

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071524\
 Data File : VN082919.D
 Acq On : 15 Jul 2024 15:49
 Operator : JC\MD
 Sample : VN0715WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0715WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/16/2024
 Supervised By : Mahesh Dadoda 07/16/2024

Quant Time: Jul 16 01:24:37 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070824W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 08 13:46:04 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	112064	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	188677	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	175344	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	83890	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	83842	53.372	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 106.740%			
35) Dibromofluoromethane	8.171	113	65384	54.005	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 108.020%			
50) Toluene-d8	10.571	98	230510	51.549	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.100%			
62) 4-Bromofluorobenzene	12.853	95	78360	48.784	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 97.560%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	29138	20.083	ug/l	96
3) Chloromethane	2.359	50	27981	20.336	ug/l	99
4) Vinyl Chloride	2.512	62	29725	20.570	ug/l	99
5) Bromomethane	2.948	94	19589	18.802	ug/l	93
6) Chloroethane	3.106	64	20396	20.626	ug/l	95
7) Trichlorofluoromethane	3.495	101	35604	17.131	ug/l	96
8) Diethyl Ether	3.959	74	12855	18.072	ug/l	84
9) 1,1,2-Trichlorotrifluo...	4.365	101	24500	20.828	ug/l	99
10) Methyl Iodide	4.589	142	20357	16.880	ug/l	99
11) Tert butyl alcohol	5.536	59	29573	111.927	ug/l	98
12) 1,1-Dichloroethene	4.336	96	22300	19.493	ug/l #	80
13) Acrolein	4.177	56	23271	121.992	ug/l	99
14) Allyl chloride	5.030	41	35634	19.978	ug/l	95
15) Acrylonitrile	5.718	53	70998	116.924	ug/l	98
16) Acetone	4.436	43	61807	111.751	ug/l	93
17) Carbon Disulfide	4.700	76	61422	17.968	ug/l	98
18) Methyl Acetate	5.036	43	37979	25.951	ug/l	93
19) Methyl tert-butyl Ether	5.800	73	80333	20.357	ug/l	99
20) Methylene Chloride	5.277	84	27435	20.540	ug/l #	84
21) trans-1,2-Dichloroethene	5.783	96	24143	19.477	ug/l	90
22) Diisopropyl ether	6.677	45	81750	21.907	ug/l #	91
23) Vinyl Acetate	6.606	43	330334	111.469	ug/l	99
24) 1,1-Dichloroethane	6.571	63	49043	21.666	ug/l	98
25) 2-Butanone	7.489	43	98854	118.372	ug/l	97
26) 2,2-Dichloropropane	7.494	77	41944	19.930	ug/l	97
27) cis-1,2-Dichloroethene	7.489	96	28815	19.856	ug/l	92
28) Bromochloromethane	7.818	49	25076	25.824	ug/l	90
29) Tetrahydrofuran	7.841	42	63911	121.561	ug/l	88
30) Chloroform	7.971	83	52142	21.714	ug/l	99
31) Cyclohexane	8.259	56	38739	18.862	ug/l	91
32) 1,1,1-Trichloroethane	8.177	97	45893	20.584	ug/l	93
36) 1,1-Dichloropropene	8.377	75	32909	19.715	ug/l	99
37) Ethyl Acetate	7.571	43	40766	23.988	ug/l	97
38) Carbon Tetrachloride	8.365	117	39237	19.523	ug/l	93
39) Methylcyclohexane	9.606	83	31259	17.337	ug/l	91
40) Benzene	8.606	78	106888	20.817	ug/l	97

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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	7.783	41	19753	21.575	ug/l #	89
42) 1,2-Dichloroethane	8.677	62	40400	21.856	ug/l	98
43) Isopropyl Acetate	8.688	43	70196	20.134	ug/l #	97
44) Trichloroethene	9.353	130	25116	19.093	ug/l	99
45) 1,2-Dichloropropane	9.624	63	26754	22.318	ug/l	93
46) Dibromomethane	9.712	93	19868	21.275	ug/l	97
47) Bromodichloromethane	9.888	83	42336	21.940	ug/l	100
48) Methyl methacrylate	9.688	41	29514	22.149	ug/l	92
49) 1,4-Dioxane	9.700	88	13224	450.583	ug/l	96
51) 4-Methyl-2-Pentanone	10.447	43	205858	122.187	ug/l	95
52) Toluene	10.635	92	67862	21.158	ug/l	97
53) t-1,3-Dichloropropene	10.841	75	41505	20.879	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	43613	20.728	ug/l	93
55) 1,1,2-Trichloroethane	11.018	97	26779	22.705	ug/l	98
56) Ethyl methacrylate	10.877	69	39266	21.399	ug/l	91
57) 1,3-Dichloropropane	11.165	76	45205	21.653	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	112571	119.557	ug/l	95
59) 2-Hexanone	11.200	43	155616	124.234	ug/l	95
60) Dibromochloromethane	11.365	129	32897	21.899	ug/l	96
61) 1,2-Dibromoethane	11.477	107	26935	21.505	ug/l	96
64) Tetrachloroethene	11.106	164	24728	18.902	ug/l	96
65) Chlorobenzene	11.894	112	72540	19.306	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.965	131	27920	20.891	ug/l	98
67) Ethyl Benzene	11.965	91	116636	18.470	ug/l	100
68) m/p-Xylenes	12.076	106	90608	38.004	ug/l	100
69) o-Xylene	12.400	106	43070	18.854	ug/l	98
70) Styrene	12.418	104	74378	19.705	ug/l	98
71) Bromoform	12.582	173	22097	21.024	ug/l #	100
73) Isopropylbenzene	12.700	105	105804	17.357	ug/l	98
74) N-amyl acetate	12.494	43	52282	20.735	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.941	83	39492	21.632	ug/l	97
76) 1,2,3-Trichloropropane	12.994	75	37790m	26.129	ug/l	
77) Bromobenzene	12.982	156	28974	18.424	ug/l	100
78) n-propylbenzene	13.041	91	127740	18.226	ug/l	98
79) 2-Chlorotoluene	13.129	91	82743	18.528	ug/l	100
80) 1,3,5-Trimethylbenzene	13.176	105	89855	18.236	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.741	75	15568	21.170	ug/l	93
82) 4-Chlorotoluene	13.223	91	82881	18.751	ug/l	98
83) tert-Butylbenzene	13.441	119	74021	16.945	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	91288	18.177	ug/l	100
85) sec-Butylbenzene	13.618	105	104016	17.620	ug/l	98
86) p-Isopropyltoluene	13.729	119	84919	17.242	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	53110	18.695	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	53371	18.166	ug/l	99
89) n-Butylbenzene	14.059	91	70622	16.737	ug/l	99
90) Hexachloroethane	14.335	117	19051	18.281	ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	52035	18.865	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	8270	19.580	ug/l	90
93) 1,2,4-Trichlorobenzene	15.394	180	24867	16.737	ug/l	99
94) Hexachlorobutadiene	15.506	225	10478	15.908	ug/l	97
95) Naphthalene	15.647	128	86120	16.923	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	27158	17.777	ug/l	96

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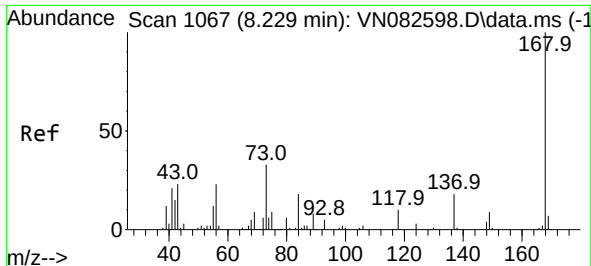
Manual Integrations
APPROVED

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Quant Title : SW846 8260
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Response via : Initial Calibration

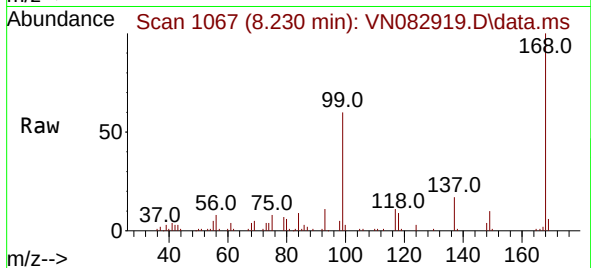
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. 0.001 min
Lab File: VN082919.D
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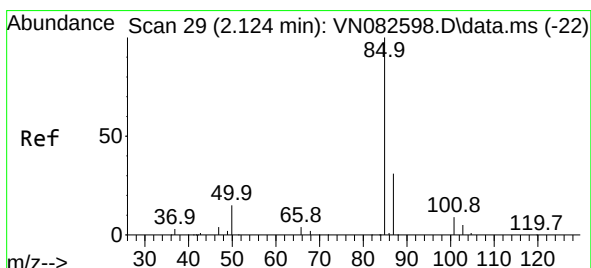
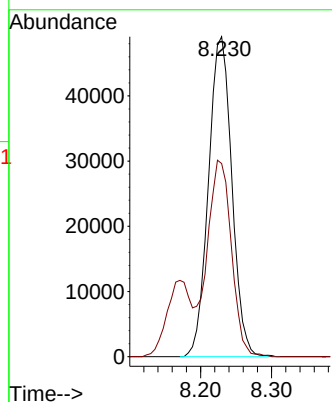
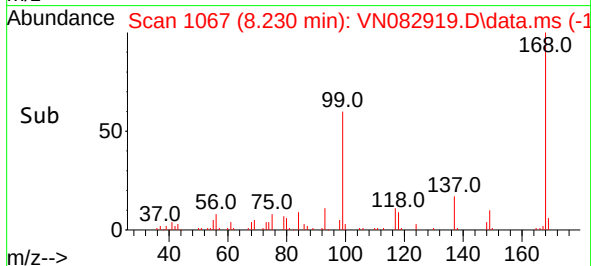
Instrument :
MSVOA_N
ClientSampleId :
VN0715WBSD01



Tgt Ion:168 Resp: 112064
Ion Ratio Lower Upper
168 100
99 60.3 48.2 72.4

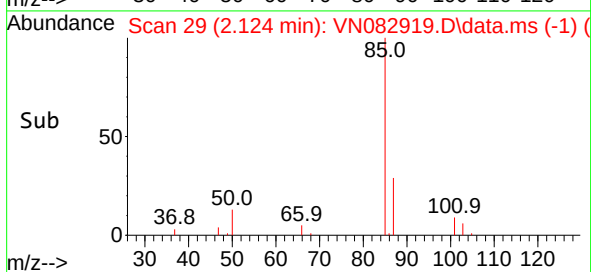
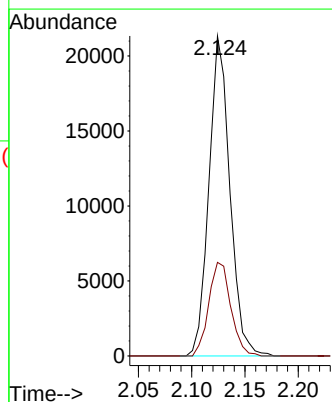
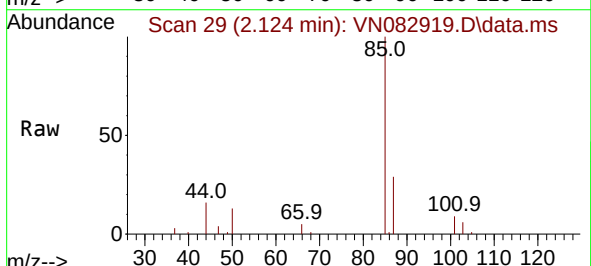
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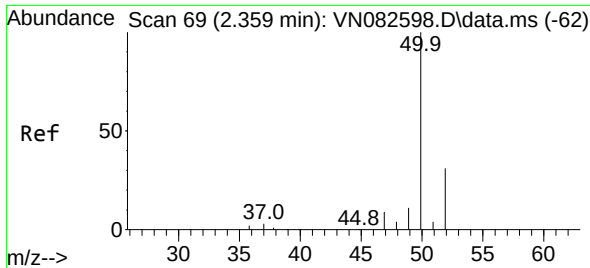
Reviewed By :John Carlone 07/16/2024
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#2
Dichlorodifluoromethane
Concen: 20.083 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN082919.D
Acq: 15 Jul 2024 15:49

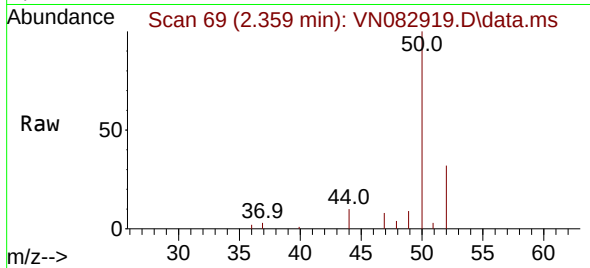
Tgt Ion: 85 Resp: 29138
Ion Ratio Lower Upper
85 100
87 29.3 15.7 47.0





#3
Chloromethane
Concen: 20.336 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN082919.D
Acq: 15 Jul 2024 15:49

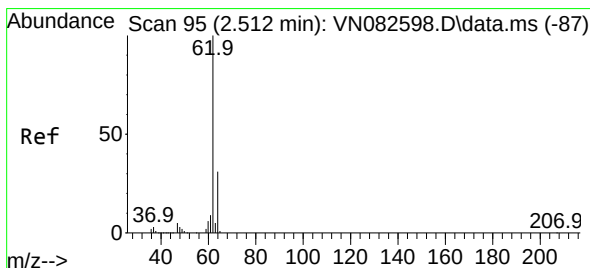
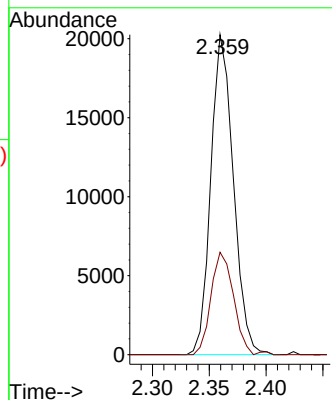
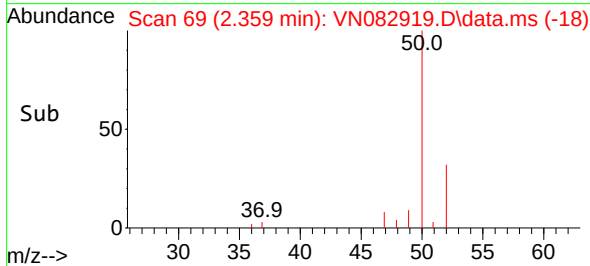
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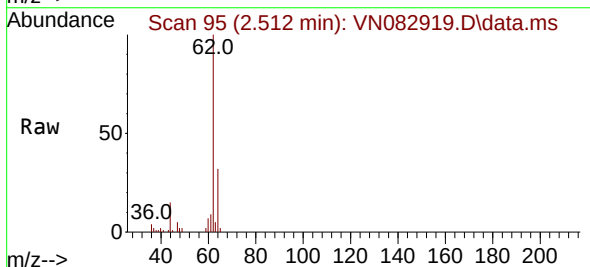
Tgt Ion: 50 Resp: 2798
Ion Ratio Lower Upper
50 100
52 32.0 25.0 37.4

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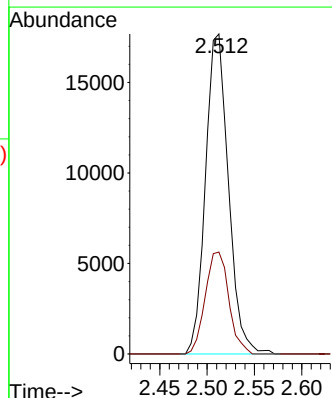
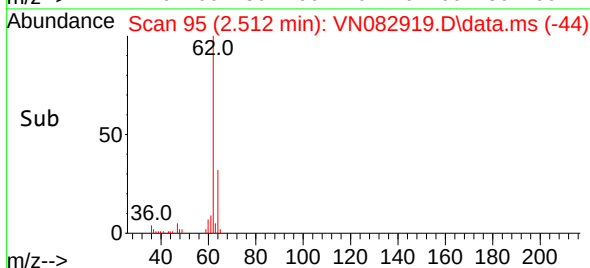
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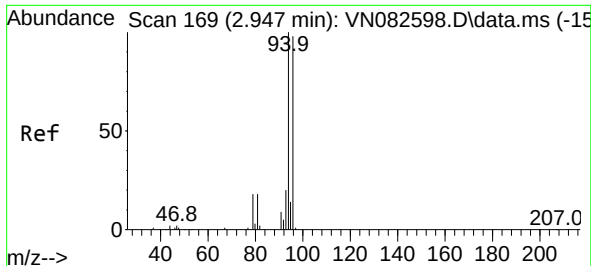


#4
Vinyl Chloride
Concen: 20.570 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN082919.D
Acq: 15 Jul 2024 15:49



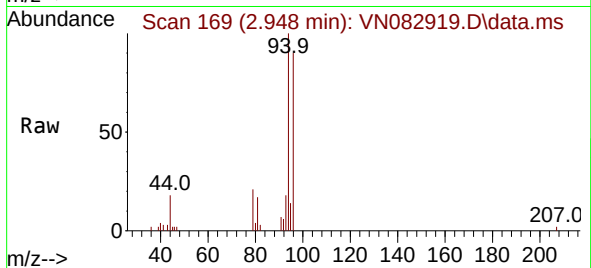
Tgt Ion: 62 Resp: 29725
Ion Ratio Lower Upper
62 100
64 31.8 25.0 37.6





#5
Bromomethane
Concen: 18.802 ug/l
RT: 2.948 min Scan# 10
Delta R.T. 0.001 min
Lab File: VN082919.D
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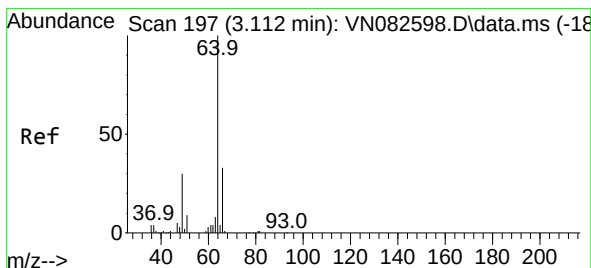
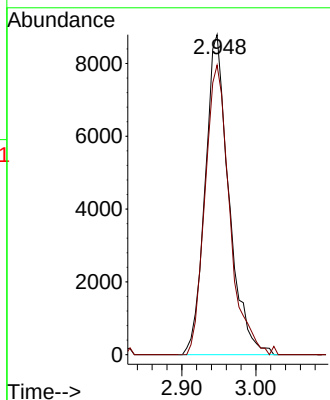
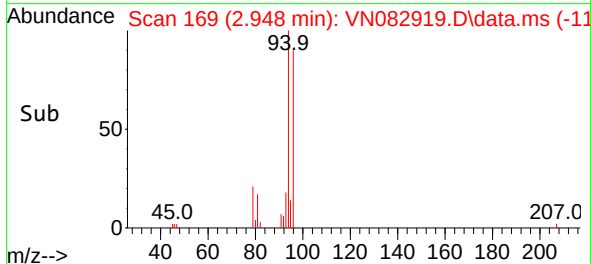
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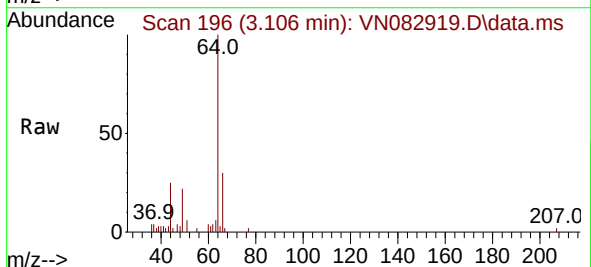
Tgt Ion: 94 Resp: 19589
Ion Ratio Lower Upper
94 100
96 90.5 78.0 117.0

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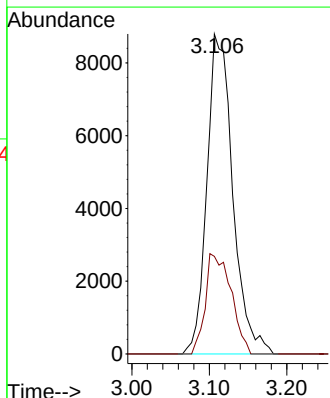
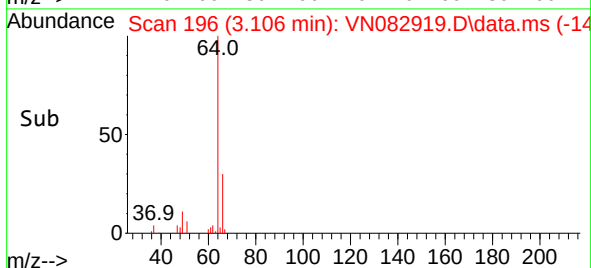
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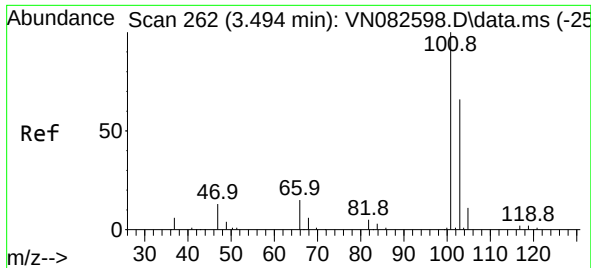


#6
Chloroethane
Concen: 20.626 ug/l
RT: 3.106 min Scan# 196
Delta R.T. -0.006 min
Lab File: VN082919.D
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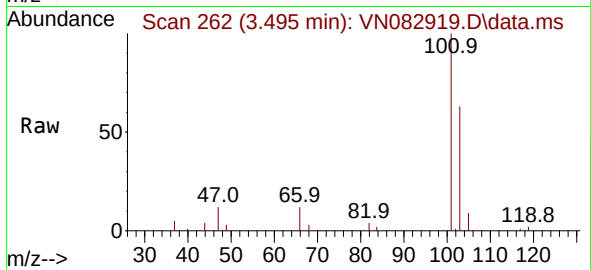
Tgt Ion: 64 Resp: 20396
Ion Ratio Lower Upper
64 100
66 30.5 26.6 40.0





#7
Trichlorofluoromethane
Concen: 17.131 ug/l
RT: 3.495 min Scan# 210
Delta R.T. 0.001 min
Lab File: VN082919.D
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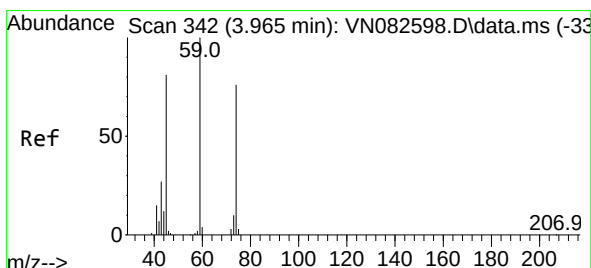
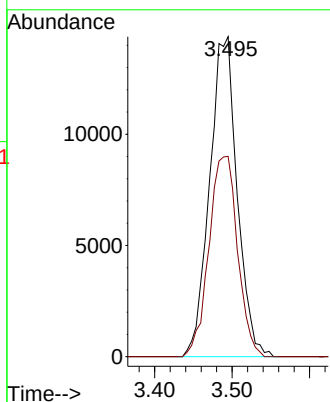
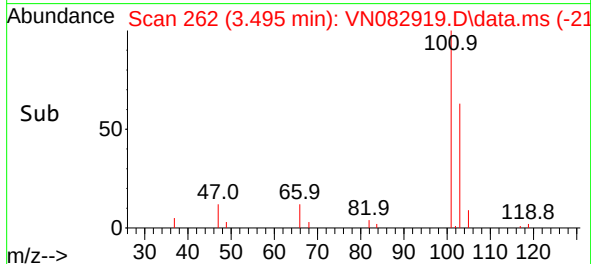
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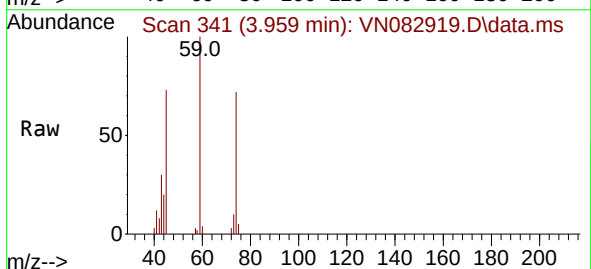
Tgt Ion:101 Resp: 35604
Ion Ratio Lower Upper
101 100
103 62.6 52.7 79.1

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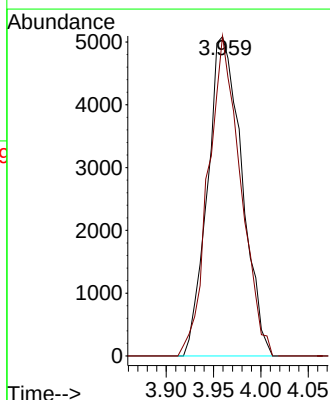
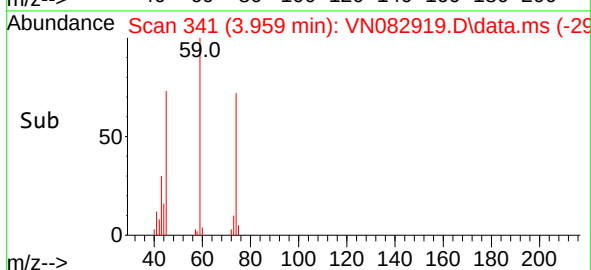
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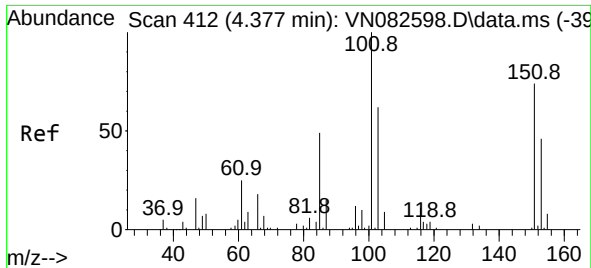


#8
Diethyl Ether
Concen: 18.072 ug/l
RT: 3.959 min Scan# 341
Delta R.T. -0.006 min
Lab File: VN082919.D
Acq: 15 Jul 2024 15:49



Tgt Ion: 74 Resp: 12855
Ion Ratio Lower Upper
74 100
45 94.0 55.5 166.3





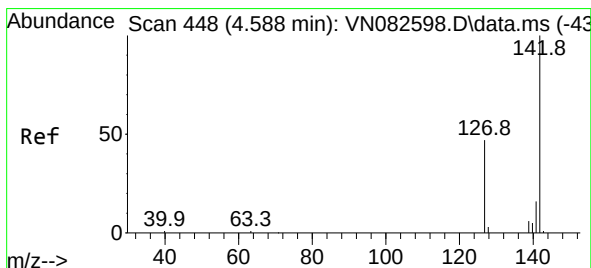
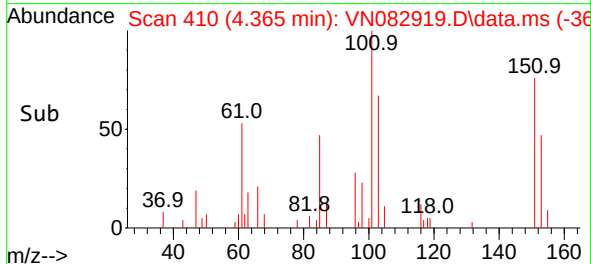
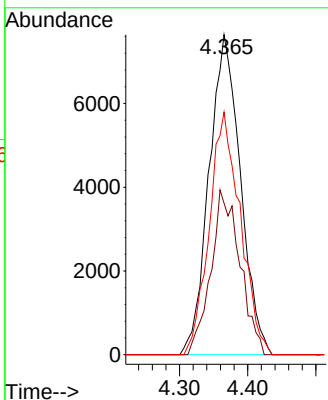
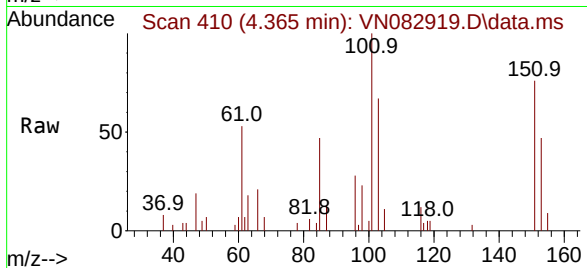
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.828 ug/l
RT: 4.365 min Scan# 412
Delta R.T. -0.012 min
Lab File: VN082919.D
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MSVOA_N
ClientSampleId :
VN0715WBSD01

Tgt Ion:101 Resp: 24500
Ion Ratio Lower Upper
101 100
85 47.8 38.3 57.5
151 75.0 59.3 88.9

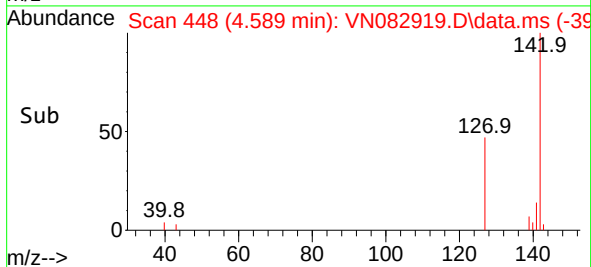
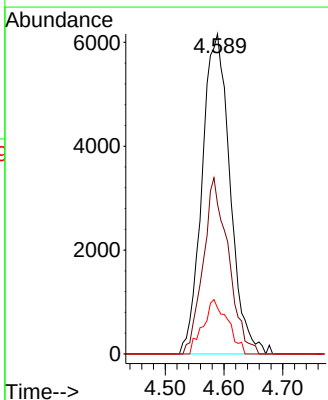
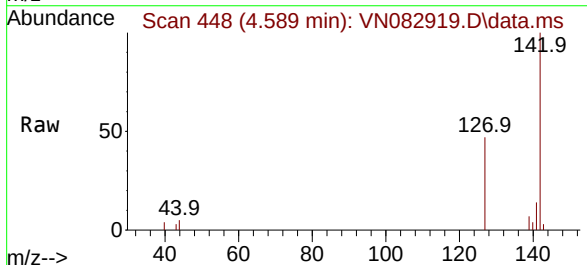
Manual Integrations
APPROVED

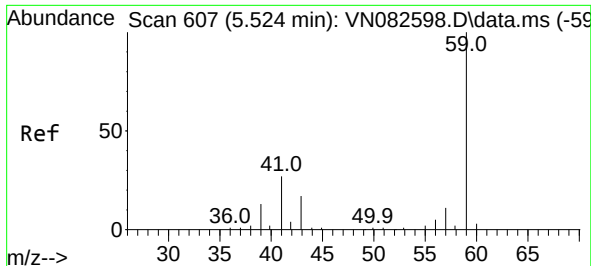
Reviewed By :John Carlone 07/16/2024
Supervised By :Mahesh Dadoda 07/16/2024



#10
Methyl Iodide
Concen: 16.880 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.001 min
Lab File: VN082919.D
Acq: 15 Jul 2024 15:49

Tgt Ion:142 Resp: 20357
Ion Ratio Lower Upper
142 100
127 46.9 37.5 56.3
141 14.4 13.1 19.7





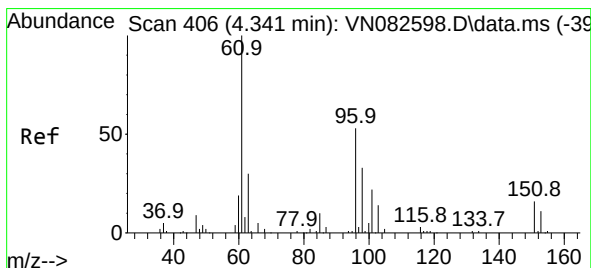
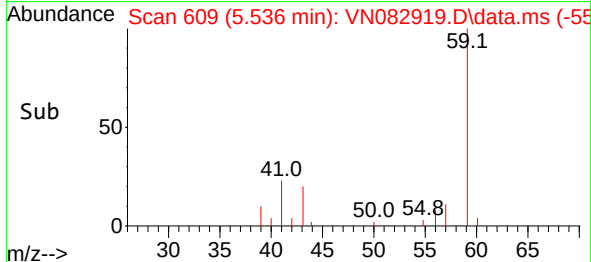
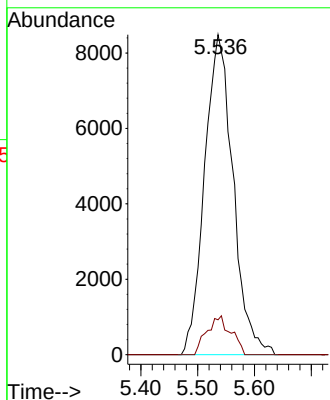
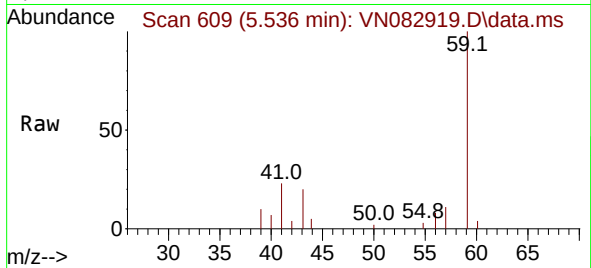
#11
Tert butyl alcohol
Concen: 111.927 ug/l
RT: 5.536 min Scan# 607
Delta R.T. 0.012 min
Lab File: VN082919.D
Acq: 15 Jul 2024 15:49

Instrument :
MSVOA_N
ClientSampleId :
VN0715WBSD01

Tgt Ion: 59 Resp: 2957
Ion Ratio Lower Upper
59 100
57 10.2 8.9 13.3

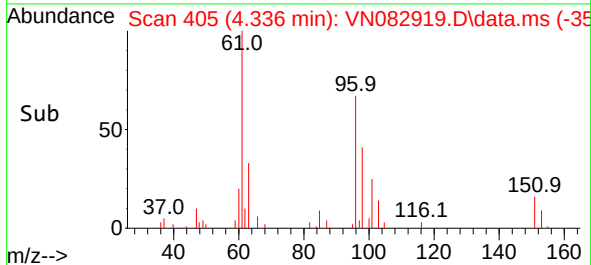
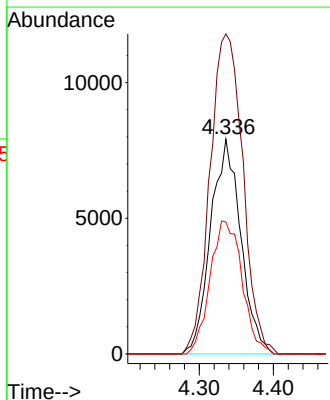
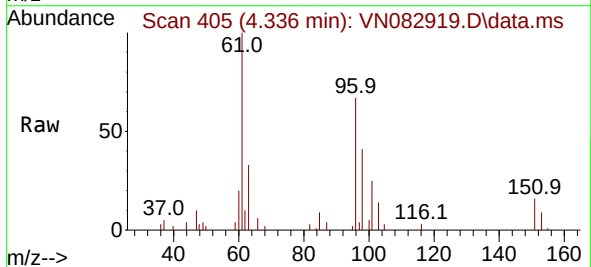
Manual Integrations
APPROVED

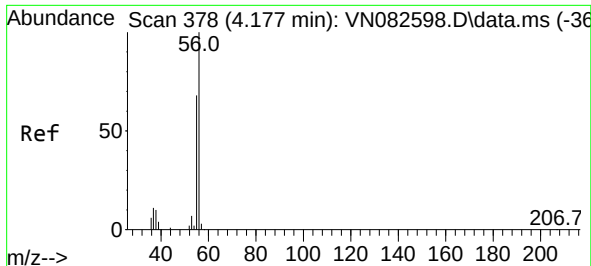
Reviewed By :John Carlone 07/16/2024
Supervised By :Mahesh Dadoda 07/16/2024



#12
1,1-Dichloroethene
Concen: 19.493 ug/l
RT: 4.336 min Scan# 405
Delta R.T. -0.005 min
Lab File: VN082919.D
Acq: 15 Jul 2024 15:49

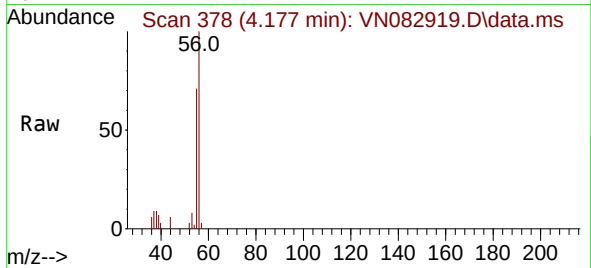
Tgt Ion: 96 Resp: 22300
Ion Ratio Lower Upper
96 100
61 149.0 149.7 224.5#
98 61.5 50.1 75.1





#13
Acrolein
Concen: 121.992 ug/l
RT: 4.177 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN082919.D
Acq: 15 Jul 2024 15:49

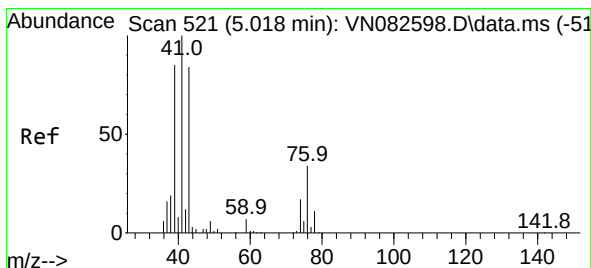
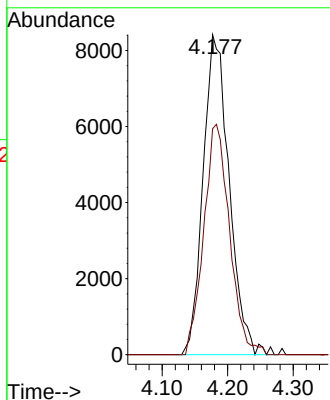
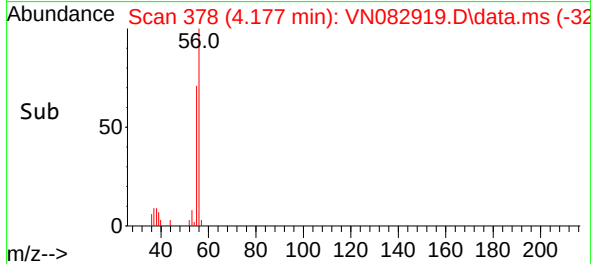
Instrument :
MSVOA_N
ClientSampleId :
VN0715WBSD01



Tgt Ion: 56 Resp: 2327
Ion Ratio Lower Upper
56 100
55 71.5 56.4 84.6

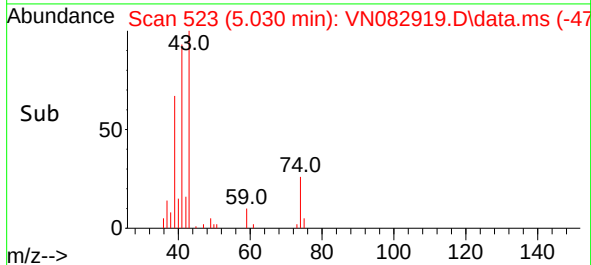
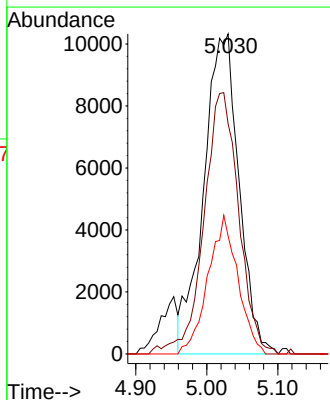
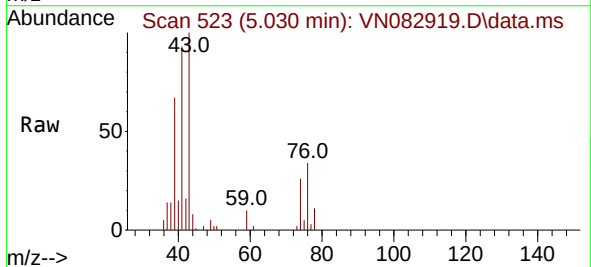
Manual Integrations
APPROVED

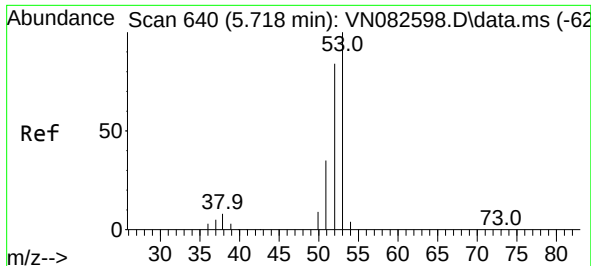
Reviewed By :John Carlone 07/16/2024
Supervised By :Mahesh Dadoda 07/16/2024



#14
Allyl chloride
Concen: 19.978 ug/l
RT: 5.030 min Scan# 523
Delta R.T. 0.012 min
Lab File: VN082919.D
Acq: 15 Jul 2024 15:49

Tgt Ion: 41 Resp: 35634
Ion Ratio Lower Upper
41 100
39 80.4 67.8 101.6
76 36.5 25.8 38.8





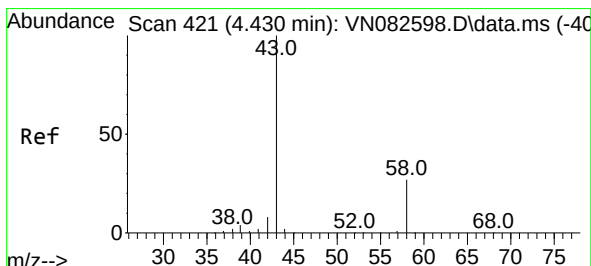
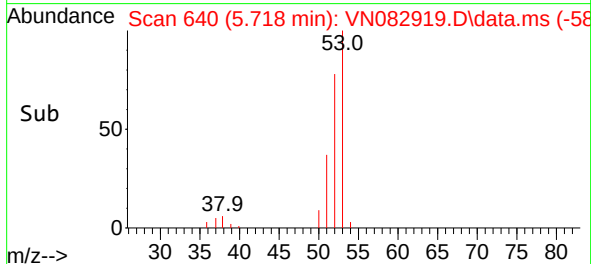
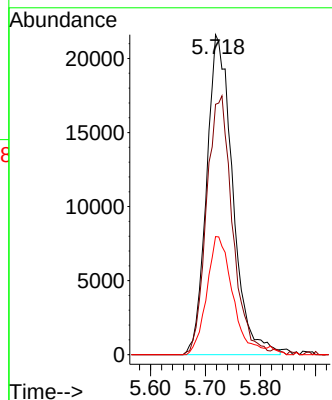
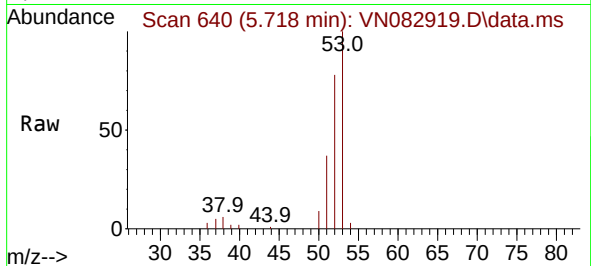
#15
Acrylonitrile
Concen: 116.924 ug/l
RT: 5.718 min Scan# 640
Delta R.T. 0.000 min
Lab File: VN082919.D
Acq: 15 Jul 2024 15:49

Instrument :
MSVOA_N
ClientSampleId :
VN0715WBSD01

Tgt Ion: 53 Resp: 70998
Ion Ratio Lower Upper
53 100
52 80.6 66.6 100.0
51 36.8 30.1 45.1

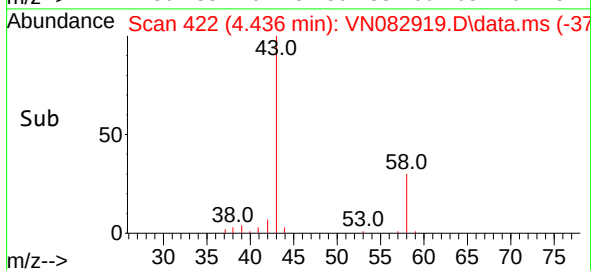
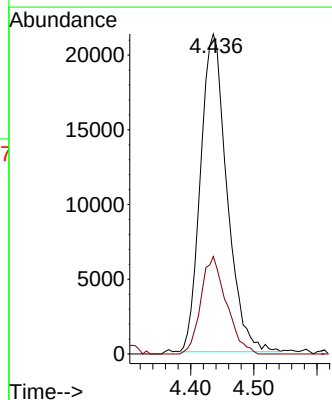
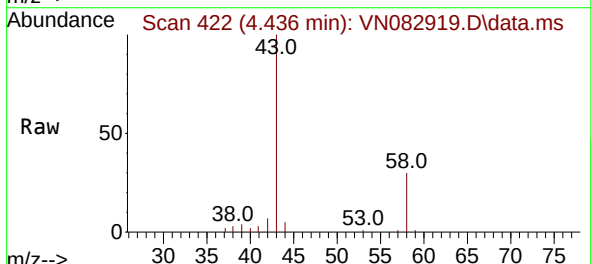
Manual Integrations
APPROVED

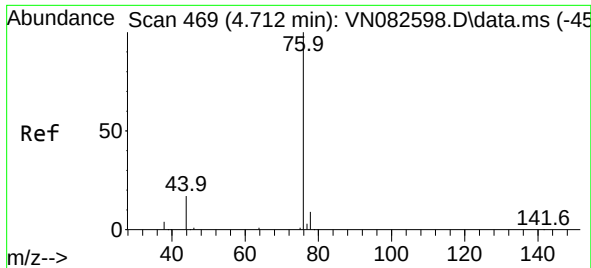
Reviewed By :John Carlone 07/16/2024
Supervised By :Mahesh Dadoda 07/16/2024



#16
Acetone
Concen: 111.751 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.006 min
Lab File: VN082919.D
Acq: 15 Jul 2024 15:49

Tgt Ion: 43 Resp: 61807
Ion Ratio Lower Upper
43 100
58 30.7 21.8 32.6





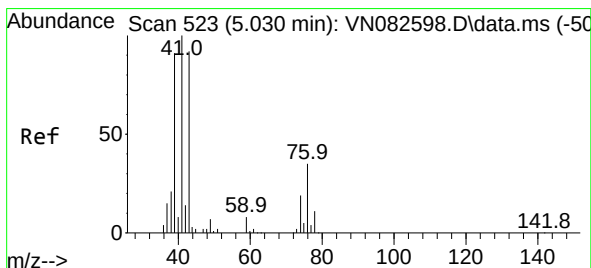
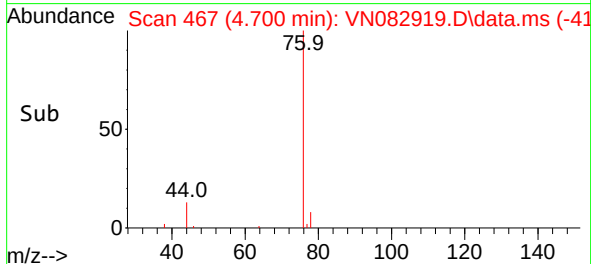
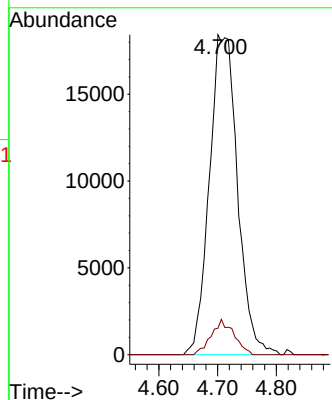
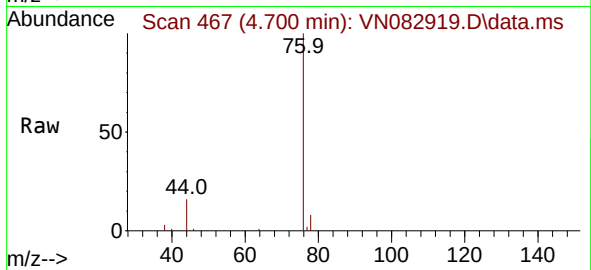
#17
Carbon Disulfide
Concen: 17.968 ug/l
RT: 4.700 min Scan# 467
Delta R.T. -0.011 min
Lab File: VN082919.D
Acq: 15 Jul 2024 15:49

Instrument :
MSVOA_N
ClientSampleId :
VN0715WBSD01

Tgt Ion: 76 Resp: 6142
Ion Ratio Lower Upper
76 100
78 8.2 7.2 10.8

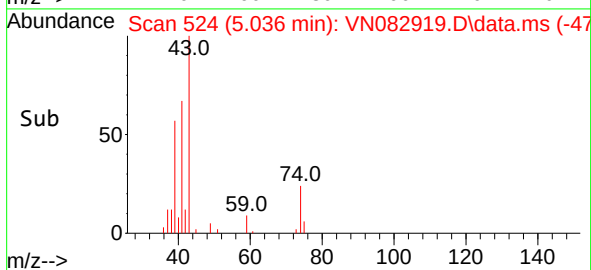
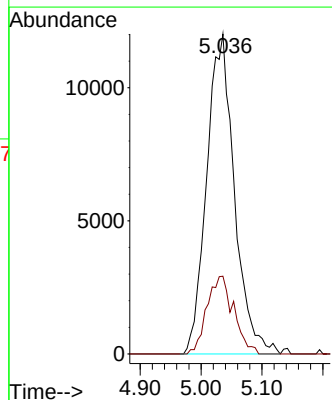
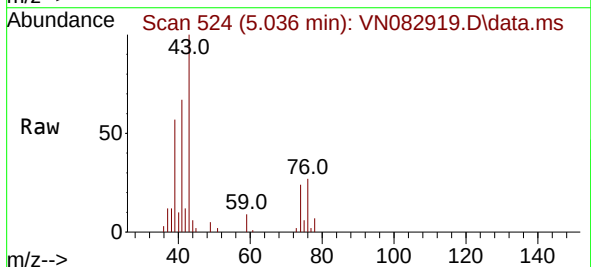
Manual Integrations
APPROVED

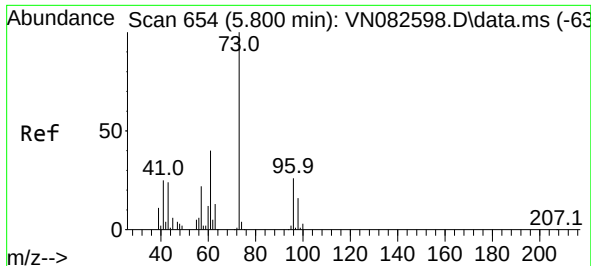
Reviewed By :John Carlone 07/16/2024
Supervised By :Mahesh Dadoda 07/16/2024



#18
Methyl Acetate
Concen: 25.951 ug/l
RT: 5.036 min Scan# 524
Delta R.T. 0.006 min
Lab File: VN082919.D
Acq: 15 Jul 2024 15:49

Tgt Ion: 43 Resp: 37979
Ion Ratio Lower Upper
43 100
74 23.5 16.3 24.5





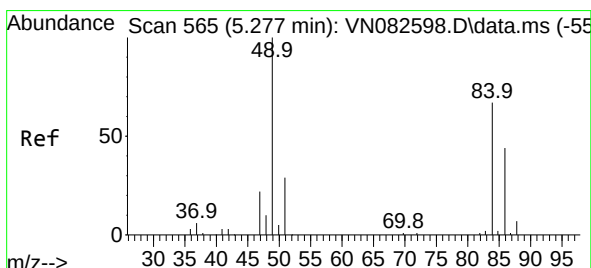
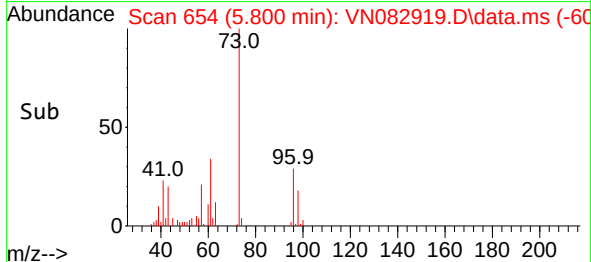
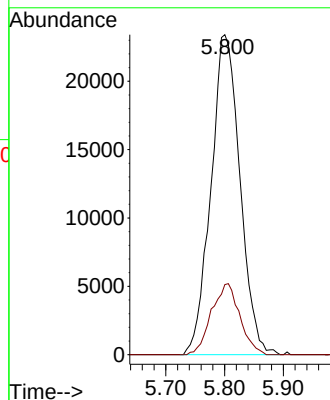
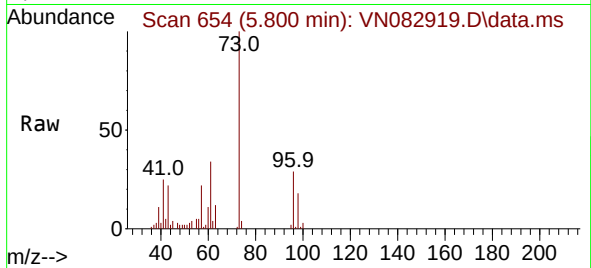
#19
Methyl tert-butyl Ether
Concen: 20.357 ug/l
RT: 5.800 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN082919.D
Acq: 15 Jul 2024 15:49

Instrument :
MSVOA_N
ClientSampleId :
VN0715WBSD01

Tgt Ion: 73 Resp: 8033
Ion Ratio Lower Upper
73 100
57 21.9 17.9 26.9

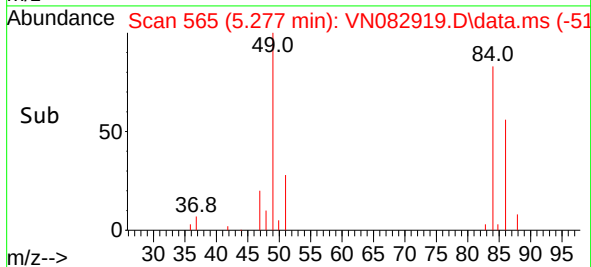
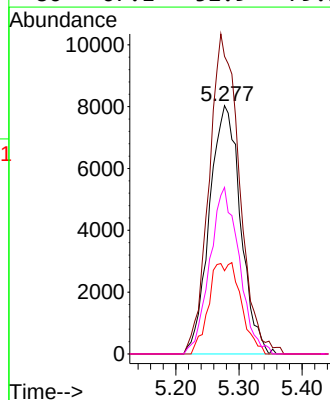
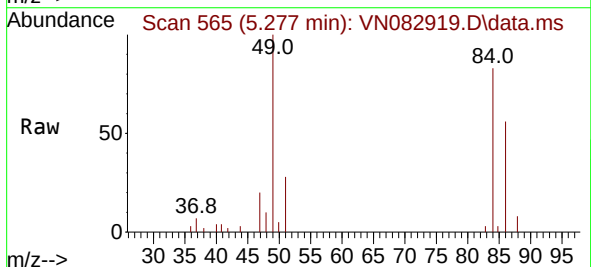
Manual Integrations
APPROVED

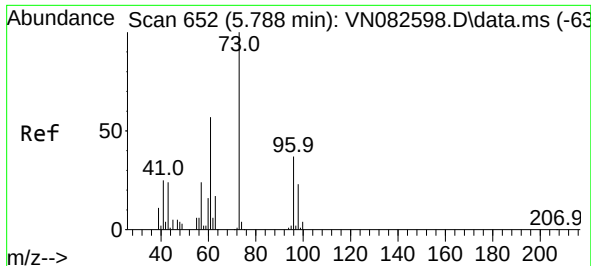
Reviewed By :John Carlone 07/16/2024
Supervised By :Mahesh Dadoda 07/16/2024



#20
Methylene Chloride
Concen: 20.540 ug/l
RT: 5.277 min Scan# 565
Delta R.T. -0.000 min
Lab File: VN082919.D
Acq: 15 Jul 2024 15:49

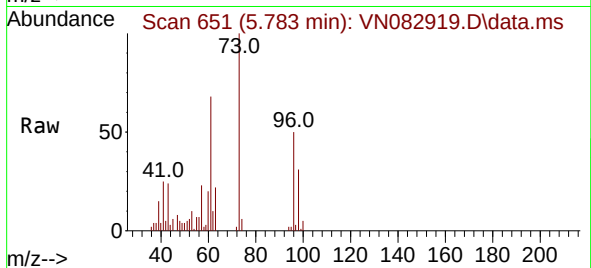
Tgt Ion: 84 Resp: 27435
Ion Ratio Lower Upper
84 100
49 119.8 119.6 179.4
51 33.5 34.8 52.2#
86 67.1 52.9 79.3





#21
trans-1,2-Dichloroethene
Concen: 19.477 ug/l
RT: 5.783 min Scan# 613
Delta R.T. -0.005 min
Lab File: VN082919.D
Acq: 15 Jul 2024 15:49

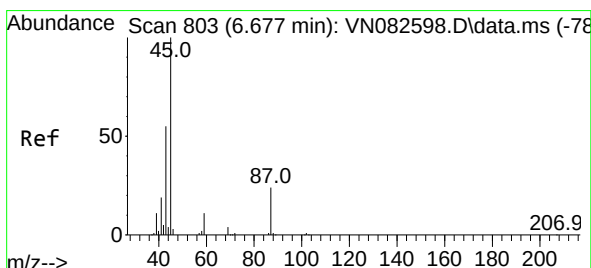
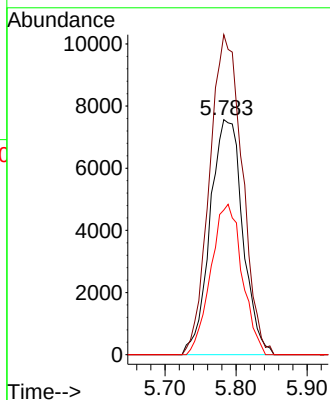
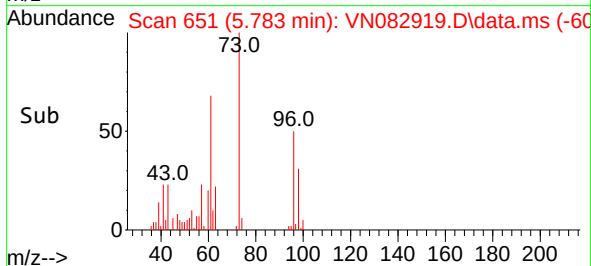
Instrument :
MSVOA_N
ClientSampleId :
VN0715WBSD01



Tgt Ion: 96 Resp: 2414
Ion Ratio Lower Upper
96 100
61 136.2 123.4 185.2
98 61.6 49.3 73.9

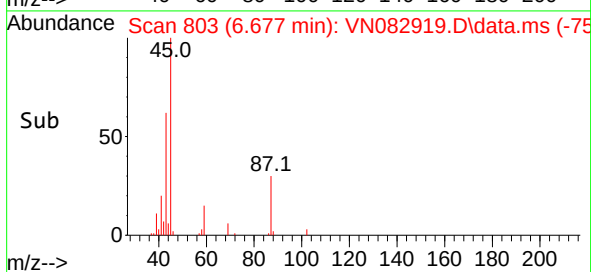
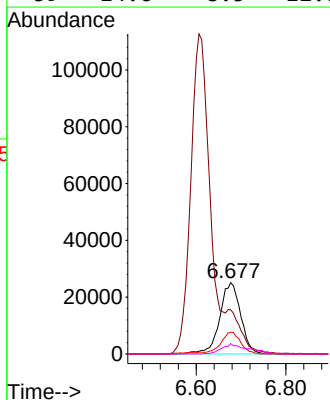
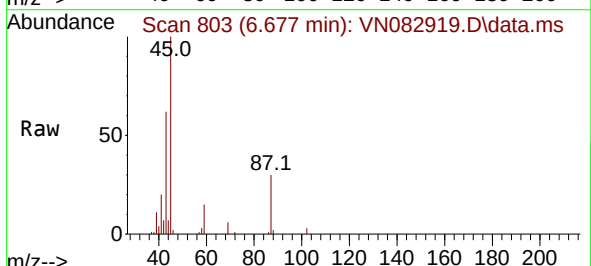
Manual Integrations
APPROVED

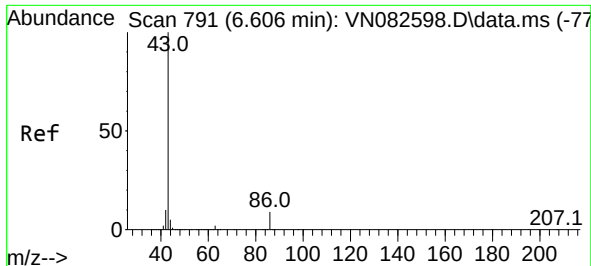
Reviewed By :John Carlone 07/16/2024
Supervised By :Mahesh Dadoda 07/16/2024



#22
Diisopropyl ether
Concen: 21.907 ug/l
RT: 6.677 min Scan# 803
Delta R.T. -0.000 min
Lab File: VN082919.D
Acq: 15 Jul 2024 15:49

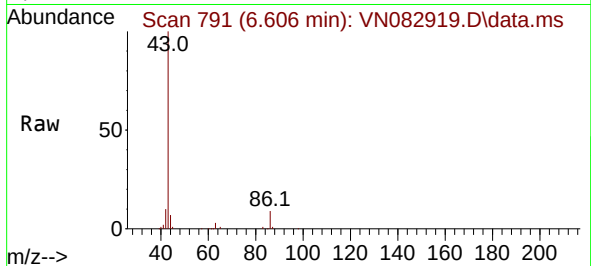
Tgt Ion: 45 Resp: 81750
Ion Ratio Lower Upper
45 100
43 60.9 44.0 66.0
87 30.4 19.7 29.5#
59 14.6 8.5 12.7#





#23
 Vinyl Acetate
 Concen: 111.469 ug/l
 RT: 6.606 min Scan# 791
 Delta R.T. 0.000 min
 Lab File: VN082919.D
 Acq: 15 Jul 2024 15:49

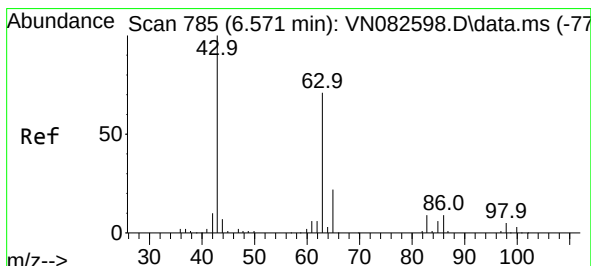
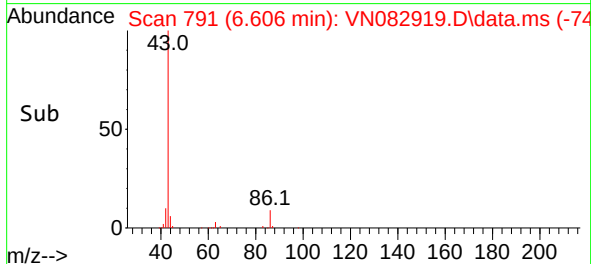
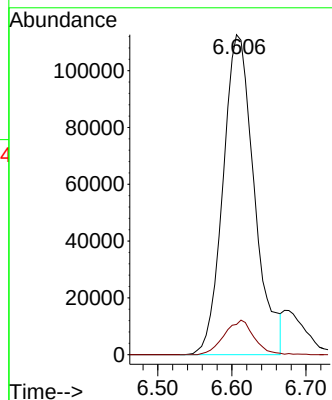
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0715WBSD01



Tgt Ion: 43 Resp: 330334
 Ion Ratio Lower Upper
 43 100
 86 9.5 7.3 10.9

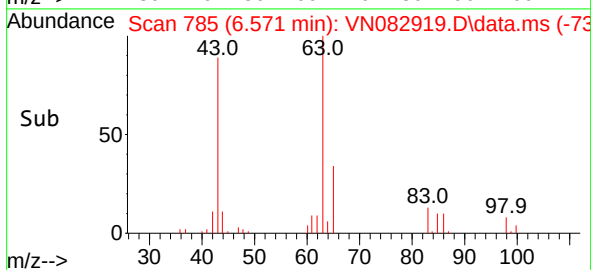
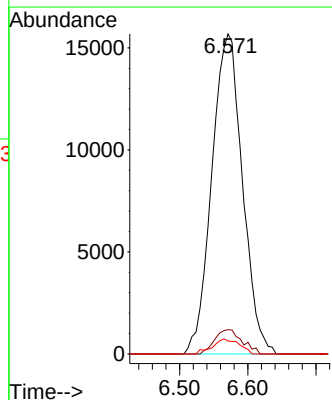
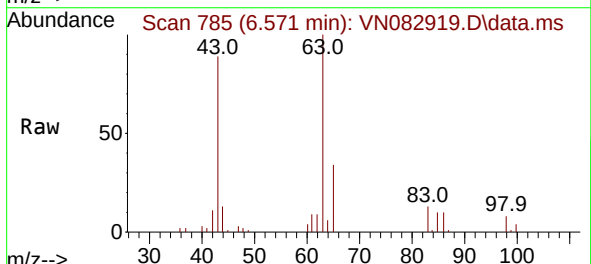
Manual Integrations
 APPROVED

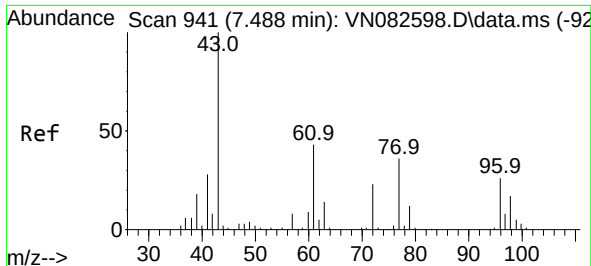
Reviewed By :John Carlone 07/16/2024
 Supervised By :Mahesh Dadoda 07/16/2024



#24
 1,1-Dichloroethane
 Concen: 21.666 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. -0.000 min
 Lab File: VN082919.D
 Acq: 15 Jul 2024 15:49

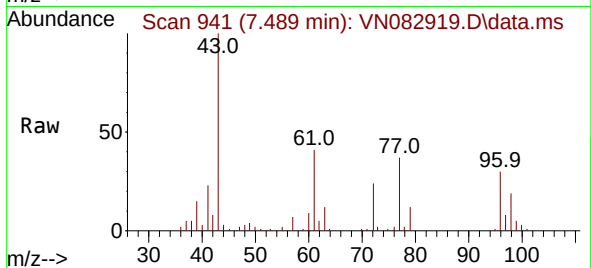
Tgt Ion: 63 Resp: 49043
 Ion Ratio Lower Upper
 63 100
 98 7.6 3.3 9.9
 100 4.0 2.0 6.0





#25
2-Butanone
Concen: 118.372 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.001 min
Lab File: VN082919.D
Acq: 15 Jul 2024 15:49

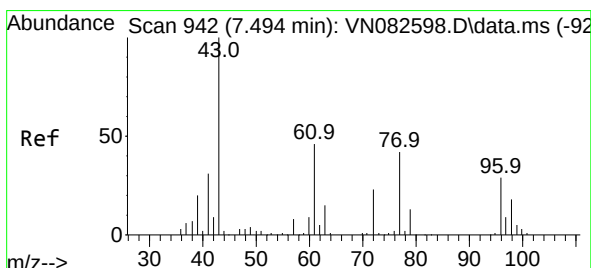
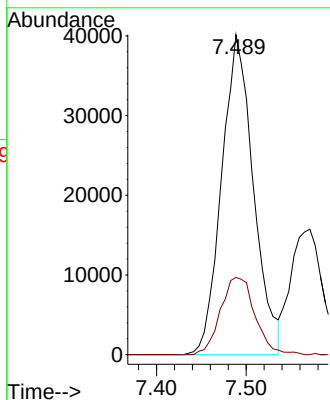
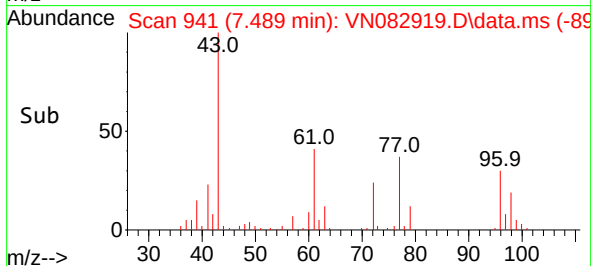
Instrument :
MSVOA_N
ClientSampleId :
VN0715WBSD01



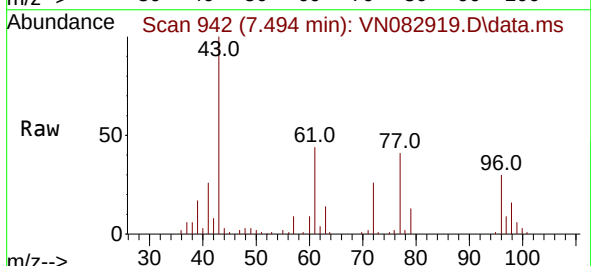
Tgt Ion: 43 Resp: 98854
Ion Ratio Lower Upper
43 100
72 24.2 18.2 27.2

Manual Integrations
APPROVED

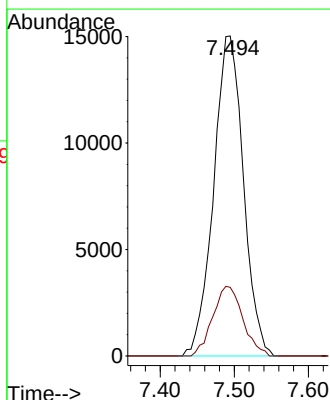
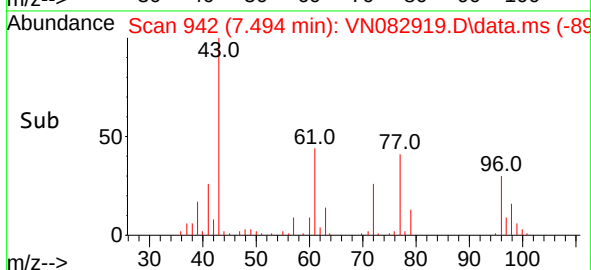
Reviewed By :John Carlone 07/16/2024
Supervised By :Mahesh Dadoda 07/16/2024

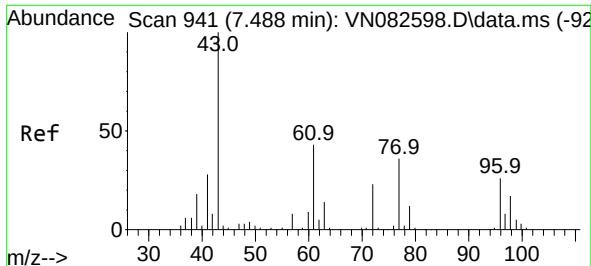


#26
2,2-Dichloropropane
Concen: 19.930 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.000 min
Lab File: VN082919.D
Acq: 15 Jul 2024 15:49



Tgt Ion: 77 Resp: 41944
Ion Ratio Lower Upper
77 100
97 22.0 10.3 30.9





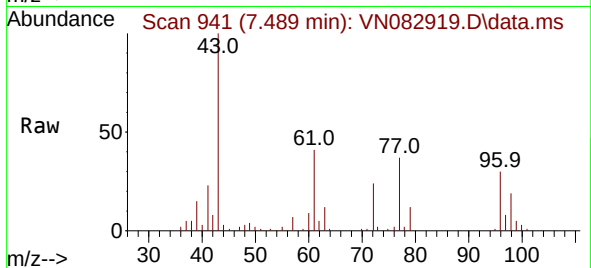
#27
 cis-1,2-Dichloroethene
 Concen: 19.856 ug/l
 RT: 7.489 min Scan# 941
 Delta R.T. 0.001 min
 Lab File: VN082919.D
 Acq: 15 Jul 2024 15:49

Instrument :

MSVOA_N

ClientSampleId :

VN0715WBSD01



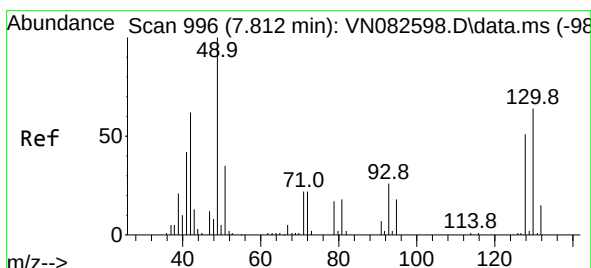
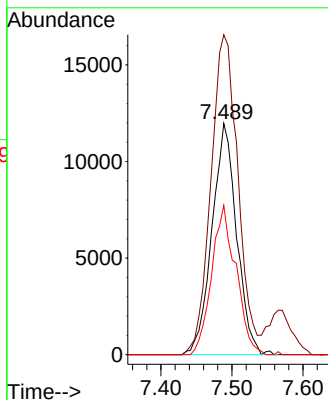
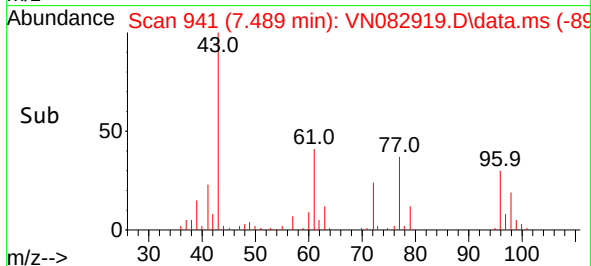
Tgt Ion: 96 Resp: 2881
 Ion Ratio Lower Upper
 96 100
 61 151.1 0.0 329.6
 98 63.7 0.0 128.6

Manual Integrations

APPROVED

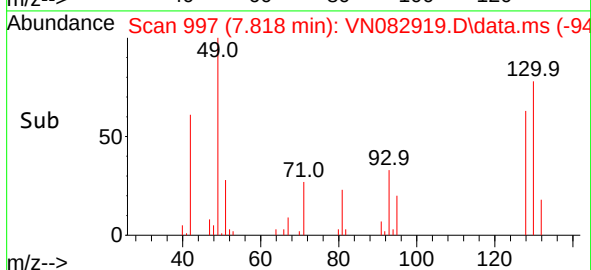
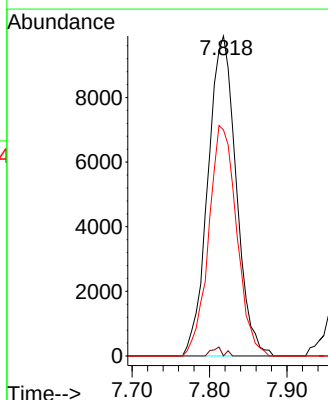
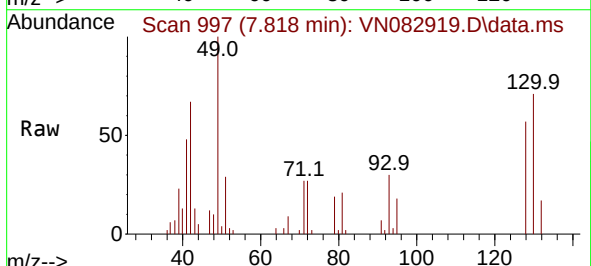
Reviewed By :John Carlone 07/16/2024

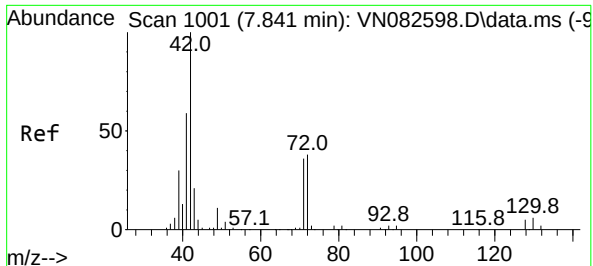
Supervised By :Mahesh Dadoda 07/16/2024



#28
 Bromochloromethane
 Concen: 25.824 ug/l
 RT: 7.818 min Scan# 997
 Delta R.T. 0.006 min
 Lab File: VN082919.D
 Acq: 15 Jul 2024 15:49

Tgt Ion: 49 Resp: 25076
 Ion Ratio Lower Upper
 49 100
 129 1.1 0.0 3.8
 130 71.3 50.5 75.7





#29

Tetrahydrofuran

Concen: 121.561 ug/l

RT: 7.841 min Scan# 1001

Delta R.T. 0.000 min

Lab File: VN082919.D

Acq: 15 Jul 2024 15:49

Instrument :

MSVOA_N

ClientSampleId :

VN0715WBSD01

Tgt Ion: 42 Resp: 6391

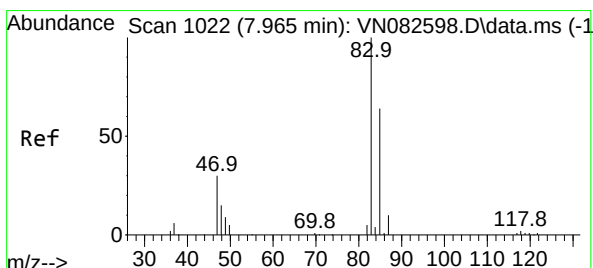
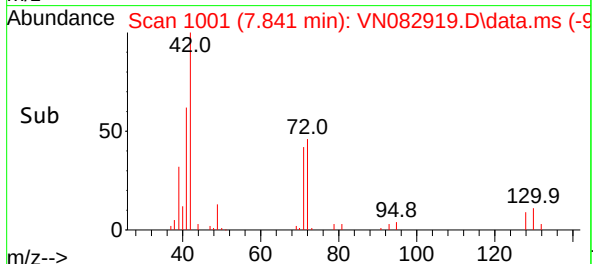
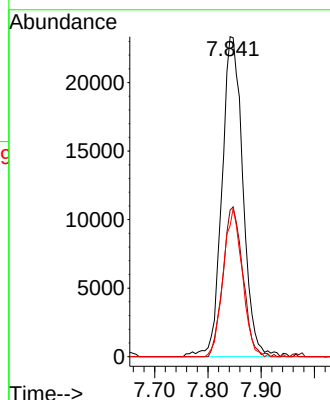
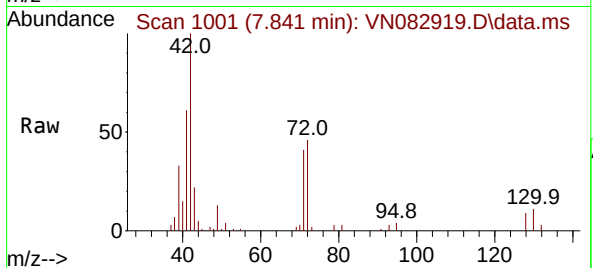
Ion	Ratio	Lower	Upper
42	100		
72	44.4	30.0	45.0
71	42.2	28.3	42.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/16/2024

Supervised By :Mahesh Dadoda 07/16/2024



#30

Chloroform

Concen: 21.714 ug/l

RT: 7.971 min Scan# 1023

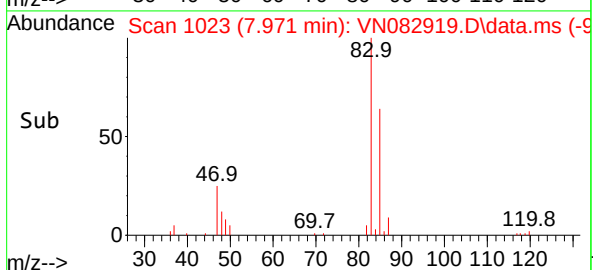
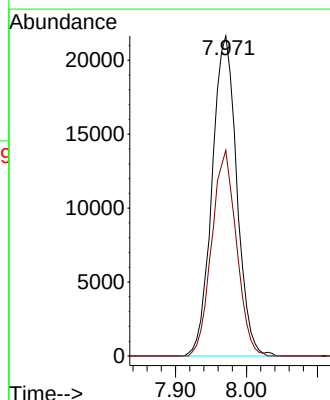
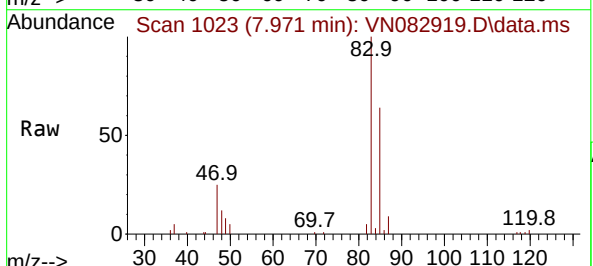
Delta R.T. 0.006 min

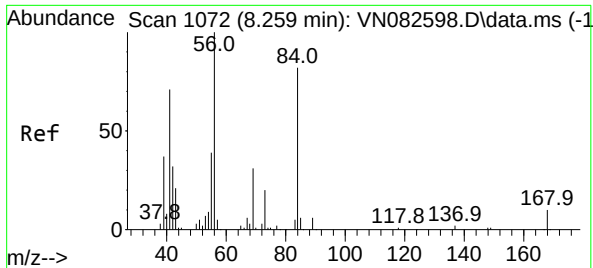
Lab File: VN082919.D

Acq: 15 Jul 2024 15:49

Tgt Ion: 83 Resp: 52142

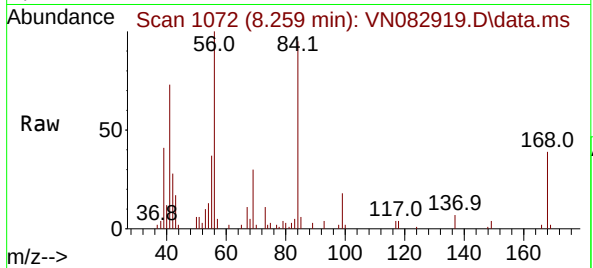
Ion	Ratio	Lower	Upper
83	100		
85	64.3	50.9	76.3





#31
Cyclohexane
Concen: 18.862 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. 0.000 min
Lab File: VN082919.D
Acq: 15 Jul 2024 15:49

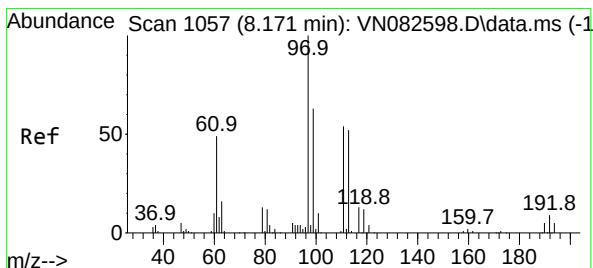
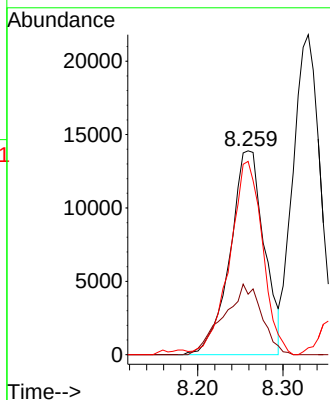
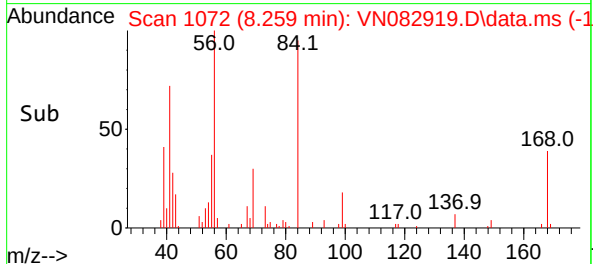
Instrument :
MSVOA_N
ClientSampleId :
VN0715WBSD01



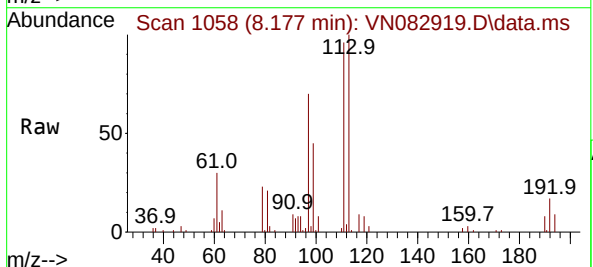
Tgt Ion: 56 Resp: 38739
Ion Ratio Lower Upper
56 100
69 29.7 24.5 36.7
84 92.6 66.0 99.0

Manual Integrations
APPROVED

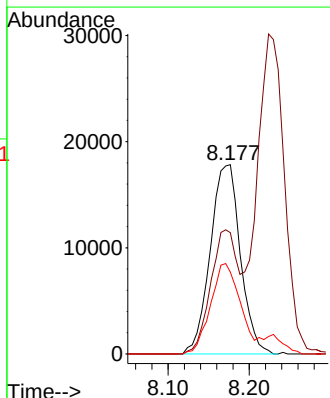
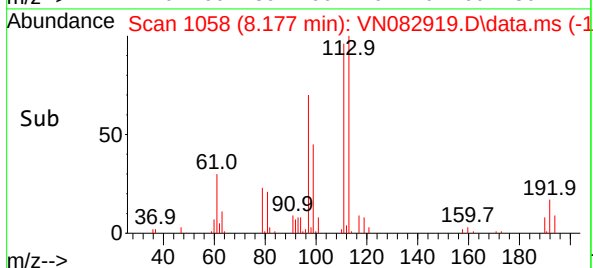
Reviewed By :John Carlone 07/16/2024
Supervised By :Mahesh Dadoda 07/16/2024

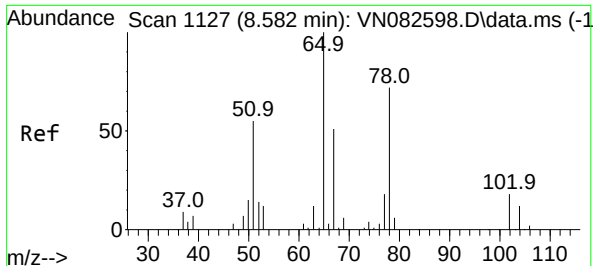


#32
1,1,1-Trichloroethane
Concen: 20.584 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VN082919.D
Acq: 15 Jul 2024 15:49



Tgt Ion: 97 Resp: 45893
Ion Ratio Lower Upper
97 100
99 58.5 52.0 78.0
61 49.1 42.1 63.1





#33

1,2-Dichloroethane-d4

Concen: 53.372 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.001 min

Lab File: VN082919.D

Acq: 15 Jul 2024 15:49

Instrument :

MSVOA_N

ClientSampleId :

VN0715WBSD01

Tgt Ion: 65 Resp: 8384

Ion Ratio Lower Upper

65 100

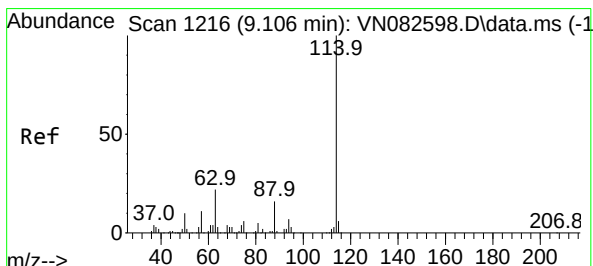
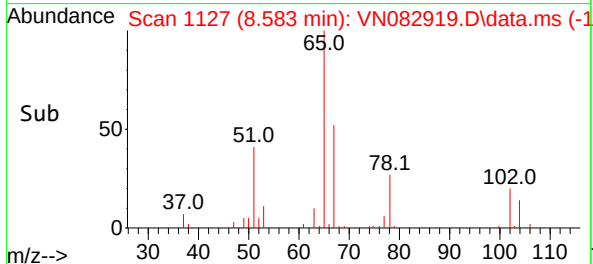
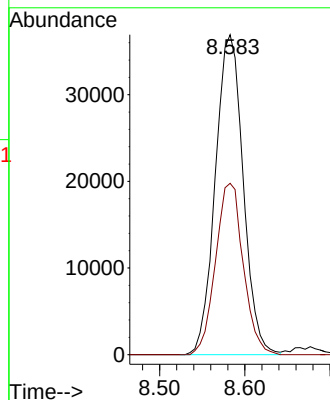
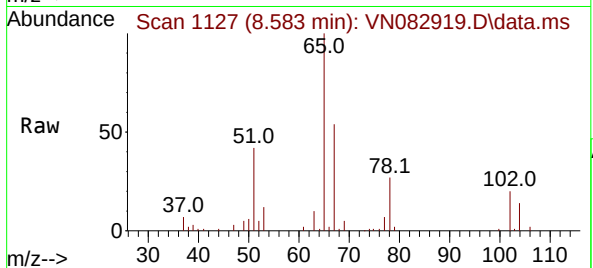
67 53.2 0.0 104.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/16/2024

Supervised By :Mahesh Dadoda 07/16/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.000 min

Lab File: VN082919.D

Acq: 15 Jul 2024 15:49

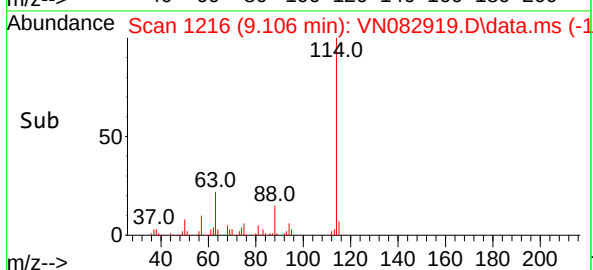
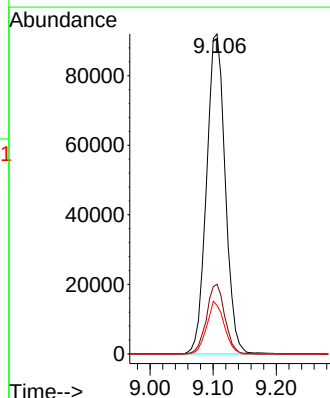
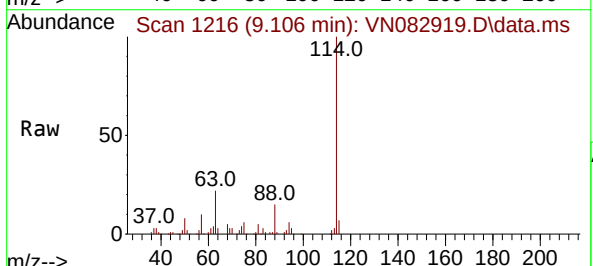
Tgt Ion:114 Resp: 188677

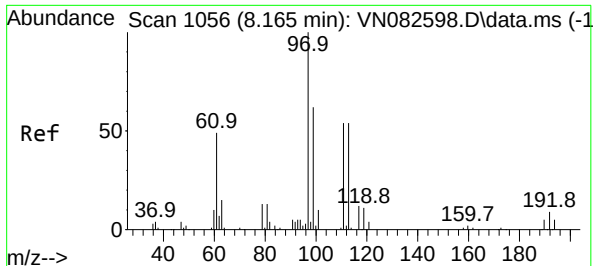
Ion Ratio Lower Upper

114 100

63 21.8 0.0 44.6

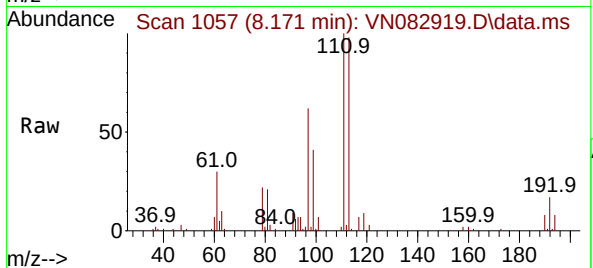
88 15.2 0.0 31.4





#35
Dibromofluoromethane
Concen: 54.005 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN082919.D
Acq: 15 Jul 2024 15:49

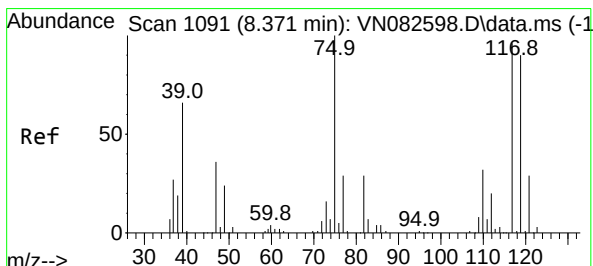
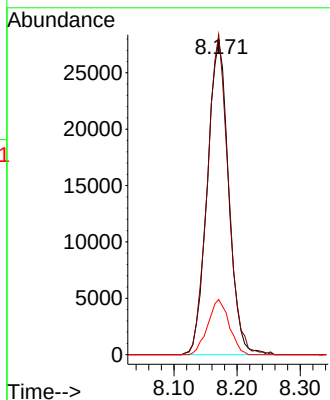
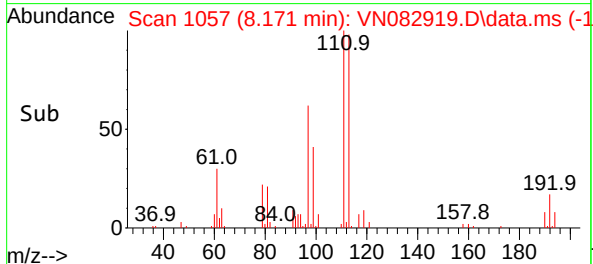
Instrument :
MSVOA_N
ClientSampleId :
VN0715WBSD01



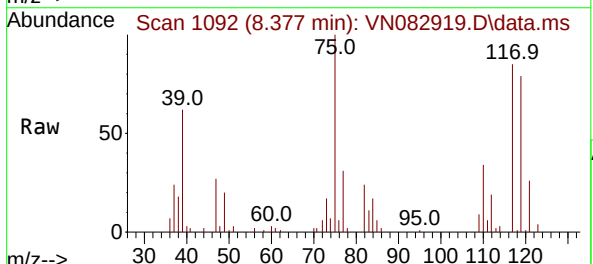
Tgt Ion:113 Resp: 65384
Ion Ratio Lower Upper
113 100
111 100.7 82.4 123.6
192 17.5 14.9 22.3

Manual Integrations
APPROVED

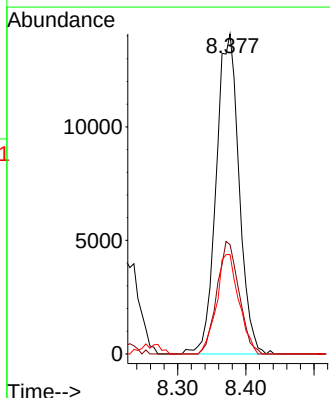
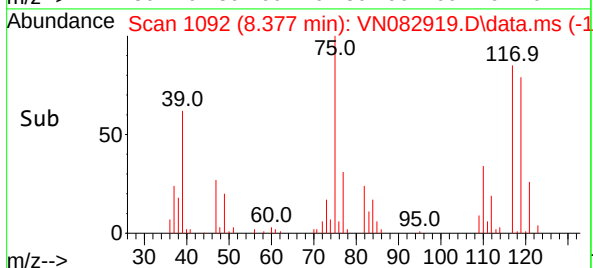
Reviewed By :John Carlone 07/16/2024
Supervised By :Mahesh Dadoda 07/16/2024

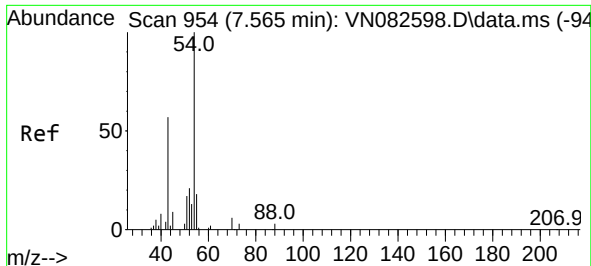


#36
1,1-Dichloropropene
Concen: 19.715 ug/l
RT: 8.377 min Scan# 1092
Delta R.T. 0.006 min
Lab File: VN082919.D
Acq: 15 Jul 2024 15:49



Tgt Ion: 75 Resp: 32909
Ion Ratio Lower Upper
75 100
110 33.9 16.3 48.9
77 30.5 24.6 37.0





#37

Ethyl Acetate

Concen: 23.988 ug/l

RT: 7.571 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN082919.D

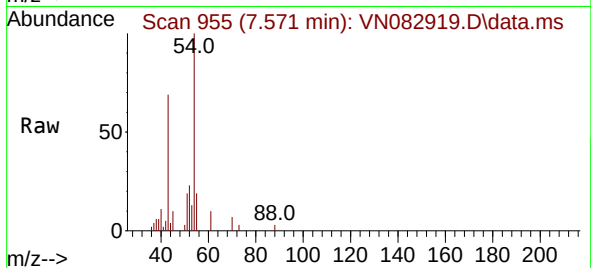
Acq: 15 Jul 2024 15:49

Instrument :

MSVOA_N

ClientSampleId :

VN0715WBSD01



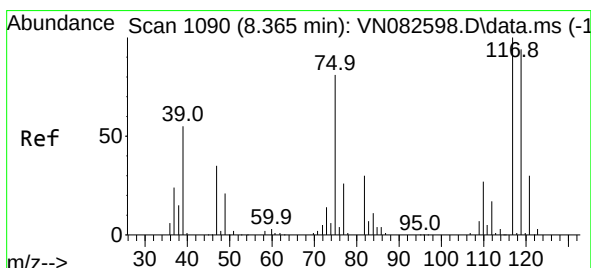
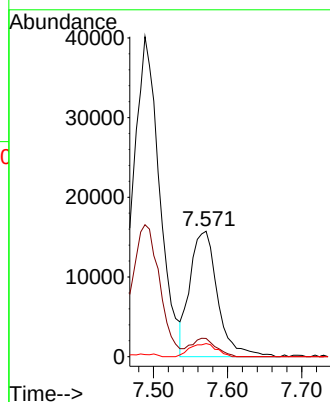
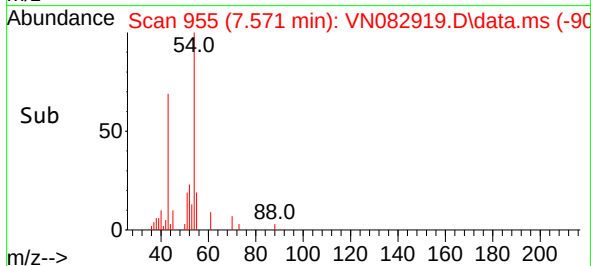
Tgt Ion:	43	Resp:	4076
Ion	Ratio	Lower	Upper
43	100		
61	12.9	9.3	13.9
70	10.0	7.0	10.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/16/2024

Supervised By :Mahesh Dadoda 07/16/2024



#38

Carbon Tetrachloride

Concen: 19.523 ug/l

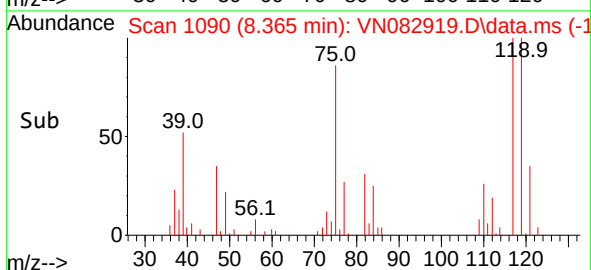
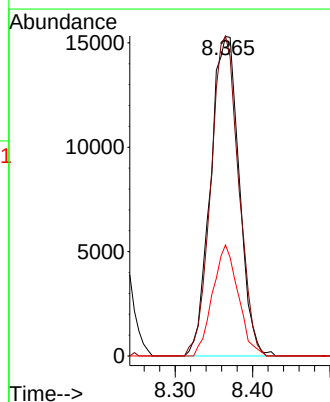
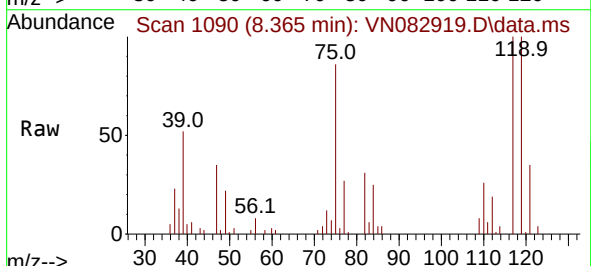
RT: 8.365 min Scan# 1090

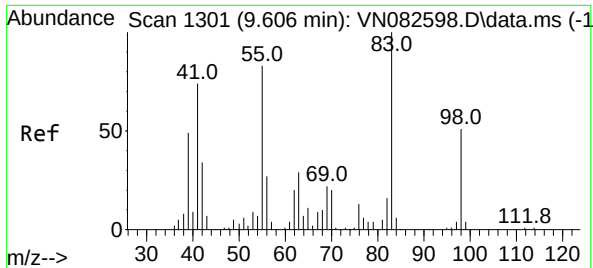
Delta R.T. -0.000 min

Lab File: VN082919.D

Acq: 15 Jul 2024 15:49

Tgt Ion:	117	Resp:	39237
Ion	Ratio	Lower	Upper
117	100		
119	100.1	74.9	112.3
121	34.7	24.3	36.5





#39
Methylcyclohexane
Concen: 17.337 ug/l
RT: 9.606 min Scan# 11301
Delta R.T. 0.000 min
Lab File: VN082919.D
Acq: 15 Jul 2024 15:49

Instrument :

MSVOA_N

ClientSampleId :

VN0715WBSD01

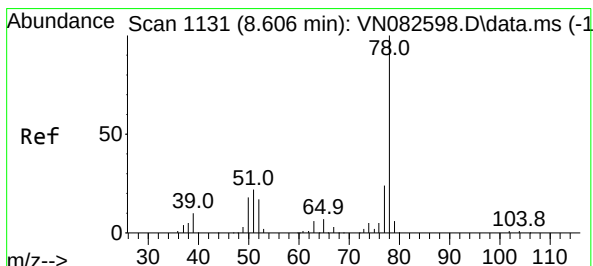
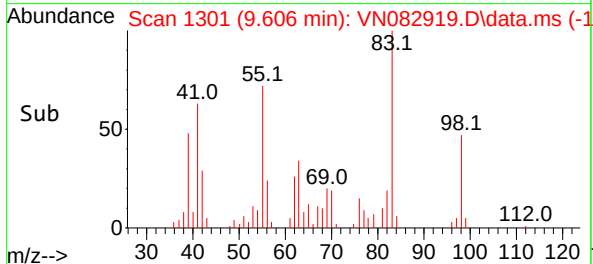
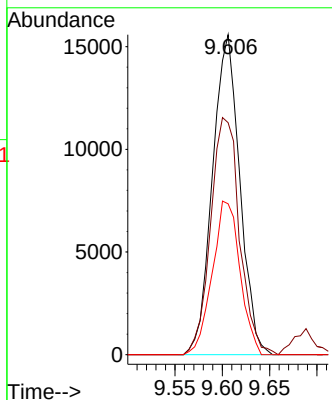
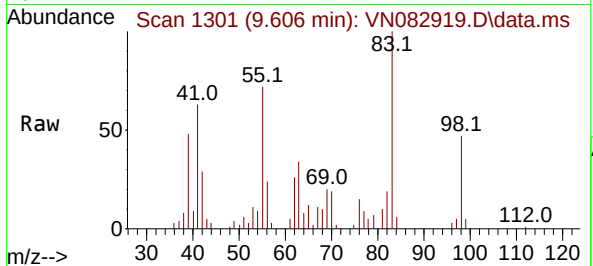
Tgt Ion: 83 Resp: 3125
Ion Ratio Lower Upper
83 100
55 72.5 66.4 99.6
98 47.1 40.7 61.1

Manual Integrations

APPROVED

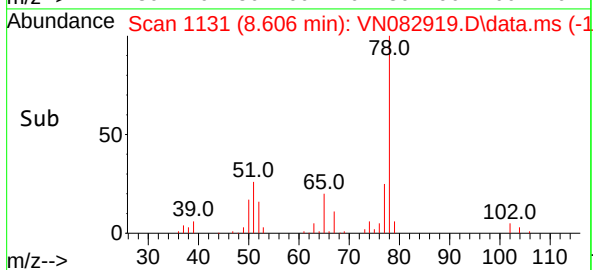
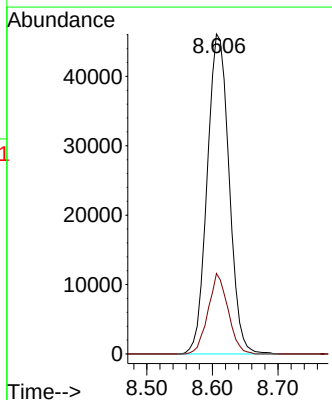
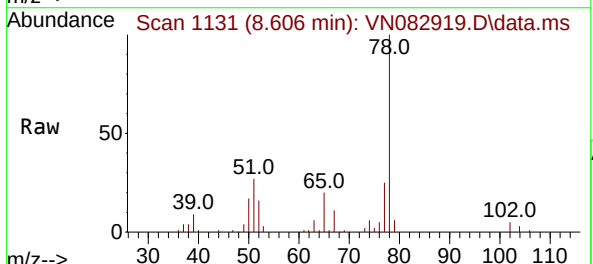
Reviewed By :John Carlone 07/16/2024

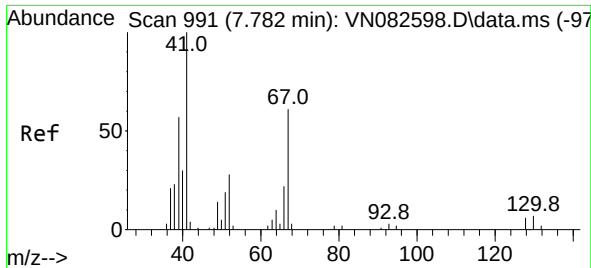
Supervised By :Mahesh Dadoda 07/16/2024



#40
Benzene
Concen: 20.817 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VN082919.D
Acq: 15 Jul 2024 15:49

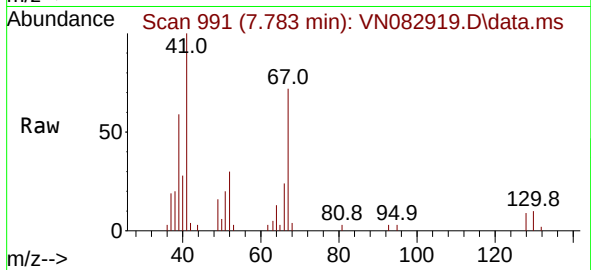
Tgt Ion: 78 Resp: 106888
Ion Ratio Lower Upper
78 100
77 25.2 19.0 28.4





#41
Methacrylonitrile
Concen: 21.575 ug/l
RT: 7.783 min Scan# 991
Delta R.T. 0.001 min
Lab File: VN082919.D
Acq: 15 Jul 2024 15:49

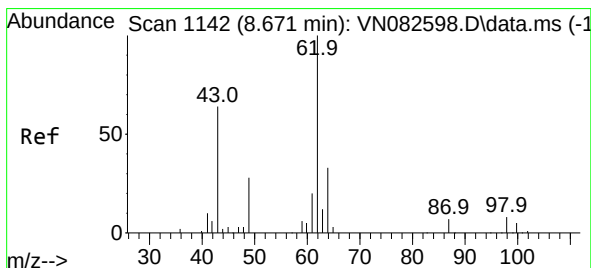
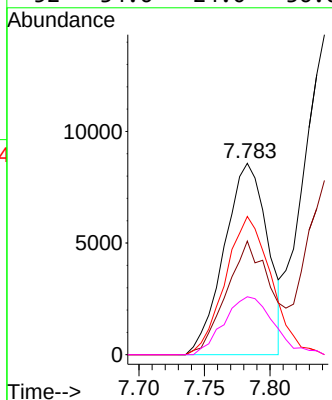
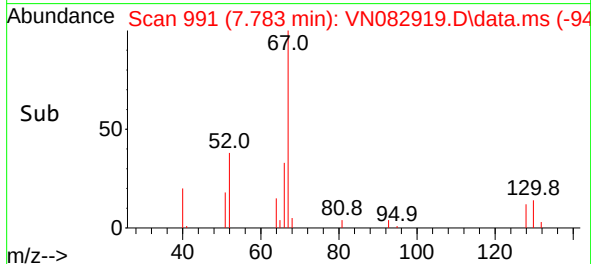
Instrument :
MSVOA_N
ClientSampleId :
VN0715WBSD01



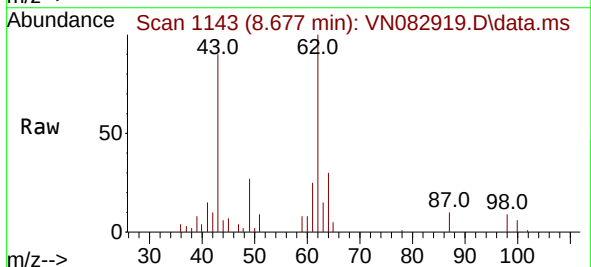
Tgt Ion: 41 Resp: 1975
Ion Ratio Lower Upper
41 100
39 61.3 45.5 68.3
67 76.4 50.5 75.7
52 34.6 24.0 36.0

Manual Integrations
APPROVED

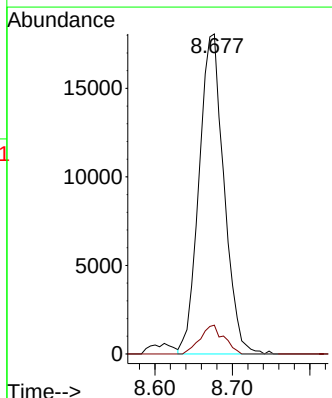
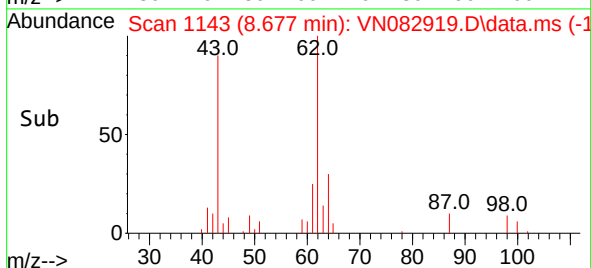
Reviewed By :John Carlone 07/16/2024
Supervised By :Mahesh Dadoda 07/16/2024

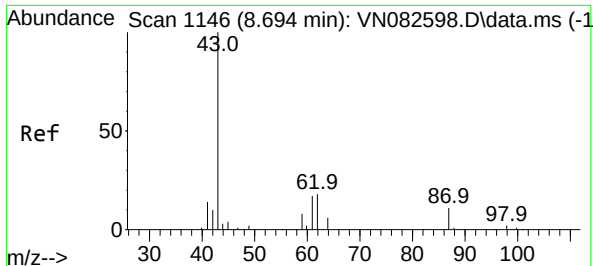


#42
1,2-Dichloroethane
Concen: 21.856 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. 0.006 min
Lab File: VN082919.D
Acq: 15 Jul 2024 15:49



Tgt Ion: 62 Resp: 40400
Ion Ratio Lower Upper
62 100
98 8.6 0.0 15.8





#43

Isopropyl Acetate

Concen: 20.134 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. -0.006 min

Lab File: VN082919.D

Acq: 15 Jul 2024 15:49

Instrument :

MSVOA_N

ClientSampleId :

VN0715WBSD01

Tgt Ion: 43 Resp: 70190

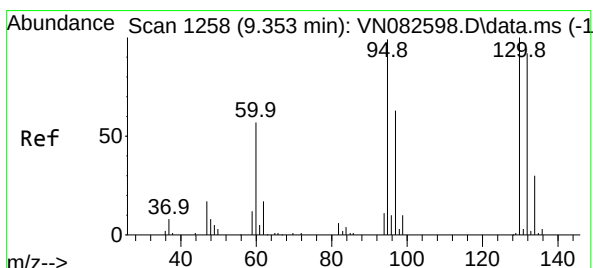
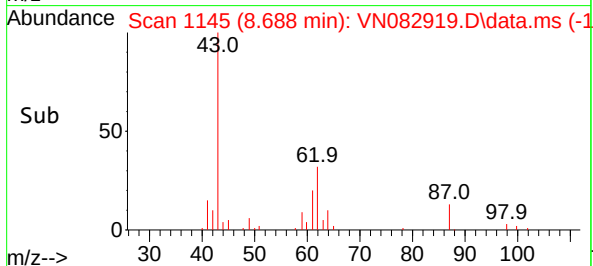
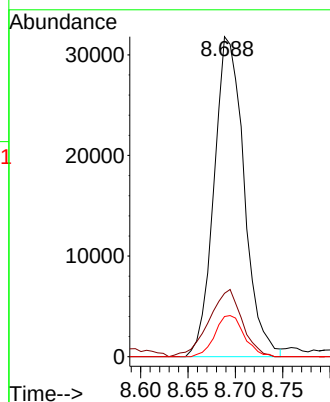
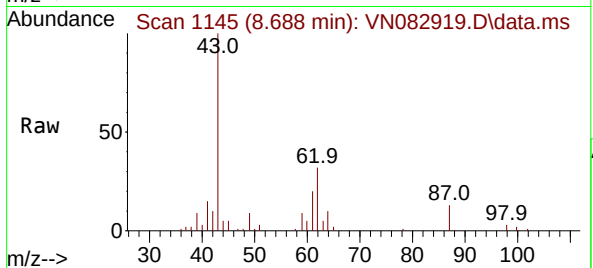
Ion	Ratio	Lower	Upper
43	100		
61	23.1	17.8	26.6
87	12.5	8.2	12.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/16/2024

Supervised By :Mahesh Dadoda 07/16/2024



#44

Trichloroethene

Concen: 19.093 ug/l

RT: 9.353 min Scan# 1258

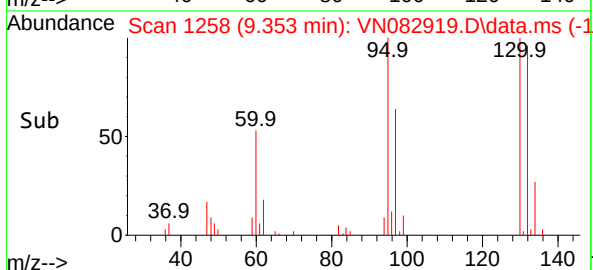
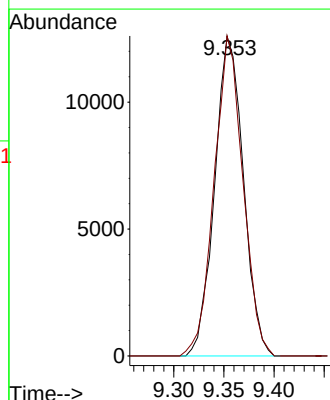
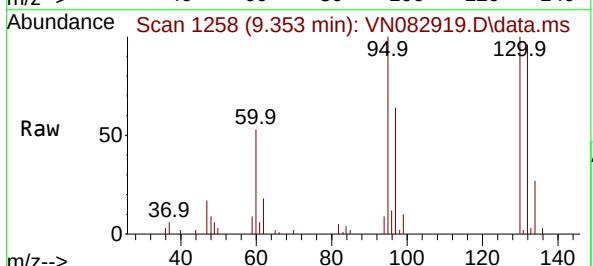
Delta R.T. 0.000 min

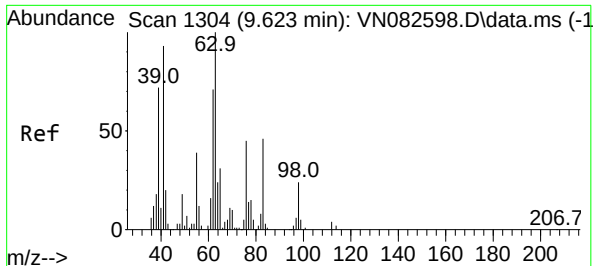
Lab File: VN082919.D

Acq: 15 Jul 2024 15:49

Tgt Ion:130 Resp: 25116

Ion	Ratio	Lower	Upper
130	100		
95	100.1	0.0	197.8





#45

1,2-Dichloropropane

Concen: 22.318 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. 0.001 min

Lab File: VN082919.D

Acq: 15 Jul 2024 15:49

Instrument :

MSVOA_N

ClientSampleId :

VN0715WBSD01

Tgt Ion: 63 Resp: 26754

Ion Ratio Lower Upper

63 100

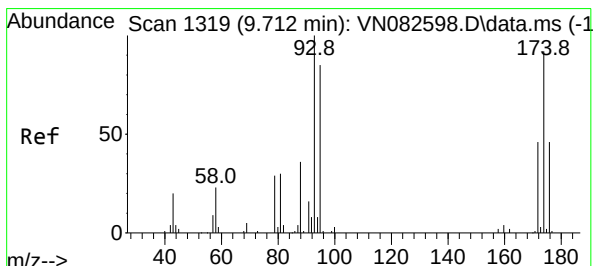
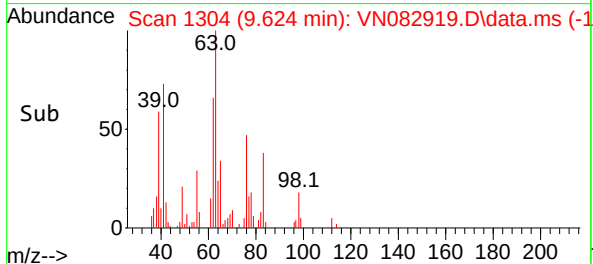
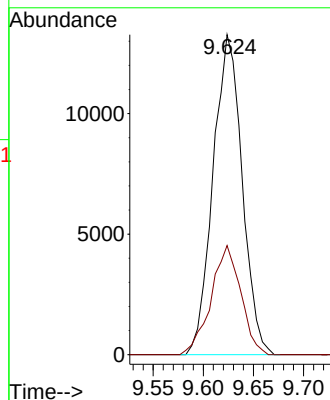
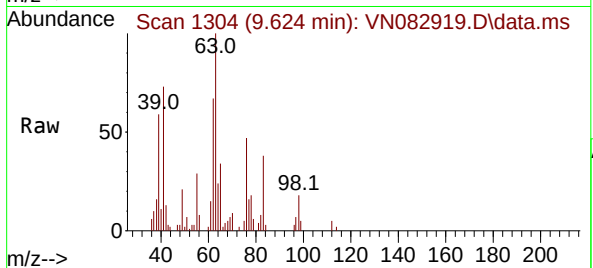
65 34.1 24.4 36.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/16/2024

Supervised By :Mahesh Dadoda 07/16/2024



#46

Dibromomethane

Concen: 21.275 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VN082919.D

Acq: 15 Jul 2024 15:49

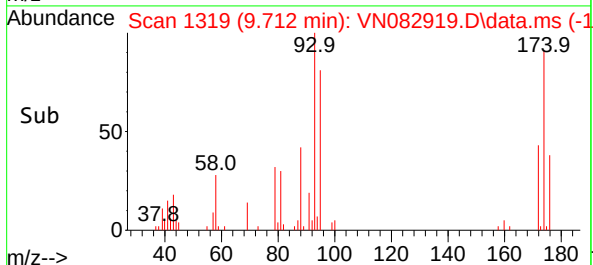
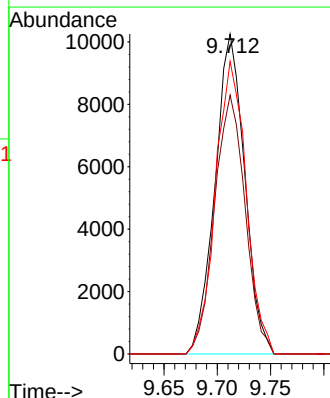
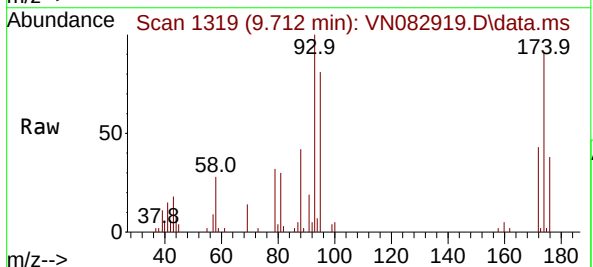
Tgt Ion: 93 Resp: 19868

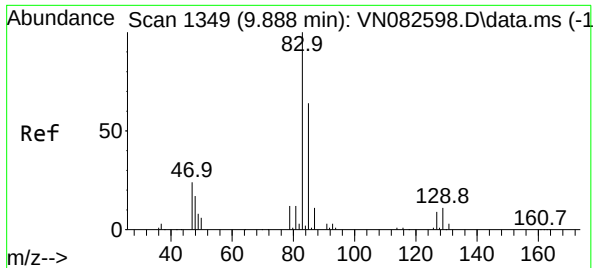
Ion Ratio Lower Upper

93 100

95 83.3 65.8 98.6

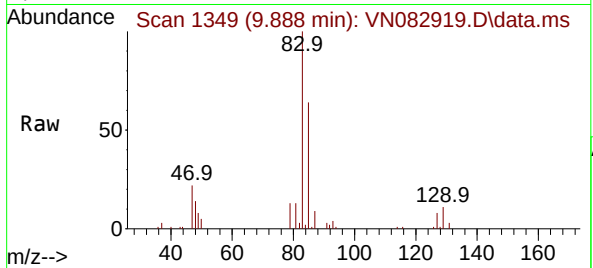
174 94.3 71.7 107.5





#47
Bromodichloromethane
Concen: 21.940 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VN082919.D
Acq: 15 Jul 2024 15:49

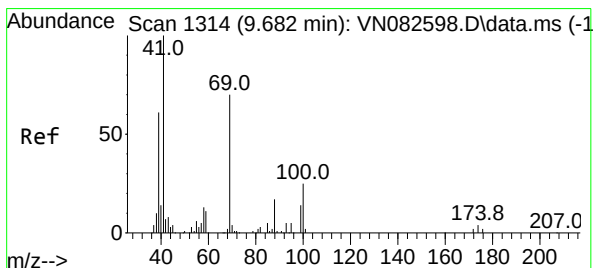
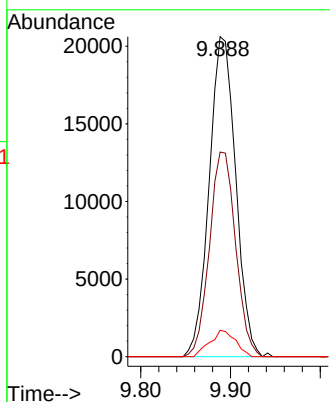
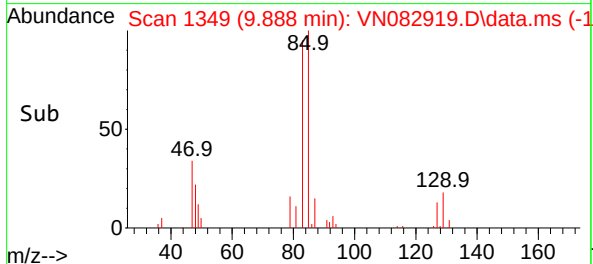
Instrument :
MSVOA_N
ClientSampleId :
VN0715WBSD01



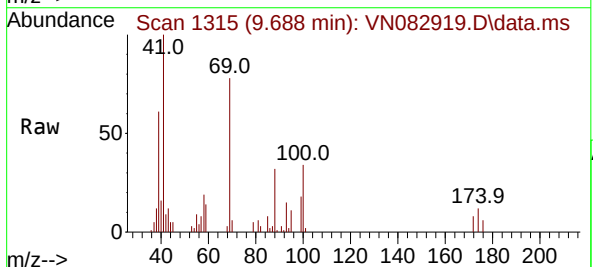
Tgt Ion: 83 Resp: 42330
Ion Ratio Lower Upper
83 100
85 63.9 51.1 76.7
127 8.3 7.2 10.8

Manual Integrations
APPROVED

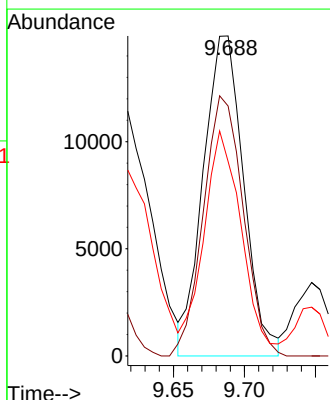
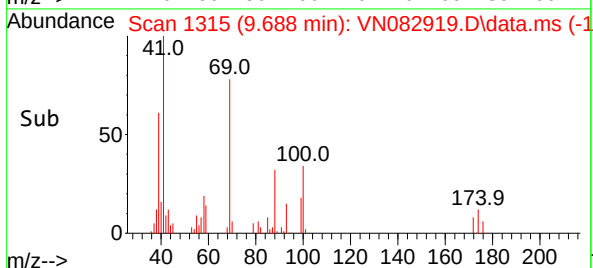
Reviewed By :John Carlone 07/16/2024
Supervised By :Mahesh Dadoda 07/16/2024

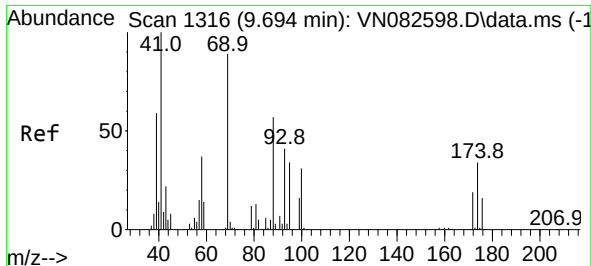


#48
Methyl methacrylate
Concen: 22.149 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.006 min
Lab File: VN082919.D
Acq: 15 Jul 2024 15:49



Tgt Ion: 41 Resp: 29514
Ion Ratio Lower Upper
41 100
69 80.5 56.3 84.5
39 66.1 50.3 75.5





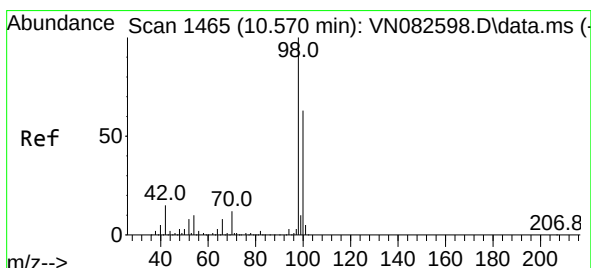
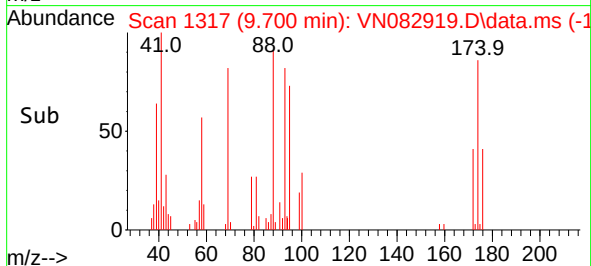
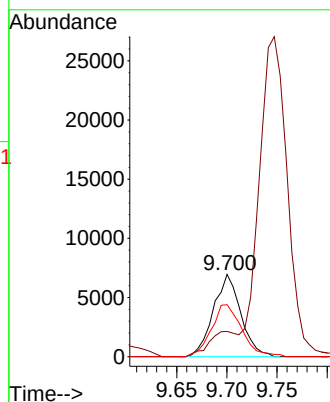
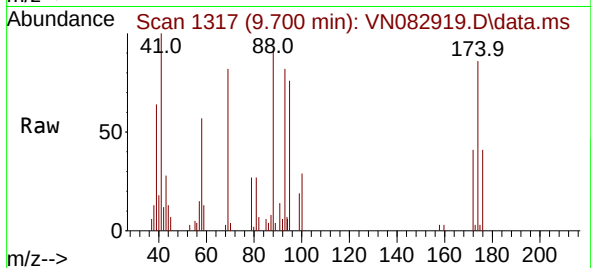
#49
1,4-Dioxane
Concen: 450.583 ug/l
RT: 9.700 min Scan# 1316
Delta R.T. 0.006 min
Lab File: VN082919.D
Acq: 15 Jul 2024 15:49

Instrument :
MSVOA_N
ClientSampleId :
VN0715WBSD01

Tgt Ion: 88 Resp: 13224
Ion Ratio Lower Upper
88 100
43 33.2 27.8 41.8
58 70.3 59.4 89.0

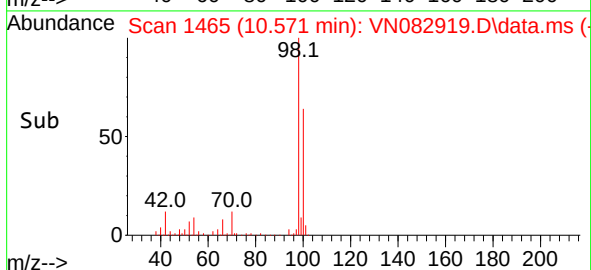
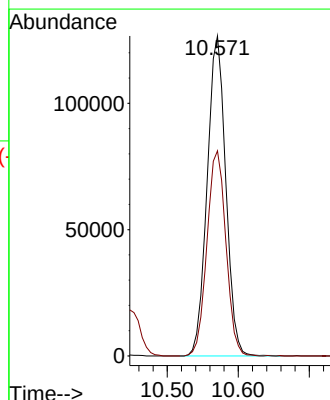
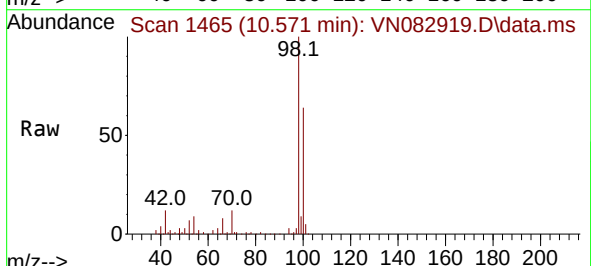
Manual Integrations
APPROVED

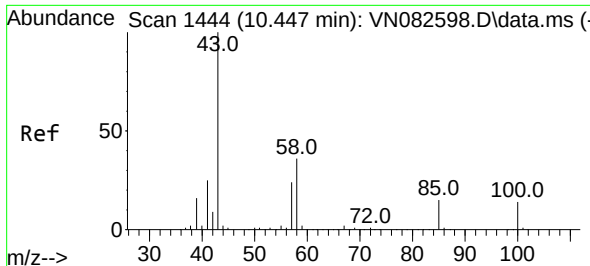
Reviewed By :John Carlone 07/16/2024
Supervised By :Mahesh Dadoda 07/16/2024



#50
Toluene-d8
Concen: 51.549 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.001 min
Lab File: VN082919.D
Acq: 15 Jul 2024 15:49

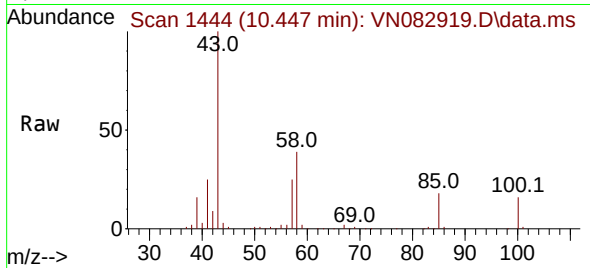
Tgt Ion: 98 Resp: 230510
Ion Ratio Lower Upper
98 100
100 65.3 51.5 77.3





#51
4-Methyl-2-Pentanone
Concen: 122.187 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN082919.D
Acq: 15 Jul 2024 15:49

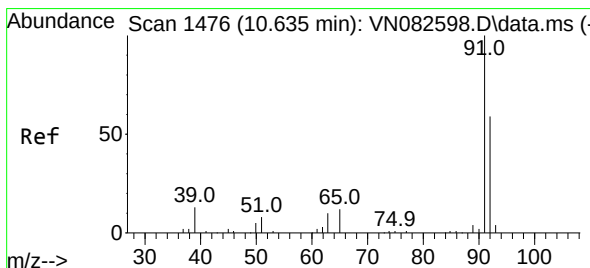
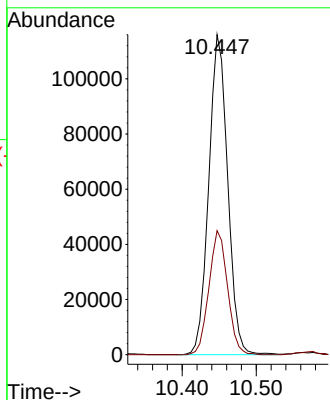
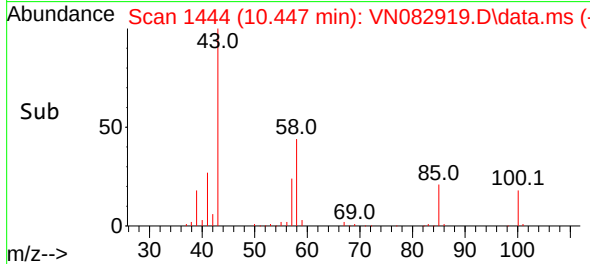
Instrument :
MSVOA_N
ClientSampleId :
VN0715WBSD01



Tgt Ion: 43 Resp: 205858
Ion Ratio Lower Upper
43 100
58 38.0 28.2 42.4

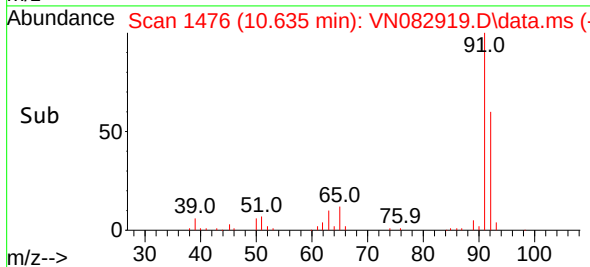
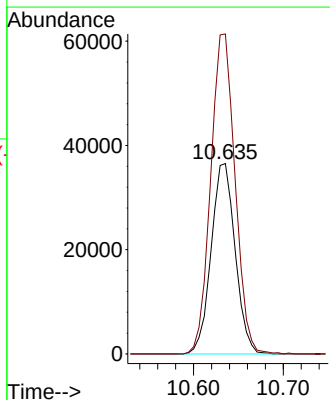
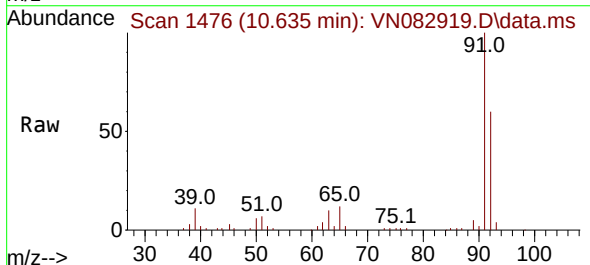
Manual Integrations
APPROVED

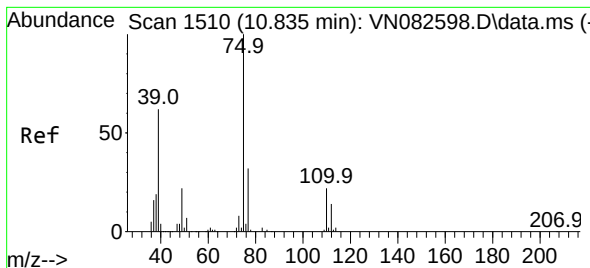
Reviewed By :John Carlone 07/16/2024
Supervised By :Mahesh Dadoda 07/16/2024



#52
Toluene
Concen: 21.158 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN082919.D
Acq: 15 Jul 2024 15:49

Tgt Ion: 92 Resp: 67862
Ion Ratio Lower Upper
92 100
91 170.7 139.4 209.0





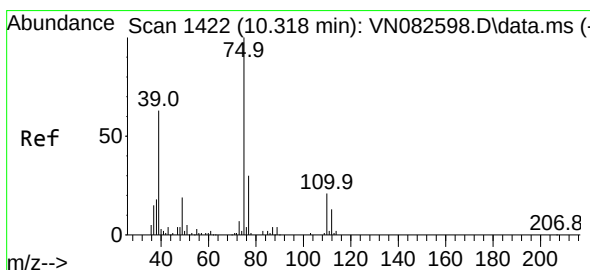
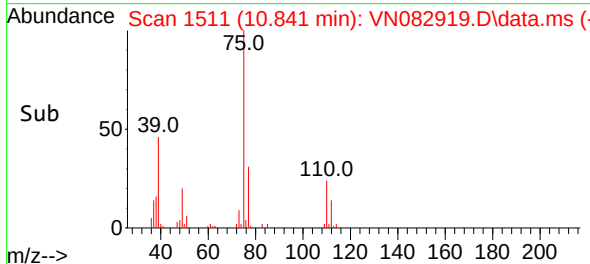
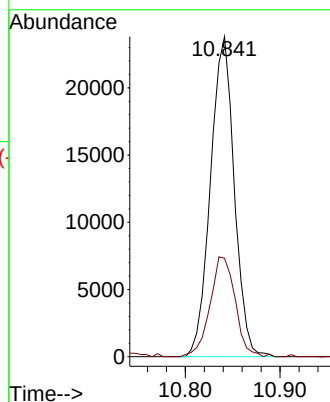
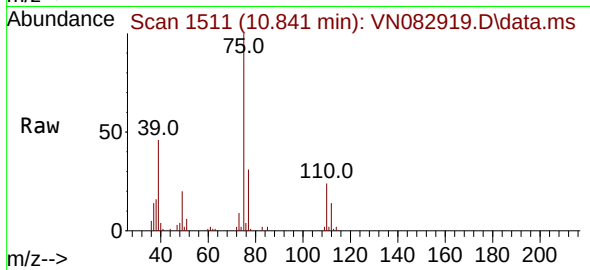
#53
t-1,3-Dichloropropene
Concen: 20.879 ug/l
RT: 10.841 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN082919.D
Acq: 15 Jul 2024 15:49

Instrument :
MSVOA_N
ClientSampleId :
VN0715WBSD01

Tgt Ion: 75 Resp: 4150
Ion Ratio Lower Upper
75 100
77 30.7 25.7 38.5

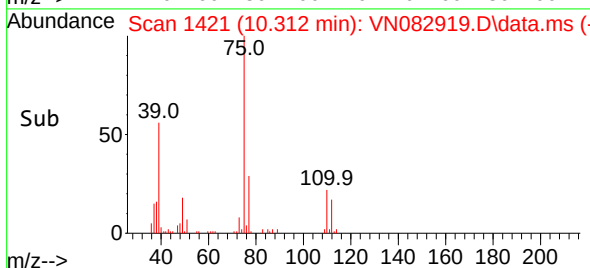
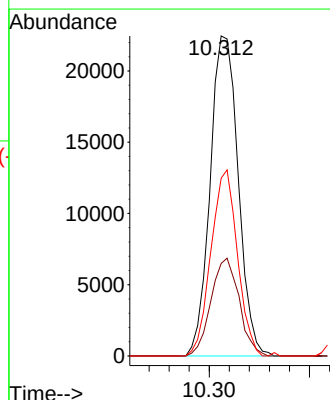
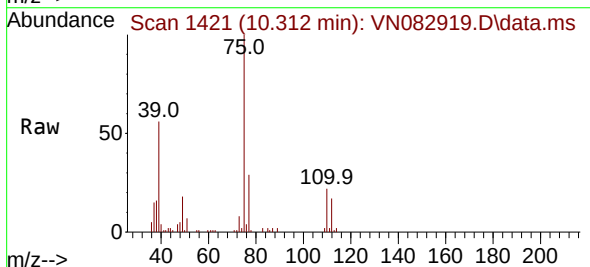
Manual Integrations
APPROVED

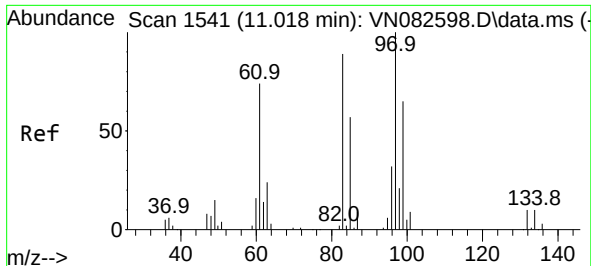
Reviewed By :John Carlone 07/16/2024
Supervised By :Mahesh Dadoda 07/16/2024



#54
cis-1,3-Dichloropropene
Concen: 20.728 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. -0.006 min
Lab File: VN082919.D
Acq: 15 Jul 2024 15:49

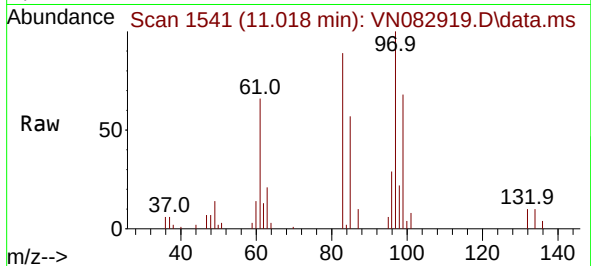
Tgt Ion: 75 Resp: 43613
Ion Ratio Lower Upper
75 100
77 28.9 24.3 36.5
39 55.6 50.5 75.7





#55
1,1,2-Trichloroethane
Concen: 22.705 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. -0.000 min
Lab File: VN082919.D
Acq: 15 Jul 2024 15:49

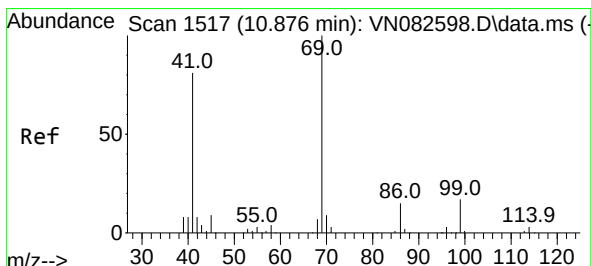
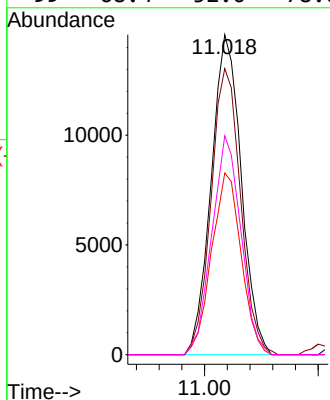
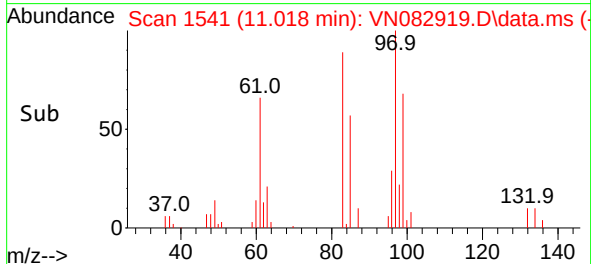
Instrument :
MSVOA_N
ClientSampleId :
VN0715WBSD01



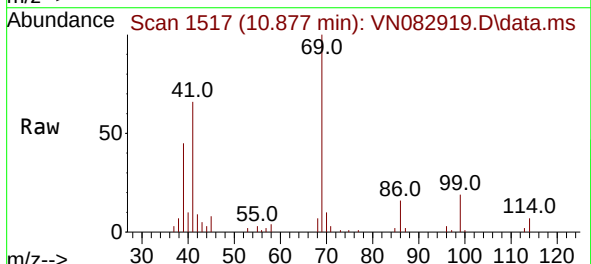
Tgt Ion:	97	Resp:	26779
Ion	Ratio	Lower	Upper
97	100		
83	89.4	71.4	107.0
85	56.7	45.8	68.6
99	68.4	52.0	78.0

Manual Integrations
APPROVED

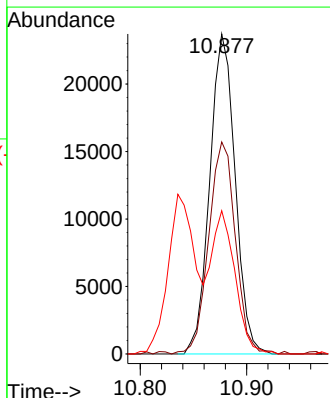
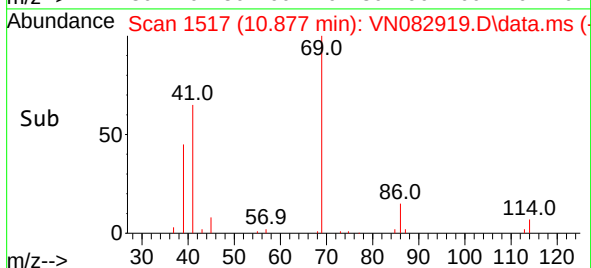
Reviewed By :John Carlone 07/16/2024
Supervised By :Mahesh Dadoda 07/16/2024

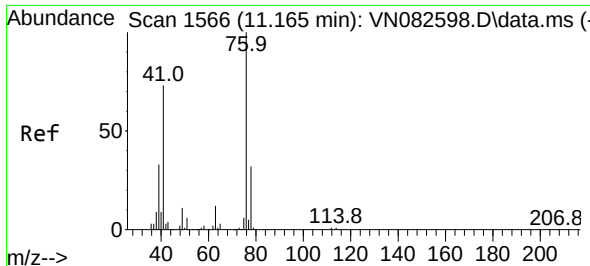


#56
Ethyl methacrylate
Concen: 21.399 ug/l
RT: 10.877 min Scan# 1517
Delta R.T. 0.001 min
Lab File: VN082919.D
Acq: 15 Jul 2024 15:49



Tgt Ion:	69	Resp:	39266
Ion	Ratio	Lower	Upper
69	100		
41	69.9	63.4	95.2
39	42.4	37.4	56.0





#57

1,3-Dichloropropane

Concen: 21.653 ug/l

RT: 11.165 min Scan# 1566

Delta R.T. -0.000 min

Lab File: VN082919.D

Acq: 15 Jul 2024 15:49

Instrument :

MSVOA_N

ClientSampleId :

VN0715WBSD01

Tgt Ion: 76 Resp: 4520

Ion Ratio Lower Upper

76 100

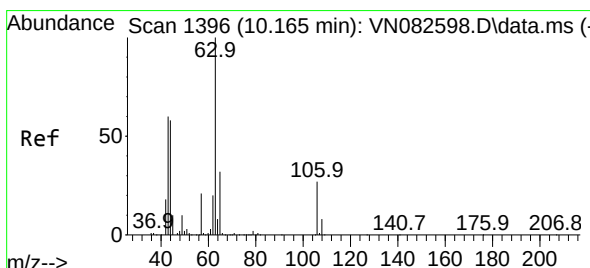
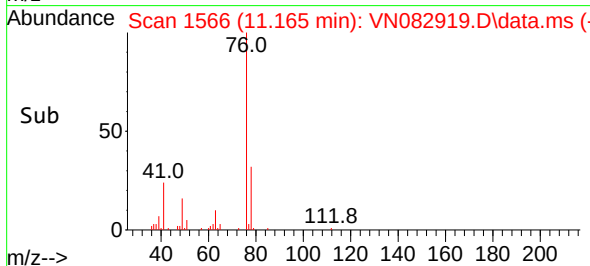
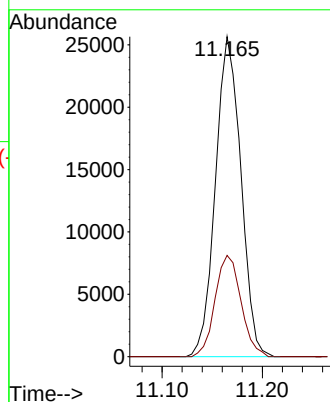
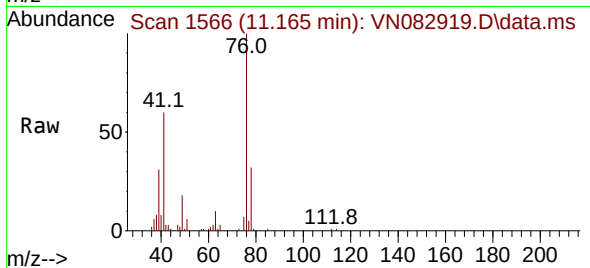
78 32.3 25.6 38.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/16/2024

Supervised By :Mahesh Dadoda 07/16/2024



#58

2-Chloroethyl Vinyl ether

Concen: 119.557 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. -0.000 min

Lab File: VN082919.D

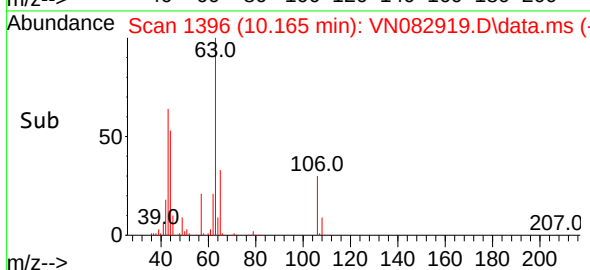
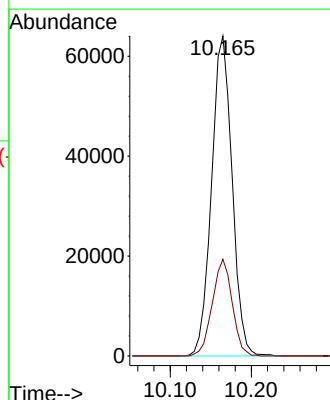
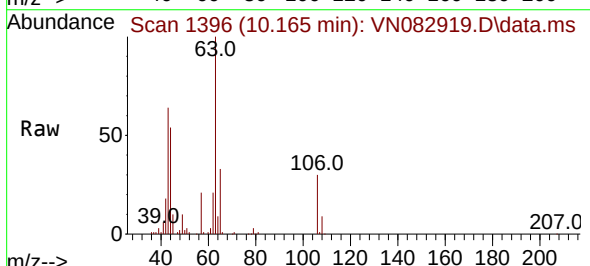
Acq: 15 Jul 2024 15:49

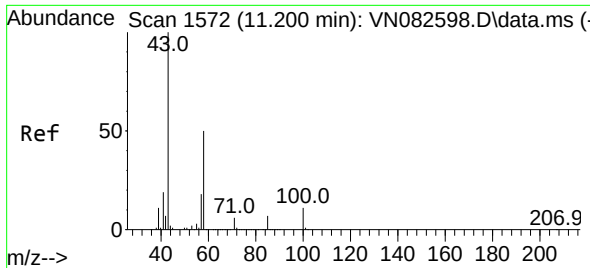
Tgt Ion: 63 Resp: 112571

Ion Ratio Lower Upper

63 100

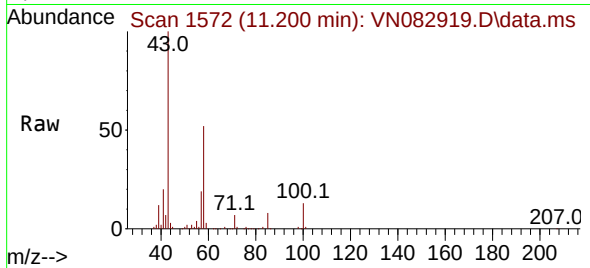
106 29.3 21.4 32.0





#59
2-Hexanone
Concen: 124.234 ug/l
RT: 11.200 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN082919.D
Acq: 15 Jul 2024 15:49

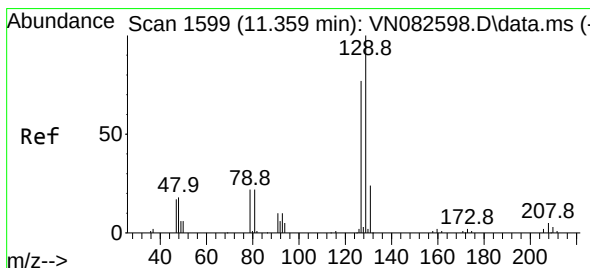
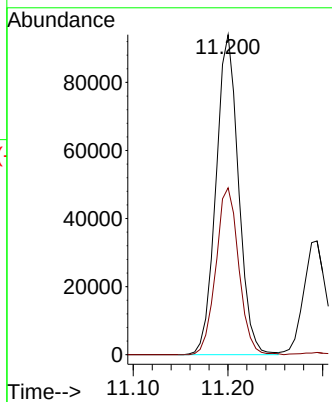
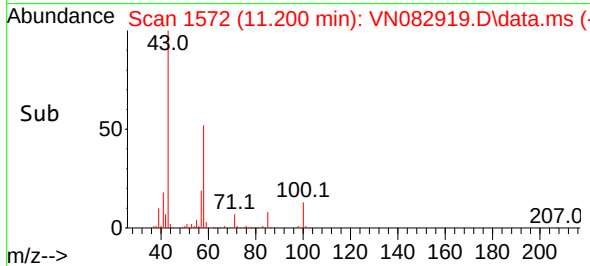
Instrument :
MSVOA_N
ClientSampleId :
VN0715WBSD01



Tgt Ion: 43 Resp: 155610
Ion Ratio Lower Upper
43 100
58 52.7 24.6 73.8

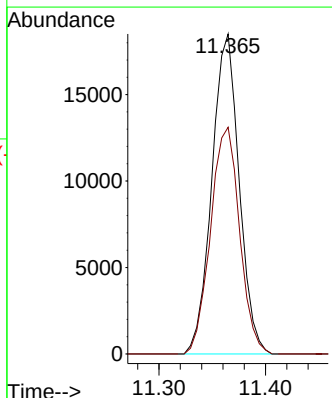
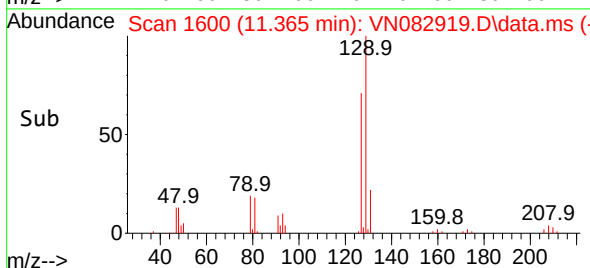
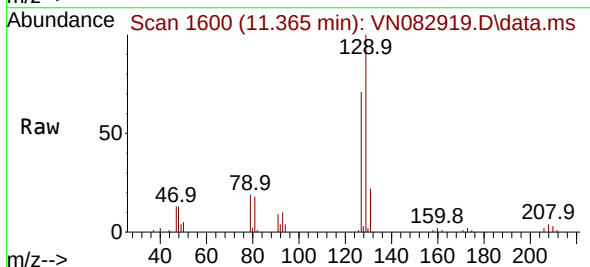
Manual Integrations
APPROVED

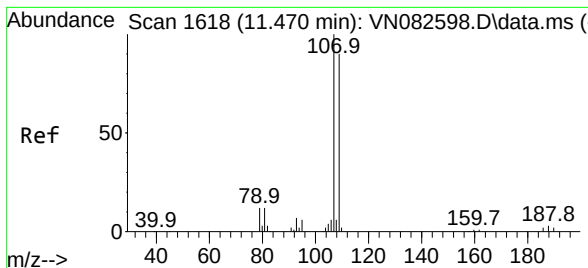
Reviewed By :John Carlone 07/16/2024
Supervised By :Mahesh Dadoda 07/16/2024



#60
Dibromochloromethane
Concen: 21.899 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. 0.006 min
Lab File: VN082919.D
Acq: 15 Jul 2024 15:49

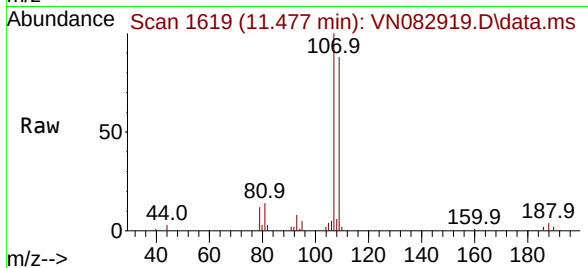
Tgt Ion:129 Resp: 32897
Ion Ratio Lower Upper
129 100
127 75.3 39.2 117.6





#61
1,2-Dibromoethane
Concen: 21.505 ug/l
RT: 11.477 min Scan# 1618
Delta R.T. 0.007 min
Lab File: VN082919.D
Acq: 15 Jul 2024 15:49

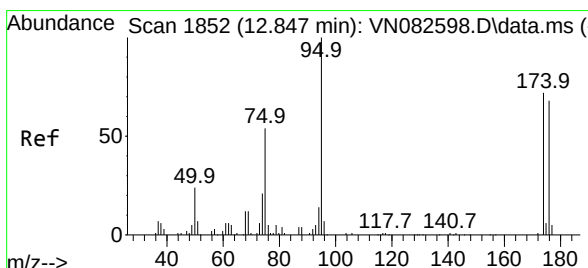
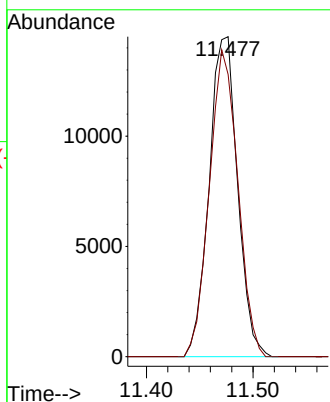
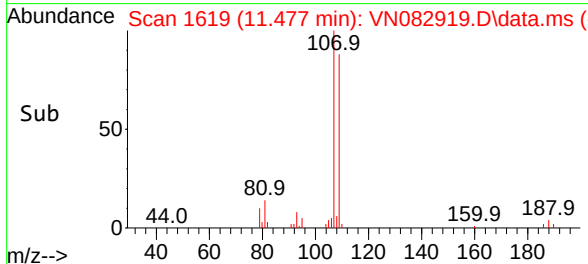
Instrument :
MSVOA_N
ClientSampleId :
VN0715WBSD01



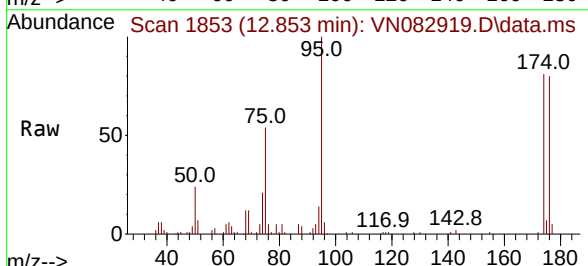
Tgt Ion:107 Resp: 26935
Ion Ratio Lower Upper
107 100
109 96.0 73.7 110.5

Manual Integrations
APPROVED

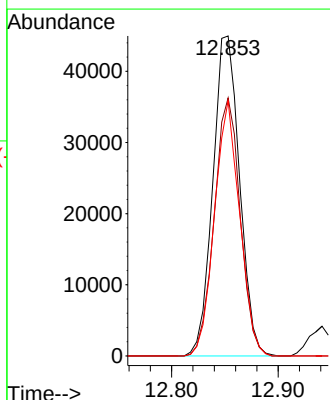
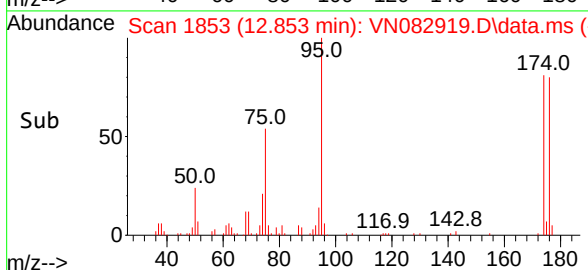
Reviewed By :John Carlone 07/16/2024
Supervised By :Mahesh Dadoda 07/16/2024

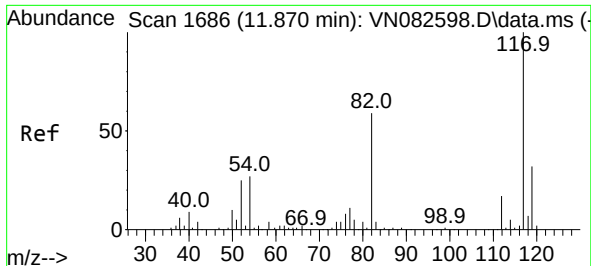


#62
4-Bromofluorobenzene
Concen: 48.784 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082919.D
Acq: 15 Jul 2024 15:49



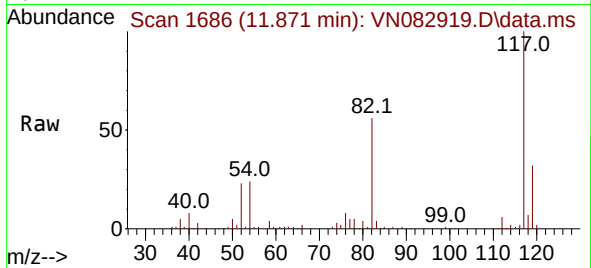
Tgt Ion: 95 Resp: 78360
Ion Ratio Lower Upper
95 100
174 78.2 0.0 159.2
176 75.2 0.0 147.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1168
Delta R.T. 0.001 min
Lab File: VN082919.D
Acq: 15 Jul 2024 15:49

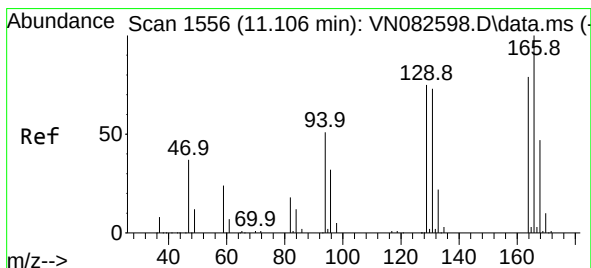
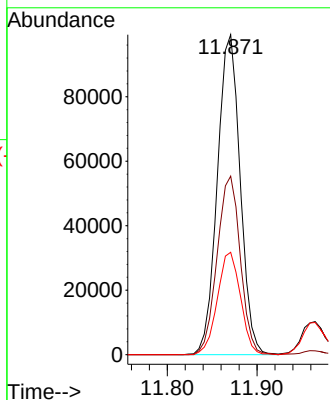
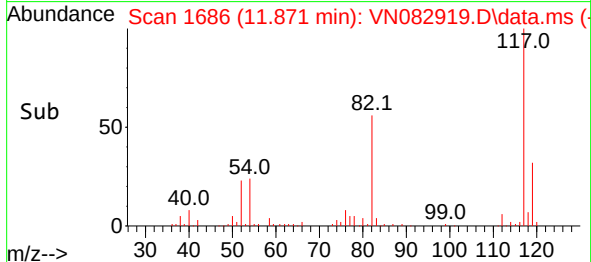
Instrument :
MSVOA_N
ClientSampleId :
VN0715WBSD01



Tgt Ion:117 Resp: 175344
Ion Ratio Lower Upper
117 100
82 55.8 47.5 71.3
119 32.0 25.6 38.4

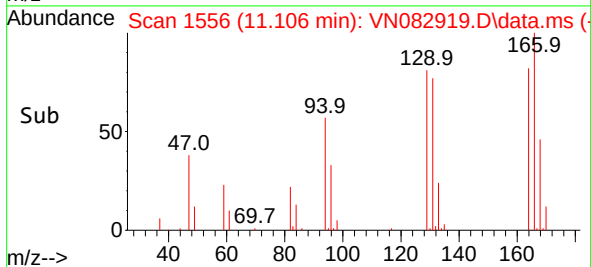
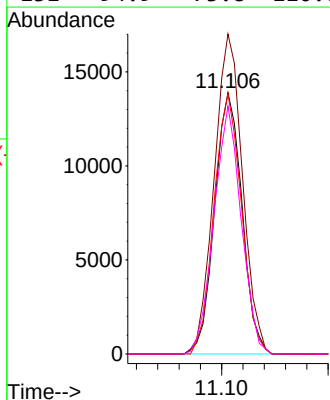
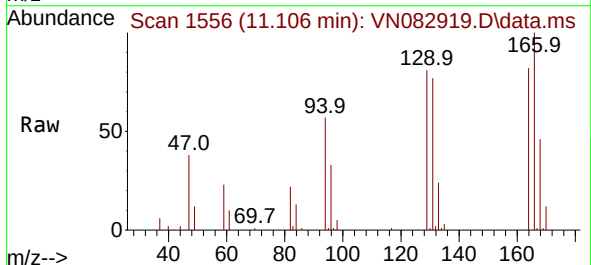
Manual Integrations
APPROVED

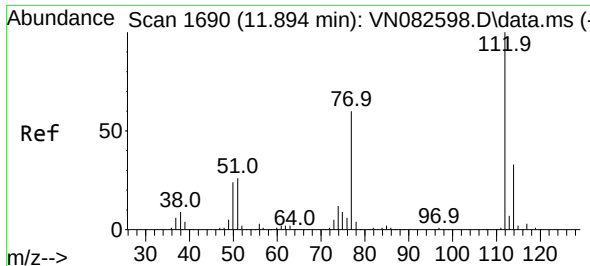
Reviewed By :John Carlone 07/16/2024
Supervised By :Mahesh Dadoda 07/16/2024



#64
Tetrachloroethene
Concen: 18.902 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VN082919.D
Acq: 15 Jul 2024 15:49

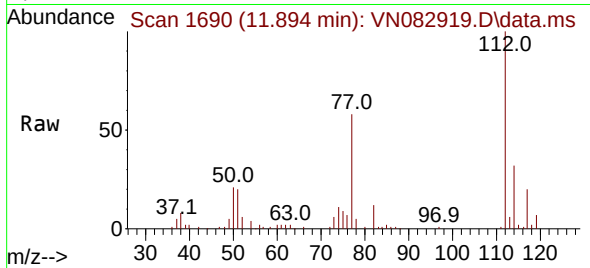
Tgt Ion:164 Resp: 24728
Ion Ratio Lower Upper
164 100
166 122.5 101.4 152.0
129 99.5 75.7 113.5
131 94.9 73.8 110.6





#65
Chlorobenzene
Concen: 19.306 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. 0.000 min
Lab File: VN082919.D
Acq: 15 Jul 2024 15:49

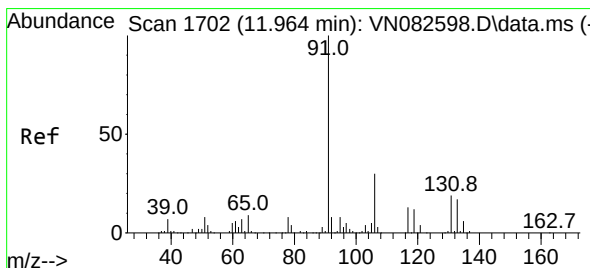
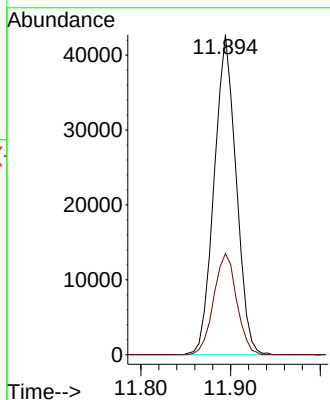
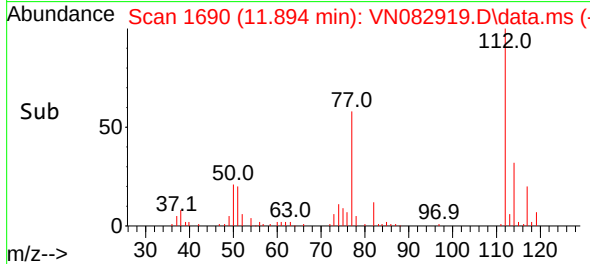
Instrument :
MSVOA_N
ClientSampleId :
VN0715WBSD01



Tgt Ion:112 Resp: 72540
Ion Ratio Lower Upper
112 100
114 31.5 26.2 39.2

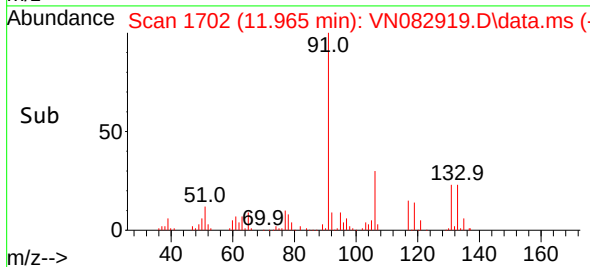
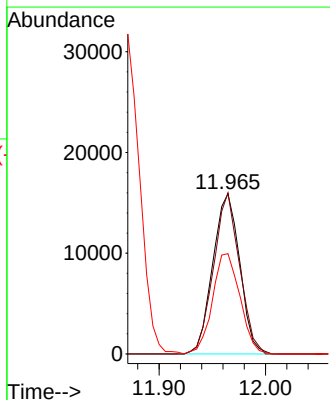
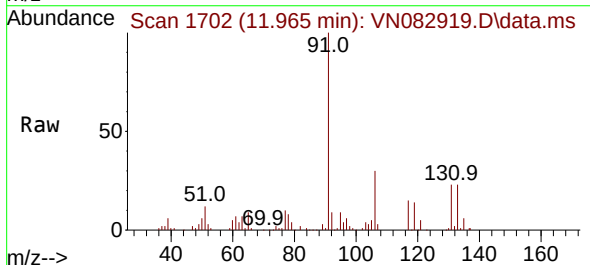
Manual Integrations
APPROVED

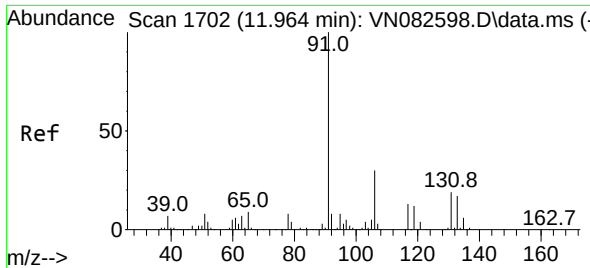
Reviewed By :John Carlone 07/16/2024
Supervised By :Mahesh Dadoda 07/16/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 20.891 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.001 min
Lab File: VN082919.D
Acq: 15 Jul 2024 15:49

Tgt Ion:131 Resp: 27920
Ion Ratio Lower Upper
131 100
133 96.9 47.3 142.0
119 64.0 32.5 97.4





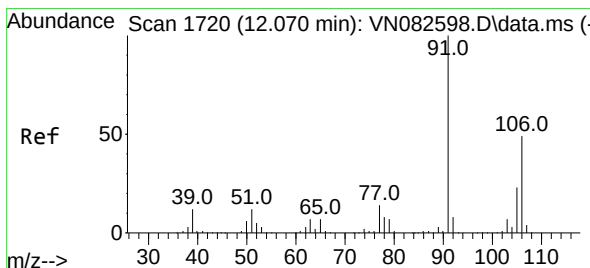
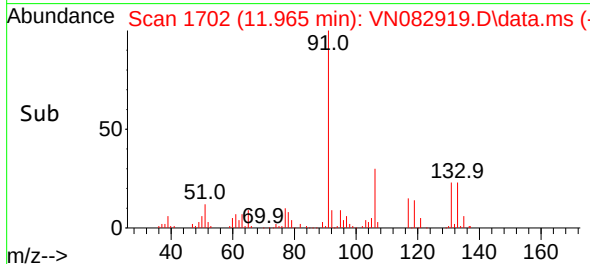
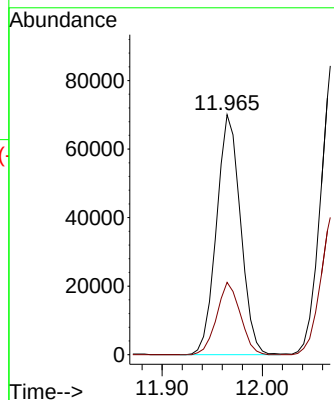
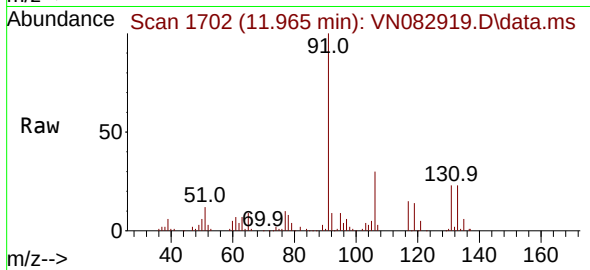
#67
Ethyl Benzene
Concen: 18.470 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.001 min
Lab File: VN082919.D
Acq: 15 Jul 2024 15:49

Instrument :
MSVOA_N
ClientSampleId :
VN0715WBSD01

Tgt Ion: 91 Resp: 116630
Ion Ratio Lower Upper
91 100
106 30.1 24.0 36.0

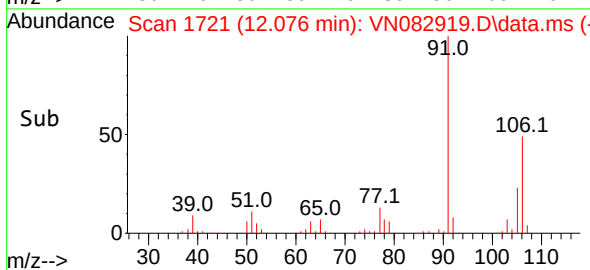
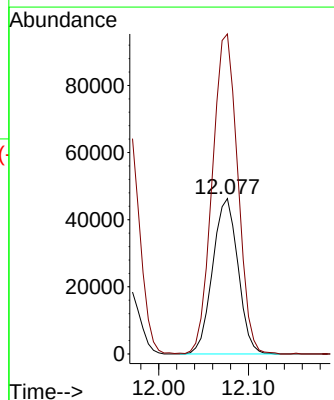
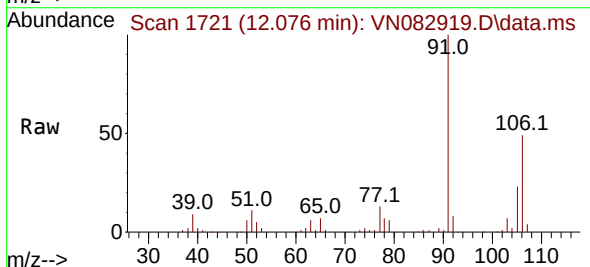
Manual Integrations
APPROVED

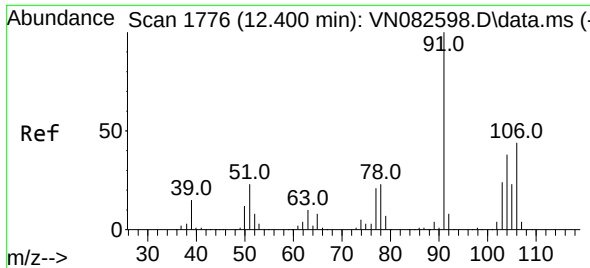
Reviewed By :John Carlone 07/16/2024
Supervised By :Mahesh Dadoda 07/16/2024



#68
m/p-Xylenes
Concen: 38.004 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.006 min
Lab File: VN082919.D
Acq: 15 Jul 2024 15:49

Tgt Ion:106 Resp: 90608
Ion Ratio Lower Upper
106 100
91 207.0 166.1 249.1





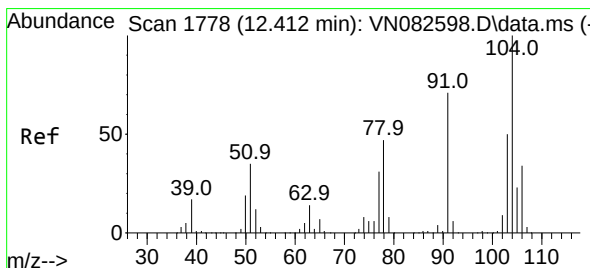
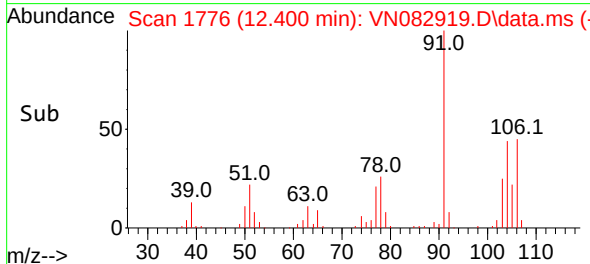
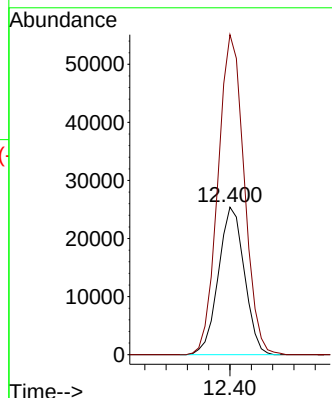
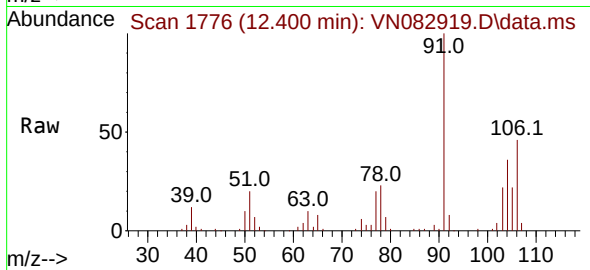
#69
o-Xylene
Concen: 18.854 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN082919.D
Acq: 15 Jul 2024 15:49

Instrument :
MSVOA_N
ClientSampleId :
VN0715WBSD01

Tgt Ion:106 Resp: 43070
Ion Ratio Lower Upper
106 100
91 218.7 111.3 333.9

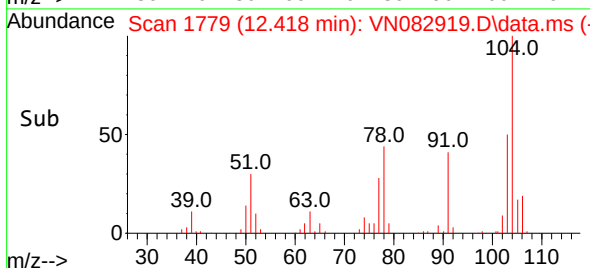
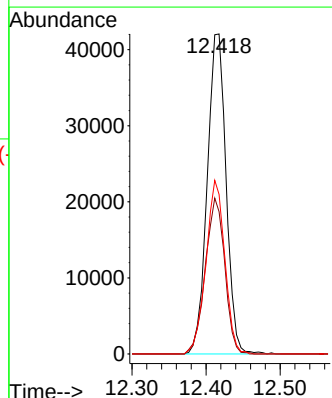
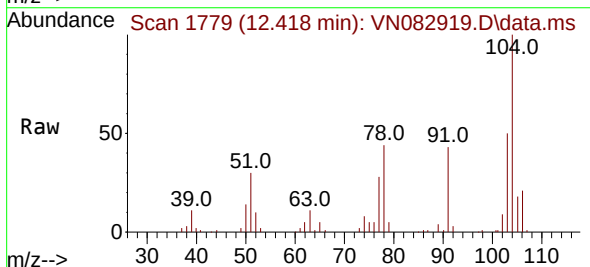
Manual Integrations
APPROVED

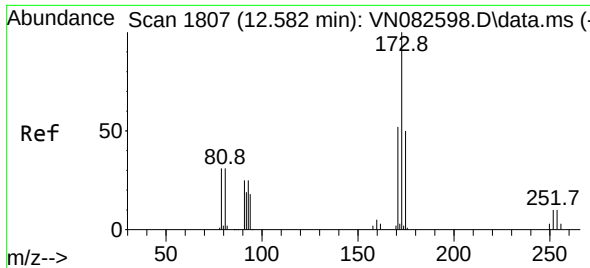
Reviewed By :John Carlone 07/16/2024
Supervised By :Mahesh Dadoda 07/16/2024



#70
Styrene
Concen: 19.705 ug/l
RT: 12.418 min Scan# 1779
Delta R.T. 0.006 min
Lab File: VN082919.D
Acq: 15 Jul 2024 15:49

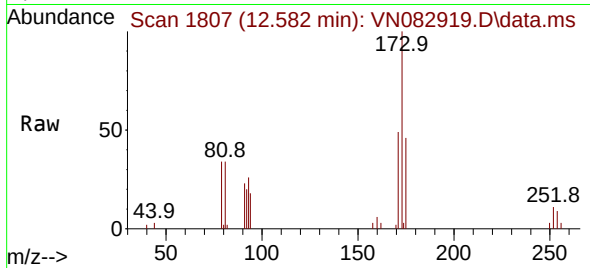
Tgt Ion:104 Resp: 74378
Ion Ratio Lower Upper
104 100
78 50.1 41.6 62.4
103 54.3 44.0 66.0





#71
Bromoform
Concen: 21.024 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN082919.D
Acq: 15 Jul 2024 15:49

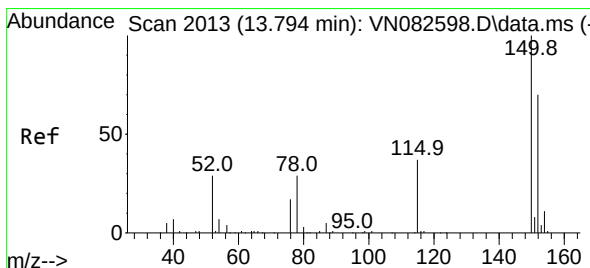
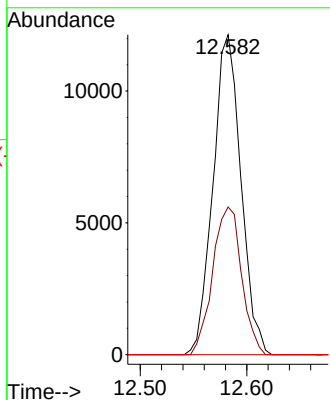
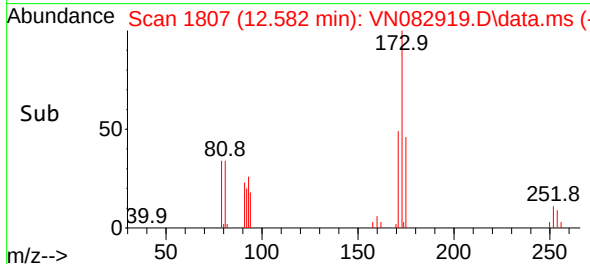
Instrument :
MSVOA_N
ClientSampleId :
VN0715WBSD01



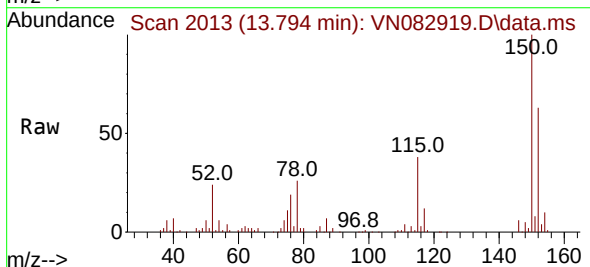
Tgt Ion:173 Resp: 2209
Ion Ratio Lower Upper
173 100
175 47.8 24.0 72.0
254 0.0 0.0 0.0

Manual Integrations
APPROVED

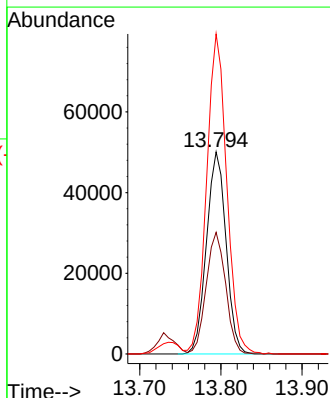
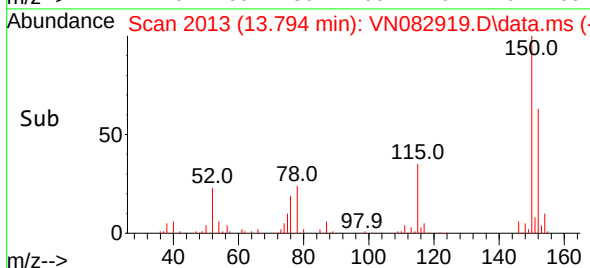
Reviewed By :John Carlone 07/16/2024
Supervised By :Mahesh Dadoda 07/16/2024

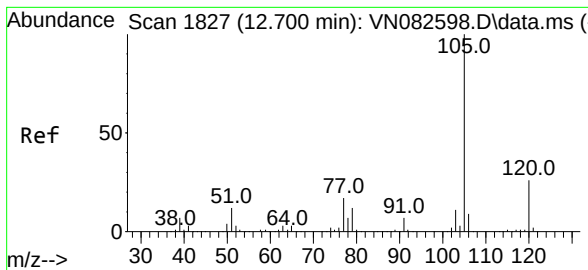


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN082919.D
Acq: 15 Jul 2024 15:49



Tgt Ion:152 Resp: 83890
Ion Ratio Lower Upper
152 100
115 59.8 30.6 91.6
150 162.3 0.0 348.6





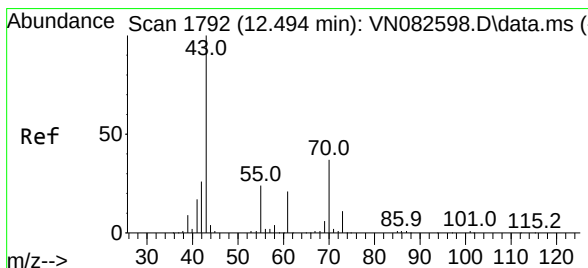
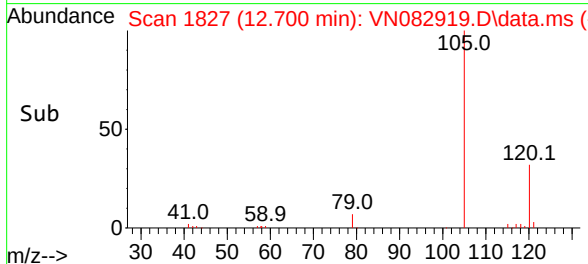
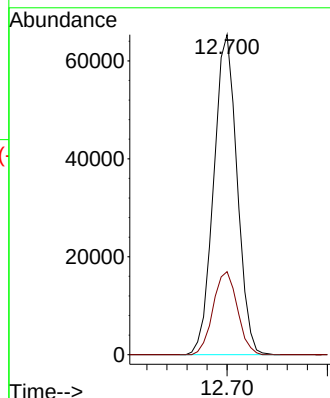
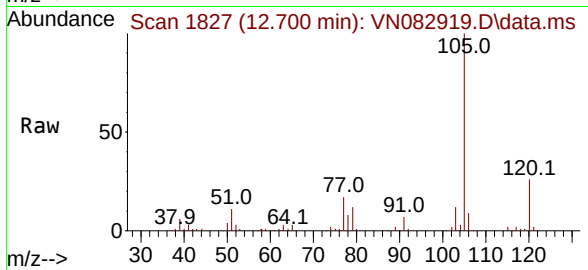
#73
Isopropylbenzene
Concen: 17.357 ug/l
RT: 12.700 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN082919.D
Acq: 15 Jul 2024 15:49

Instrument :
MSVOA_N
ClientSampleId :
VN0715WBSD01

Tgt Ion:105 Resp: 105804
Ion Ratio Lower Upper
105 100
120 26.9 12.9 38.6

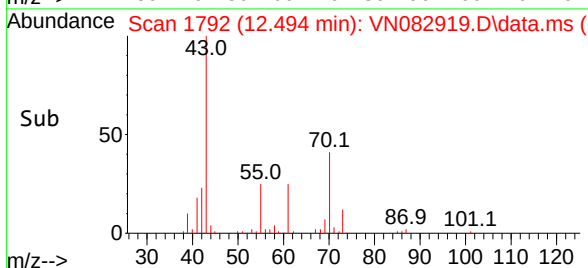
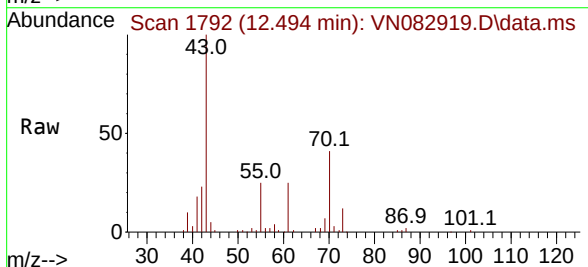
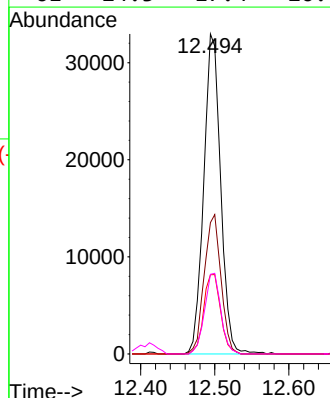
Manual Integrations
APPROVED

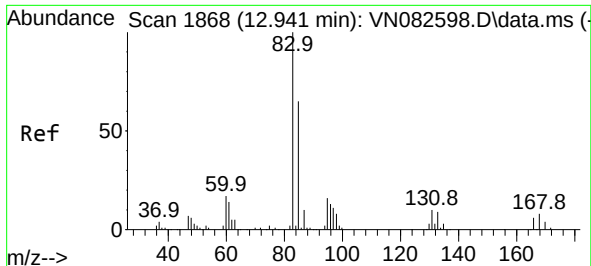
Reviewed By :John Carlone 07/16/2024
Supervised By :Mahesh Dadoda 07/16/2024



#74
N-ethyl acetate
Concen: 20.735 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VN082919.D
Acq: 15 Jul 2024 15:49

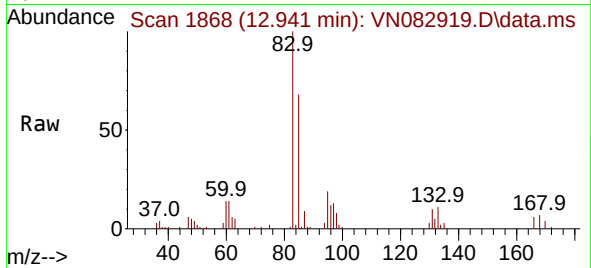
Tgt Ion: 43 Resp: 52282
Ion Ratio Lower Upper
43 100
70 43.1 29.8 44.6
55 24.9 18.7 28.1
61 24.3 17.4 26.0





#75
1,1,2,2-Tetrachloroethane
Concen: 21.632 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN082919.D
Acq: 15 Jul 2024 15:49

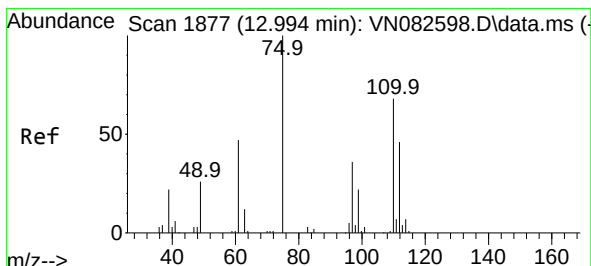
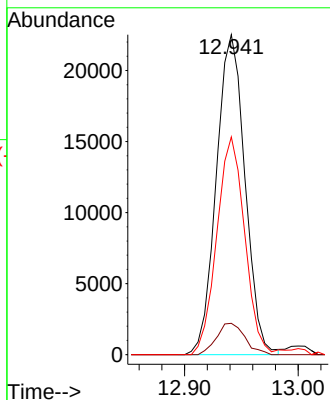
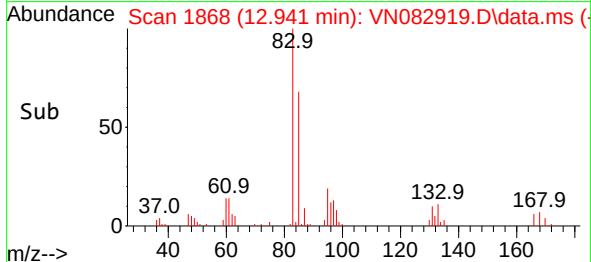
Instrument :
MSVOA_N
ClientSampleId :
VN0715WBSD01



Tgt Ion: 83 Resp: 39492
Ion Ratio Lower Upper
83 100
131 9.7 5.0 14.9
85 66.6 31.9 95.7

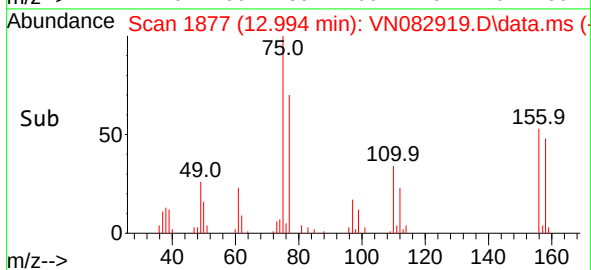
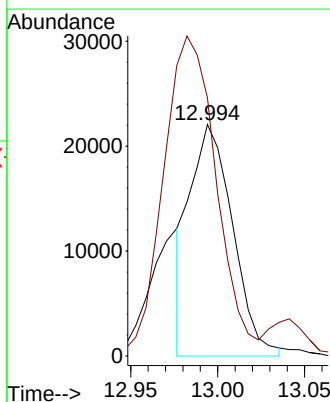
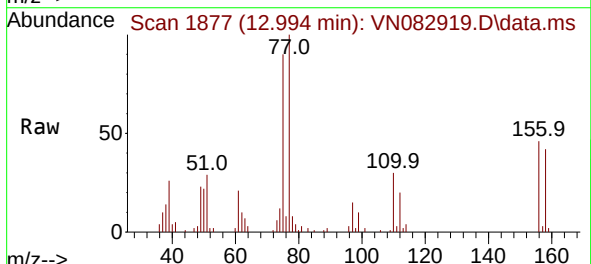
Manual Integrations
APPROVED

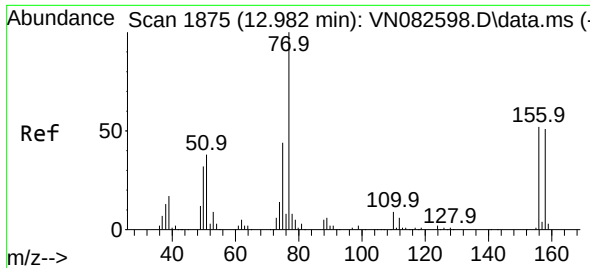
Reviewed By :John Carlone 07/16/2024
Supervised By :Mahesh Dadoda 07/16/2024



#76
1,2,3-Trichloropropane
Concen: 26.129 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. 0.000 min
Lab File: VN082919.D
Acq: 15 Jul 2024 15:49

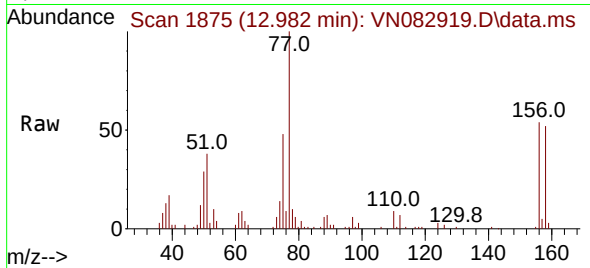
Tgt Ion: 75 Resp: 37790
Ion Ratio Lower Upper
75 100
77 170.5 110.9 332.6





#77
Bromobenzene
Concen: 18.424 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VN082919.D
Acq: 15 Jul 2024 15:49

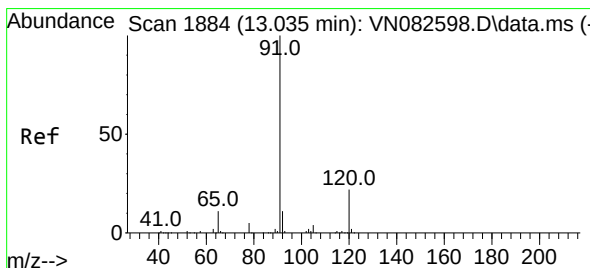
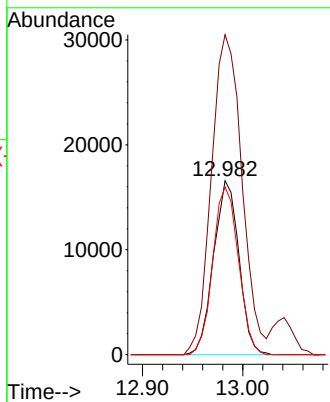
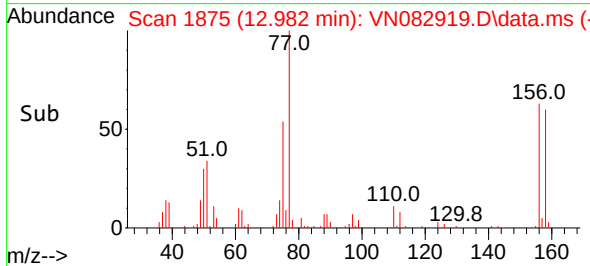
Instrument :
MSVOA_N
ClientSampleId :
VN0715WBSD01



Tgt Ion:156 Resp: 28974
Ion Ratio Lower Upper
156 100
77 222.3 111.3 333.8
158 97.8 48.3 144.9

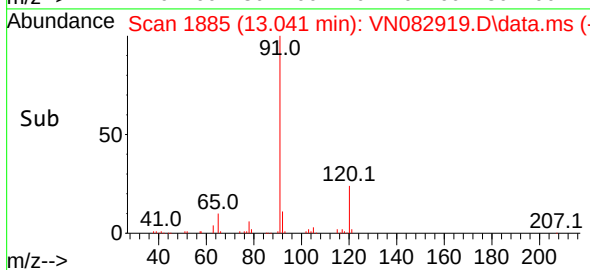
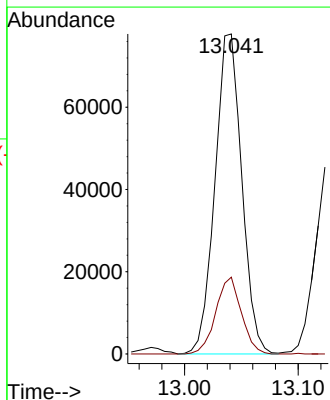
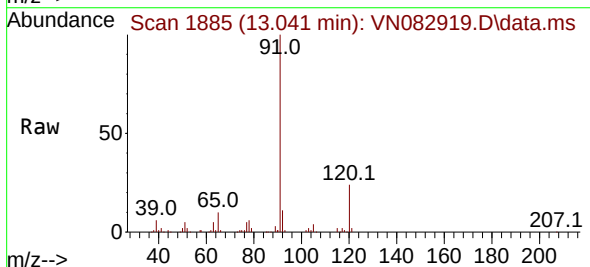
Manual Integrations
APPROVED

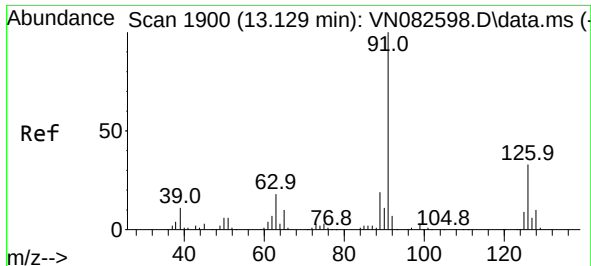
Reviewed By :John Carlone 07/16/2024
Supervised By :Mahesh Dadoda 07/16/2024



#78
n-propylbenzene
Concen: 18.226 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. 0.006 min
Lab File: VN082919.D
Acq: 15 Jul 2024 15:49

Tgt Ion: 91 Resp: 127740
Ion Ratio Lower Upper
91 100
120 22.8 10.9 32.9





#79

2-Chlorotoluene

Concen: 18.528 ug/l

RT: 13.129 min Scan# 1900

Delta R.T. 0.000 min

Lab File: VN082919.D

Acq: 15 Jul 2024 15:49

Instrument :

MSVOA_N

ClientSampleId :

VN0715WBSD01

Tgt Ion: 91 Resp: 8274

Ion Ratio Lower Upper

91 100

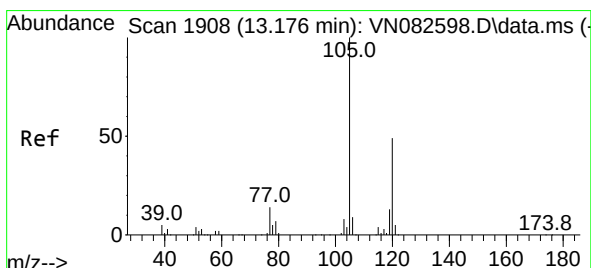
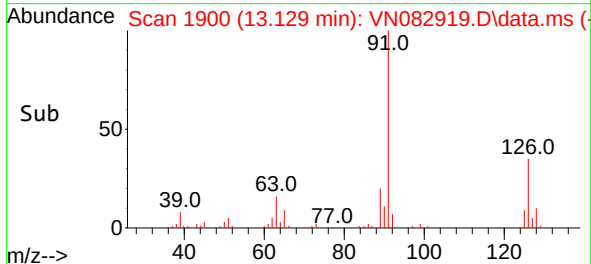
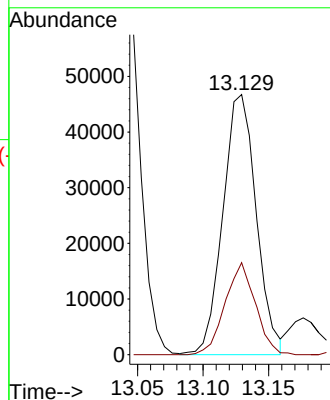
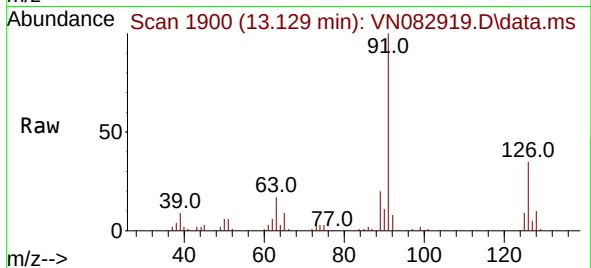
126 32.2 16.2 48.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/16/2024

Supervised By :Mahesh Dadoda 07/16/2024



#80

1,3,5-Trimethylbenzene

Concen: 18.236 ug/l

RT: 13.176 min Scan# 1908

Delta R.T. 0.000 min

Lab File: VN082919.D

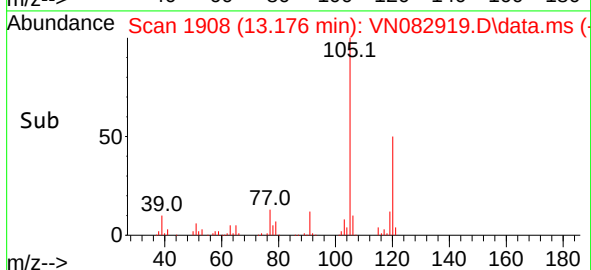
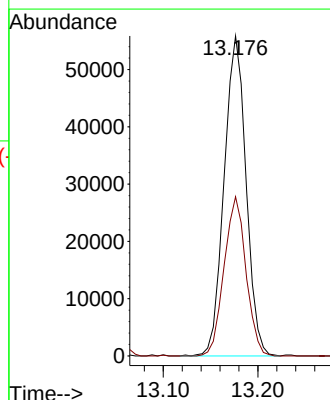
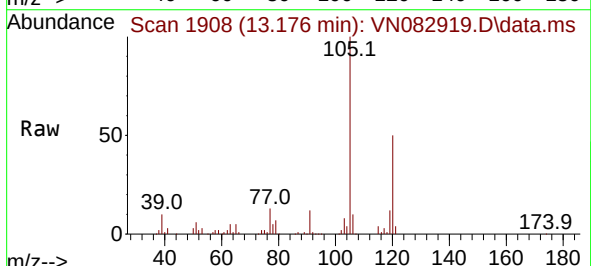
Acq: 15 Jul 2024 15:49

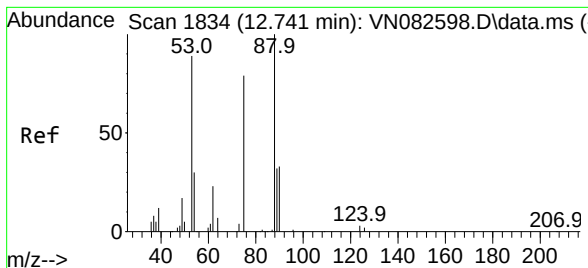
Tgt Ion:105 Resp: 89855

Ion Ratio Lower Upper

105 100

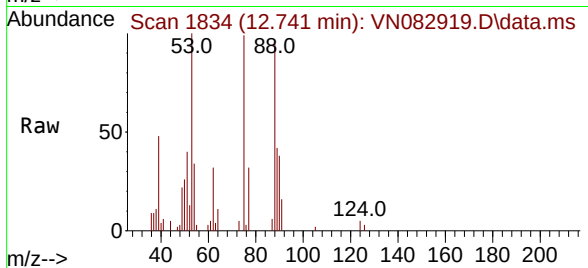
120 49.6 24.3 72.8





#81
trans-1,4-Dichloro-2-butene
Concen: 21.170 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN082919.D
Acq: 15 Jul 2024 15:49

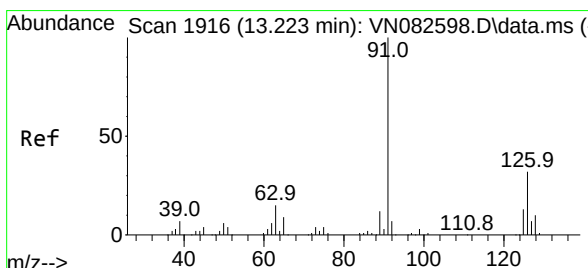
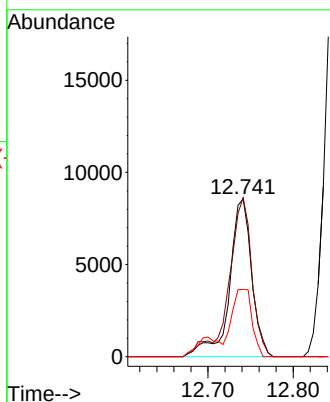
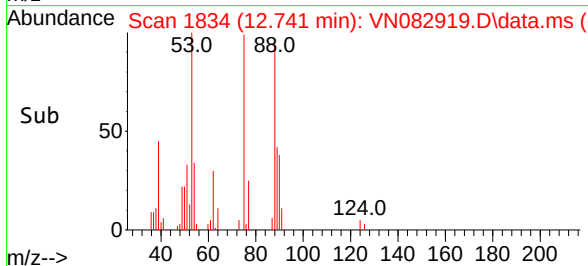
Instrument :
MSVOA_N
ClientSampleId :
VN0715WBSD01



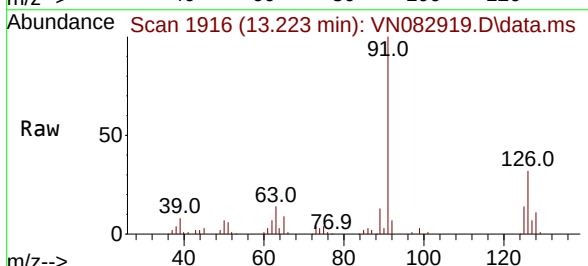
Tgt Ion: 75 Resp: 1556
Ion Ratio Lower Upper
75 100
53 104.1 88.4 132.6
89 38.6 36.3 54.5

Manual Integrations
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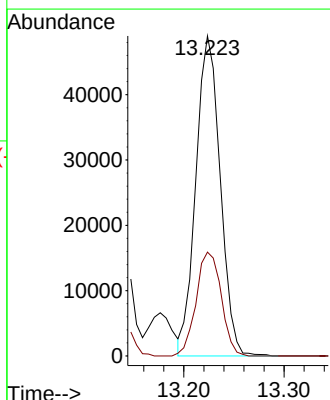
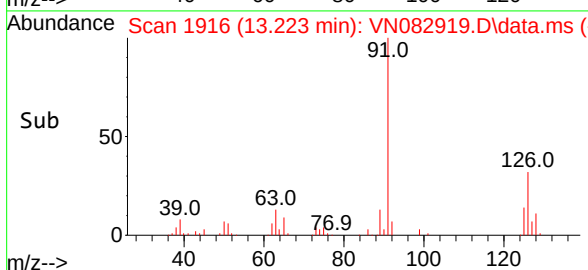
Reviewed By :John Carlone 07/16/2024
Supervised By :Mahesh Dadoda 07/16/2024

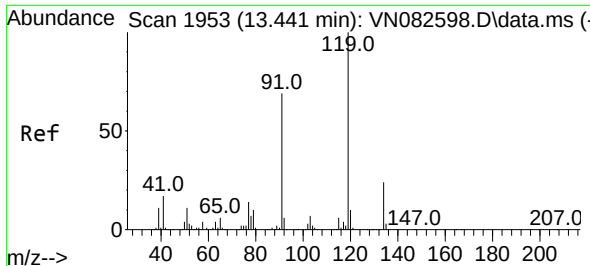


#82
4-Chlorotoluene
Concen: 18.751 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN082919.D
Acq: 15 Jul 2024 15:49



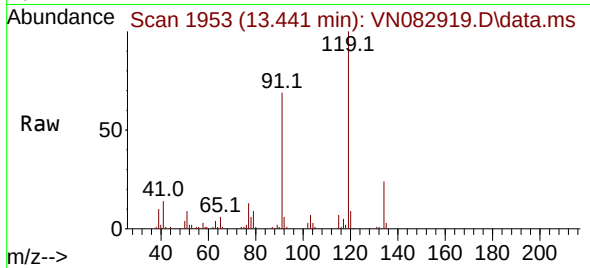
Tgt Ion: 91 Resp: 82881
Ion Ratio Lower Upper
91 100
126 33.4 16.2 48.6





#83
tert-Butylbenzene
Concen: 16.945 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN082919.D
Acq: 15 Jul 2024 15:49

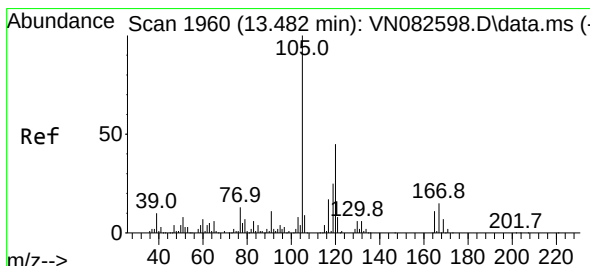
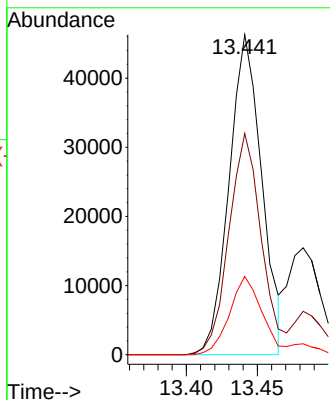
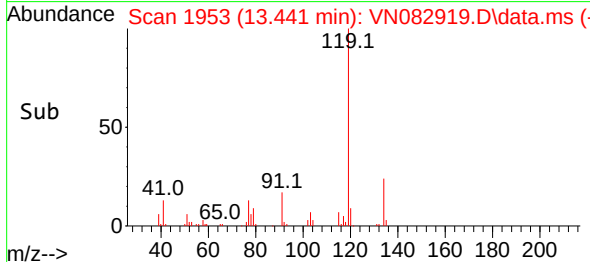
Instrument :
MSVOA_N
ClientSampleId :
VN0715WBSD01



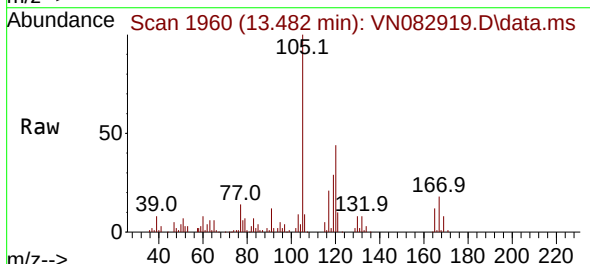
Tgt Ion:119 Resp: 7402
Ion Ratio Lower Upper
119 100
91 69.2 35.0 105.1
134 24.4 13.3 39.8

Manual Integrations
APPROVED

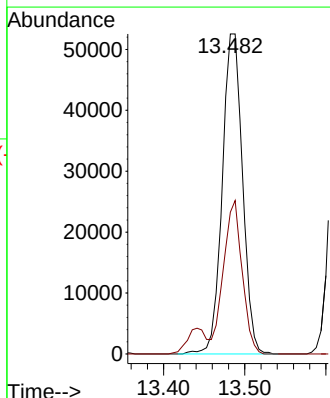
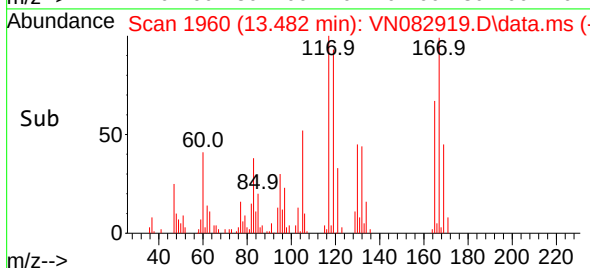
Reviewed By :John Carlone 07/16/2024
Supervised By :Mahesh Dadoda 07/16/2024

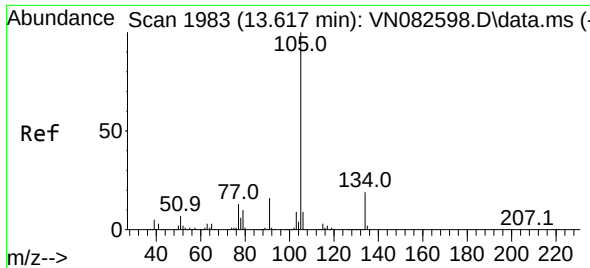


#84
1,2,4-Trimethylbenzene
Concen: 18.177 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN082919.D
Acq: 15 Jul 2024 15:49



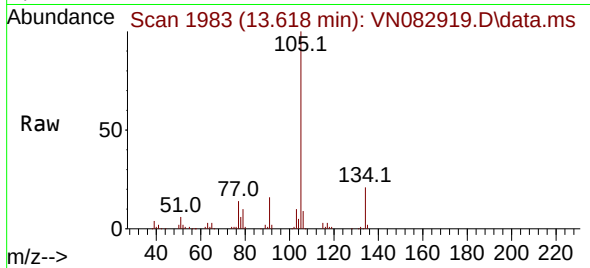
Tgt Ion:105 Resp: 91288
Ion Ratio Lower Upper
105 100
120 43.9 21.9 65.8





#85
 sec-Butylbenzene
 Concen: 17.620 ug/l
 RT: 13.618 min Scan# 1983
 Delta R.T. 0.001 min
 Lab File: VN082919.D
 Acq: 15 Jul 2024 15:49

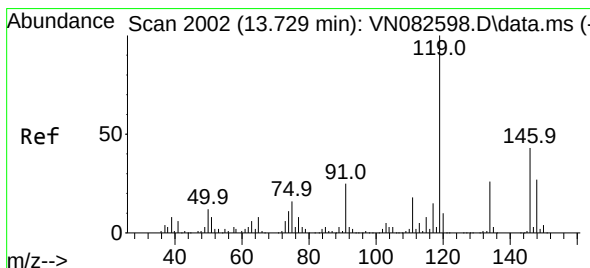
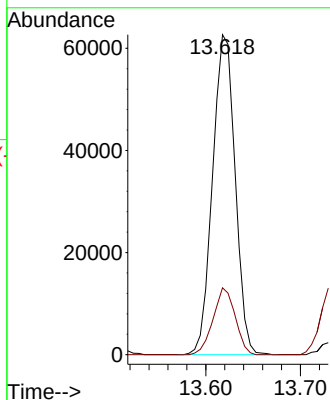
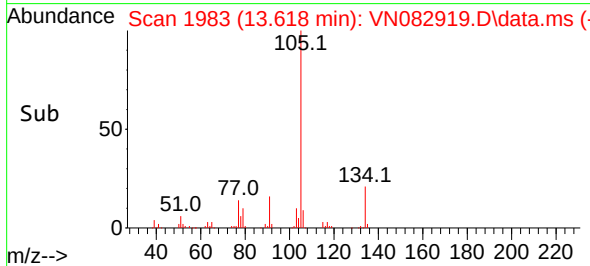
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0715WBSD01



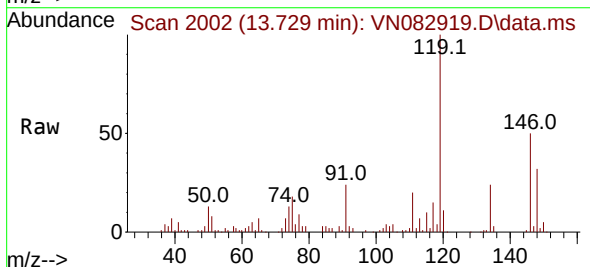
Tgt Ion:105 Resp: 104010
 Ion Ratio Lower Upper
 105 100
 134 20.4 9.8 29.3

Manual Integrations
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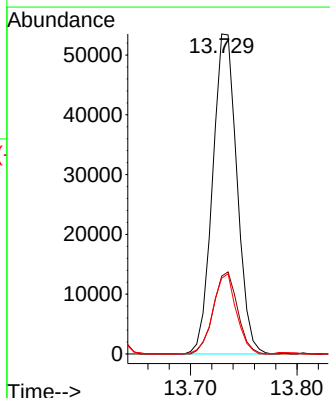
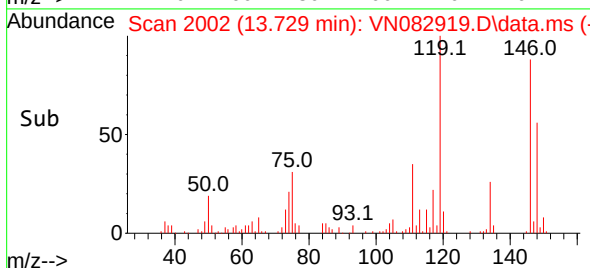
Reviewed By :John Carlone 07/16/2024
 Supervised By :Mahesh Dadoda 07/16/2024

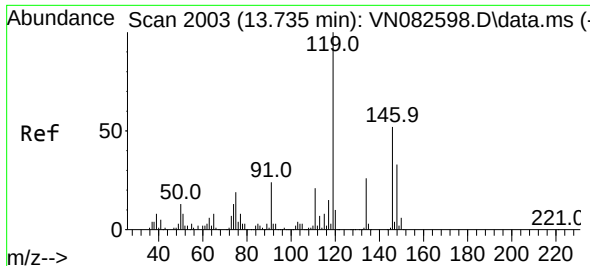


#86
 p-Isopropyltoluene
 Concen: 17.242 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN082919.D
 Acq: 15 Jul 2024 15:49



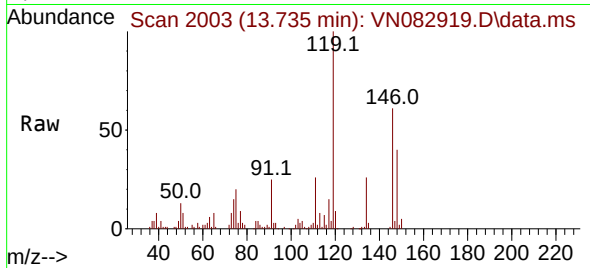
Tgt Ion:119 Resp: 84919
 Ion Ratio Lower Upper
 119 100
 134 25.5 13.0 39.0
 91 24.1 12.3 36.9





#87
1,3-Dichlorobenzene
Concen: 18.695 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.000 min
Lab File: VN082919.D
Acq: 15 Jul 2024 15:49

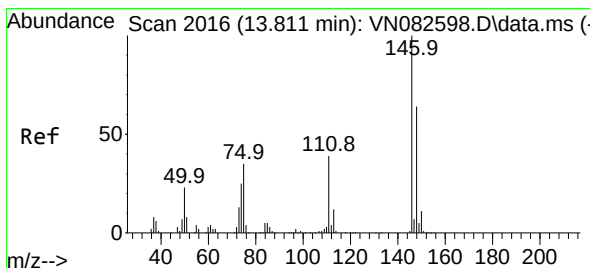
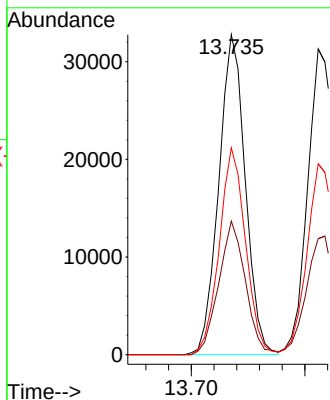
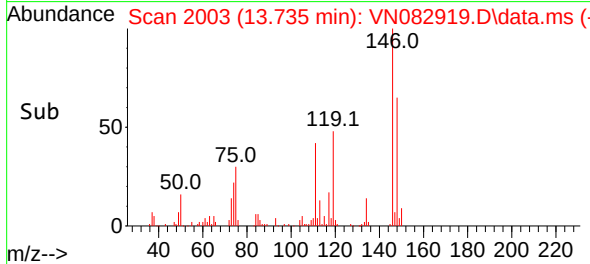
Instrument :
MSVOA_N
ClientSampleId :
VN0715WBSD01



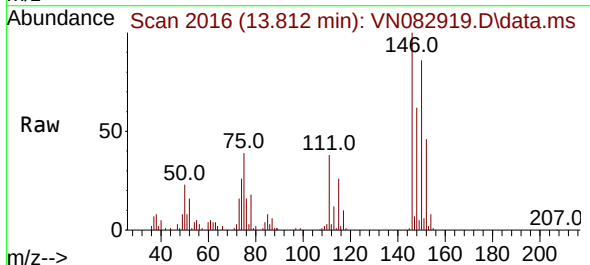
Tgt Ion:146 Resp: 53110
Ion Ratio Lower Upper
146 100
111 42.1 20.6 61.9
148 64.1 31.8 95.3

Manual Integrations
APPROVED

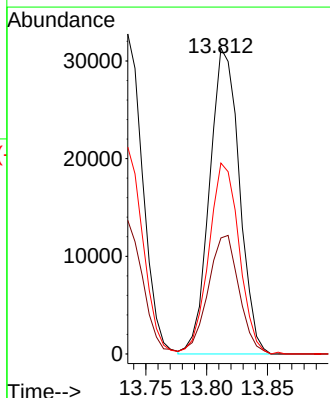
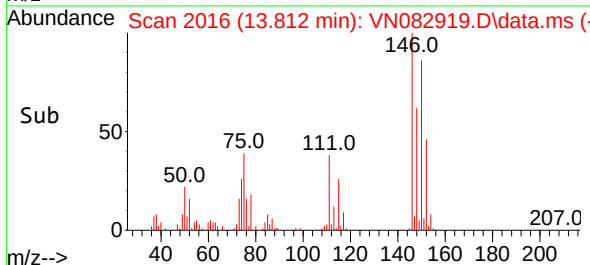
Reviewed By :John Carlone 07/16/2024
Supervised By :Mahesh Dadoda 07/16/2024

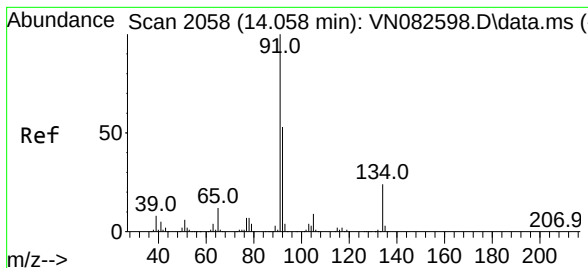


#88
1,4-Dichlorobenzene
Concen: 18.166 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. 0.001 min
Lab File: VN082919.D
Acq: 15 Jul 2024 15:49



Tgt Ion:146 Resp: 53371
Ion Ratio Lower Upper
146 100
111 40.4 20.1 60.3
148 63.5 32.2 96.6





#89

n-Butylbenzene

Concen: 16.737 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. 0.001 min

Lab File: VN082919.D

Acq: 15 Jul 2024 15:49

Instrument :

MSVOA_N

ClientSampleId :

VN0715WBSD01

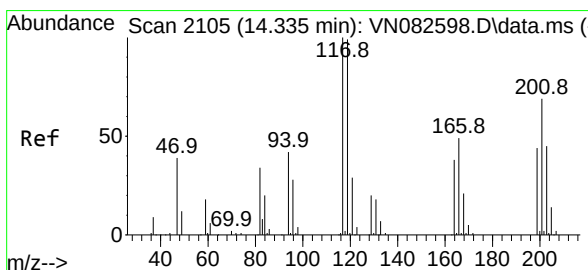
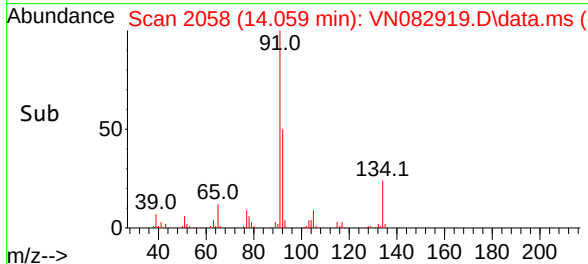
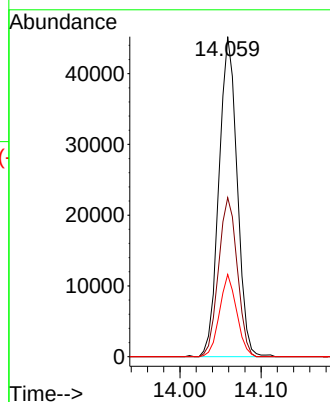
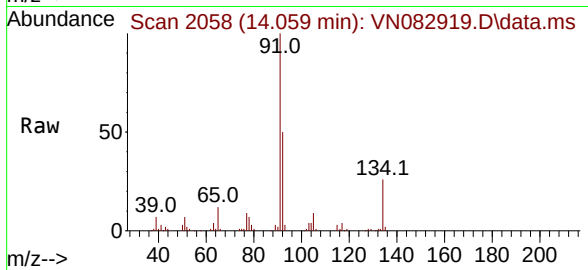
Tgt Ion: 91	Resp: 7062
Ion Ratio	Lower Upper
91	100
92	51.0 26.1 78.3
134	24.2 12.1 36.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/16/2024

Supervised By :Mahesh Dadoda 07/16/2024



#90

Hexachloroethane

Concen: 18.281 ug/l

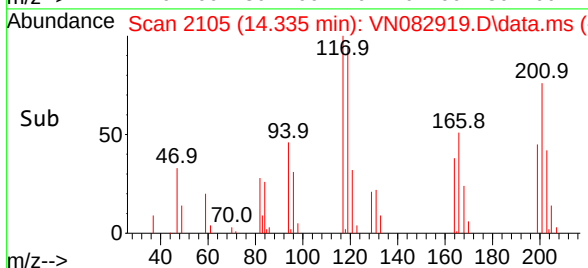
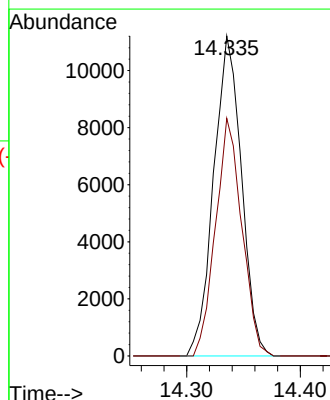
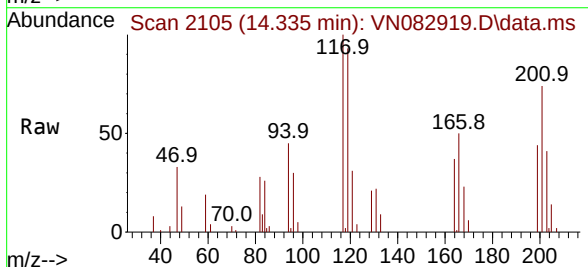
RT: 14.335 min Scan# 2105

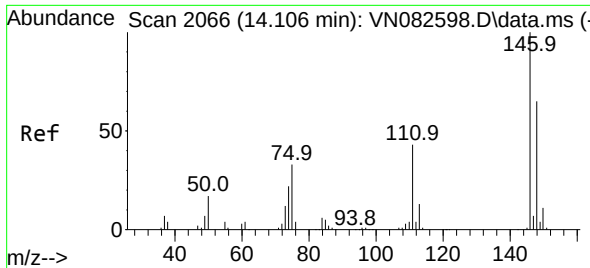
Delta R.T. 0.000 min

Lab File: VN082919.D

Acq: 15 Jul 2024 15:49

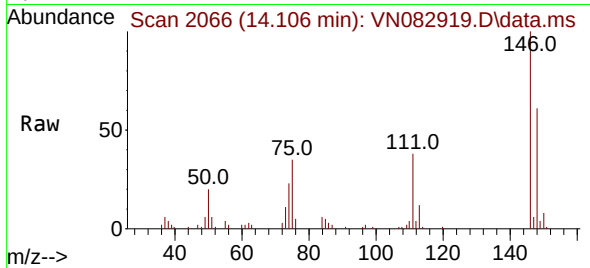
Tgt Ion: 117	Resp: 19051
Ion Ratio	Lower Upper
117	100
201	70.4 35.8 107.3





#91
1,2-Dichlorobenzene
Concen: 18.865 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN082919.D
Acq: 15 Jul 2024 15:49

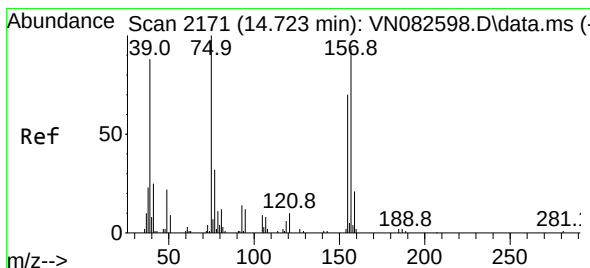
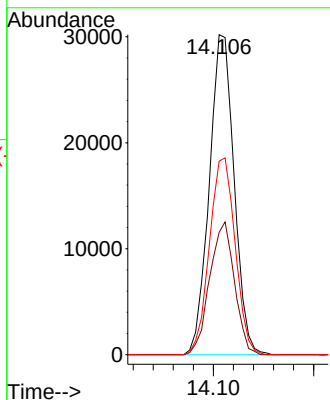
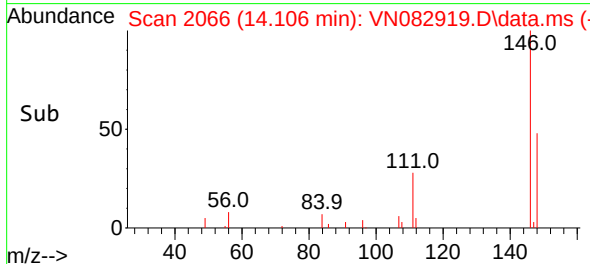
Instrument :
MSVOA_N
ClientSampleId :
VN0715WBSD01



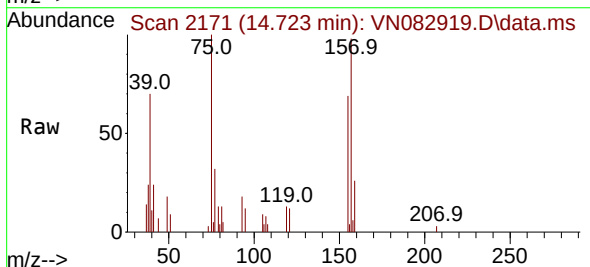
Tgt Ion:146 Resp: 52035
Ion Ratio Lower Upper
146 100
111 41.3 21.4 64.2
148 63.6 32.1 96.5

Manual Integrations
APPROVED

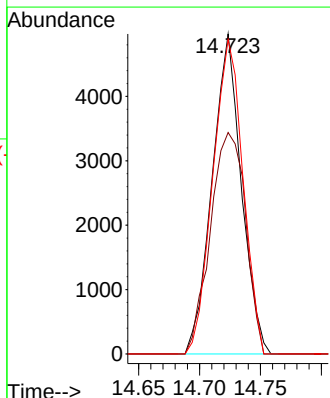
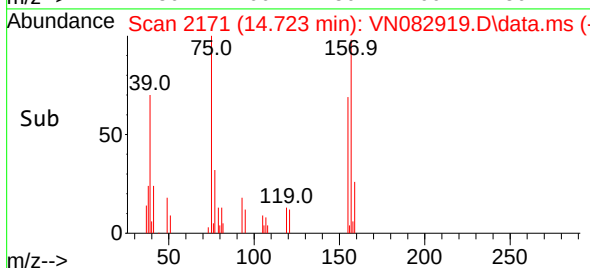
Reviewed By :John Carlone 07/16/2024
Supervised By :Mahesh Dadoda 07/16/2024

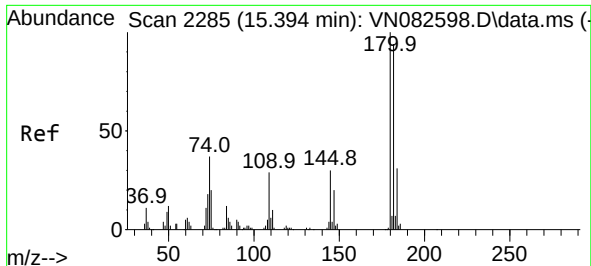


#92
1,2-Dibromo-3-Chloropropane
Concen: 19.580 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN082919.D
Acq: 15 Jul 2024 15:49



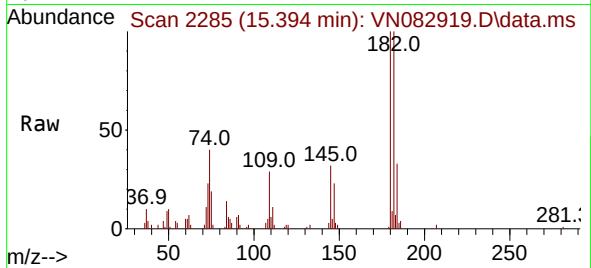
Tgt Ion: 75 Resp: 8270
Ion Ratio Lower Upper
75 100
155 83.2 36.6 109.8
157 101.5 46.9 140.6





#93
1,2,4-Trichlorobenzene
Concen: 16.737 ug/l
RT: 15.394 min Scan# 2285
Delta R.T. -0.000 min
Lab File: VN082919.D
Acq: 15 Jul 2024 15:49

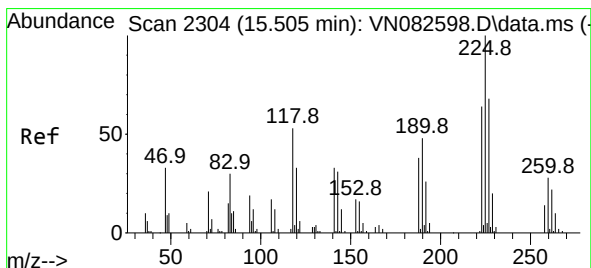
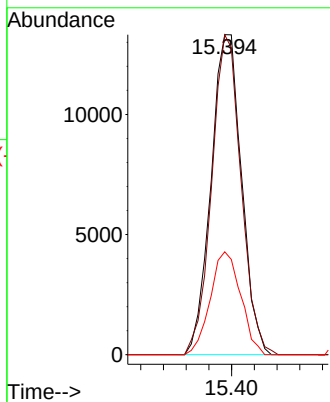
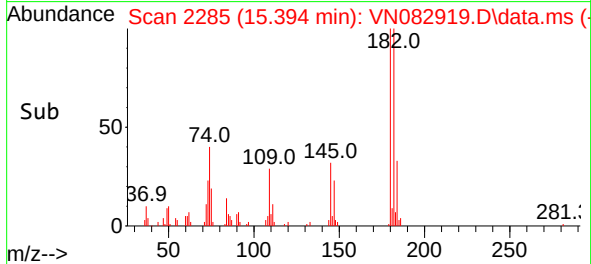
Instrument :
MSVOA_N
ClientSampleId :
VN0715WBSD01



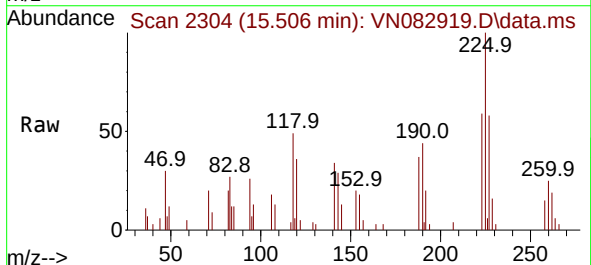
Tgt Ion:180 Resp: 2486
Ion Ratio Lower Upper
180 100
182 96.0 47.3 141.8
145 32.0 15.7 47.1

Manual Integrations
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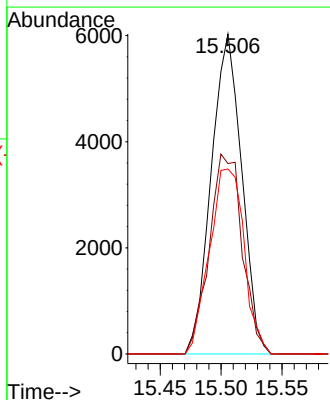
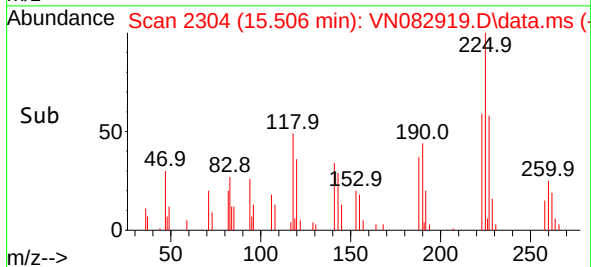
Reviewed By :John Carlone 07/16/2024
Supervised By :Mahesh Dadoda 07/16/2024

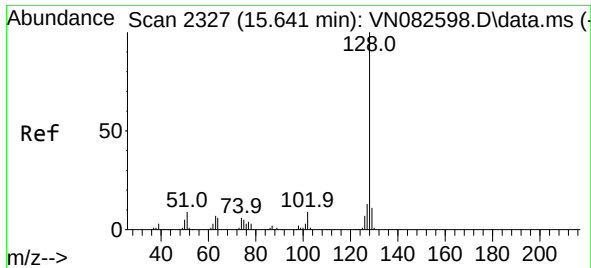


#94
Hexachlorobutadiene
Concen: 15.908 ug/l
RT: 15.506 min Scan# 2304
Delta R.T. 0.001 min
Lab File: VN082919.D
Acq: 15 Jul 2024 15:49



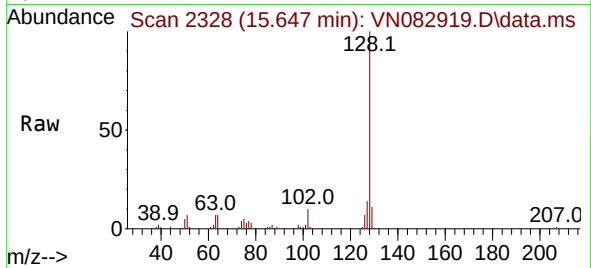
Tgt Ion:225 Resp: 10478
Ion Ratio Lower Upper
225 100
223 67.9 31.9 95.7
227 65.8 32.5 97.5





#95
Naphthalene
Concen: 16.923 ug/l
RT: 15.647 min Scan# 2327
Delta R.T. 0.006 min
Lab File: VN082919.D
Acq: 15 Jul 2024 15:49

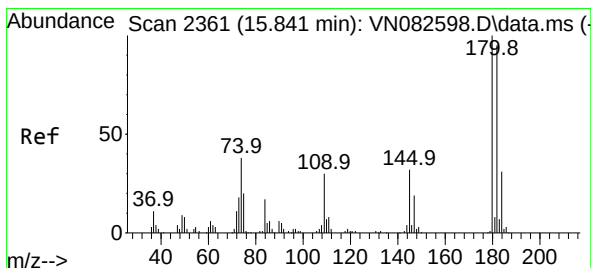
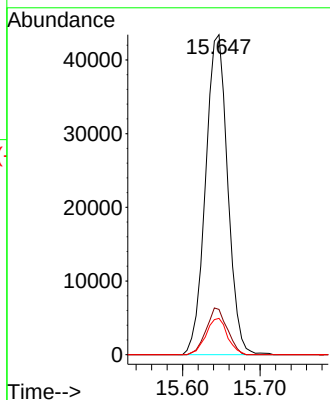
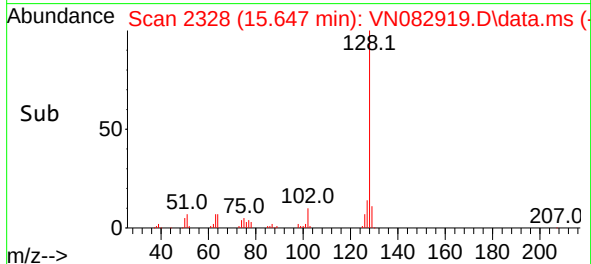
Instrument :
MSVOA_N
ClientSampleId :
VN0715WBSD01



Tgt Ion:128 Resp: 86120
Ion Ratio Lower Upper
128 100
127 13.8 10.6 16.0
129 11.0 8.6 12.8

Manual Integrations
APPROVED

Reviewed By :John Carlone 07/16/2024
Supervised By :Mahesh Dadoda 07/16/2024



#96
1,2,3-Trichlorobenzene
Concen: 17.777 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. -0.000 min
Lab File: VN082919.D
Acq: 15 Jul 2024 15:49

Tgt Ion:180 Resp: 27158
Ion Ratio Lower Upper
180 100
182 93.8 48.9 146.8
145 31.9 16.8 50.4

