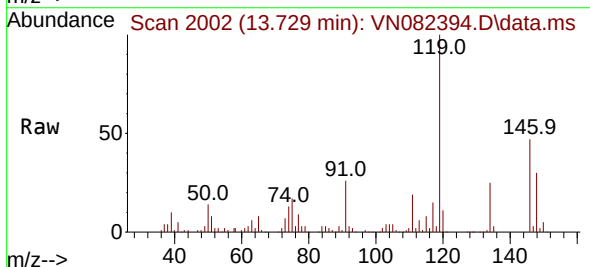
Tgt Ion:105 Resp: 218499
 Ion Ratio Lower Upper
 105 100
 134 19.3 10.2 30.4

Manual Integrations
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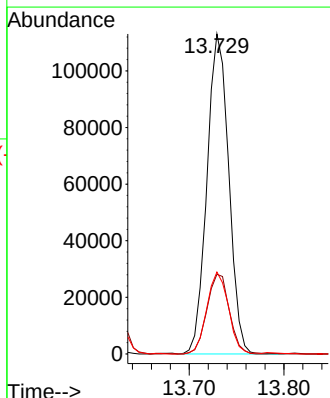
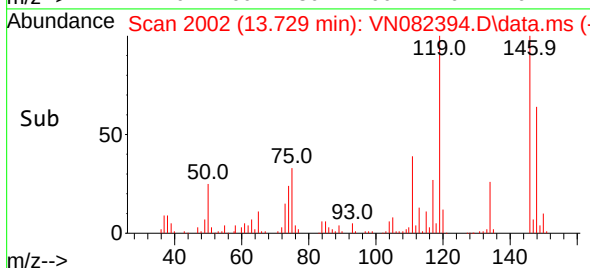
Reviewed By :John Carbone 05/31/2024
 Supervised By :Mahesh Dadoda 05/31/2024

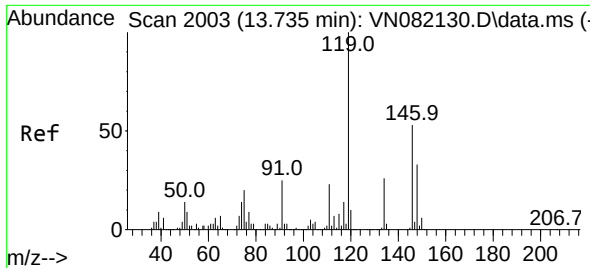


#86
 p-Isopropyltoluene
 Concen: 21.656 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.000 min
 Lab File: VN082394.D
 Acq: 30 May 2024 14:55



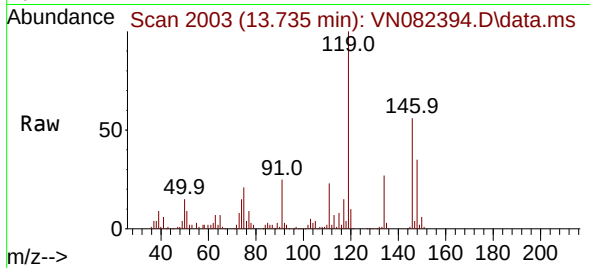
Tgt Ion:119 Resp: 180502
 Ion Ratio Lower Upper
 119 100
 134 25.5 13.2 39.5
 91 25.4 11.8 35.3





#87
1,3-Dichlorobenzene
Concen: 21.363 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. -0.000 min
Lab File: VN082394.D
Acq: 30 May 2024 14:55

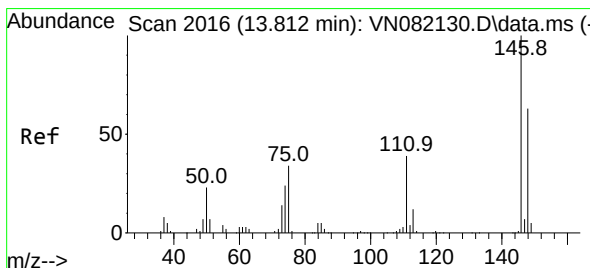
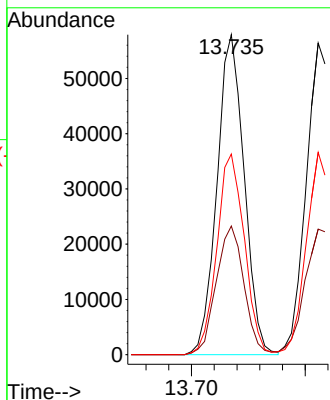
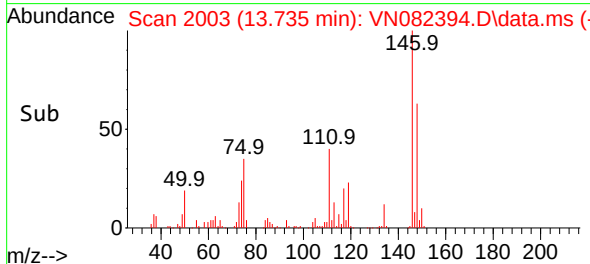
Instrument :
MSVOA_N
ClientSampleId :
VN0530WBSD01



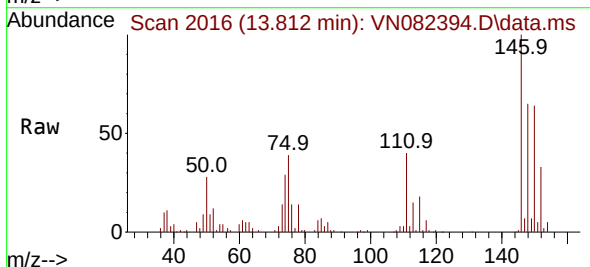
Tgt Ion:146 Resp: 9647
Ion Ratio Lower Upper
146 100
111 40.9 20.8 62.5
148 63.3 32.1 96.3

Manual Integrations
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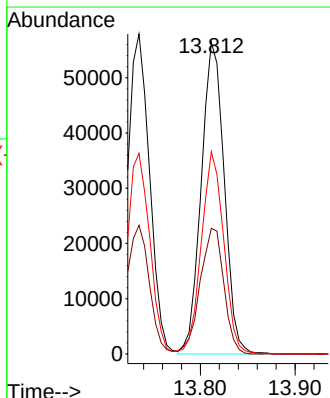
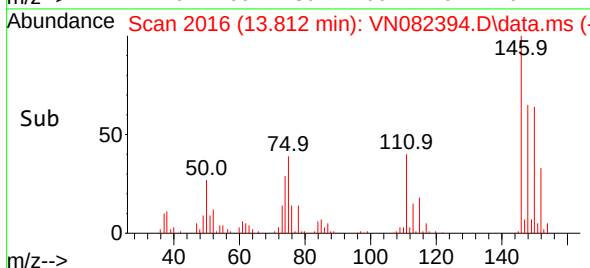
Reviewed By :John Carlone 05/31/2024
Supervised By :Mahesh Dadoda 05/31/2024

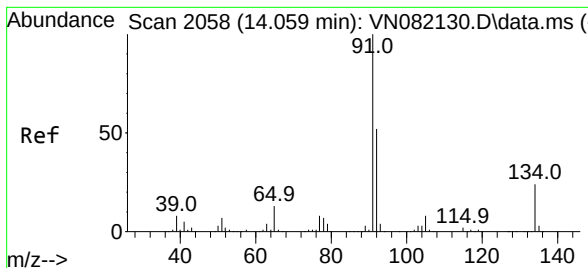


#88
1,4-Dichlorobenzene
Concen: 20.664 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN082394.D
Acq: 30 May 2024 14:55



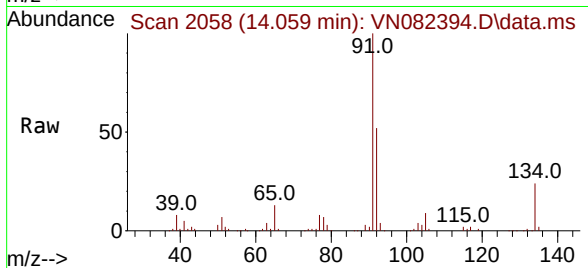
Tgt Ion:146 Resp: 95242
Ion Ratio Lower Upper
146 100
111 41.7 19.3 57.9
148 63.3 31.3 93.9





#89
n-Butylbenzene
Concen: 20.681 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. -0.000 min
Lab File: VN082394.D
Acq: 30 May 2024 14:55

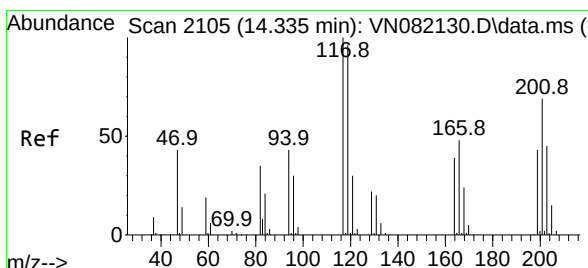
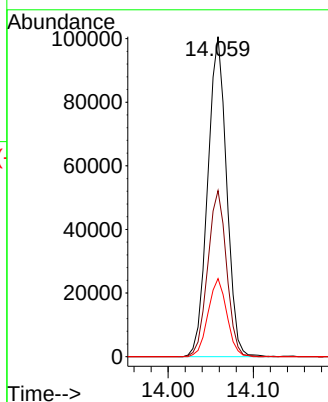
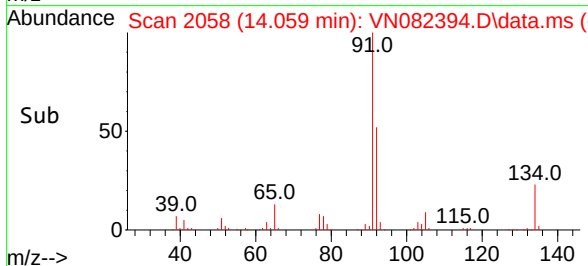
Instrument :
MSVOA_N
ClientSampleId :
VN0530WBSD01



Tgt Ion: 91 Resp: 15493
Ion Ratio Lower Upper
91 100
92 51.6 26.2 78.5
134 24.3 13.2 39.5

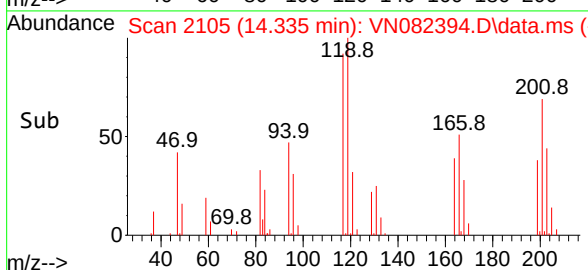
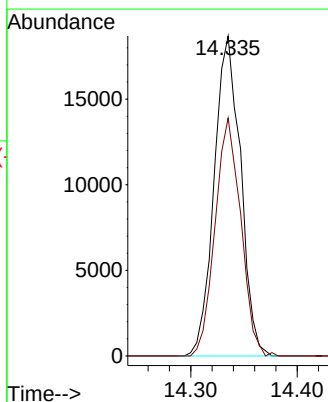
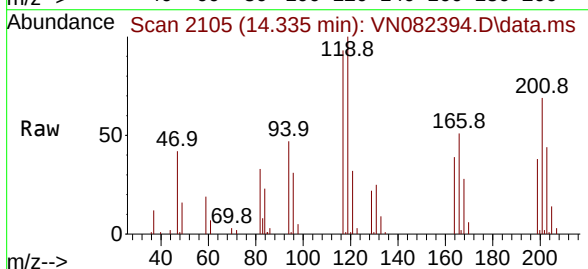
Manual Integrations
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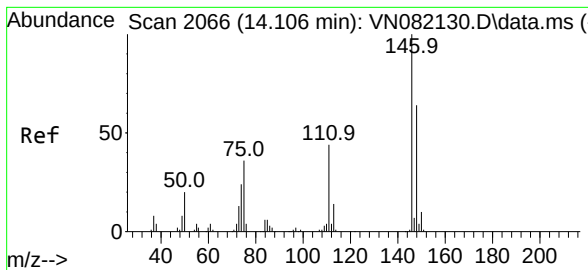
Reviewed By :John Carlone 05/31/2024
Supervised By :Mahesh Dadoda 05/31/2024



#90
Hexachloroethane
Concen: 20.823 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. -0.000 min
Lab File: VN082394.D
Acq: 30 May 2024 14:55

Tgt Ion:117 Resp: 32157
Ion Ratio Lower Upper
117 100
201 72.3 33.3 99.8





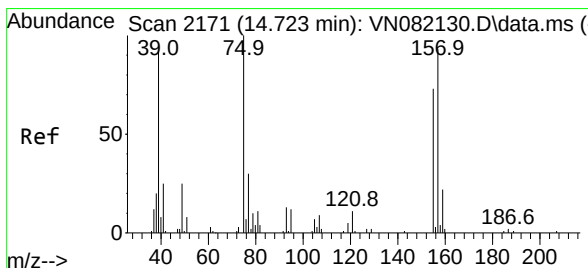
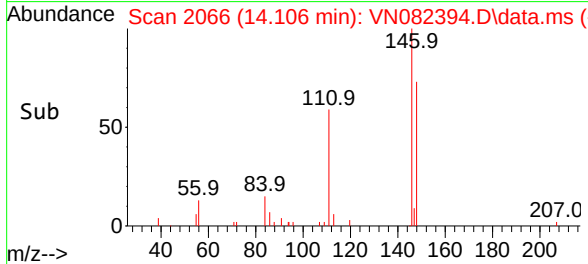
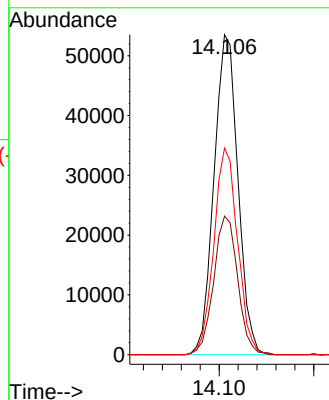
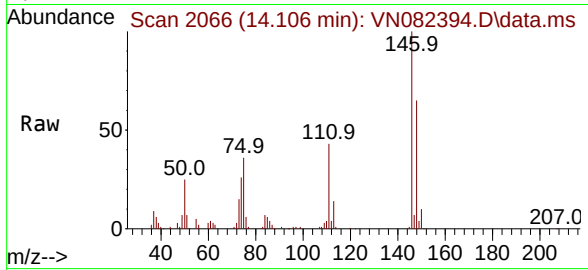
#91
1,2-Dichlorobenzene
Concen: 21.961 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN082394.D
Acq: 30 May 2024 14:55

Instrument :
MSVOA_N
ClientSampleId :
VN0530WBSD01

Tgt Ion	Ratio	Lower	Upper
146	100		
111	43.4	21.3	64.0
148	64.2	31.8	95.4

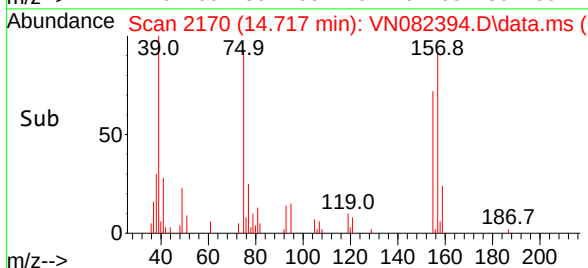
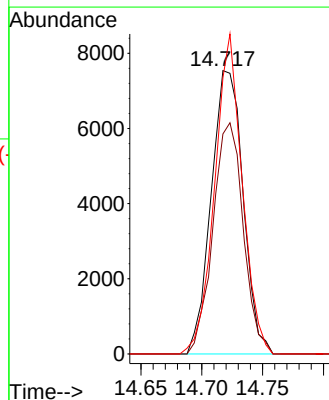
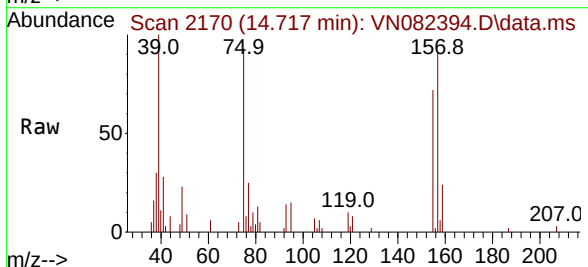
Manual Integrations
APPROVED

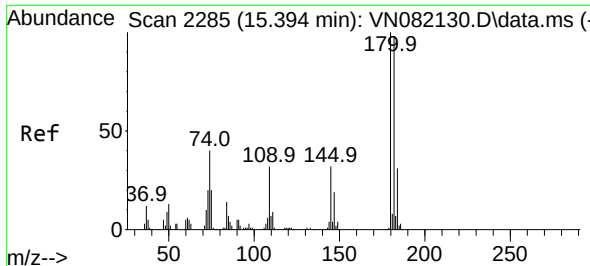
Reviewed By :John Carlone 05/31/2024
Supervised By :Mahesh Dadoda 05/31/2024



#92
1,2-Dibromo-3-Chloropropane
Concen: 22.186 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.006 min
Lab File: VN082394.D
Acq: 30 May 2024 14:55

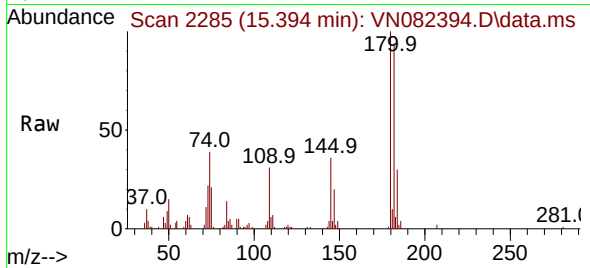
Tgt Ion	Ratio	Lower	Upper
75	100		
155	77.8	42.6	128.0
157	97.4	53.0	159.0





#93
1,2,4-Trichlorobenzene
Concen: 20.729 ug/l
RT: 15.394 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN082394.D
Acq: 30 May 2024 14:55

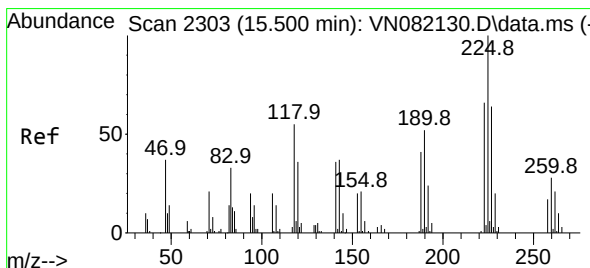
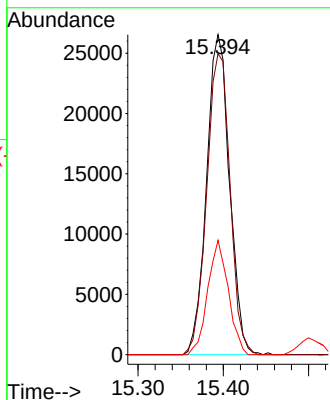
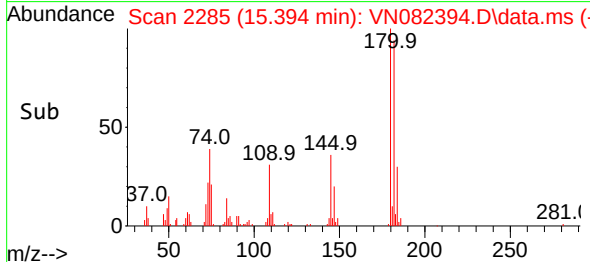
Instrument :
MSVOA_N
ClientSampleId :
VN0530WBSD01



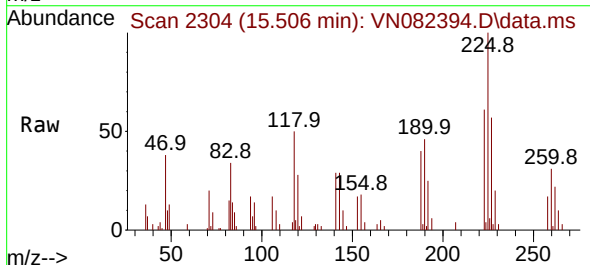
Tgt Ion:180 Resp: 49670
Ion Ratio Lower Upper
180 100
182 95.4 46.7 140.0
145 32.1 16.2 48.6

Manual Integrations
APPROVED

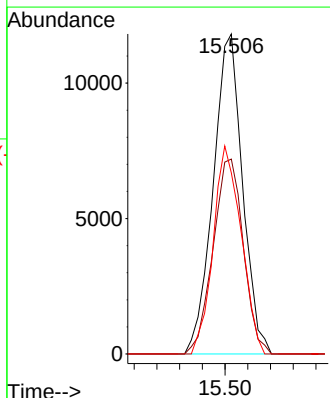
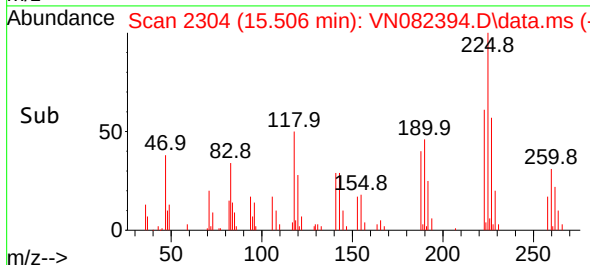
Reviewed By :John Carlone 05/31/2024
Supervised By :Mahesh Dadoda 05/31/2024

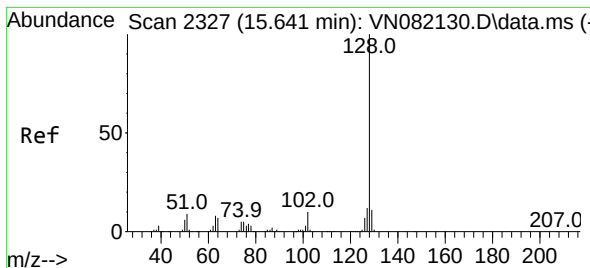


#94
Hexachlorobutadiene
Concen: 20.150 ug/l
RT: 15.506 min Scan# 2304
Delta R.T. 0.006 min
Lab File: VN082394.D
Acq: 30 May 2024 14:55



Tgt Ion:225 Resp: 21186
Ion Ratio Lower Upper
225 100
223 62.8 31.1 93.2
227 62.0 30.6 91.6





#95

Naphthalene

Concen: 21.847 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. -0.000 min

Lab File: VN082394.D

Acq: 30 May 2024 14:55

Instrument :

MSVOA_N

ClientSampleId :

VN0530WBSD01

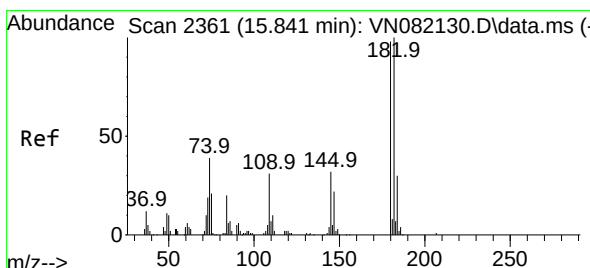
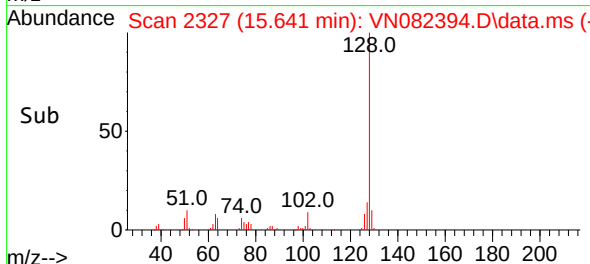
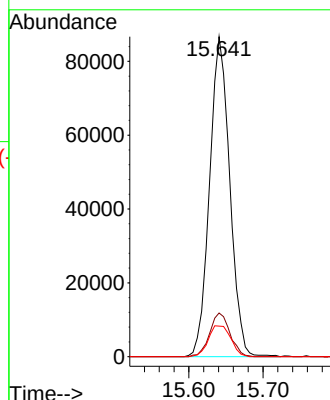
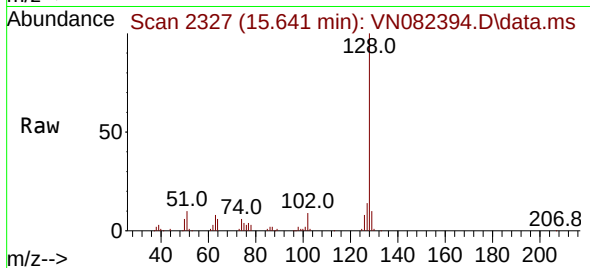
Tgt Ion:128	Resp: 16405
Ion Ratio	Lower Upper
128 100	
127 13.7	10.1 15.1
129 10.8	8.9 13.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/31/2024

Supervised By :Mahesh Dadoda 05/31/2024



#96

1,2,3-Trichlorobenzene

Concen: 21.003 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. -0.000 min

Lab File: VN082394.D

Acq: 30 May 2024 14:55

Tgt Ion:180	Resp: 50381
Ion Ratio	Lower Upper
180 100	
182 96.3	46.0 137.8
145 34.2	17.1 51.3

