

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091522\
 Data File : VN074462.D
 Acq On : 15 Sep 2022 15:21
 Operator : JC\MD
 Sample : VN0915WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0915WBS01

Quant Time: Sep 15 19:22:36 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091522W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 15 19:20:33 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/16/2022
 Supervised By : Mahesh Dadoda 09/16/2022

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	428862	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.898	114	806345	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	725840	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	311521	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.363	65	337871	46.432	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	92.860%		
35) Dibromofluoromethane	7.951	113	264181	49.321	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.640%		
50) Toluene-d8	10.381	98	1010079	48.760	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	97.520%		
62) 4-Bromofluorobenzene	12.675	95	353078	49.765	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	99.540%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.046	85	82027	17.574	ug/l	98
3) Chloromethane	2.263	50	151554	19.463	ug/l	91
4) Vinyl Chloride	2.405	62	150261	17.885	ug/l	90
5) Bromomethane	2.787	94	100003	22.571	ug/l	99
6) Chloroethane	2.952	64	124415	21.680	ug/l	97
7) Trichlorofluoromethane	3.310	101	165683	17.858	ug/l	98
8) Diethyl Ether	3.763	74	84884	17.941	ug/l	80
9) 1,1,2-Trichlorotrifluo...	4.134	101	106176	18.498	ug/l	90
10) Methyl Iodide	4.352	142	127930	18.893	ug/l	96
11) Tert butyl alcohol	5.275	59	206210	86.993	ug/l	100
12) 1,1-Dichloroethene	4.110	96	106229	19.217	ug/l	90
13) Acrolein	3.969	56	69496	80.282	ug/l	96
14) Allyl chloride	4.757	41	239823	17.782	ug/l	96
15) Acrylonitrile	5.463	53	493611	92.690	ug/l	100
16) Acetone	4.216	43	458297	98.424	ug/l	97
17) Carbon Disulfide	4.452	76	273251	17.642	ug/l	98
18) Methyl Acetate	4.763	43	256691	17.749	ug/l #	87
19) Methyl tert-butyl Ether	5.528	73	440310	18.496	ug/l	98
20) Methylene Chloride	5.004	84	135959	19.144	ug/l	86
21) trans-1,2-Dichloroethene	5.504	96	114415	18.713	ug/l	96
22) Diisopropyl ether	6.404	45	512303	18.916	ug/l #	92
23) Vinyl Acetate	6.346	43	2279009	95.408	ug/l #	91
24) 1,1-Dichloroethane	6.298	63	250994	18.541	ug/l	97
25) 2-Butanone	7.257	43	746648	96.579	ug/l #	87
26) 2,2-Dichloropropane	7.245	77	215785	18.488	ug/l	99
27) cis-1,2-Dichloroethene	7.245	96	143991	18.133	ug/l	92
28) Bromochloromethane	7.575	49	78084	19.571	ug/l #	70
29) Tetrahydrofuran	7.610	42	487235	95.856	ug/l #	84
30) Chloroform	7.745	83	233092	18.655	ug/l	97
31) Cyclohexane	8.022	56	237036	18.352	ug/l	90
32) 1,1,1-Trichloroethane	7.940	97	196484	17.929	ug/l	94
36) 1,1-Dichloropropene	8.145	75	171120	18.049	ug/l	95
37) Ethyl Acetate	7.334	43	292241	19.959	ug/l	94
38) Carbon Tetrachloride	8.134	117	160179	18.299	ug/l	96
39) Methylcyclohexane	9.392	83	221145	19.616	ug/l	93
40) Benzene	8.387	78	555066	18.933	ug/l	100

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 Quant Title : SW846 8260
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Manual Integrations
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 Supervised By : Mahesh Dadoda 09/16/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.563	41	114302	16.147	ug/l	95
42) 1,2-Dichloroethane	8.457	62	191349	19.019	ug/l	99
43) Isopropyl Acetate	8.492	43	445980	19.445	ug/l #	92
44) Trichloroethene	9.151	130	119368	18.816	ug/l	100
45) 1,2-Dichloropropane	9.422	63	148815	18.470	ug/l #	87
46) Dibromomethane	9.516	93	93691	18.566	ug/l #	82
47) Bromodichloromethane	9.698	83	186698	18.871	ug/l	97
48) Methyl methacrylate	9.492	41	182768	17.972	ug/l	90
49) 1,4-Dioxane	9.504	88	73324	375.027	ug/l #	94
51) 4-Methyl-2-Pentanone	10.269	43	1464146	97.760	ug/l	90
52) Toluene	10.445	92	335413	19.510	ug/l	97
53) t-1,3-Dichloropropene	10.657	75	220075	19.086	ug/l	94
54) cis-1,3-Dichloropropene	10.128	75	236569	19.172	ug/l #	86
55) 1,1,2-Trichloroethane	10.833	97	136464	18.739	ug/l	94
56) Ethyl methacrylate	10.698	69	249323	19.167	ug/l #	82
57) 1,3-Dichloropropane	10.986	76	238758	18.700	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.981	63	481173	84.051	ug/l	89
59) 2-Hexanone	11.028	43	1131621	98.976	ug/l	90
60) Dibromochloromethane	11.180	129	130543	18.726	ug/l	99
61) 1,2-Dibromoethane	11.286	107	131136	18.537	ug/l	98
64) Tetrachloroethene	10.916	164	91185	18.306	ug/l	94
65) Chlorobenzene	11.710	112	337757	18.536	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.780	131	123370	18.634	ug/l	98
67) Ethyl Benzene	11.786	91	645559	19.296	ug/l	98
68) m/p-Xylenes	11.892	106	483749	39.109	ug/l	97
69) o-Xylene	12.222	106	235613	18.682	ug/l	93
70) Styrene	12.233	104	394807	18.819	ug/l	99
71) Bromoform	12.398	173	89110	18.313	ug/l #	97
73) Isopropylbenzene	12.522	105	620951	19.467	ug/l	98
74) N-amyl acetate	12.327	43	381976	19.153	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	12.769	83	231771	18.132	ug/l	98
76) 1,2,3-Trichloropropane	12.822	75	179227m	18.691	ug/l	
77) Bromobenzene	12.798	156	126882	18.621	ug/l	74
78) n-propylbenzene	12.863	91	736680	19.391	ug/l	93
79) 2-Chlorotoluene	12.945	91	436107	19.230	ug/l	94
80) 1,3,5-Trimethylbenzene	12.998	105	506327	19.473	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.569	75	81912	18.437	ug/l	94
82) 4-Chlorotoluene	13.045	91	415106	19.257	ug/l	96
83) tert-Butylbenzene	13.263	119	437868	18.503	ug/l	95
84) 1,2,4-Trimethylbenzene	13.310	105	500832	19.140	ug/l	99
85) sec-Butylbenzene	13.445	105	619475	19.065	ug/l	98
86) p-Isopropyltoluene	13.557	119	482586	19.051	ug/l	96
87) 1,3-Dichlorobenzene	13.557	146	235271	18.790	ug/l	97
88) 1,4-Dichlorobenzene	13.633	146	229765	18.258	ug/l	95
89) n-Butylbenzene	13.886	91	455490	19.949	ug/l	93
90) Hexachloroethane	14.151	117	101531	18.421	ug/l	77
91) 1,2-Dichlorobenzene	13.927	146	239739	18.456	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.545	75	51049	18.086	ug/l	78
93) 1,2,4-Trichlorobenzene	15.198	180	116388	18.807	ug/l	99
94) Hexachlorobutadiene	15.304	225	49645	18.253	ug/l	100
95) Naphthalene	15.439	128	476349	18.886	ug/l	99
96) 1,2,3-Trichlorobenzene	15.633	180	115708	18.897	ug/l	98

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Instrument :
MSVOA_N
ClientSampleId :
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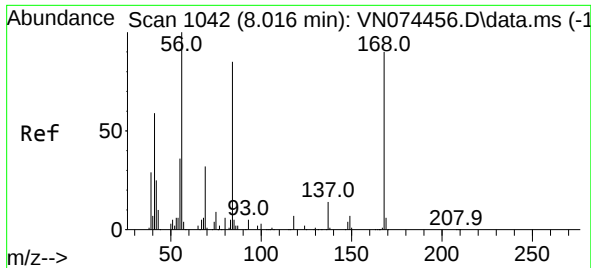
Manual Integrations
APPROVED

Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022

Quant Time: Sep 15 19:22:36 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091522W.M
Quant Title : SW846 8260
QLast Update : Thu Sep 15 19:20:33 2022
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



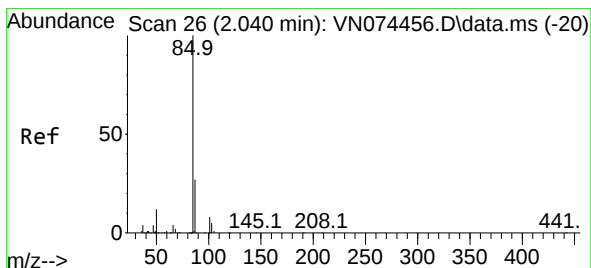
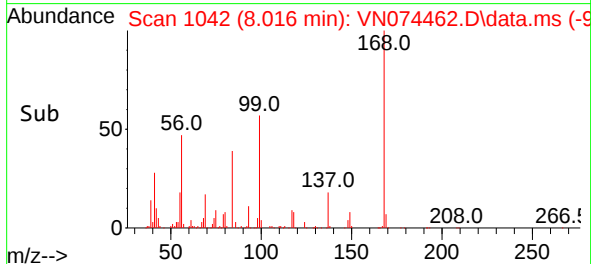
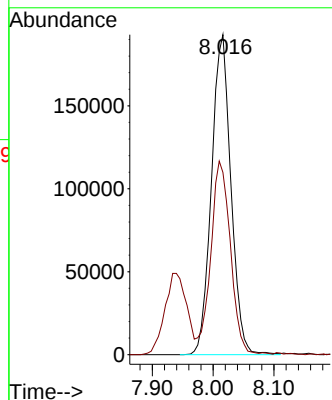
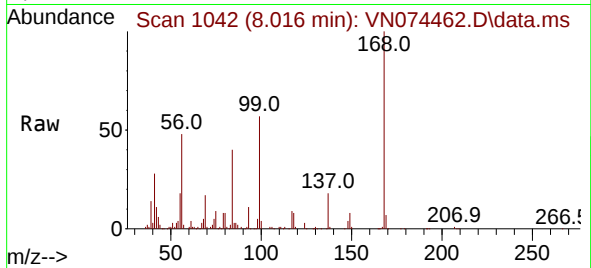
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN074462.D
Acq: 15 Sep 2022 15:21

Instrument :
MSVOA_N
ClientSampleId :
VN0915WBS01

Tgt Ion:168 Resp: 428862
Ion Ratio Lower Upper
168 100
99 56.4 42.3 63.5

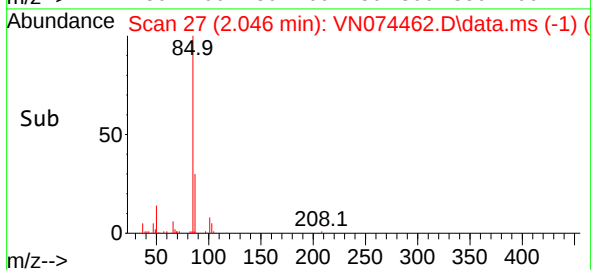
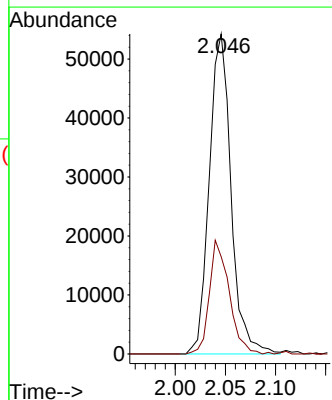
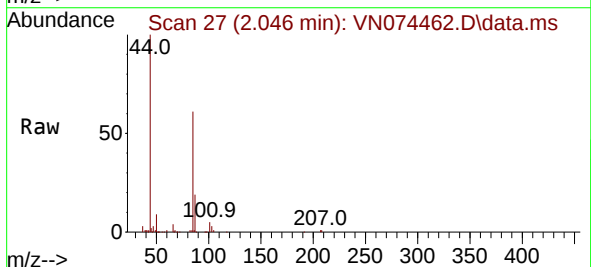
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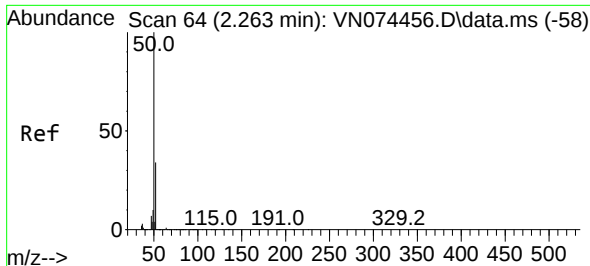
Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022



#2
Dichlorodifluoromethane
Concen: 17.574 ug/l
RT: 2.046 min Scan# 27
Delta R.T. 0.006 min
Lab File: VN074462.D
Acq: 15 Sep 2022 15:21

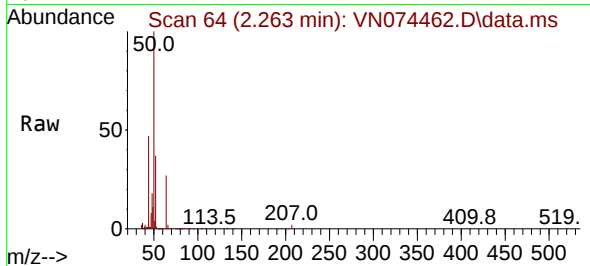
Tgt Ion: 85 Resp: 82027
Ion Ratio Lower Upper
85 100
87 30.4 15.7 47.1





#3
Chloromethane
Concen: 19.463 ug/l
RT: 2.263 min Scan# 64
Delta R.T. 0.000 min
Lab File: VN074462.D
Acq: 15 Sep 2022 15:21

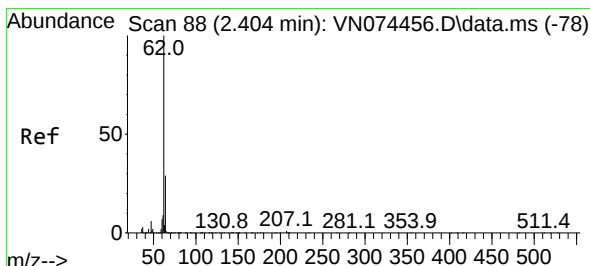
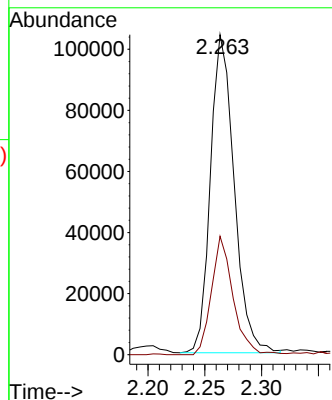
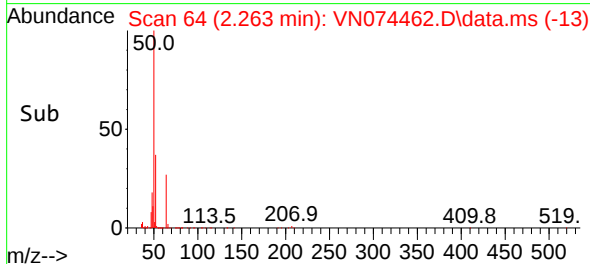
Instrument :
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Tgt Ion: 50 Resp: 151554
Ion Ratio Lower Upper
50 100
52 37.2 25.7 38.5

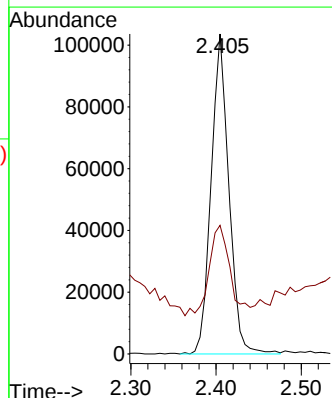
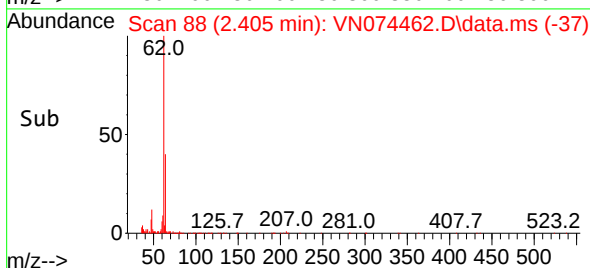
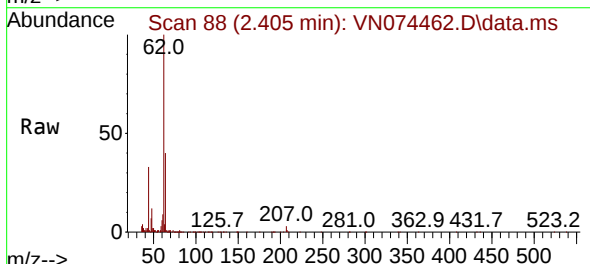
Manual Integrations
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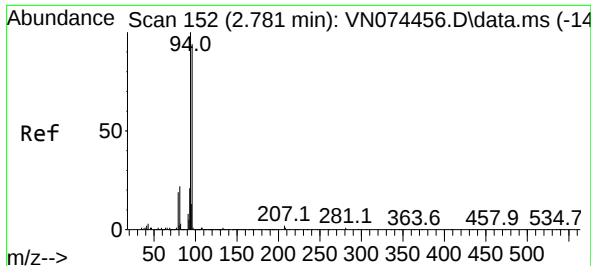
Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022



#4
Vinyl Chloride
Concen: 17.885 ug/l
RT: 2.405 min Scan# 88
Delta R.T. 0.001 min
Lab File: VN074462.D
Acq: 15 Sep 2022 15:21

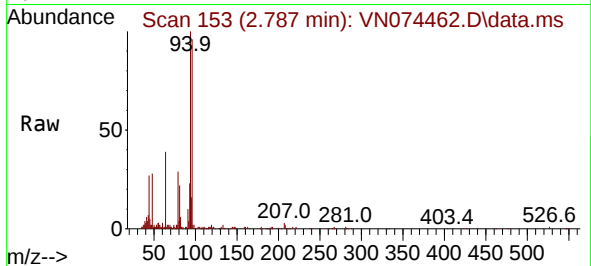
Tgt Ion: 62 Resp: 150261
Ion Ratio Lower Upper
62 100
64 25.6 25.0 37.4





#5
Bromomethane
Concen: 22.571 ug/l
RT: 2.787 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN074462.D
Acq: 15 Sep 2022 15:21

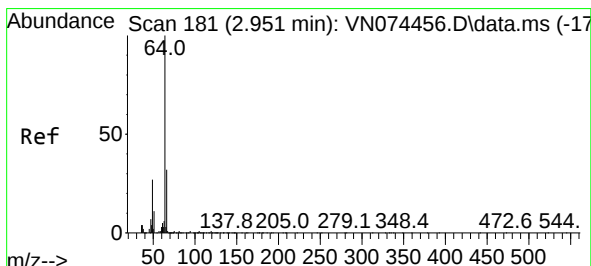
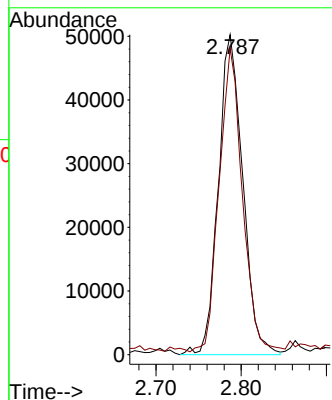
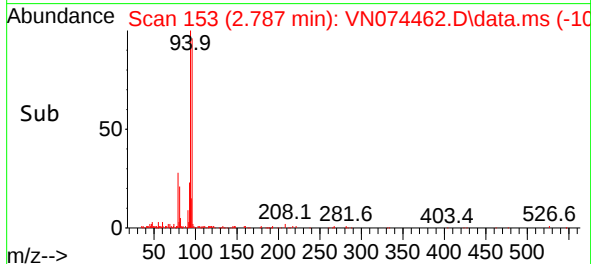
Instrument :
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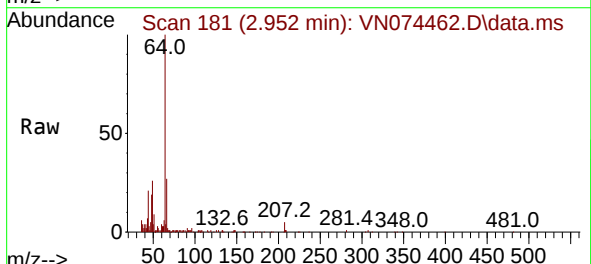
Tgt Ion: 94 Resp: 10000
Ion Ratio Lower Upper
94 100
96 93.7 76.0 114.0

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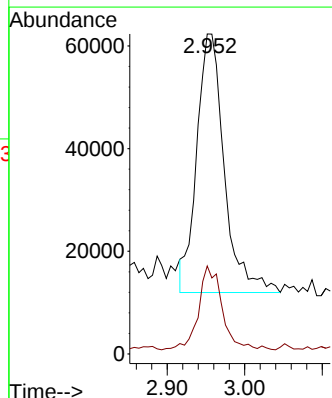
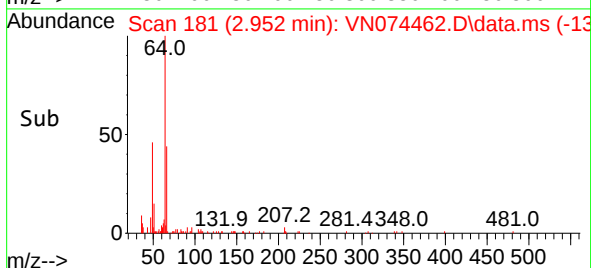
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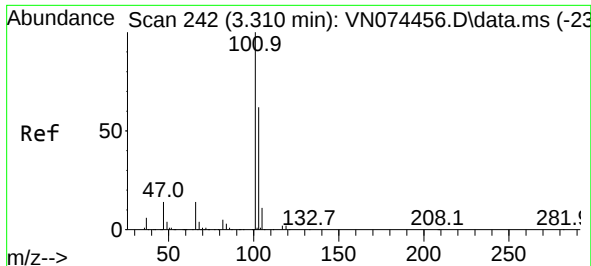


#6
Chloroethane
Concen: 21.680 ug/l
RT: 2.952 min Scan# 181
Delta R.T. 0.001 min
Lab File: VN074462.D
Acq: 15 Sep 2022 15:21



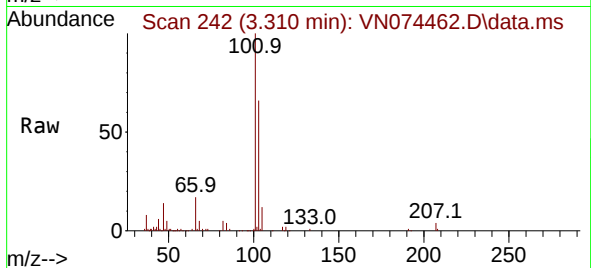
Tgt Ion: 64 Resp: 124415
Ion Ratio Lower Upper
64 100
66 31.4 26.2 39.4





#7
Trichlorofluoromethane
Concen: 17.858 ug/l
RT: 3.310 min Scan# 242
Delta R.T. 0.000 min
Lab File: VN074462.D
Acq: 15 Sep 2022 15:21

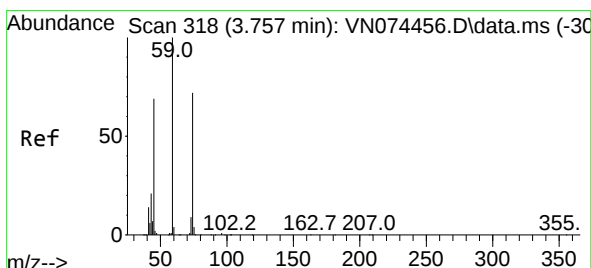
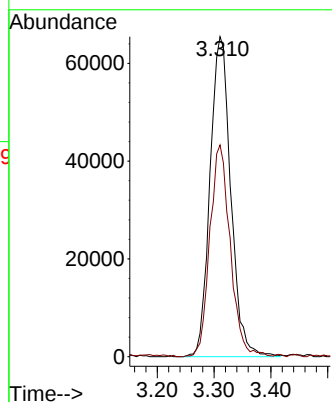
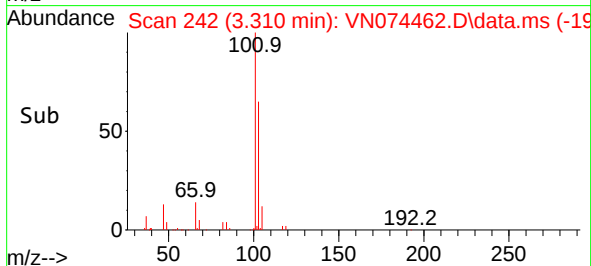
Instrument :
MSVOA_N
ClientSampleId :
VN0915WBS01



Tgt Ion:101 Resp: 16568
Ion Ratio Lower Upper
101 100
103 66.2 51.5 77.3

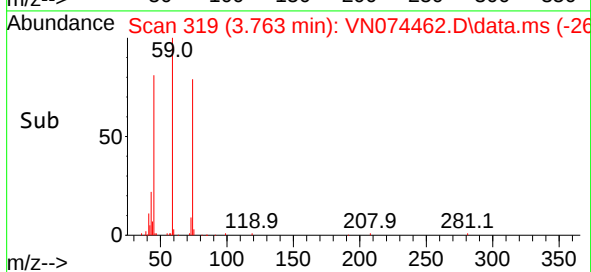
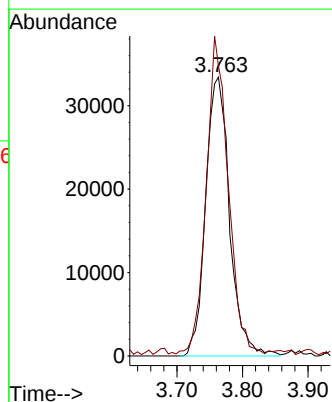
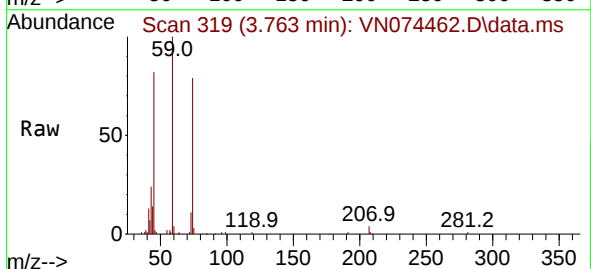
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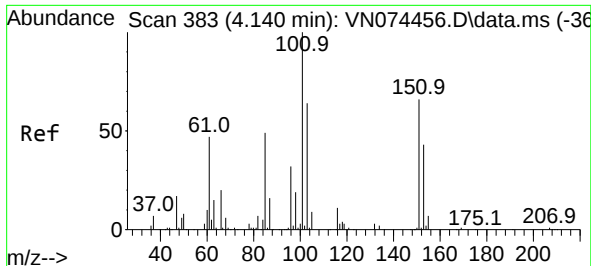
Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022



#8
Diethyl Ether
Concen: 17.941 ug/l
RT: 3.763 min Scan# 319
Delta R.T. 0.006 min
Lab File: VN074462.D
Acq: 15 Sep 2022 15:21

Tgt Ion: 74 Resp: 84884
Ion Ratio Lower Upper
74 100
45 104.1 42.9 128.5





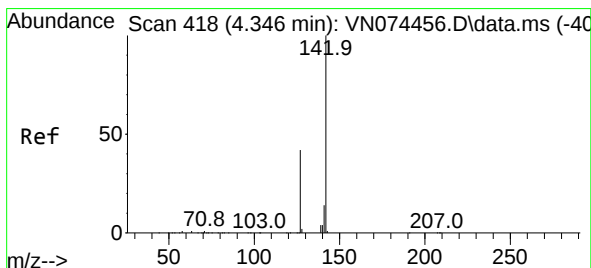
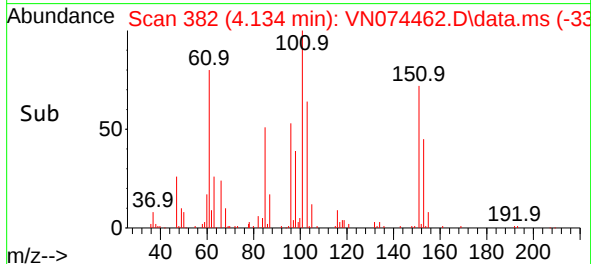
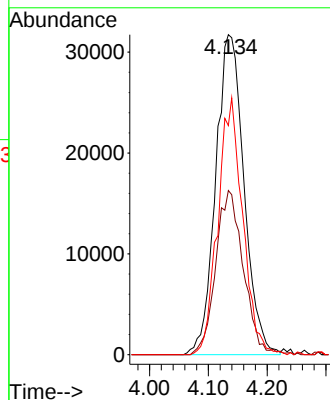
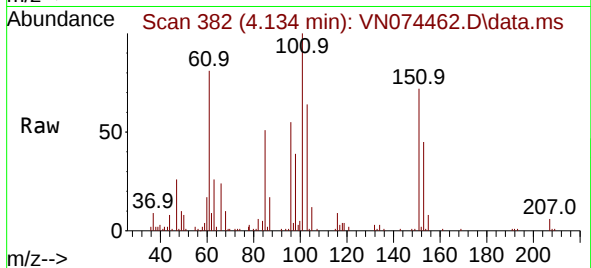
#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.498 ug/l
RT: 4.134 min Scan# 382
Delta R.T. -0.006 min
Lab File: VN074462.D
Acq: 15 Sep 2022 15:21

Instrument :
MSVOA_N
ClientSampleId :
VN0915WBS01

Tgt Ion:101 Resp: 106170
Ion Ratio Lower Upper
101 100
85 50.1 34.7 52.1
151 70.4 63.0 94.4

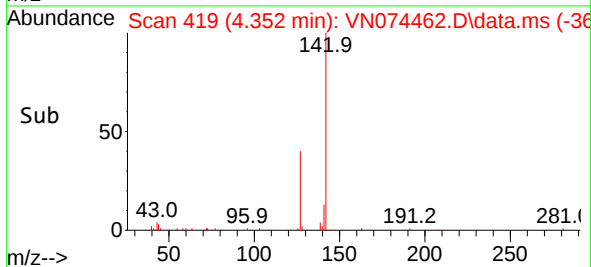
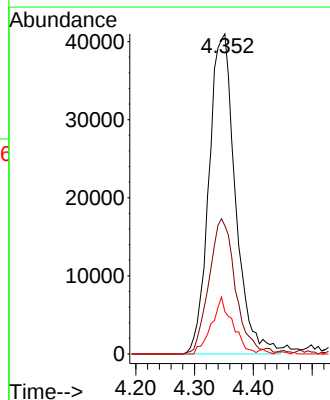
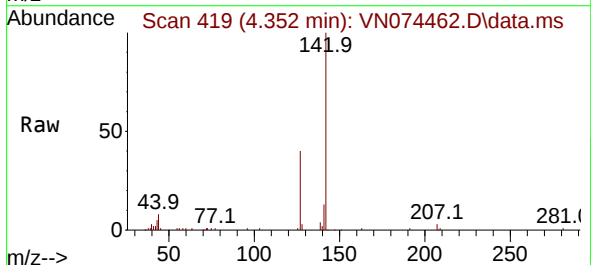
Manual Integrations
APPROVED

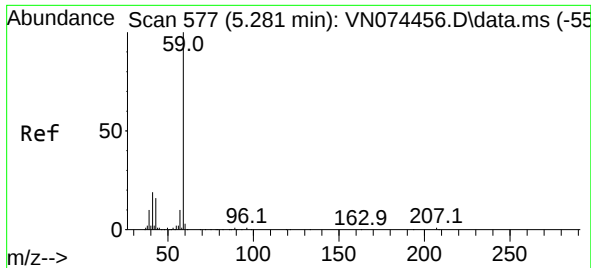
Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022



#10
Methyl Iodide
Concen: 18.893 ug/l
RT: 4.352 min Scan# 419
Delta R.T. 0.006 min
Lab File: VN074462.D
Acq: 15 Sep 2022 15:21

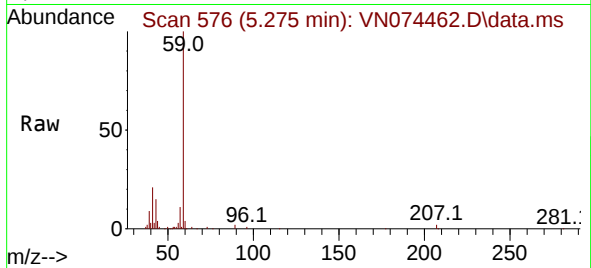
Tgt Ion:142 Resp: 127930
Ion Ratio Lower Upper
142 100
127 42.4 31.3 46.9
141 14.2 11.2 16.8





#11
Tert butyl alcohol
Concen: 86.993 ug/l
RT: 5.275 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN074462.D
Acq: 15 Sep 2022 15:21

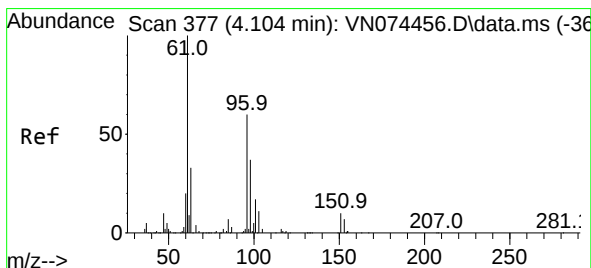
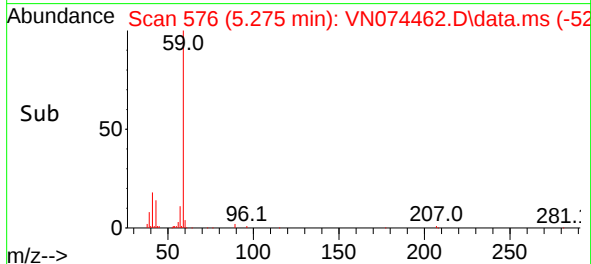
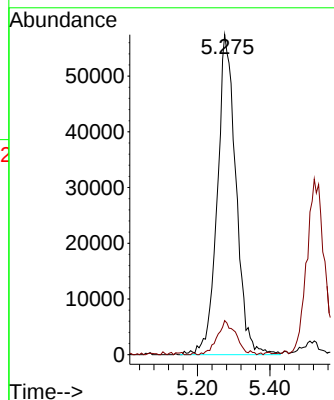
Instrument :
MSVOA_N
ClientSampleId :
VN0915WBS01



Tgt Ion: 59 Resp: 206210
Ion Ratio Lower Upper
59 100
57 10.4 8.3 12.5

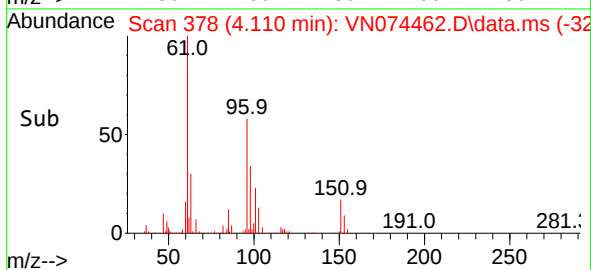
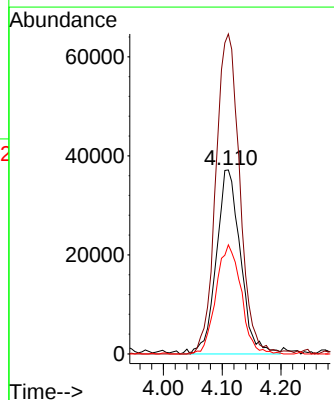
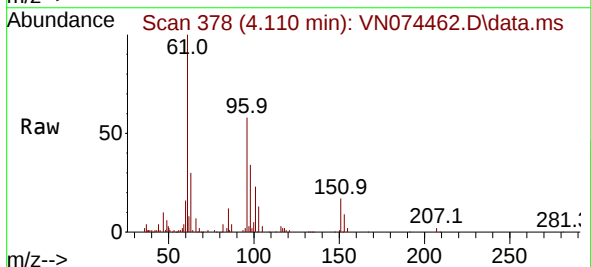
Manual Integrations
APPROVED

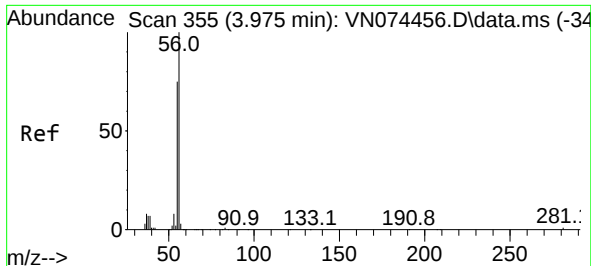
Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022



#12
1,1-Dichloroethene
Concen: 19.217 ug/l
RT: 4.110 min Scan# 378
Delta R.T. 0.006 min
Lab File: VN074462.D
Acq: 15 Sep 2022 15:21

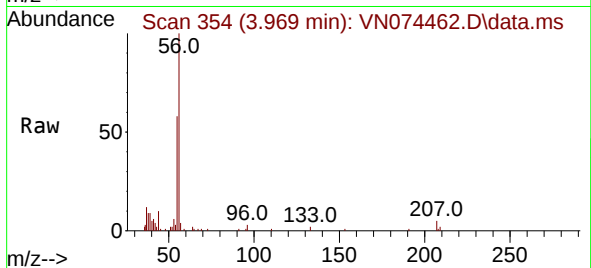
Tgt Ion: 96 Resp: 106229
Ion Ratio Lower Upper
96 100
61 173.9 127.6 191.4
98 59.3 51.2 76.8





#13
Acrolein
Concen: 80.282 ug/l
RT: 3.969 min Scan# 355
Delta R.T. -0.006 min
Lab File: VN074462.D
Acq: 15 Sep 2022 15:21

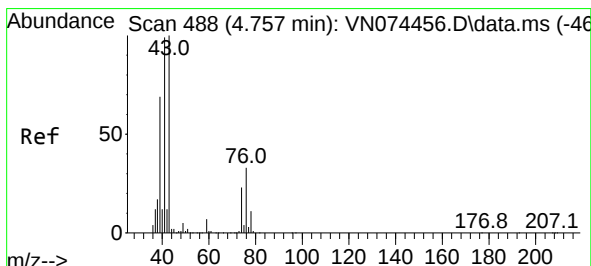
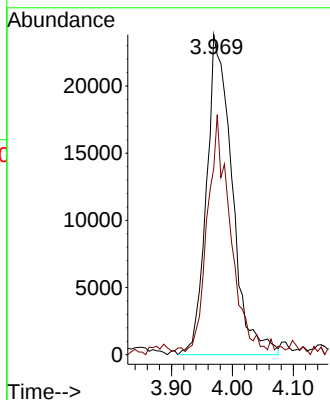
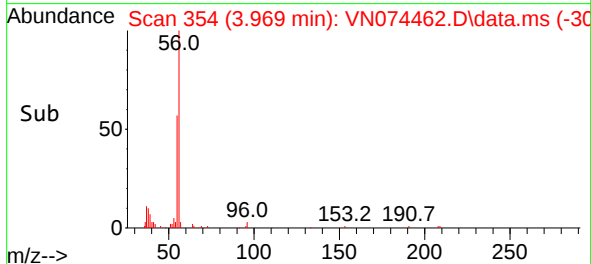
Instrument :
MSVOA_N
ClientSampleId :
VN0915WBS01



Tgt Ion: 56 Resp: 69490
Ion Ratio Lower Upper
56 100
55 65.4 54.8 82.2

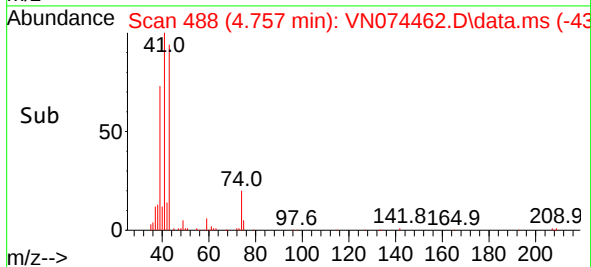
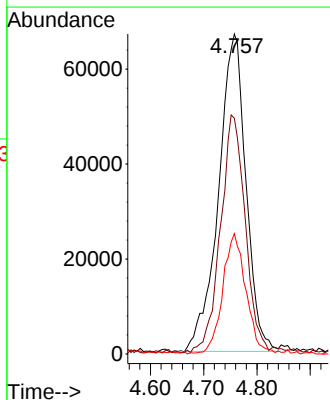
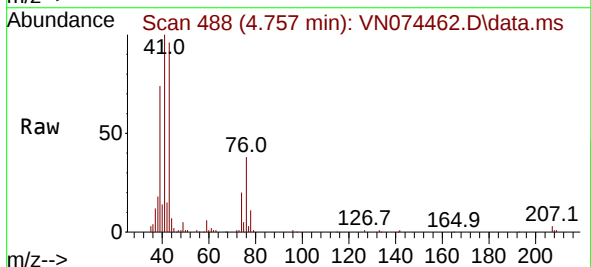
Manual Integrations
APPROVED

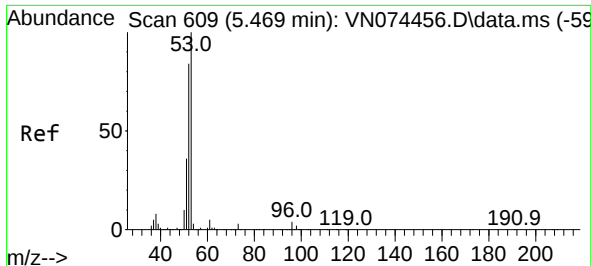
Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022



#14
Allyl chloride
Concen: 17.782 ug/l
RT: 4.757 min Scan# 488
Delta R.T. 0.000 min
Lab File: VN074462.D
Acq: 15 Sep 2022 15:21

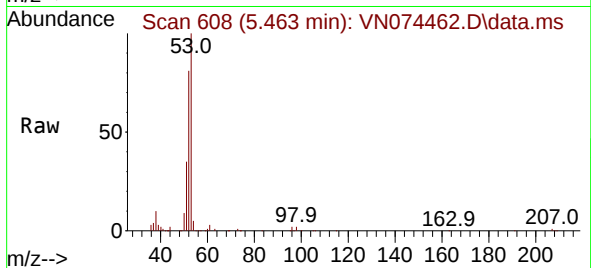
Tgt Ion: 41 Resp: 239823
Ion Ratio Lower Upper
41 100
39 67.4 53.2 79.8
76 31.3 29.9 44.9





#15
Acrylonitrile
Concen: 92.690 ug/l
RT: 5.463 min Scan# 609
Delta R.T. -0.006 min
Lab File: VN074462.D
Acq: 15 Sep 2022 15:21

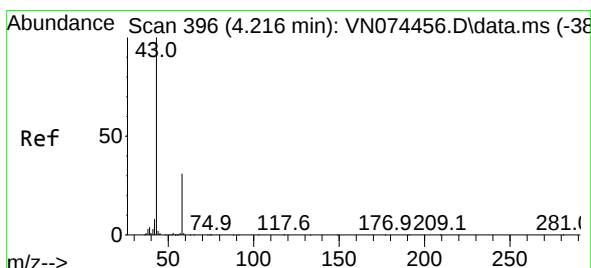
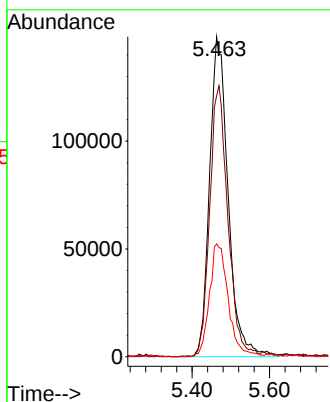
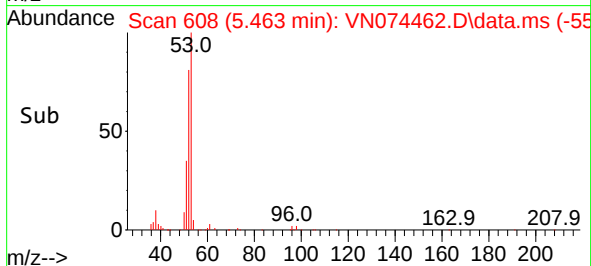
Instrument :
MSVOA_N
ClientSampleId :
VN0915WBS01



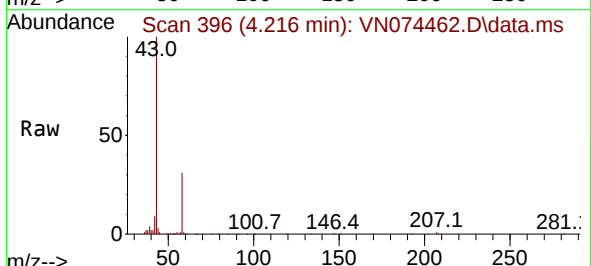
Tgt Ion: 53 Resp: 49361
Ion Ratio Lower Upper
53 100
52 83.0 66.4 99.6
51 35.7 28.5 42.7

Manual Integrations
APPROVED

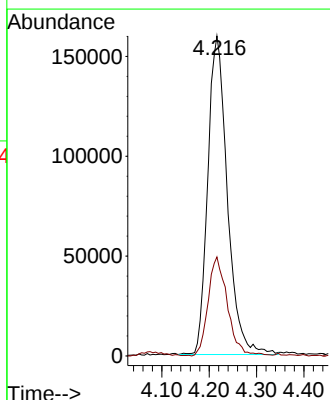
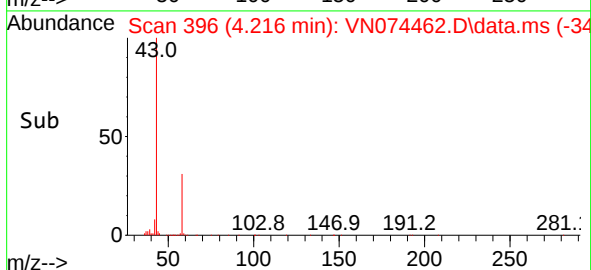
Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022

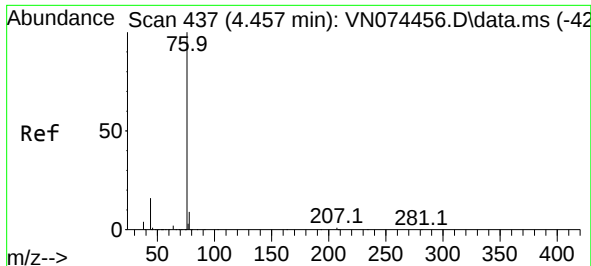


#16
Acetone
Concen: 98.424 ug/l
RT: 4.216 min Scan# 396
Delta R.T. 0.000 min
Lab File: VN074462.D
Acq: 15 Sep 2022 15:21



Tgt Ion: 43 Resp: 458297
Ion Ratio Lower Upper
43 100
58 30.7 26.0 39.0





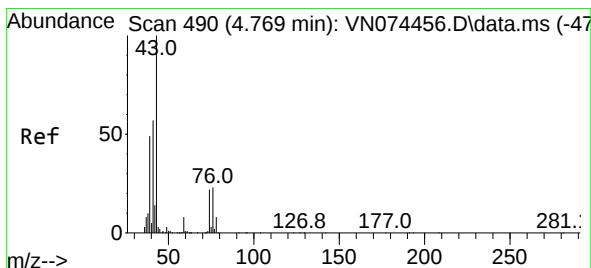
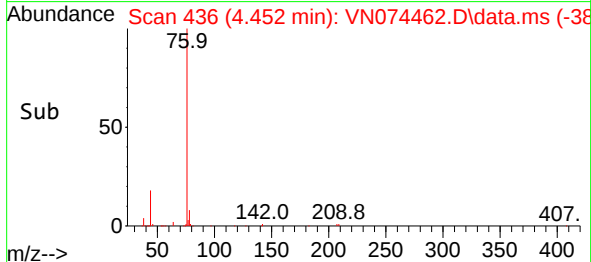
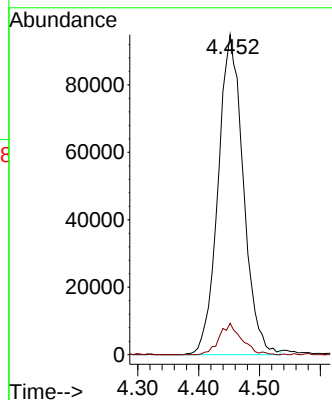
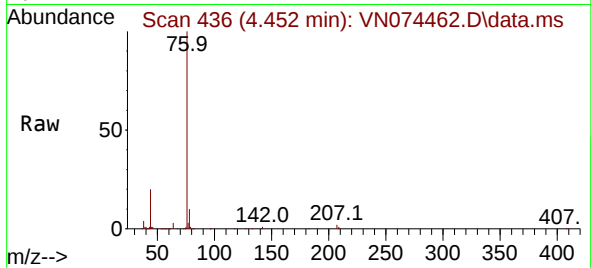
#17
Carbon Disulfide
Concen: 17.642 ug/l
RT: 4.452 min Scan# 41
Delta R.T. -0.005 min
Lab File: VN074462.D
Acq: 15 Sep 2022 15:21

Instrument :
MSVOA_N
ClientSampleId :
VN0915WBS01

Tgt Ion: 76 Resp: 27325
Ion Ratio Lower Upper
76 100
78 9.8 7.2 10.8

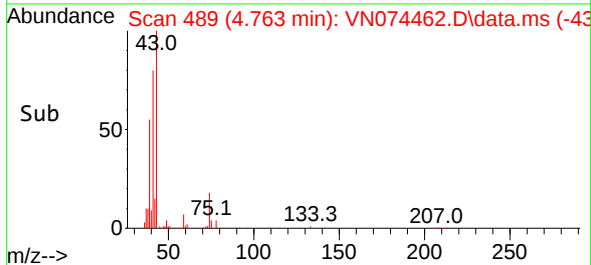
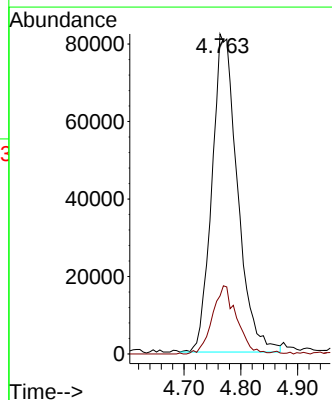
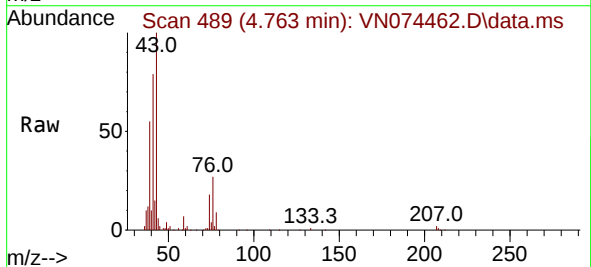
Manual Integrations
APPROVED

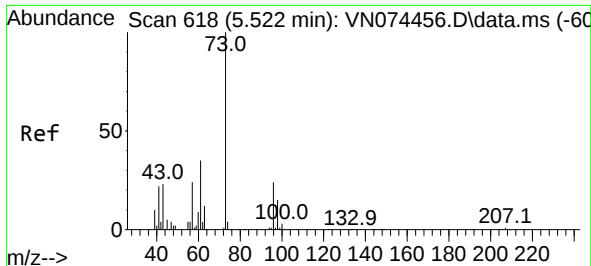
Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022



#18
Methyl Acetate
Concen: 17.749 ug/l
RT: 4.763 min Scan# 489
Delta R.T. -0.006 min
Lab File: VN074462.D
Acq: 15 Sep 2022 15:21

Tgt Ion: 43 Resp: 256691
Ion Ratio Lower Upper
43 100
74 20.3 21.6 32.4#





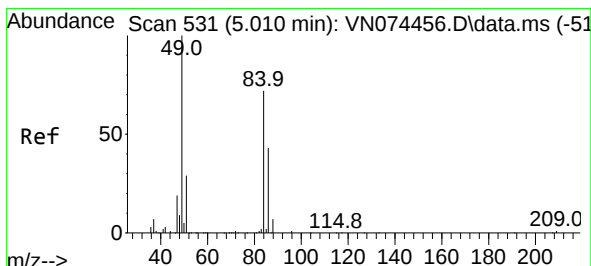
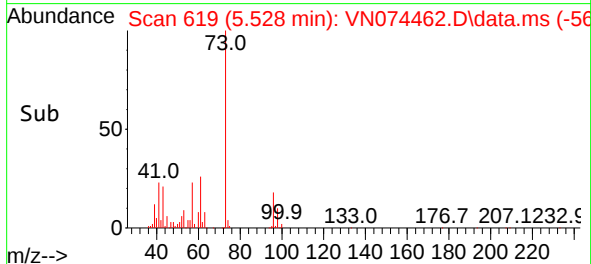
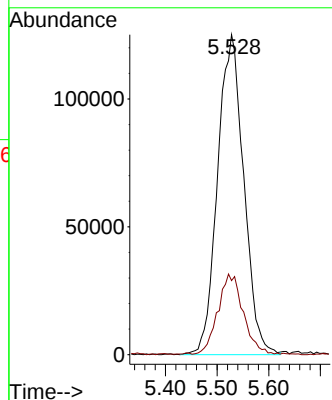
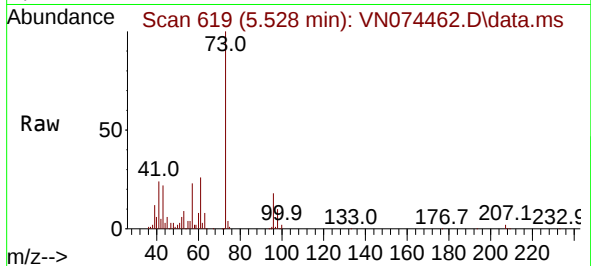
#19
Methyl tert-butyl Ether
Concen: 18.496 ug/l
RT: 5.528 min Scan# 618
Delta R.T. 0.006 min
Lab File: VN074462.D
Acq: 15 Sep 2022 15:21

Instrument :
MSVOA_N
ClientSampleId :
VN0915WBS01

Tgt Ion: 73 Resp: 440310
Ion Ratio Lower Upper
73 100
57 23.0 17.6 26.4

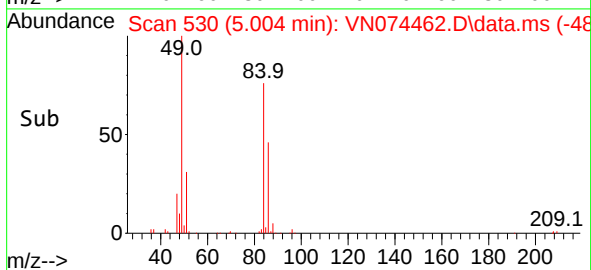
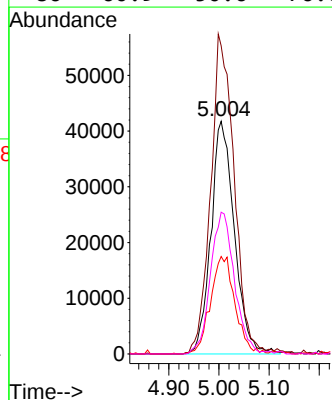
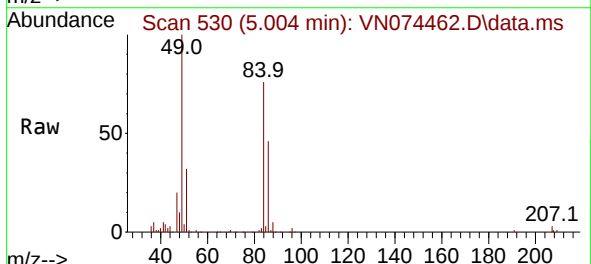
Manual Integrations
APPROVED

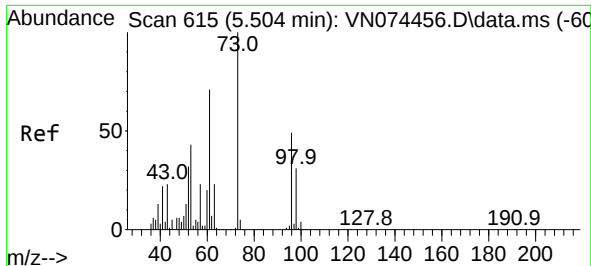
Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022



#20
Methylene Chloride
Concen: 19.144 ug/l
RT: 5.004 min Scan# 530
Delta R.T. -0.006 min
Lab File: VN074462.D
Acq: 15 Sep 2022 15:21

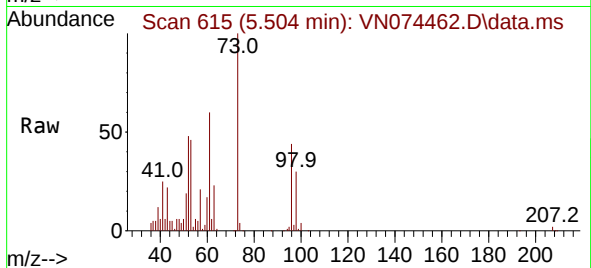
Tgt Ion: 84 Resp: 135959
Ion Ratio Lower Upper
84 100
49 132.4 88.3 132.5
51 41.9 28.2 42.2
86 60.9 50.6 76.0





#21
trans-1,2-Dichloroethene
Concen: 18.713 ug/l
RT: 5.504 min Scan# 615
Delta R.T. 0.000 min
Lab File: VN074462.D
Acq: 15 Sep 2022 15:21

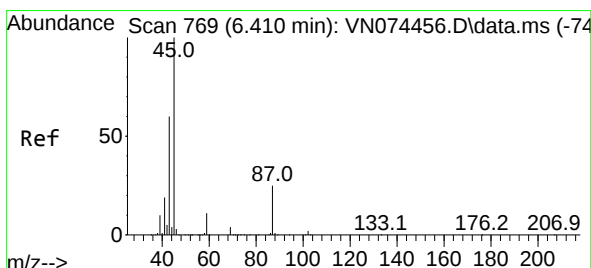
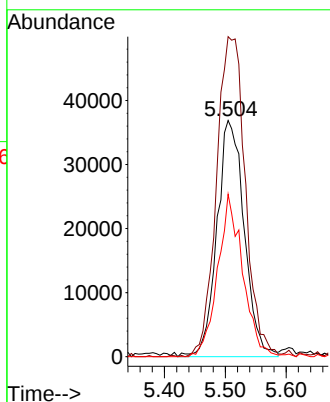
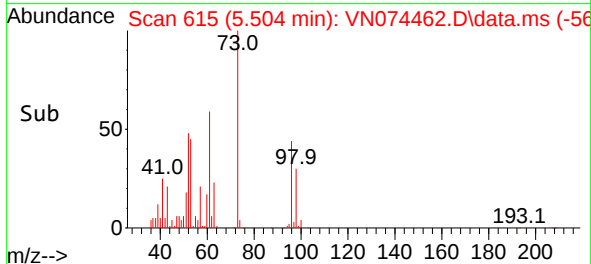
Instrument :
MSVOA_N
ClientSampleId :
VN0915WBS01



Tgt Ion: 96 Resp: 114415
Ion Ratio Lower Upper
96 100
61 135.5 105.8 158.8
98 68.8 50.3 75.5

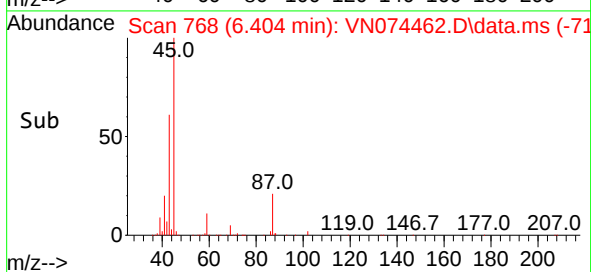
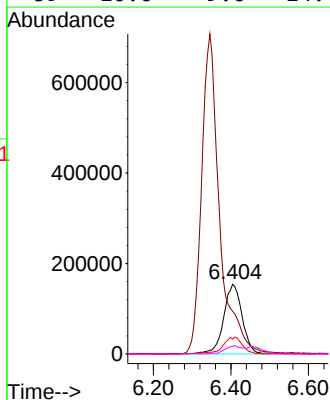
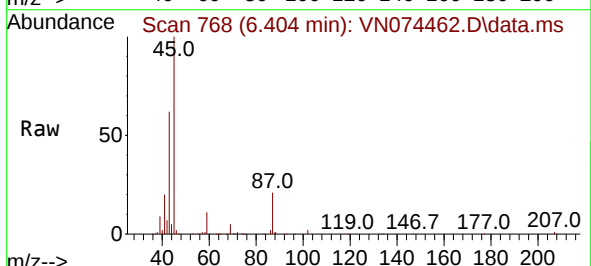
Manual Integrations
APPROVED

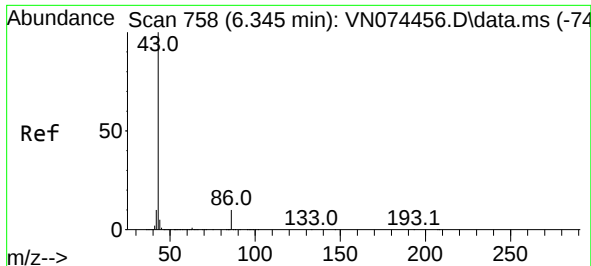
Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022



#22
Diisopropyl ether
Concen: 18.916 ug/l
RT: 6.404 min Scan# 768
Delta R.T. -0.006 min
Lab File: VN074462.D
Acq: 15 Sep 2022 15:21

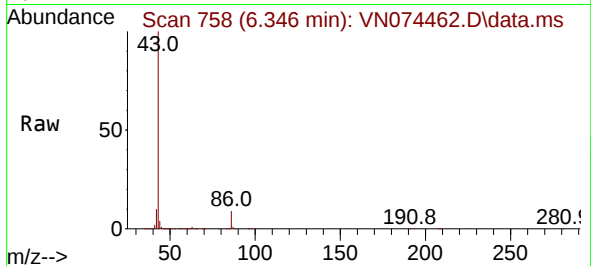
Tgt Ion: 45 Resp: 512303
Ion Ratio Lower Upper
45 100
43 61.3 46.6 70.0
87 21.0 24.3 36.5#
59 10.6 9.6 14.4





#23
 Vinyl Acetate
 Concen: 95.408 ug/l
 RT: 6.346 min Scan# 71
 Delta R.T. 0.001 min
 Lab File: VN074462.D
 Acq: 15 Sep 2022 15:21

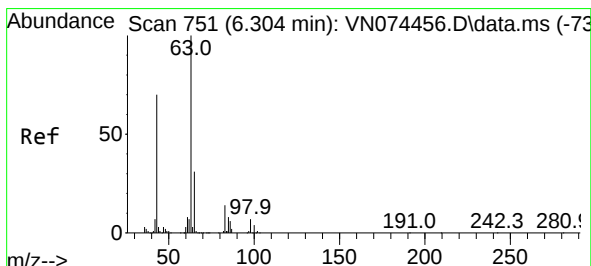
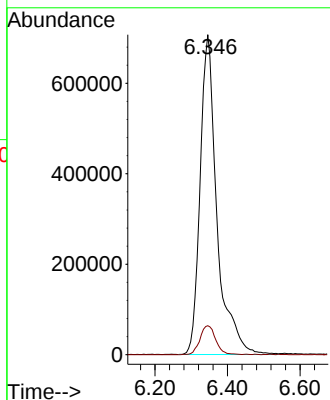
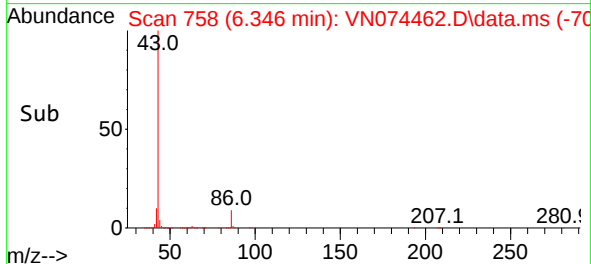
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0915WBS01



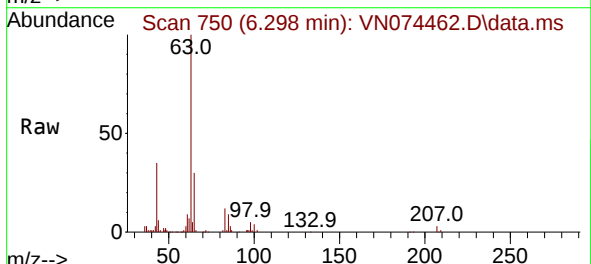
Tgt Ion: 43 Resp: 2279009
 Ion Ratio Lower Upper
 43 100
 86 9.0 10.0 15.0

Manual Integrations
 APPROVED

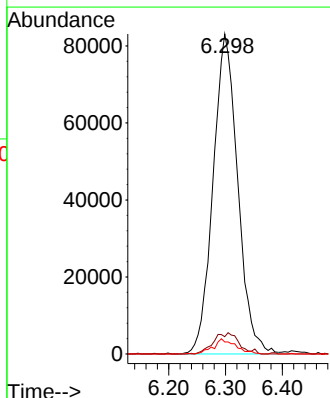
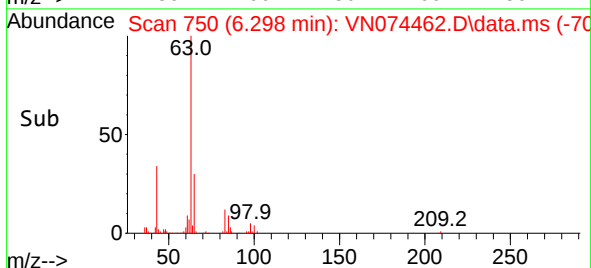
Reviewed By :John Carlone 09/16/2022
 Supervised By :Mahesh Dadoda 09/16/2022

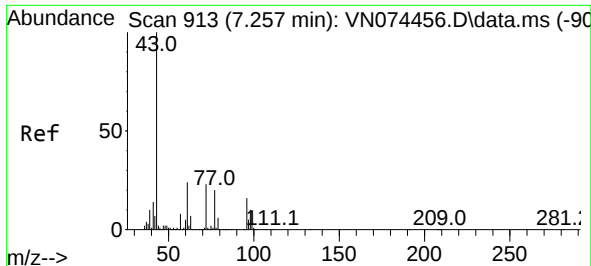


#24
 1,1-Dichloroethane
 Concen: 18.541 ug/l
 RT: 6.298 min Scan# 750
 Delta R.T. -0.006 min
 Lab File: VN074462.D
 Acq: 15 Sep 2022 15:21



Tgt Ion: 63 Resp: 250994
 Ion Ratio Lower Upper
 63 100
 98 5.4 3.5 10.4
 100 3.8 2.3 6.8





#25

2-Butanone

Concen: 96.579 ug/l

RT: 7.257 min Scan# 913

Delta R.T. 0.000 min

Lab File: VN074462.D

Acq: 15 Sep 2022 15:21

Instrument :

MSVOA_N

ClientSampleId :

VN0915WBS01

Tgt Ion: 43 Resp: 746648

Ion Ratio Lower Upper

43 100

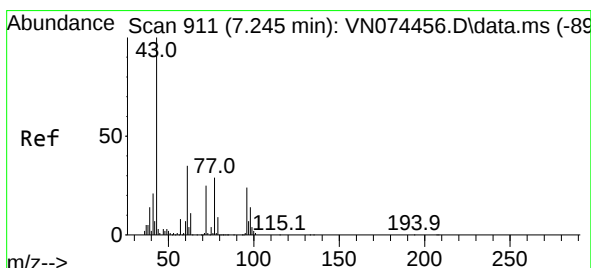
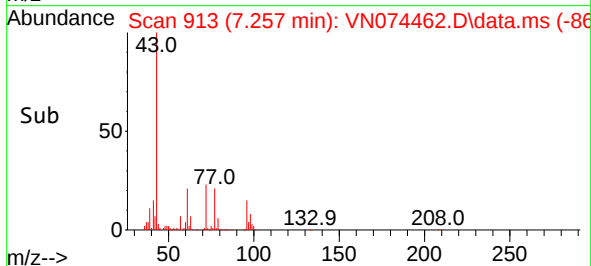
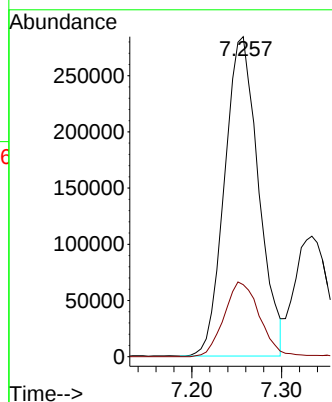
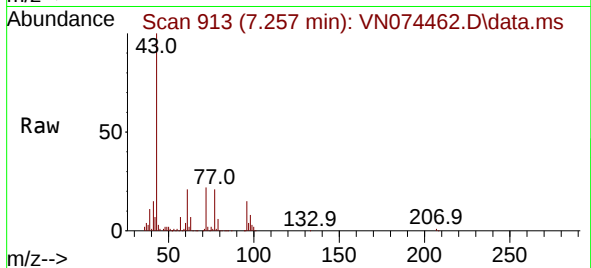
72 22.5 23.7 35.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/16/2022

Supervised By :Mahesh Dadoda 09/16/2022



#26

2,2-Dichloropropane

Concen: 18.488 ug/l

RT: 7.245 min Scan# 911

Delta R.T. 0.000 min

Lab File: VN074462.D

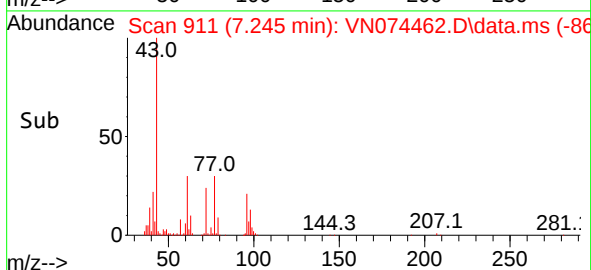
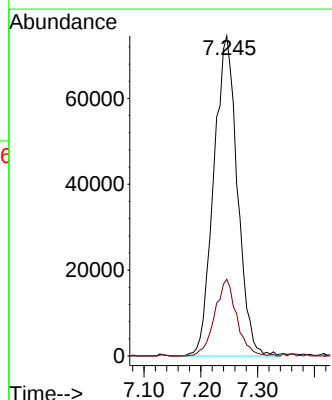
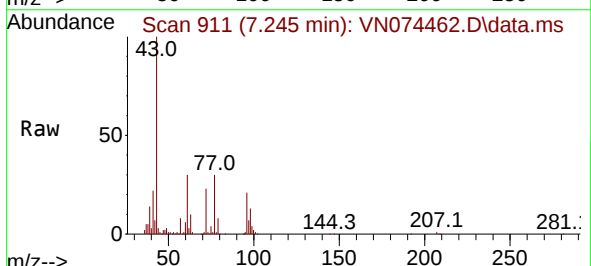
Acq: 15 Sep 2022 15:21

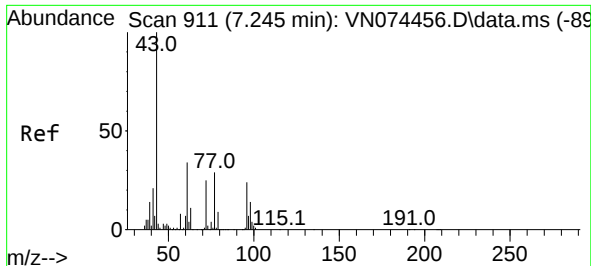
Tgt Ion: 77 Resp: 215785

Ion Ratio Lower Upper

77 100

97 22.3 11.4 34.2





#27

cis-1,2-Dichloroethene

Concen: 18.133 ug/l

RT: 7.245 min Scan# 911

Delta R.T. 0.000 min

Lab File: VN074462.D

Acq: 15 Sep 2022 15:21

Instrument :

MSVOA_N

ClientSampleId :

VN0915WBS01

Tgt Ion: 96 Resp: 14399

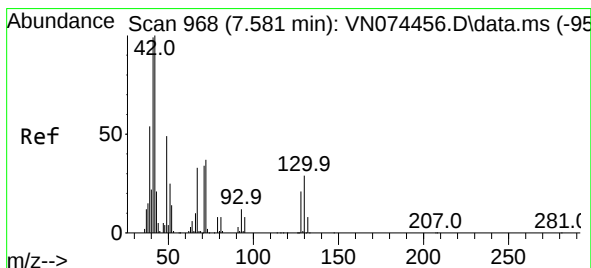
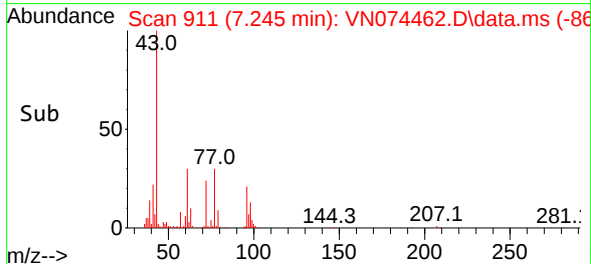
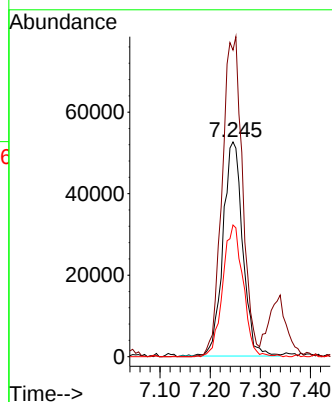
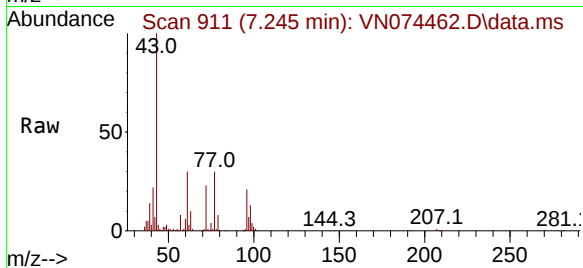
Ion	Ratio	Lower	Upper
96	100		
61	153.5	0.0	280.6
98	63.5	0.0	128.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/16/2022

Supervised By :Mahesh Dadoda 09/16/2022



#28

Bromochloromethane

Concen: 19.571 ug/l

RT: 7.575 min Scan# 967

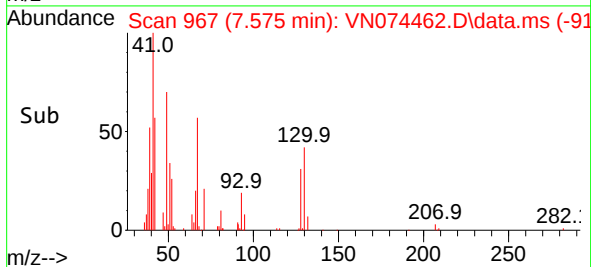
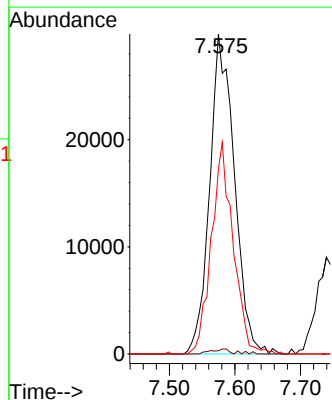
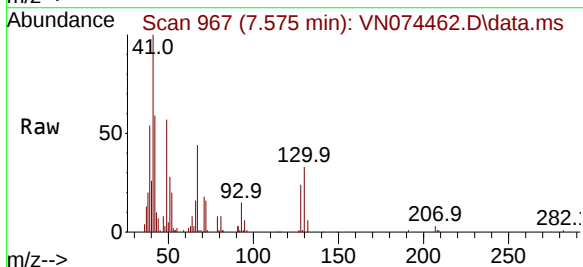
Delta R.T. -0.006 min

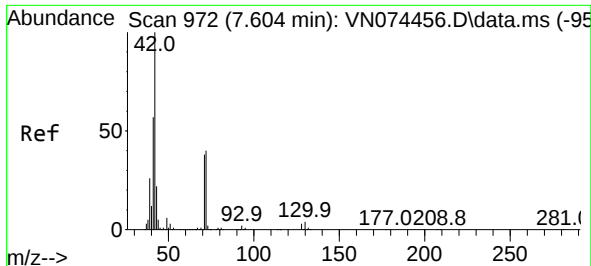
Lab File: VN074462.D

Acq: 15 Sep 2022 15:21

Tgt Ion: 49 Resp: 78084

Ion	Ratio	Lower	Upper
49	100		
129	1.1	0.0	4.6
130	58.4	69.7	104.5





#29

Tetrahydrofuran

Concen: 95.856 ug/l

RT: 7.610 min Scan# 973

Delta R.T. 0.006 min

Lab File: VN074462.D

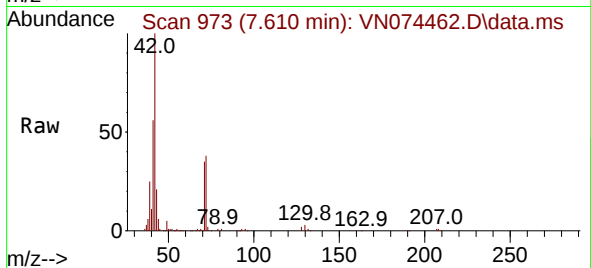
Acq: 15 Sep 2022 15:21

Instrument :

MSVOA_N

ClientSampleId :

VN0915WBS01



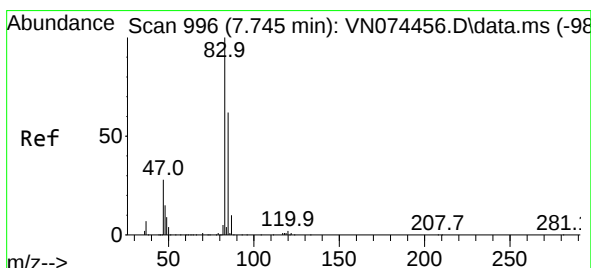
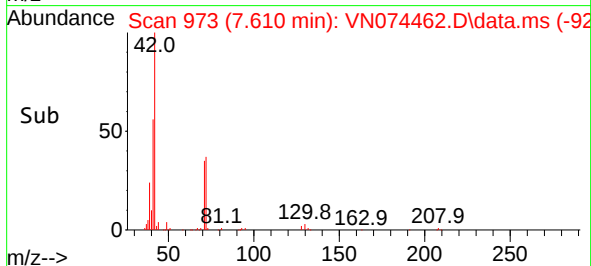
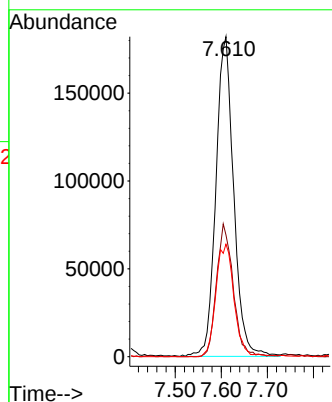
Tgt Ion:	42	Resp:	48723
Ion Ratio	100	Lower	Upper
42	100		
72	39.0	39.7	59.5
71	35.4	36.6	55.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/16/2022

Supervised By :Mahesh Dadoda 09/16/2022



#30

Chloroform

Concen: 18.655 ug/l

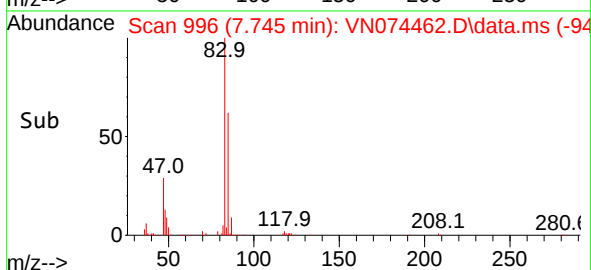
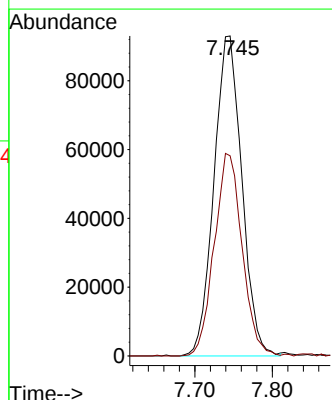
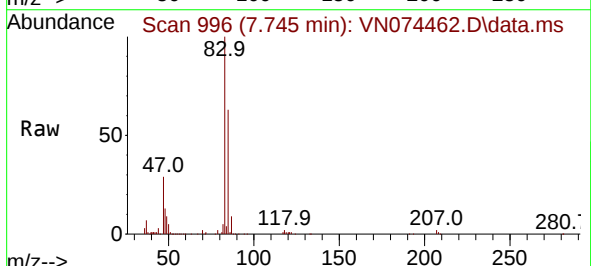
RT: 7.745 min Scan# 996

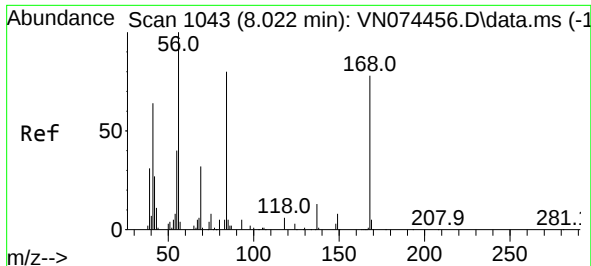
Delta R.T. 0.000 min

Lab File: VN074462.D

Acq: 15 Sep 2022 15:21

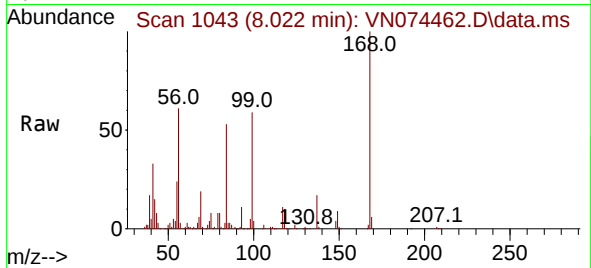
Tgt Ion:	83	Resp:	233092
Ion Ratio	100	Lower	Upper
83	100		
85	62.5	51.8	77.8





#31
Cyclohexane
Concen: 18.352 ug/l
RT: 8.022 min Scan# 1043
Delta R.T. -0.000 min
Lab File: VN074462.D
Acq: 15 Sep 2022 15:21

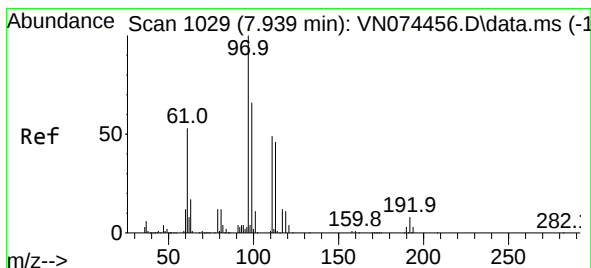
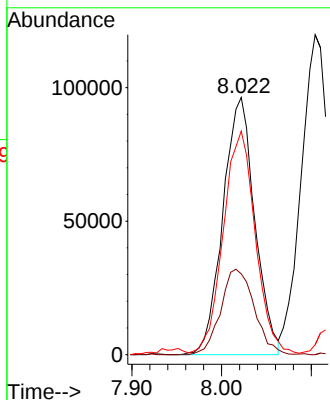
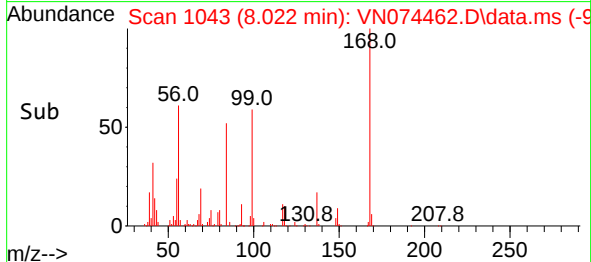
Instrument :
MSVOA_N
ClientSampleId :
VN0915WBS01



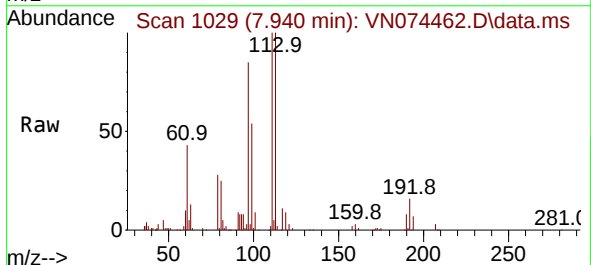
Tgt Ion: 56 Resp: 237030
Ion Ratio Lower Upper
56 100
69 31.4 27.8 41.8
84 84.5 76.9 115.3

Manual Integrations
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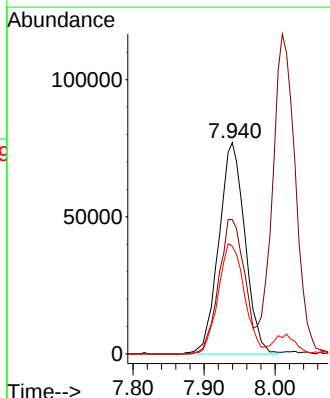
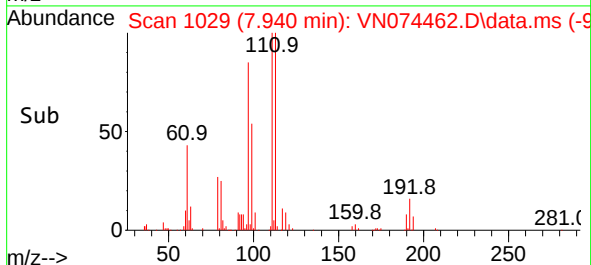
Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022

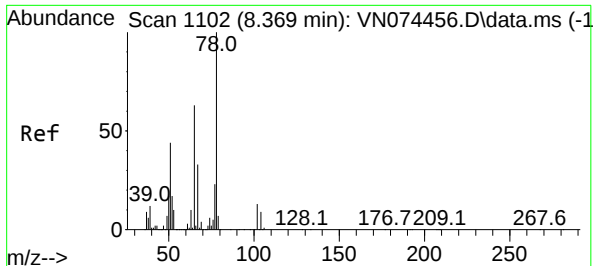


#32
1,1,1-Trichloroethane
Concen: 17.929 ug/l
RT: 7.940 min Scan# 1029
Delta R.T. 0.001 min
Lab File: VN074462.D
Acq: 15 Sep 2022 15:21



Tgt Ion: 97 Resp: 196484
Ion Ratio Lower Upper
97 100
99 62.2 50.6 76.0
61 52.8 36.0 54.0





#33

1,2-Dichloroethane-d4

Concen: 46.432 ug/l

RT: 8.363 min Scan# 1101

Delta R.T. -0.006 min

Lab File: VN074462.D

Acq: 15 Sep 2022 15:21

Instrument :

MSVOA_N

ClientSampleId :

VN0915WBS01

Tgt Ion: 65 Resp: 33787

Ion Ratio Lower Upper

65 100

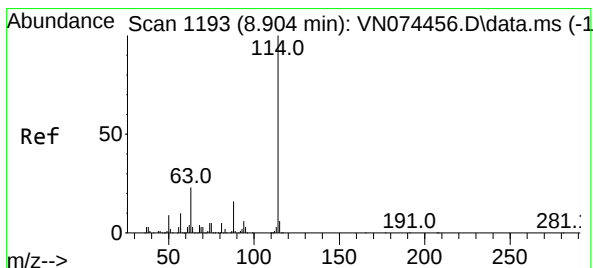
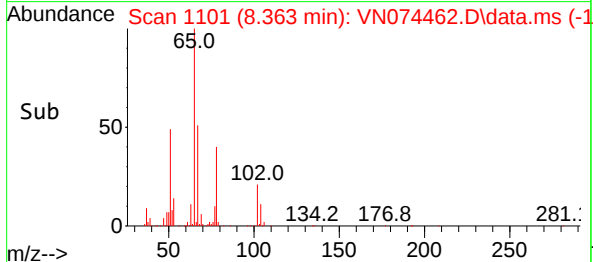
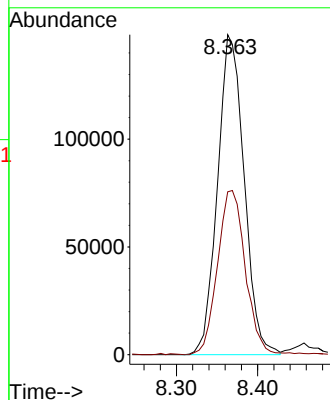
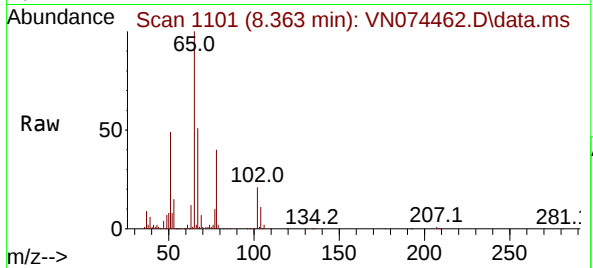
67 53.9 0.0 104.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/16/2022

Supervised By :Mahesh Dadoda 09/16/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.898 min Scan# 1192

Delta R.T. -0.006 min

Lab File: VN074462.D

Acq: 15 Sep 2022 15:21

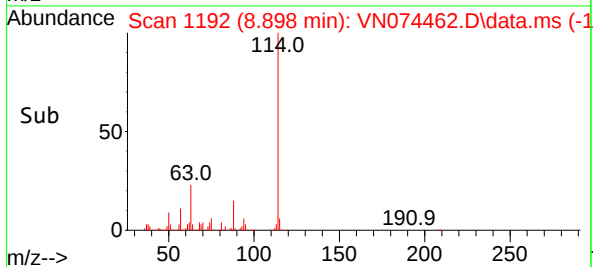
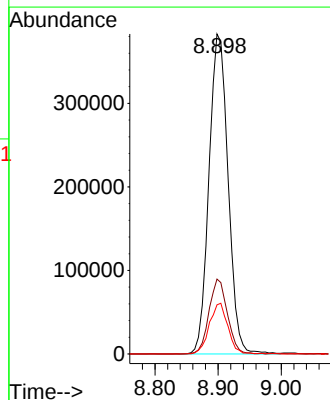
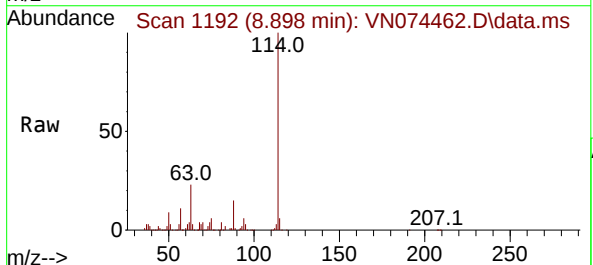
Tgt Ion:114 Resp: 806345

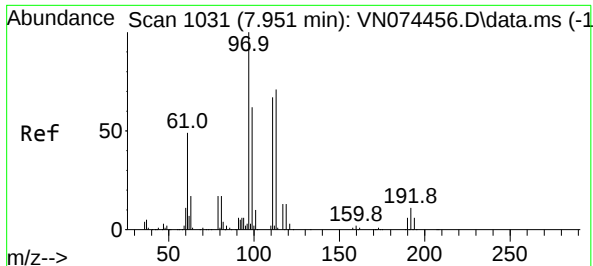
Ion Ratio Lower Upper

114 100

63 23.4 0.0 40.0

88 15.3 0.0 32.6





#35

Dibromofluoromethane

Concen: 49.321 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN074462.D

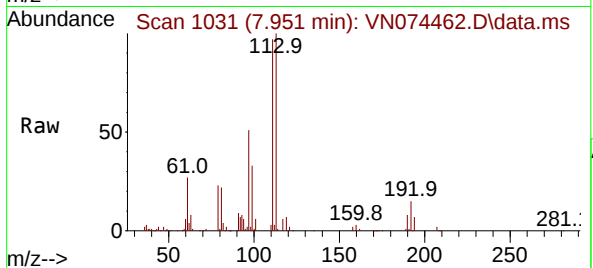
Acq: 15 Sep 2022 15:21

Instrument :

MSVOA_N

ClientSampleId :

VN0915WBS01



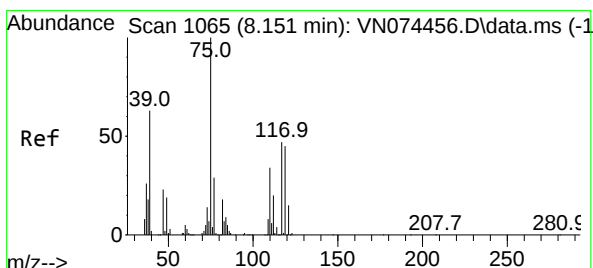
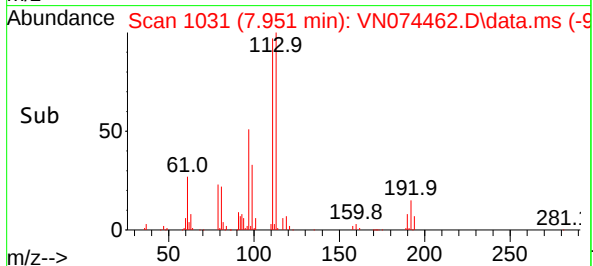
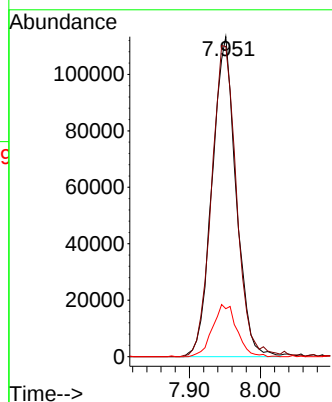
Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.3	81.4	122.0
192	16.6	17.0	25.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/16/2022

Supervised By :Mahesh Dadoda 09/16/2022



#36

1,1-Dichloropropene

Concen: 18.049 ug/l

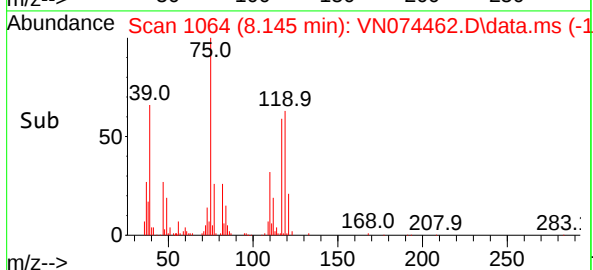
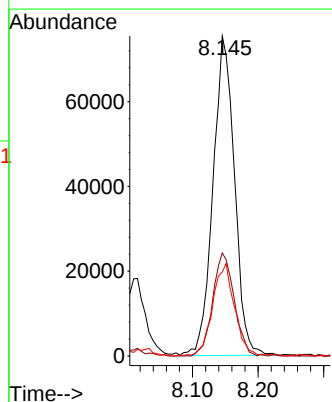
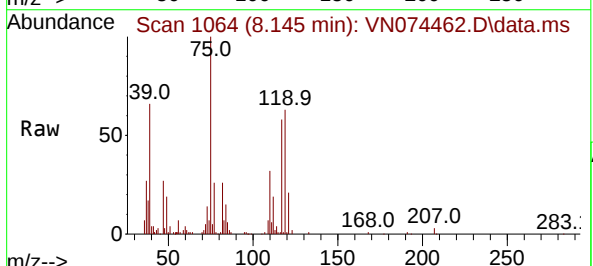
RT: 8.145 min Scan# 1064

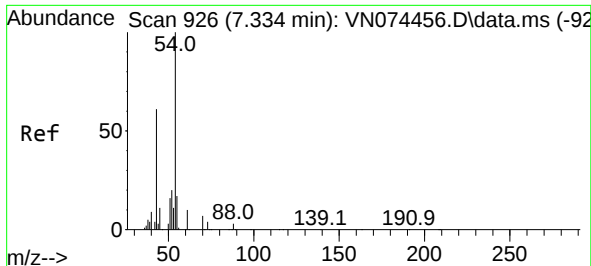
Delta R.T. -0.006 min

Lab File: VN074462.D

Acq: 15 Sep 2022 15:21

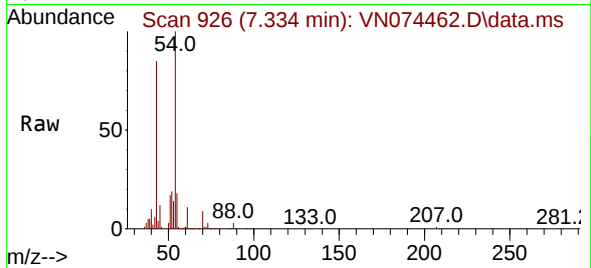
Tgt Ion	Ratio	Lower	Upper
75	100		
110	32.3	18.3	54.8
77	29.6	25.1	37.7





#37
Ethyl Acetate
Concen: 19.959 ug/l
RT: 7.334 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN074462.D
Acq: 15 Sep 2022 15:21

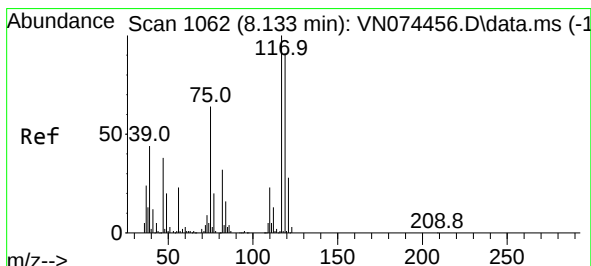
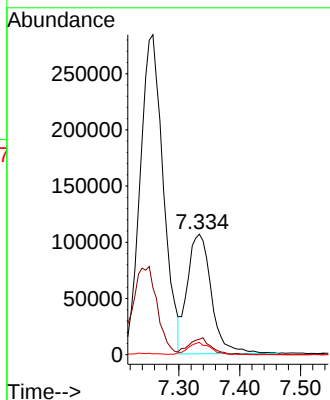
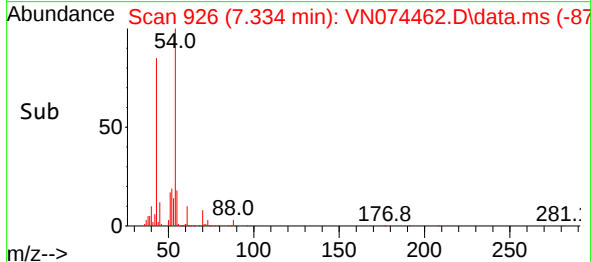
Instrument :
MSVOA_N
ClientSampleId :
VN0915WBS01



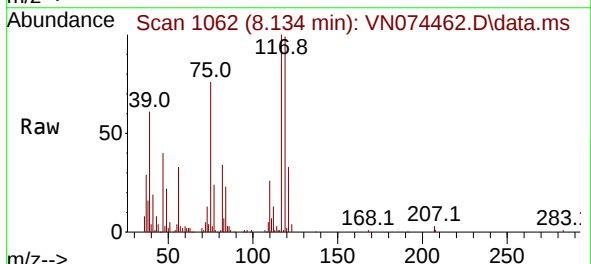
Tgt Ion: 43 Resp: 29224
Ion Ratio Lower Upper
43 100
61 11.9 11.8 17.6
70 9.4 9.3 13.9

Manual Integrations
APPROVED

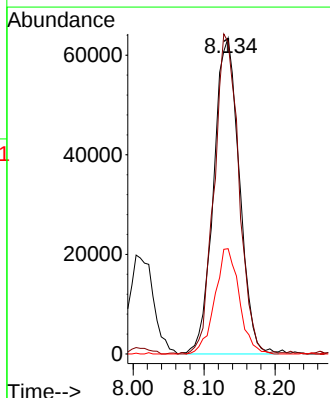
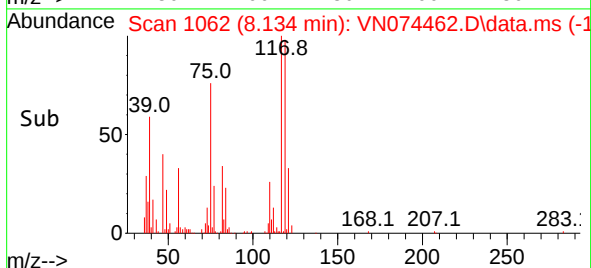
Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022

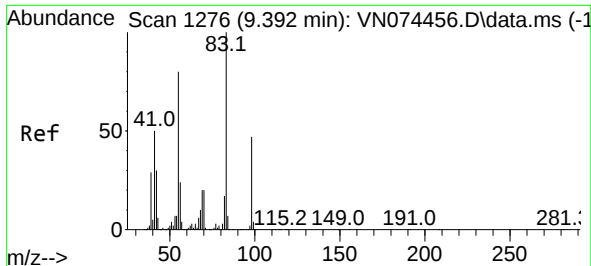


#38
Carbon Tetrachloride
Concen: 18.299 ug/l
RT: 8.134 min Scan# 1062
Delta R.T. 0.001 min
Lab File: VN074462.D
Acq: 15 Sep 2022 15:21



Tgt Ion:117 Resp: 160179
Ion Ratio Lower Upper
117 100
119 98.7 75.8 113.8
121 33.3 24.6 37.0





#39

Methylcyclohexane

Concen: 19.616 ug/l

RT: 9.392 min Scan# 1105

Delta R.T. 0.000 min

Lab File: VN074462.D

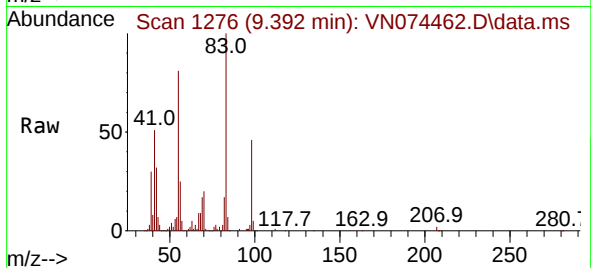
Acq: 15 Sep 2022 15:21

Instrument :

MSVOA_N

ClientSampleId :

VN0915WBS01



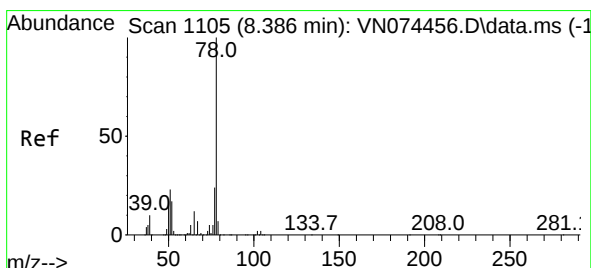
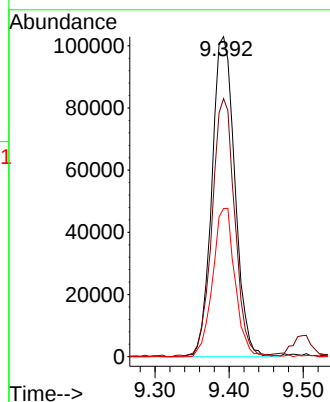
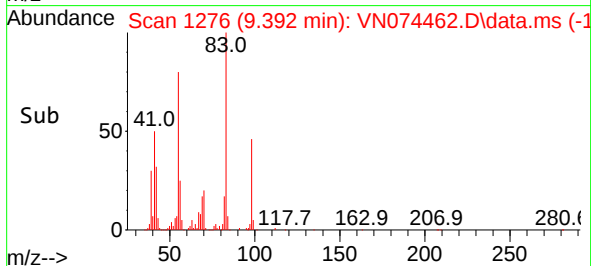
Tgt Ion:	83	Resp:	22114
Ion Ratio	Lower	Upper	
83	100		
55	80.2	57.8	86.8
98	46.3	39.4	59.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/16/2022

Supervised By :Mahesh Dadoda 09/16/2022



#40

Benzene

Concen: 18.933 ug/l

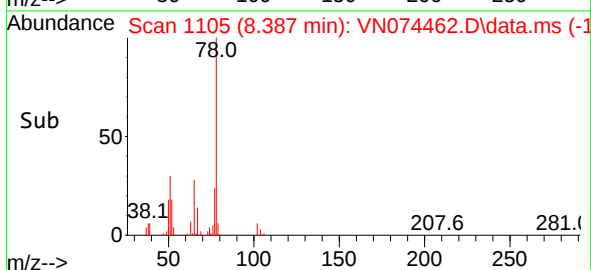
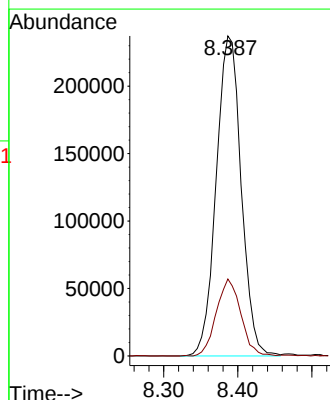
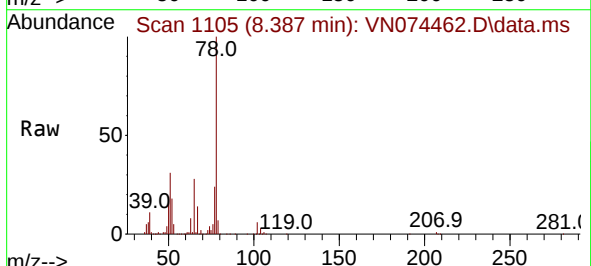
RT: 8.387 min Scan# 1105

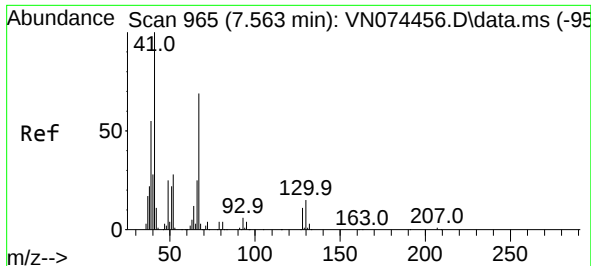
Delta R.T. 0.001 min

Lab File: VN074462.D

Acq: 15 Sep 2022 15:21

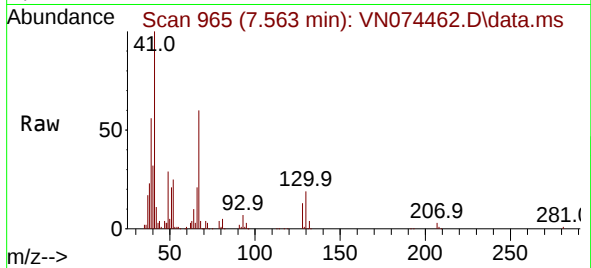
Tgt Ion:	78	Resp:	555066
Ion Ratio	Lower	Upper	
78	100		
77	24.0	19.4	29.0





#41
Methacrylonitrile
Concen: 16.147 ug/l
RT: 7.563 min Scan# 911
Delta R.T. 0.000 min
Lab File: VN074462.D
Acq: 15 Sep 2022 15:21

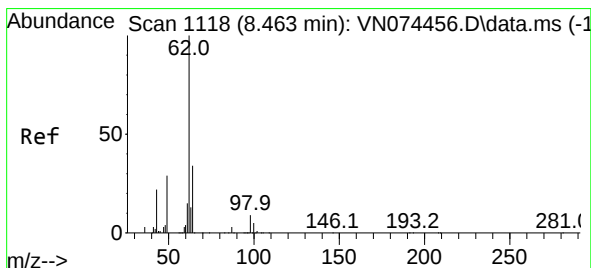
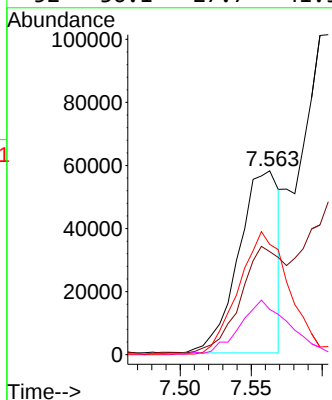
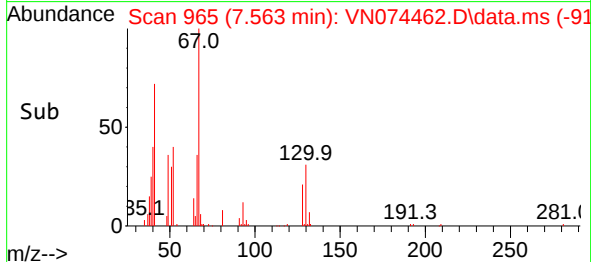
Instrument :
MSVOA_N
ClientSampleId :
VN0915WBS01



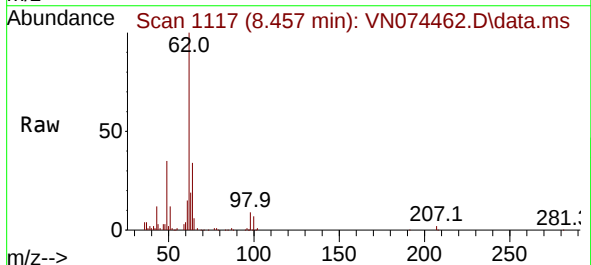
Tgt Ion: 41 Resp: 114302
Ion Ratio Lower Upper
41 100
39 63.7 48.6 73.0
67 85.8 73.4 110.2
52 36.1 27.7 41.5

Manual Integrations
APPROVED

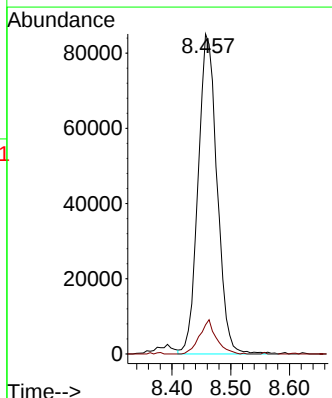
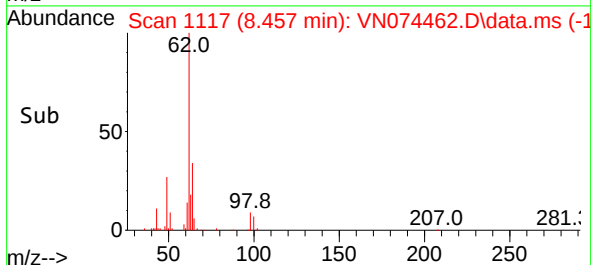
Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022

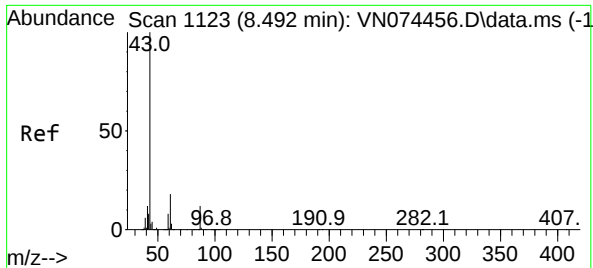


#42
1,2-Dichloroethane
Concen: 19.019 ug/l
RT: 8.457 min Scan# 1117
Delta R.T. -0.006 min
Lab File: VN074462.D
Acq: 15 Sep 2022 15:21



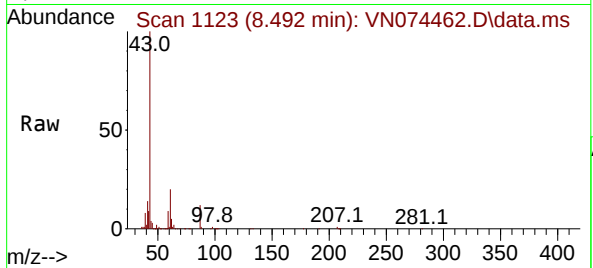
Tgt Ion: 62 Resp: 191349
Ion Ratio Lower Upper
62 100
98 9.4 0.0 19.4





#43
Isopropyl Acetate
Concen: 19.445 ug/l
RT: 8.492 min Scan# 1123
Delta R.T. 0.000 min
Lab File: VN074462.D
Acq: 15 Sep 2022 15:21

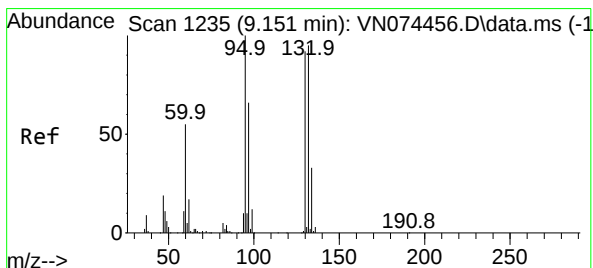
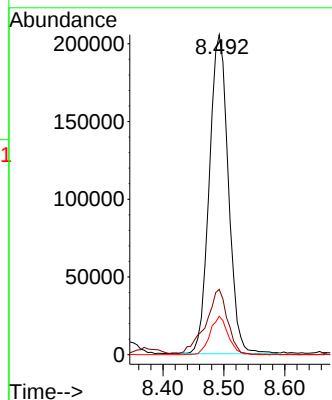
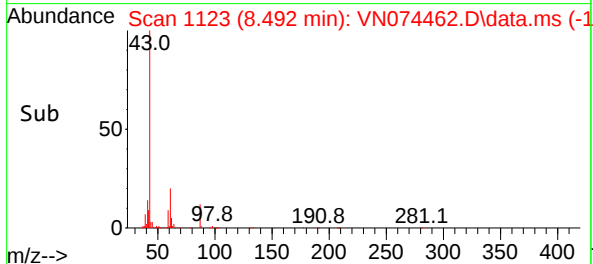
Instrument :
MSVOA_N
ClientSampleId :
VN0915WBS01



Tgt Ion: 43 Resp: 445980
Ion Ratio Lower Upper
43 100
61 23.5 21.9 32.9
87 11.4 12.0 18.0

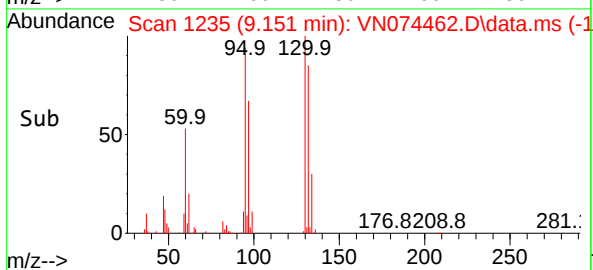
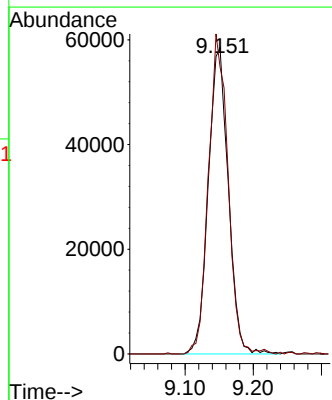
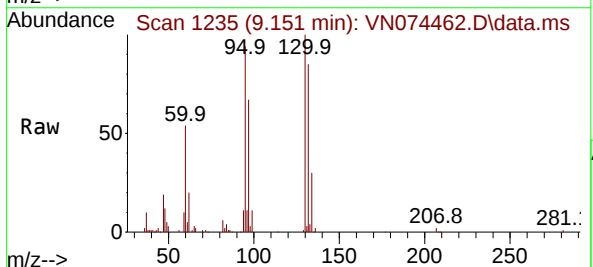
Manual Integrations
APPROVED

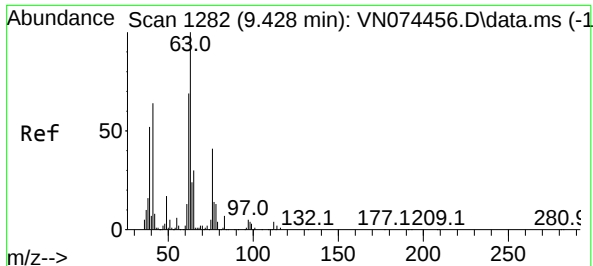
Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022



#44
Trichloroethene
Concen: 18.816 ug/l
RT: 9.151 min Scan# 1235
Delta R.T. 0.000 min
Lab File: VN074462.D
Acq: 15 Sep 2022 15:21

Tgt Ion:130 Resp: 119368
Ion Ratio Lower Upper
130 100
95 93.7 0.0 186.8





#45

1,2-Dichloropropane

Concen: 18.470 ug/l

RT: 9.422 min Scan# 1281

Delta R.T. -0.006 min

Lab File: VN074462.D

Acq: 15 Sep 2022 15:21

Instrument :

MSVOA_N

ClientSampleId :

VN0915WBS01

Tgt Ion: 63 Resp: 14881

Ion Ratio Lower Upper

63 100

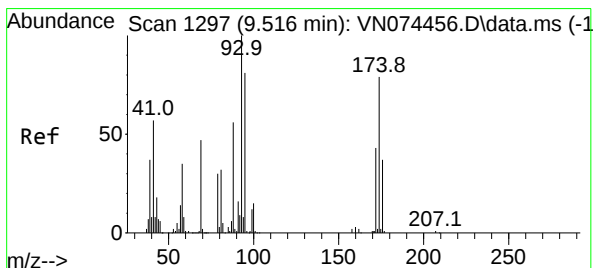
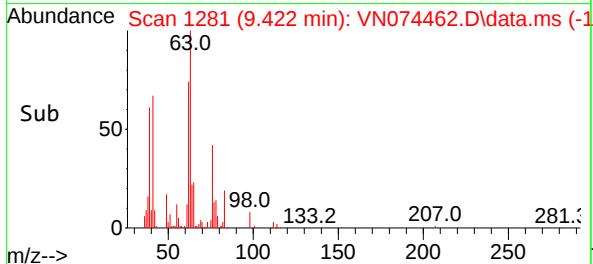
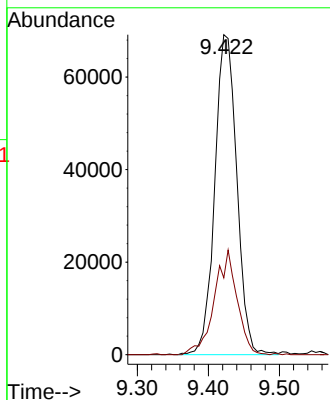
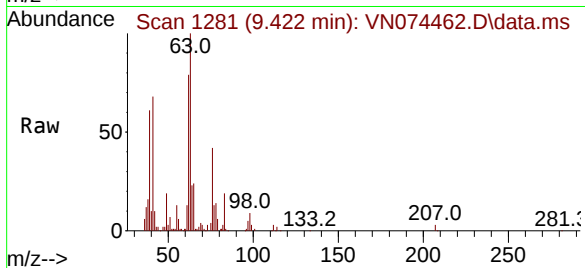
65 24.0 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/16/2022

Supervised By :Mahesh Dadoda 09/16/2022



#46

Dibromomethane

Concen: 18.566 ug/l

RT: 9.516 min Scan# 1297

Delta R.T. -0.000 min

Lab File: VN074462.D

Acq: 15 Sep 2022 15:21

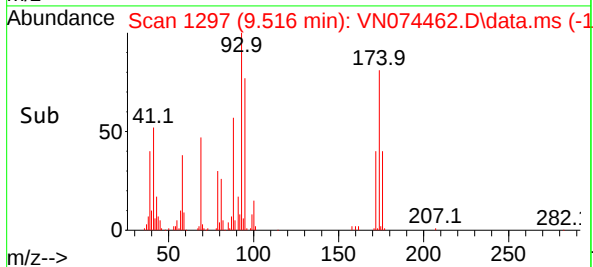
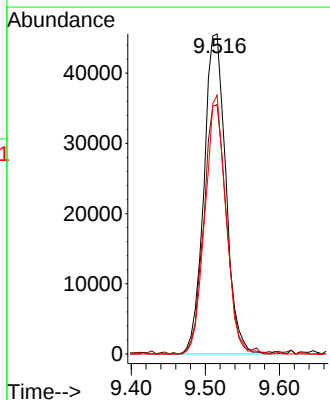
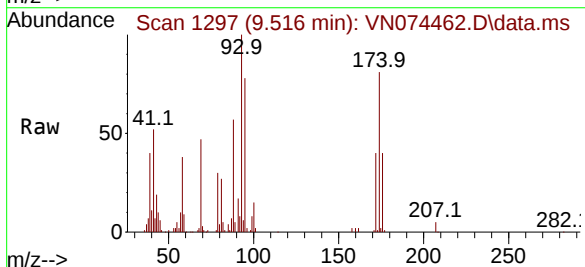
Tgt Ion: 93 Resp: 93691

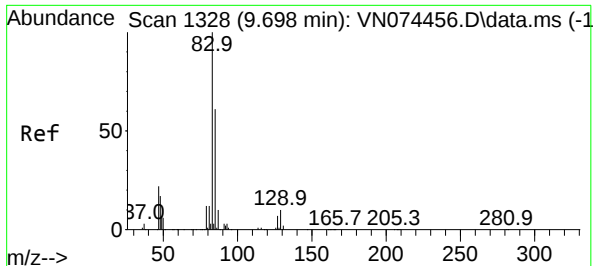
Ion Ratio Lower Upper

93 100

95 80.3 66.9 100.3

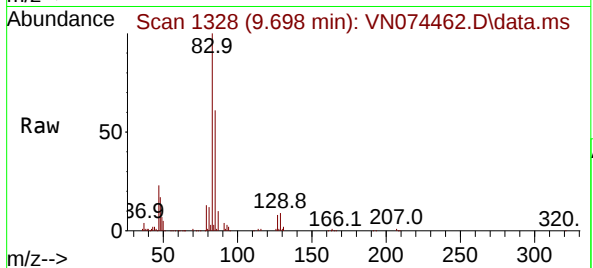
174 77.6 86.6 130.0





#47
Bromodichloromethane
Concen: 18.871 ug/l
RT: 9.698 min Scan# 1328
Delta R.T. 0.000 min
Lab File: VN074462.D
Acq: 15 Sep 2022 15:21

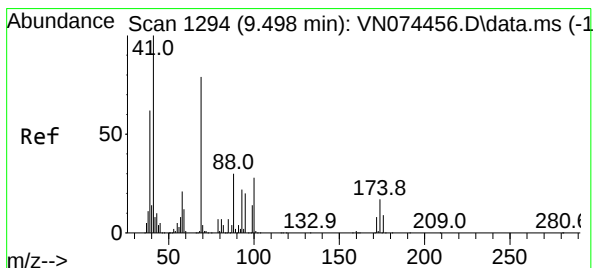
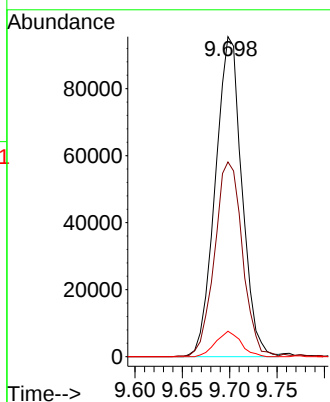
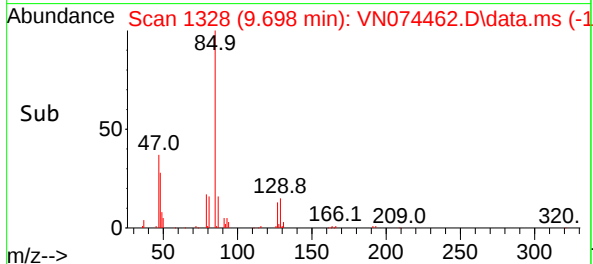
Instrument :
MSVOA_N
ClientSampleId :
VN0915WBS01



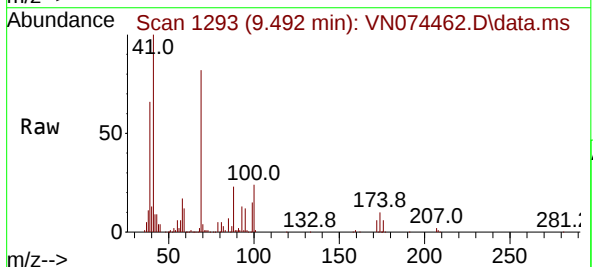
Tgt Ion: 83 Resp: 186698
Ion Ratio Lower Upper
83 100
85 60.6 50.5 75.7
127 8.0 6.8 10.2

Manual Integrations
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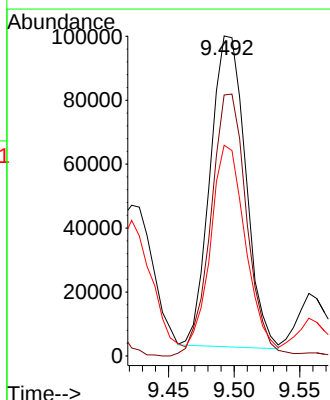
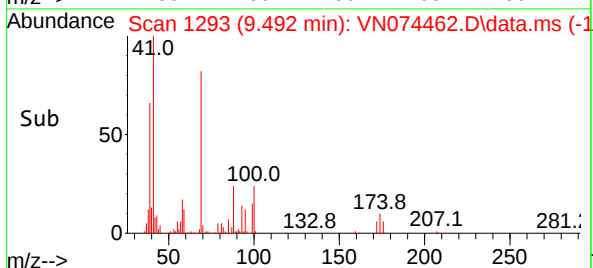
Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022

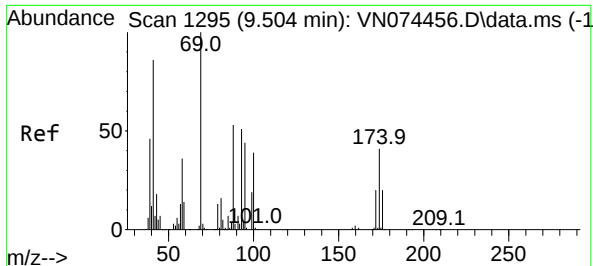


#48
Methyl methacrylate
Concen: 17.972 ug/l
RT: 9.492 min Scan# 1293
Delta R.T. -0.006 min
Lab File: VN074462.D
Acq: 15 Sep 2022 15:21



Tgt Ion: 41 Resp: 182768
Ion Ratio Lower Upper
41 100
69 85.5 74.7 112.1
39 66.6 45.6 68.4





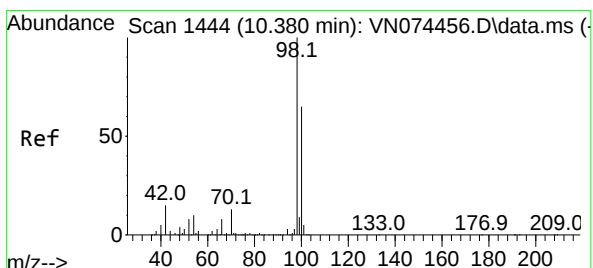
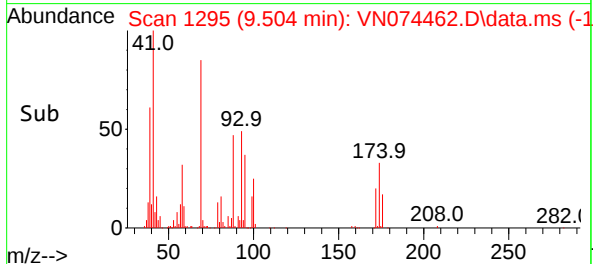
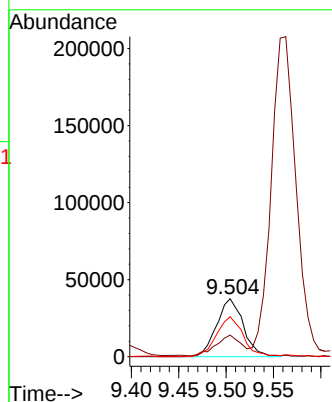
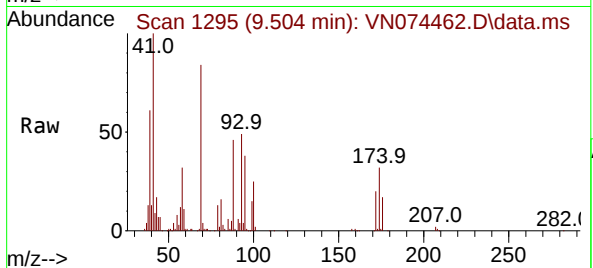
#49
1,4-Dioxane
Concen: 375.027 ug/l
RT: 9.504 min Scan# 1295
Delta R.T. 0.000 min
Lab File: VN074462.D
Acq: 15 Sep 2022 15:21

Instrument :
MSVOA_N
ClientSampleId :
VN0915WBS01

Tgt Ion: 88 Resp: 73324
Ion Ratio Lower Upper
88 100
43 33.3 20.2 30.4
58 69.1 54.2 81.4

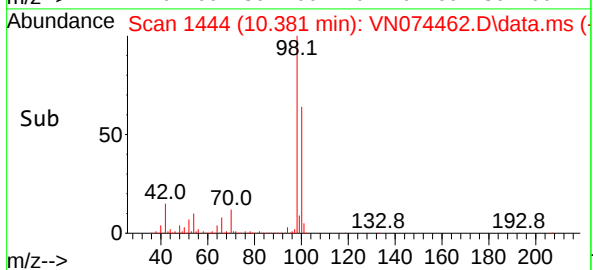
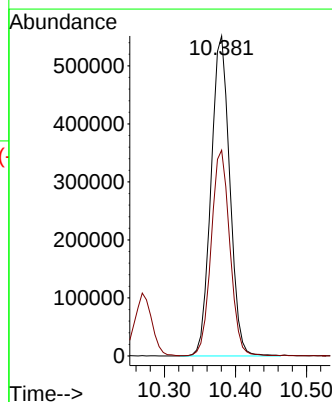
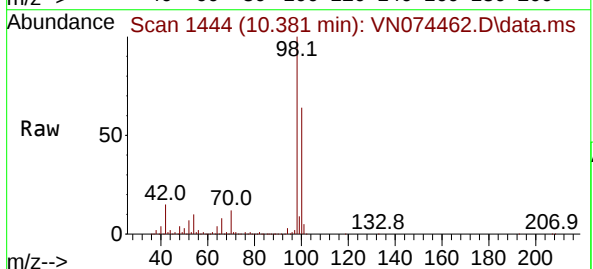
Manual Integrations
APPROVED

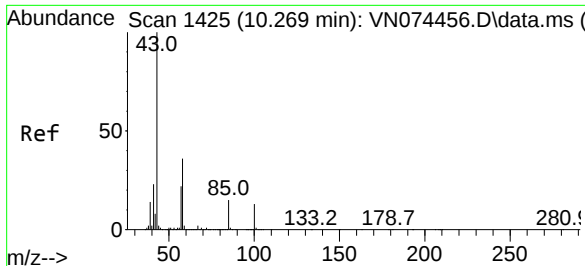
Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022



#50
Toluene-d8
Concen: 48.760 ug/l
RT: 10.381 min Scan# 1444
Delta R.T. 0.001 min
Lab File: VN074462.D
Acq: 15 Sep 2022 15:21

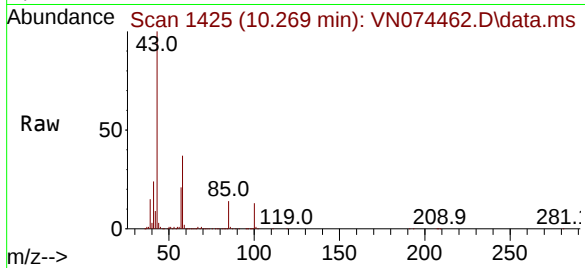
Tgt Ion: 98 Resp: 1010079
Ion Ratio Lower Upper
98 100
100 63.8 52.6 78.8





#51
4-Methyl-2-Pentanone
Concen: 97.760 ug/l
RT: 10.269 min Scan# 1425
Delta R.T. -0.000 min
Lab File: VN074462.D
Acq: 15 Sep 2022 15:21

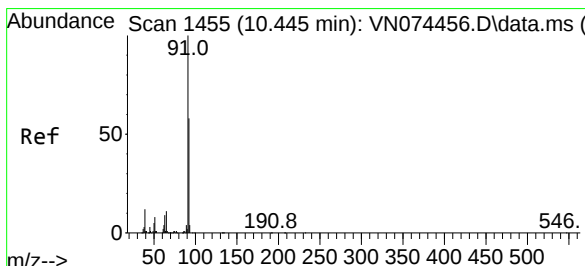
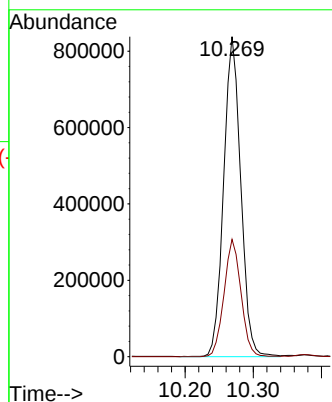
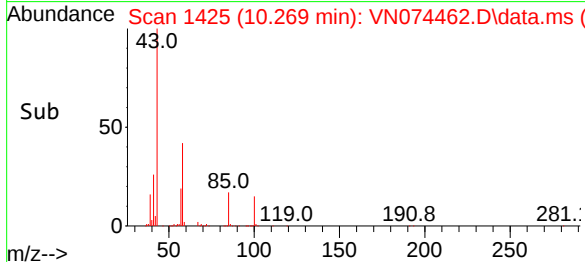
Instrument :
MSVOA_N
ClientSampleId :
VN0915WBS01



Tgt Ion: 43 Resp: 1464140
Ion Ratio Lower Upper
43 100
58 36.4 34.1 51.1

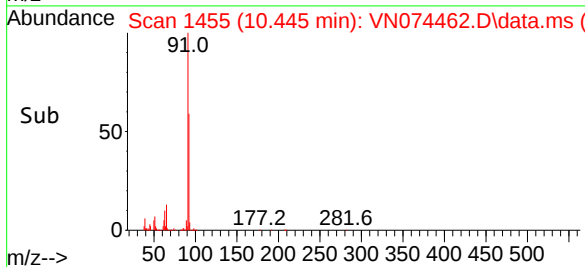
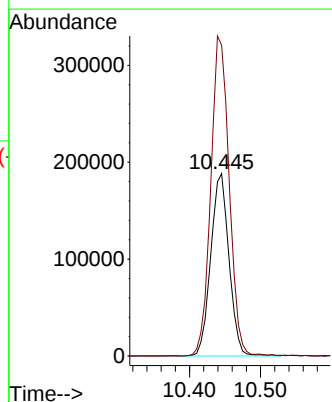
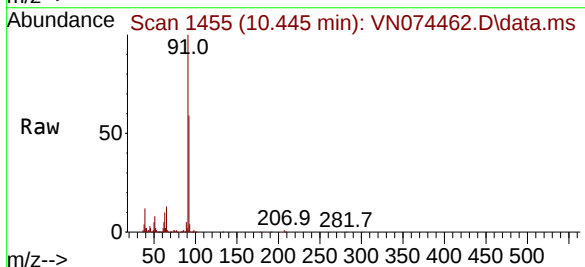
Manual Integrations
APPROVED

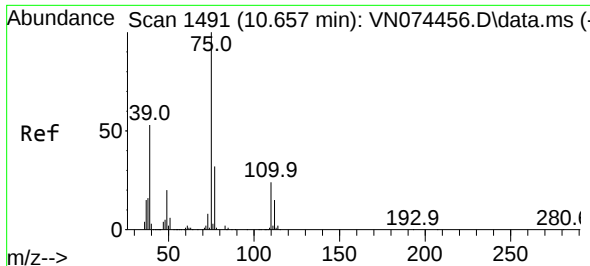
Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022



#52
Toluene
Concen: 19.510 ug/l
RT: 10.445 min Scan# 1455
Delta R.T. 0.000 min
Lab File: VN074462.D
Acq: 15 Sep 2022 15:21

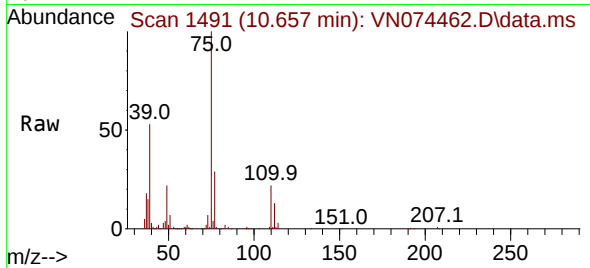
Tgt Ion: 92 Resp: 335413
Ion Ratio Lower Upper
92 100
91 177.3 138.6 207.8





#53
 t-1,3-Dichloropropene
 Concen: 19.086 ug/l
 RT: 10.657 min Scan# 1491
 Delta R.T. -0.000 min
 Lab File: VN074462.D
 Acq: 15 Sep 2022 15:21

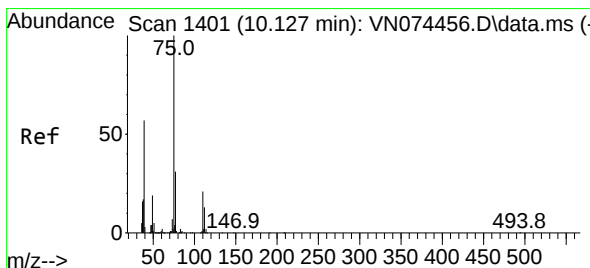
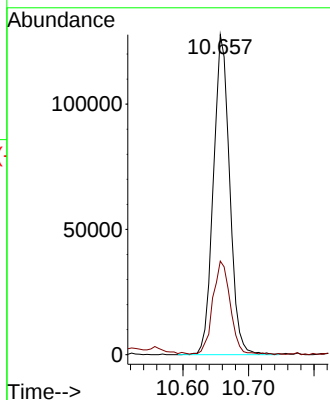
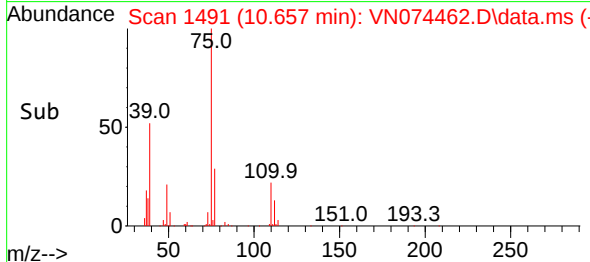
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0915WBS01



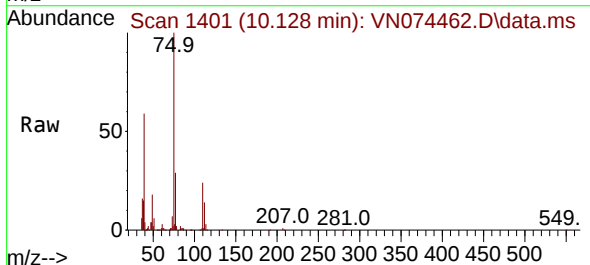
Tgt Ion: 75 Resp: 220075
 Ion Ratio Lower Upper
 75 100
 77 28.9 25.6 38.4

Manual Integrations
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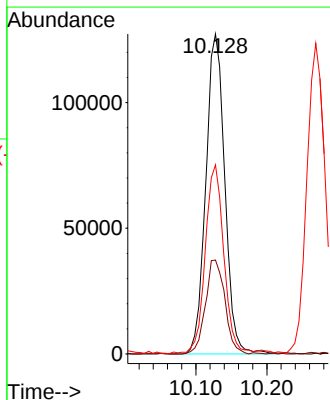
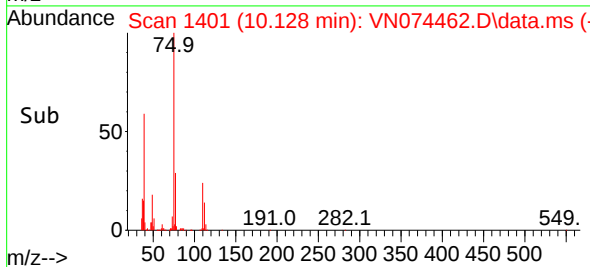
Reviewed By :John Carlone 09/16/2022
 Supervised By :Mahesh Dadoda 09/16/2022

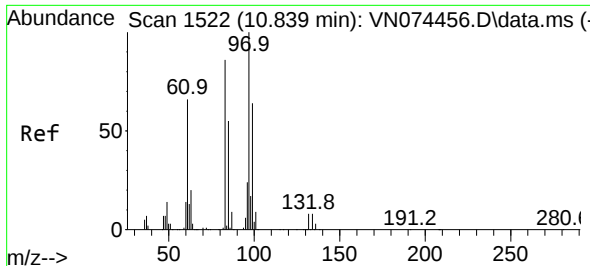


#54
 cis-1,3-Dichloropropene
 Concen: 19.172 ug/l
 RT: 10.128 min Scan# 1401
 Delta R.T. 0.001 min
 Lab File: VN074462.D
 Acq: 15 Sep 2022 15:21



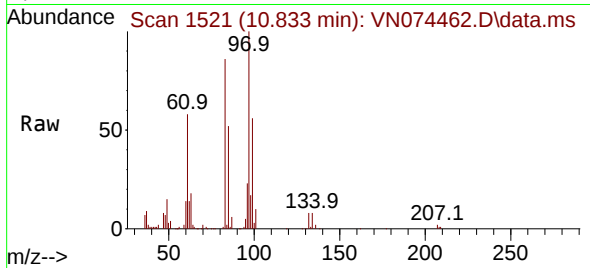
Tgt Ion: 75 Resp: 236569
 Ion Ratio Lower Upper
 75 100
 77 29.4 25.2 37.8
 39 58.7 35.7 53.5#





#55
1,1,2-Trichloroethane
Concen: 18.739 ug/l
RT: 10.833 min Scan# 1522
Delta R.T. -0.006 min
Lab File: VN074462.D
Acq: 15 Sep 2022 15:21

Instrument :
MSVOA_N
ClientSampleId :
VN0915WBS01

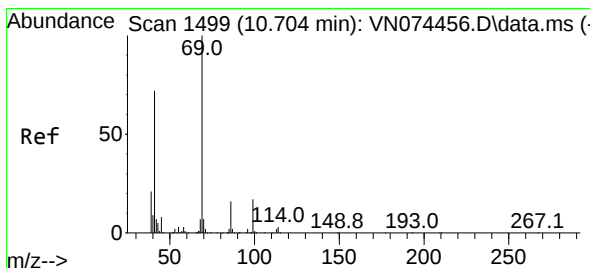
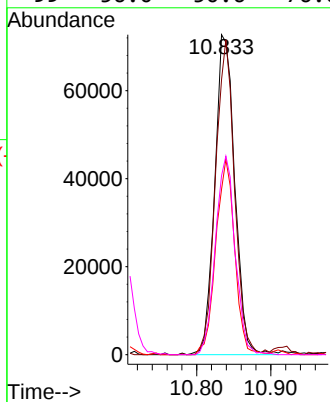
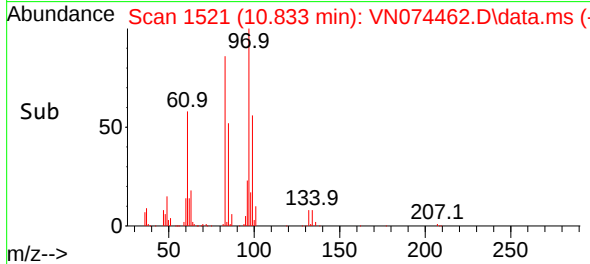


Tgt Ion: 97 Resp: 136464

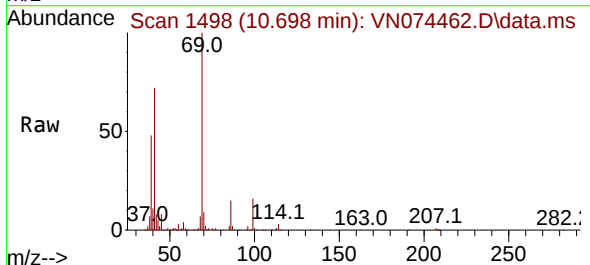
Ion	Ratio	Lower	Upper
97	100		
83	86.0	66.2	99.4
85	51.7	43.9	65.9
99	56.0	50.6	76.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022

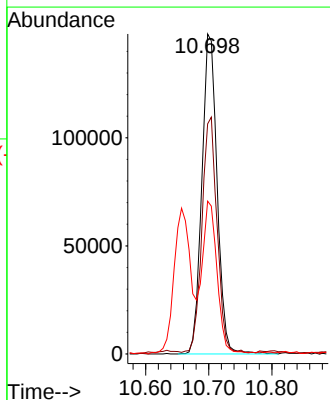
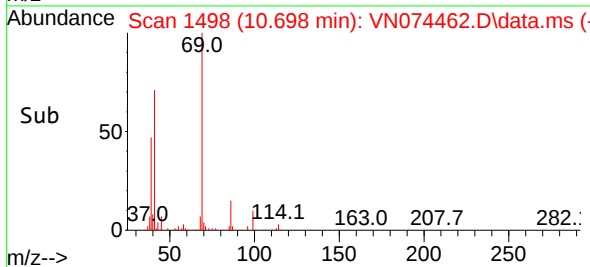


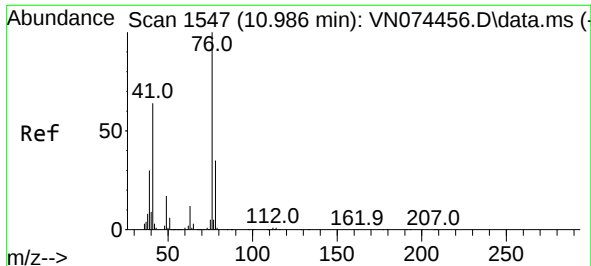
#56
Ethyl methacrylate
Concen: 19.167 ug/l
RT: 10.698 min Scan# 1498
Delta R.T. -0.006 min
Lab File: VN074462.D
Acq: 15 Sep 2022 15:21



Tgt Ion: 69 Resp: 249323

Ion	Ratio	Lower	Upper
69	100		
41	72.6	47.8	71.6#
39	45.1	27.3	40.9#





#57

1,3-Dichloropropane

Concen: 18.700 ug/l

RT: 10.986 min Scan# 1547

Delta R.T. 0.000 min

Lab File: VN074462.D

Acq: 15 Sep 2022 15:21

Instrument :

MSVOA_N

ClientSampleId :

VN0915WBS01

Tgt Ion: 76 Resp: 238758

Ion Ratio Lower Upper

76 100

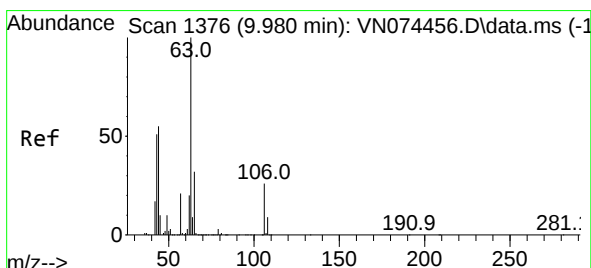
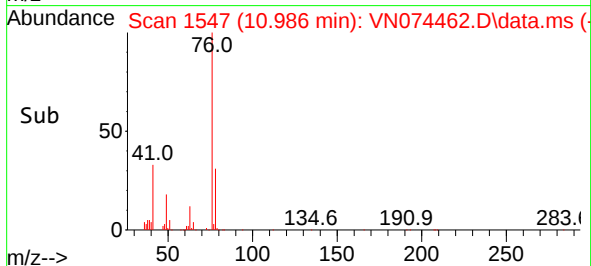
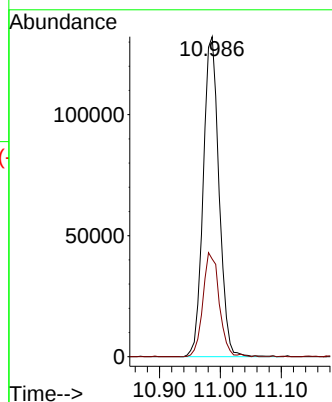
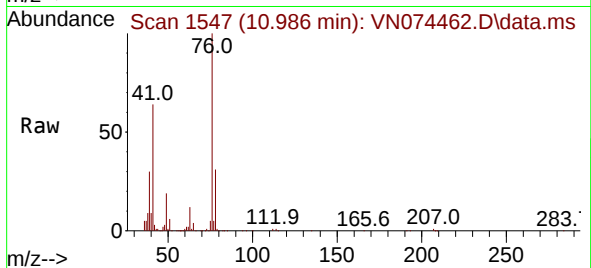
78 33.7 26.2 39.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/16/2022

Supervised By :Mahesh Dadoda 09/16/2022



#58

2-Chloroethyl Vinyl ether

Concen: 84.051 ug/l

RT: 9.981 min Scan# 1376

Delta R.T. 0.001 min

Lab File: VN074462.D

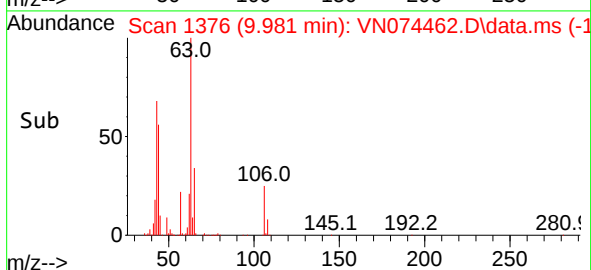
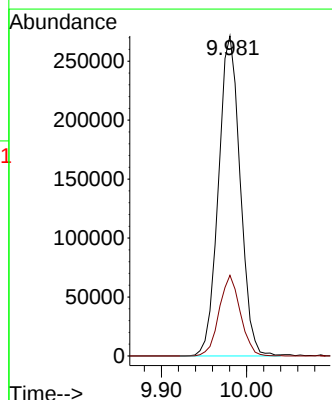
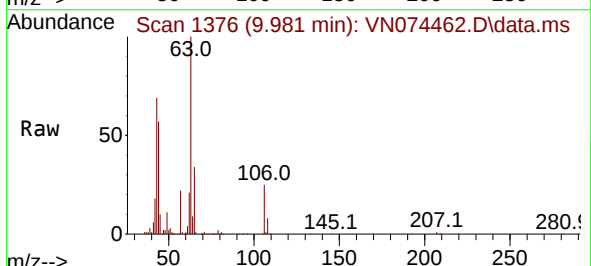
Acq: 15 Sep 2022 15:21

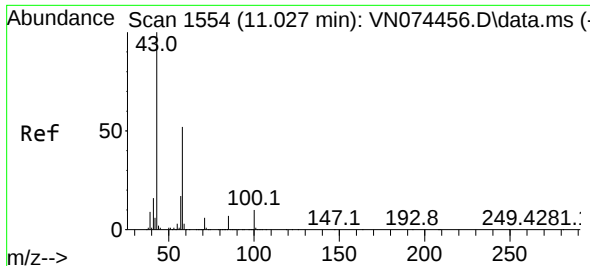
Tgt Ion: 63 Resp: 481173

Ion Ratio Lower Upper

63 100

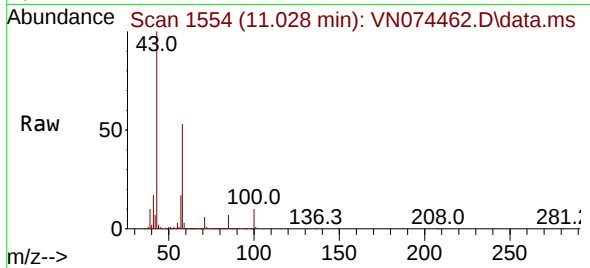
106 24.6 24.6 36.8





#59
2-Hexanone
Concen: 98.976 ug/l
RT: 11.028 min Scan# 11028
Delta R.T. 0.001 min
Lab File: VN074462.D
Acq: 15 Sep 2022 15:21

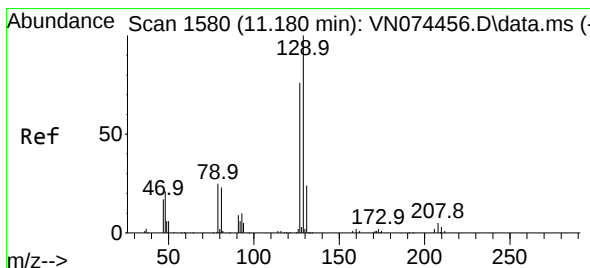
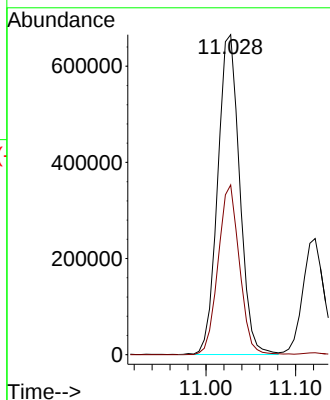
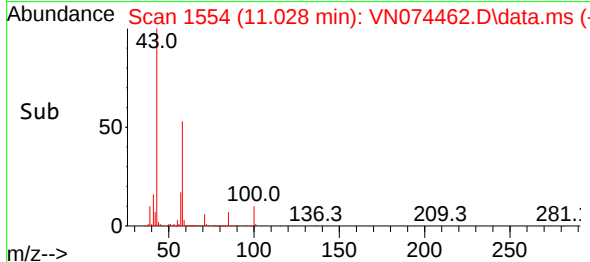
Instrument :
MSVOA_N
ClientSampleId :
VN0915WBS01



Tgt Ion: 43 Resp: 113162
Ion Ratio Lower Upper
43 100
58 51.6 29.7 89.1

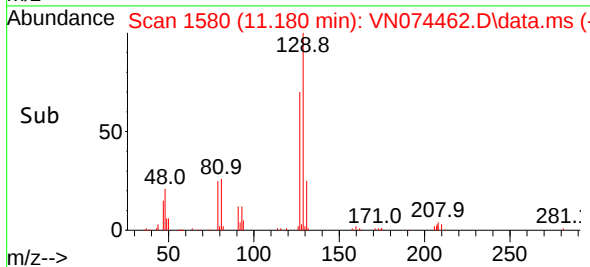
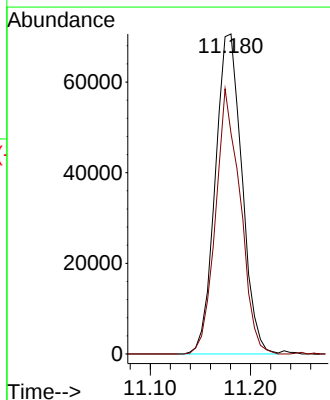
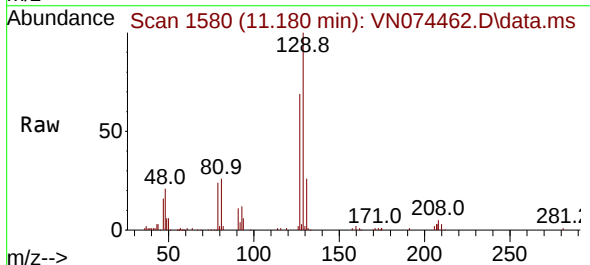
Manual Integrations
APPROVED

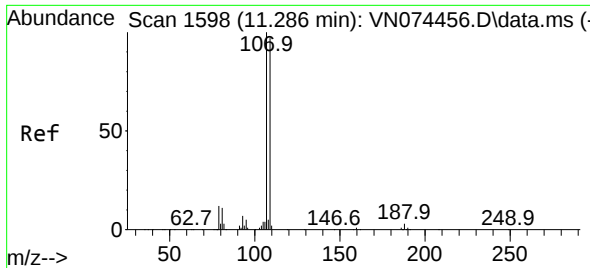
Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022



#60
Dibromochloromethane
Concen: 18.726 ug/l
RT: 11.180 min Scan# 1580
Delta R.T. 0.000 min
Lab File: VN074462.D
Acq: 15 Sep 2022 15:21

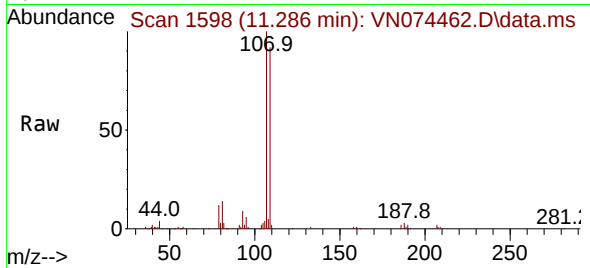
Tgt Ion:129 Resp: 130543
Ion Ratio Lower Upper
129 100
127 76.5 38.8 116.4





#61
1,2-Dibromoethane
Concen: 18.537 ug/l
RT: 11.286 min Scan# 1598
Delta R.T. 0.000 min
Lab File: VN074462.D
Acq: 15 Sep 2022 15:21

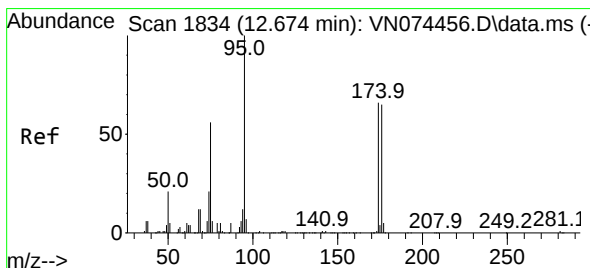
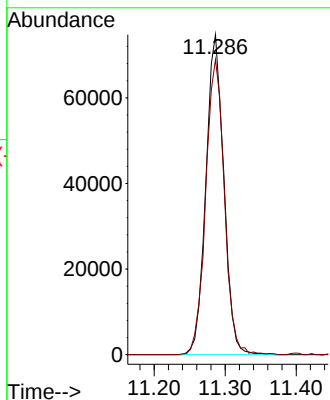
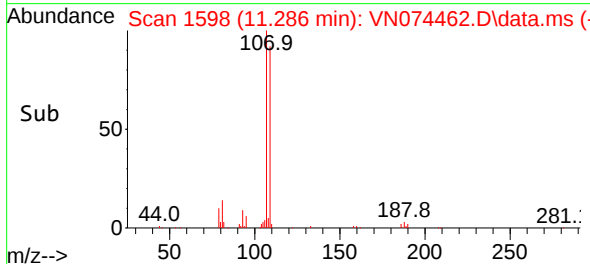
Instrument :
MSVOA_N
ClientSampleId :
VN0915WBS01



Tgt Ion:107 Resp: 131130
Ion Ratio Lower Upper
107 100
109 96.1 75.0 112.6

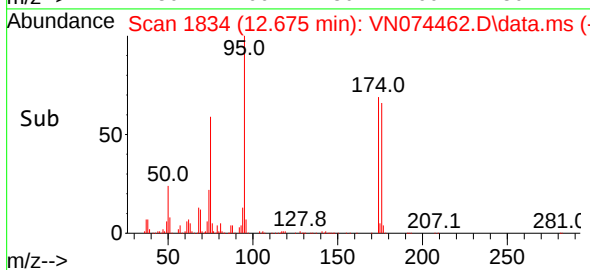
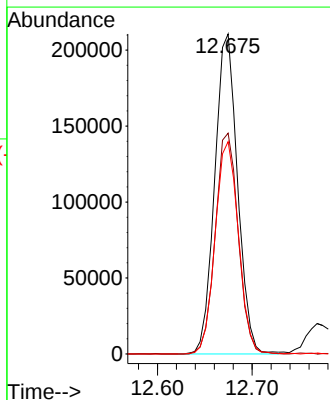
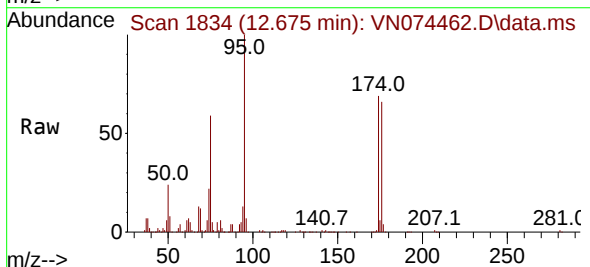
Manual Integrations
APPROVED

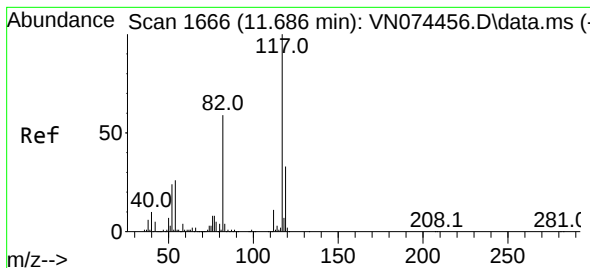
Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022



#62
4-Bromofluorobenzene
Concen: 49.765 ug/l
RT: 12.675 min Scan# 1834
Delta R.T. 0.001 min
Lab File: VN074462.D
Acq: 15 Sep 2022 15:21

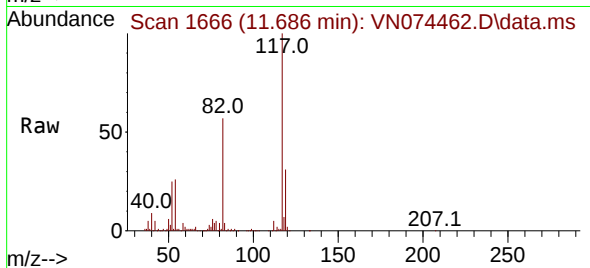
Tgt Ion: 95 Resp: 353078
Ion Ratio Lower Upper
95 100
174 69.3 0.0 167.6
176 67.8 0.0 163.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1666
Delta R.T. 0.000 min
Lab File: VN074462.D
Acq: 15 Sep 2022 15:21

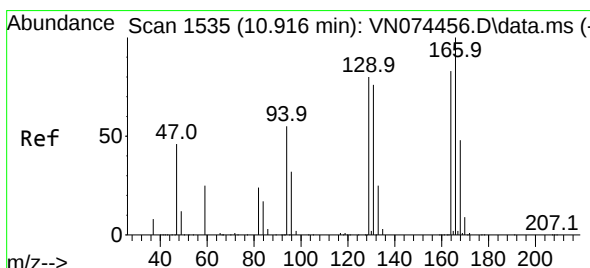
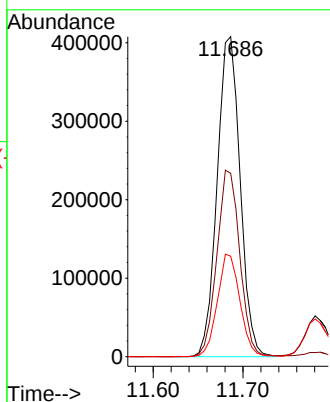
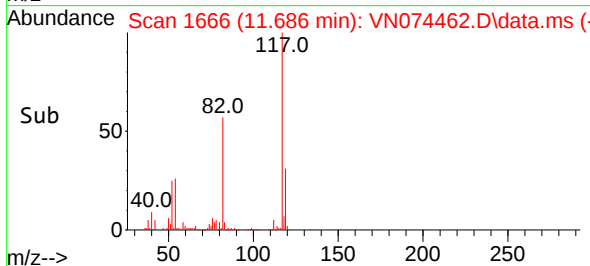
Instrument :
MSVOA_N
ClientSampleId :
VN0915WBS01



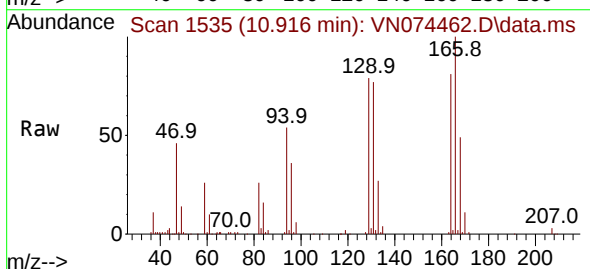
Tgt Ion:117 Resp: 725840
Ion Ratio Lower Upper
117 100
82 57.3 44.2 66.2
119 31.3 25.4 38.0

Manual Integrations
APPROVED

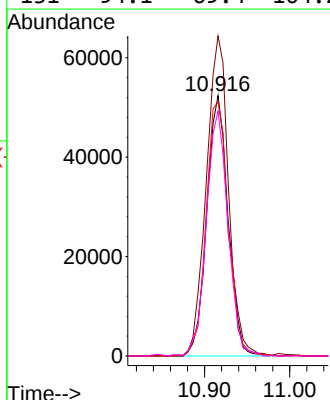
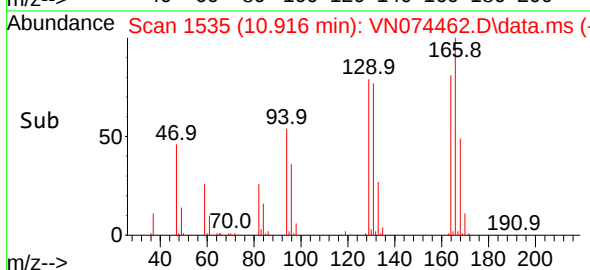
Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022

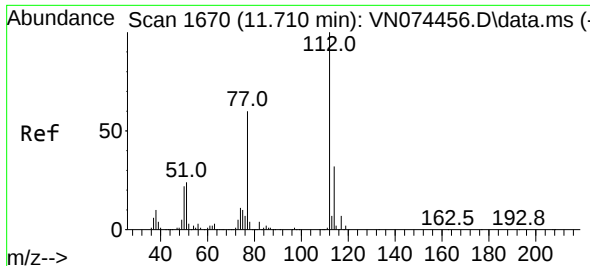


#64
Tetrachloroethene
Concen: 18.306 ug/l
RT: 10.916 min Scan# 1535
Delta R.T. -0.000 min
Lab File: VN074462.D
Acq: 15 Sep 2022 15:21



Tgt Ion:164 Resp: 91185
Ion Ratio Lower Upper
164 100
166 122.9 104.2 156.2
129 97.5 73.9 110.9
131 94.1 69.4 104.2





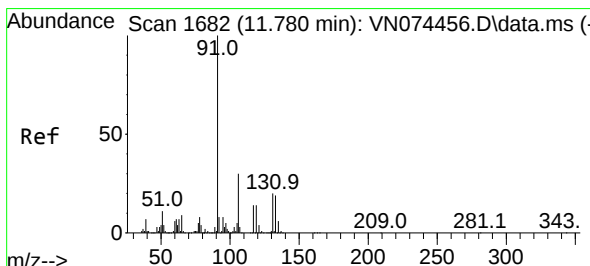
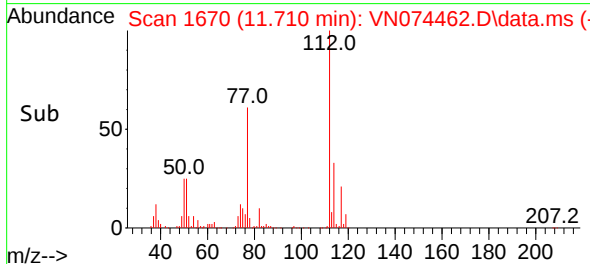
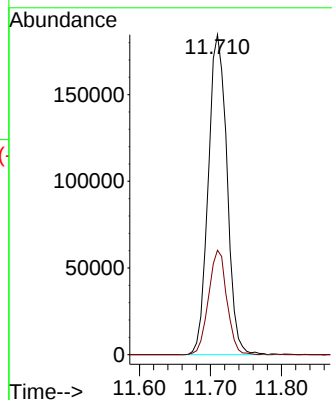
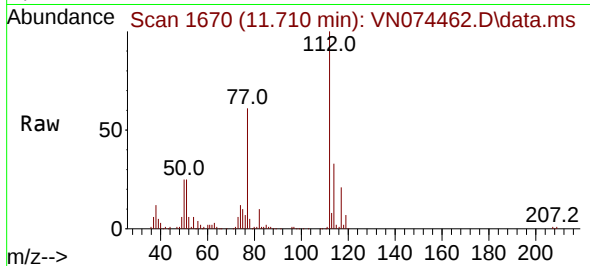
#65
Chlorobenzene
Concen: 18.536 ug/l
RT: 11.710 min Scan# 1670
Delta R.T. -0.000 min
Lab File: VN074462.D
Acq: 15 Sep 2022 15:21

Instrument :
MSVOA_N
ClientSampleId :
VN0915WBS01

Tgt Ion:112 Resp: 33775
Ion Ratio Lower Upper
112 100
114 32.7 25.4 38.2

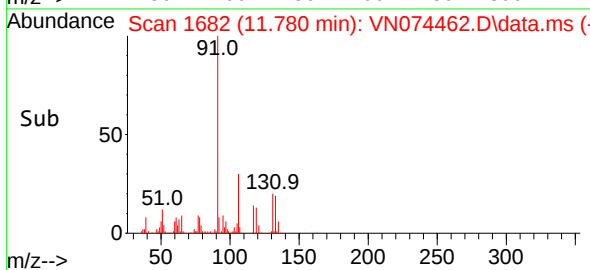
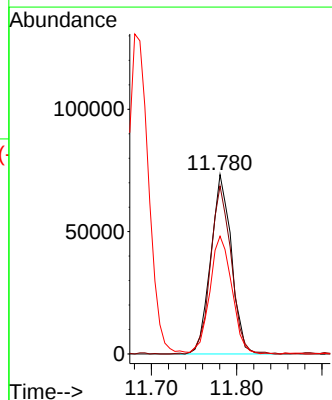
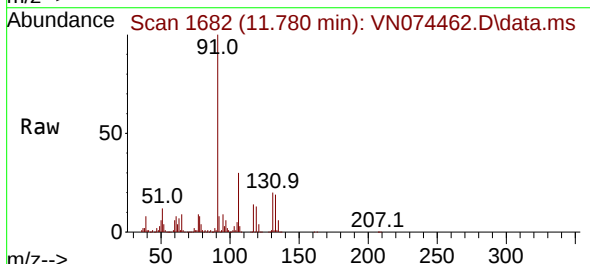
Manual Integrations
APPROVED

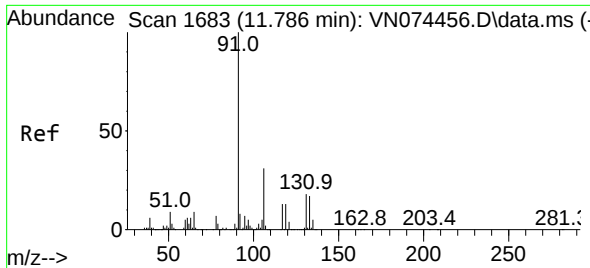
Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 18.634 ug/l
RT: 11.780 min Scan# 1682
Delta R.T. 0.000 min
Lab File: VN074462.D
Acq: 15 Sep 2022 15:21

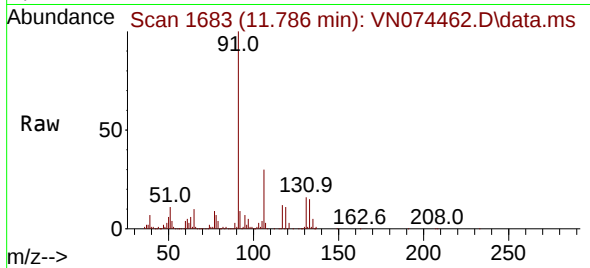
Tgt Ion:131 Resp: 123370
Ion Ratio Lower Upper
131 100
133 94.6 47.8 143.4
119 70.2 33.4 100.2





#67
Ethyl Benzene
Concen: 19.296 ug/l
RT: 11.786 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VN074462.D
Acq: 15 Sep 2022 15:21

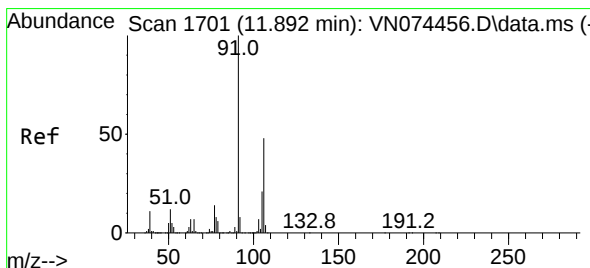
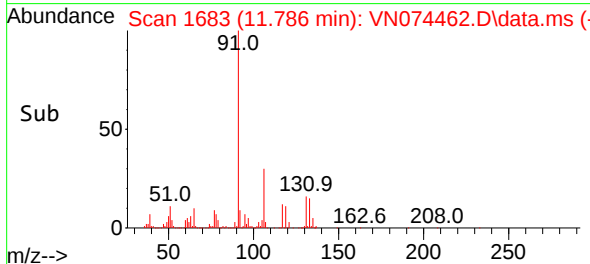
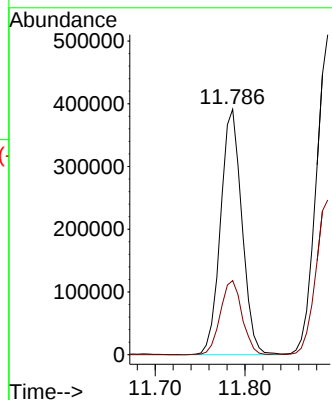
Instrument :
MSVOA_N
ClientSampleId :
VN0915WBS01



Tgt Ion: 91 Resp: 645559
Ion Ratio Lower Upper
91 100
106 30.2 24.9 37.3

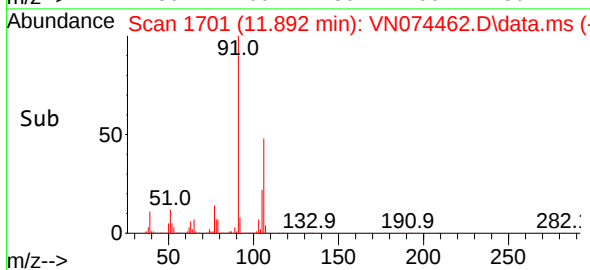
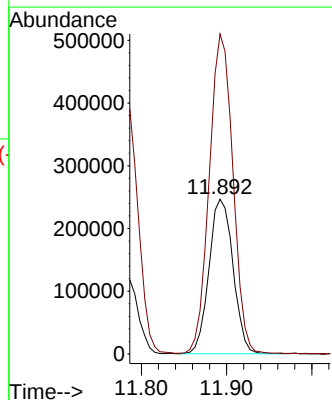
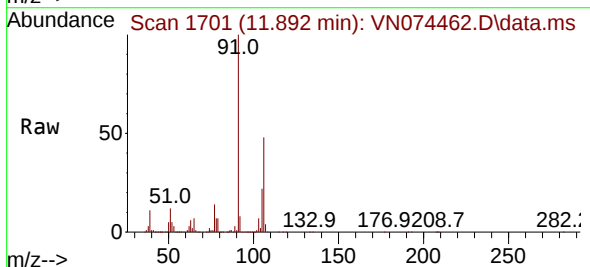
Manual Integrations
APPROVED

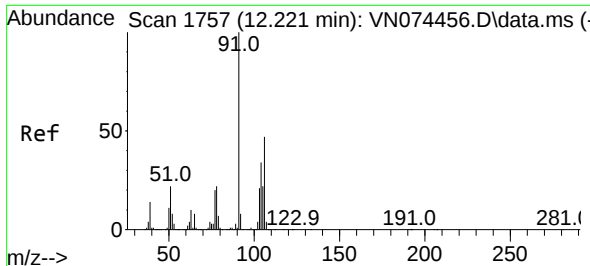
Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022



#68
m/p-Xylenes
Concen: 39.109 ug/l
RT: 11.892 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN074462.D
Acq: 15 Sep 2022 15:21

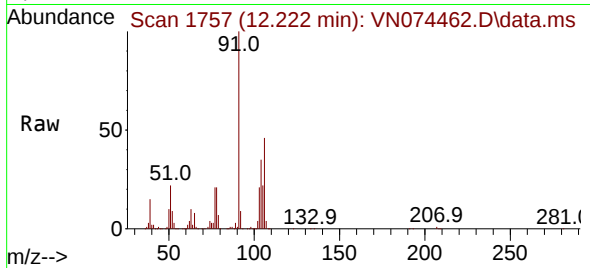
Tgt Ion:106 Resp: 483749
Ion Ratio Lower Upper
106 100
91 203.6 158.9 238.3





#69
o-Xylene
Concen: 18.682 ug/l
RT: 12.222 min Scan# 1757
Delta R.T. 0.001 min
Lab File: VN074462.D
Acq: 15 Sep 2022 15:21

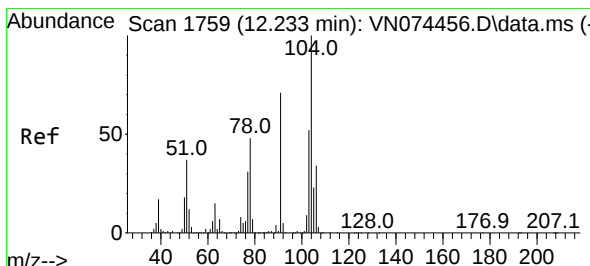
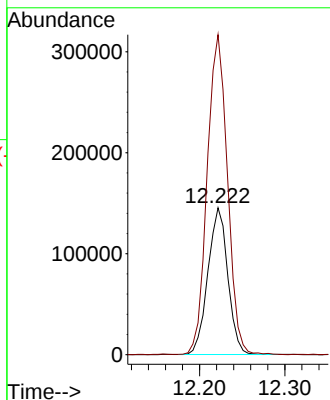
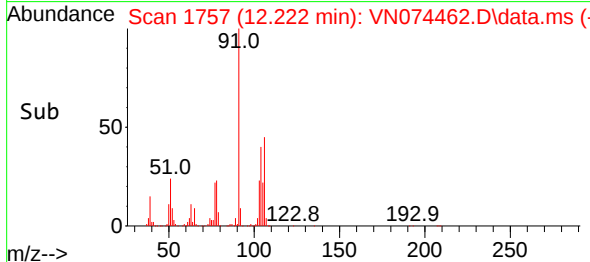
Instrument :
MSVOA_N
ClientSampleId :
VN0915WBS01



Tgt Ion:106 Resp: 235611
Ion Ratio Lower Upper
106 100
91 222.9 106.0 318.0

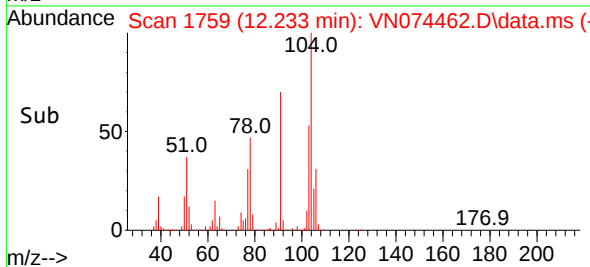
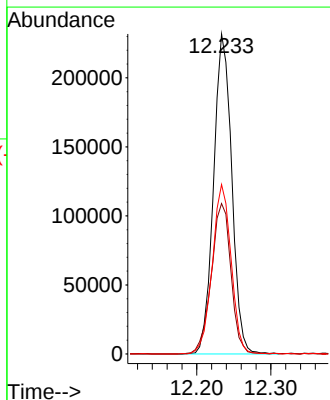
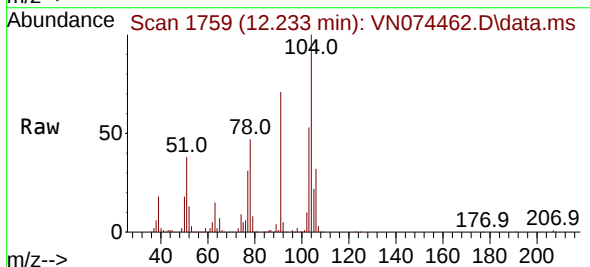
Manual Integrations
APPROVED

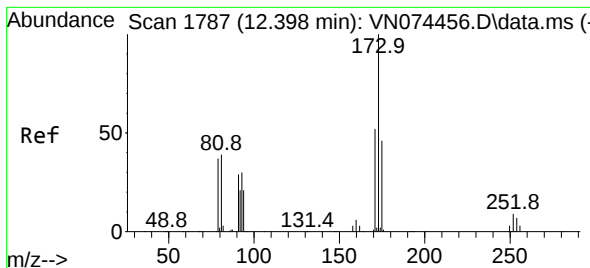
Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022



#70
Styrene
Concen: 18.819 ug/l
RT: 12.233 min Scan# 1759
Delta R.T. 0.000 min
Lab File: VN074462.D
Acq: 15 Sep 2022 15:21

Tgt Ion:104 Resp: 394807
Ion Ratio Lower Upper
104 100
78 50.7 39.5 59.3
103 55.0 44.0 66.0





#71

Bromoform

Concen: 18.313 ug/l

RT: 12.398 min Scan# 1787

Delta R.T. 0.000 min

Lab File: VN074462.D

Acq: 15 Sep 2022 15:21

Instrument :

MSVOA_N

ClientSampleId :

VN0915WBS01

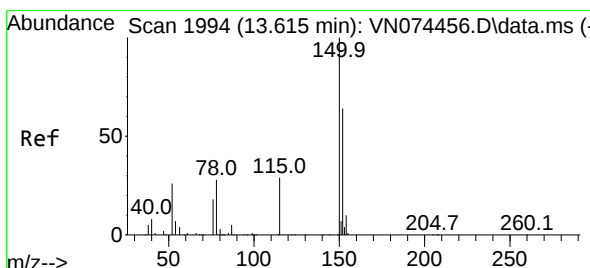
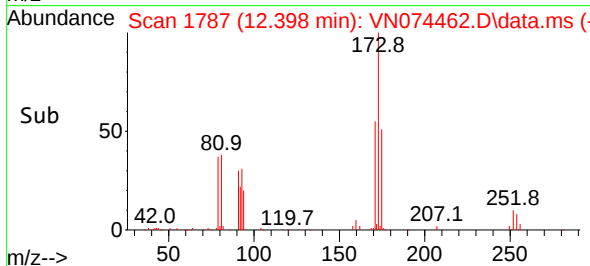
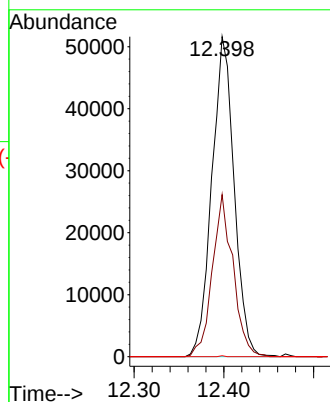
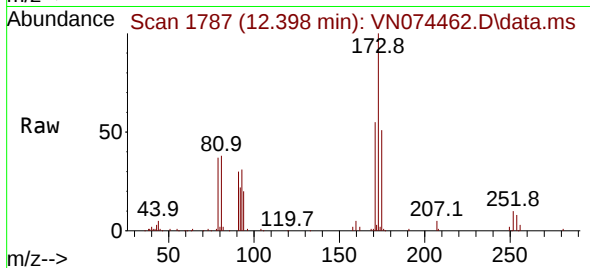
Tgt Ion:173 Resp: 89110
 Ion Ratio Lower Upper
 173 100
 175 47.1 24.6 73.6
 254 0.1 0.1 0.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/16/2022

Supervised By :Mahesh Dadoda 09/16/2022



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

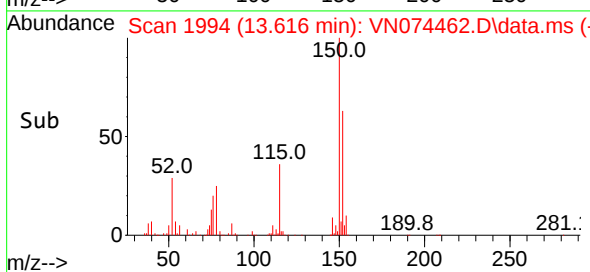
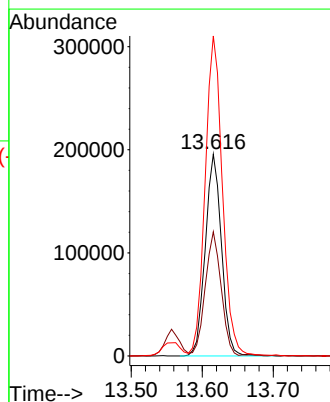
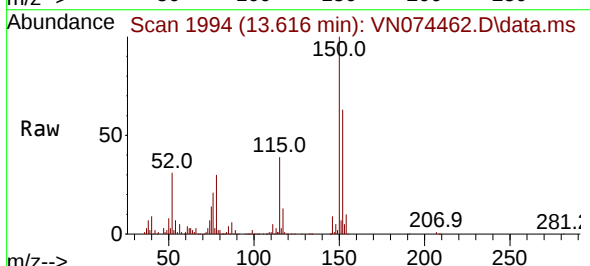
RT: 13.616 min Scan# 1994

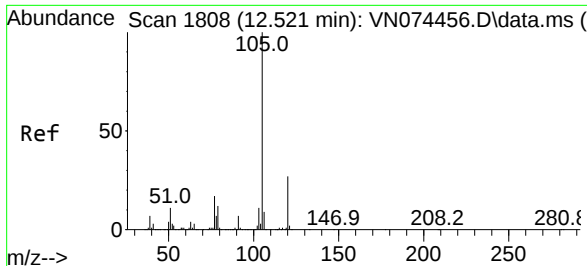
Delta R.T. 0.001 min

Lab File: VN074462.D

Acq: 15 Sep 2022 15:21

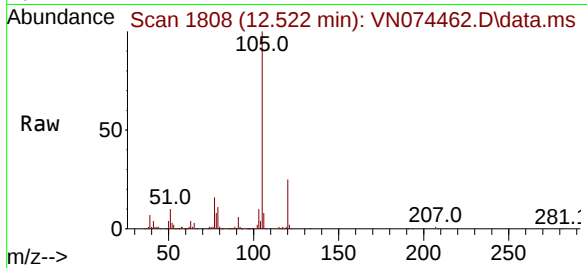
Tgt Ion:152 Resp: 311521
 Ion Ratio Lower Upper
 152 100
 115 59.5 28.9 86.7
 150 167.8 0.0 356.2





#73
Isopropylbenzene
Concen: 19.467 ug/l
RT: 12.522 min Scan# 1808
Delta R.T. 0.001 min
Lab File: VN074462.D
Acq: 15 Sep 2022 15:21

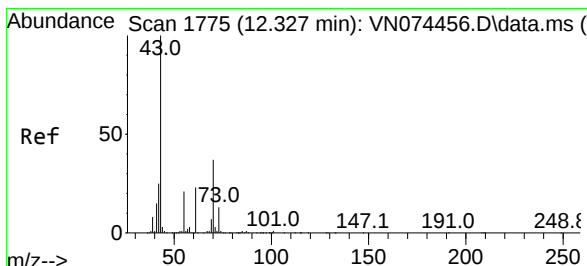
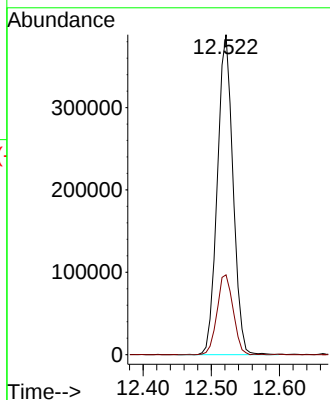
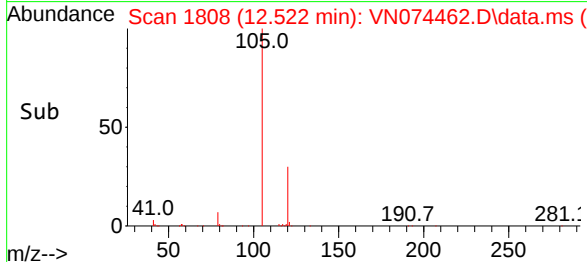
Instrument :
MSVOA_N
ClientSampleId :
VN0915WBS01



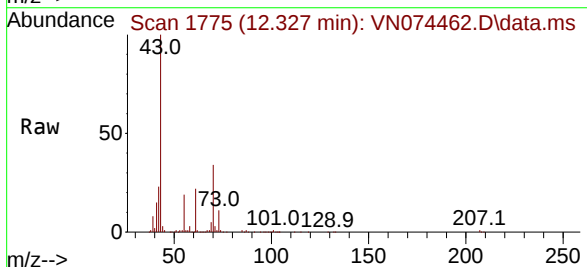
Tgt Ion:105 Resp: 62095
Ion Ratio Lower Upper
105 100
120 25.6 13.5 40.4

Manual Integrations
APPROVED

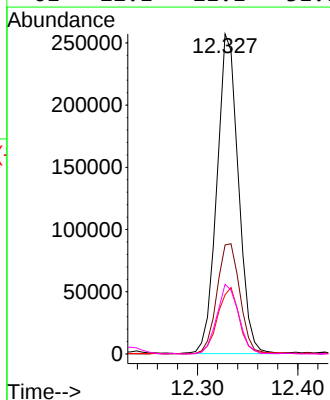
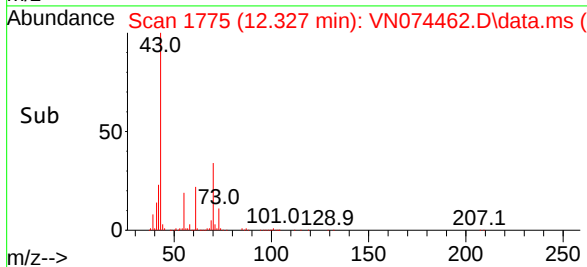
Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022

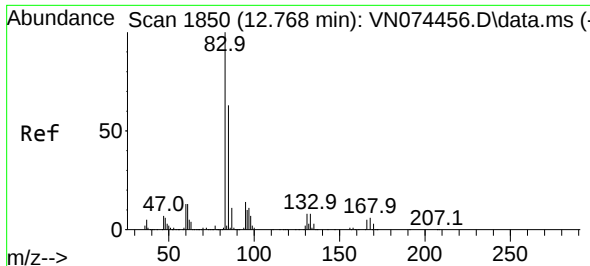


#74
N-ethyl acetate
Concen: 19.153 ug/l
RT: 12.327 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN074462.D
Acq: 15 Sep 2022 15:21



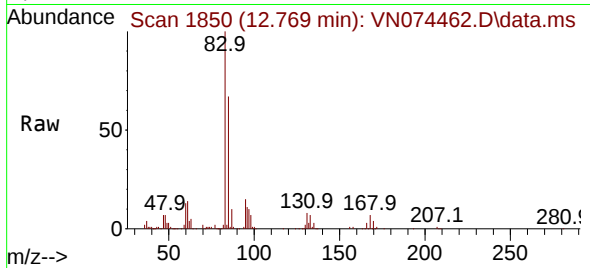
Tgt Ion: 43 Resp: 381976
Ion Ratio Lower Upper
43 100
70 37.2 39.0 58.4#
55 21.5 21.1 31.7
61 22.1 21.1 31.7





#75
 1,1,2,2-Tetrachloroethane
 Concen: 18.132 ug/l
 RT: 12.769 min Scan# 1850
 Delta R.T. 0.001 min
 Lab File: VN074462.D
 Acq: 15 Sep 2022 15:21

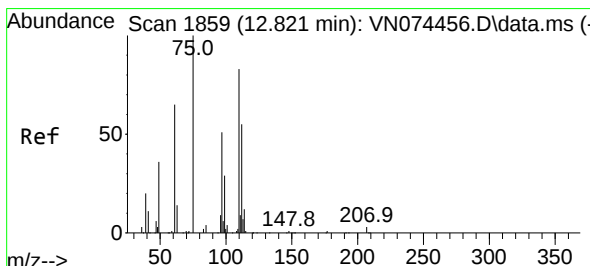
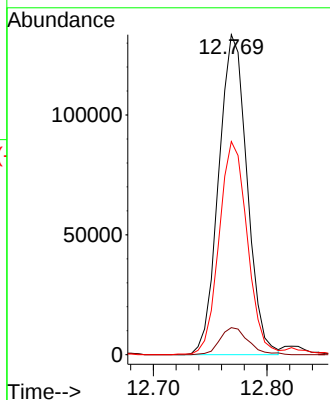
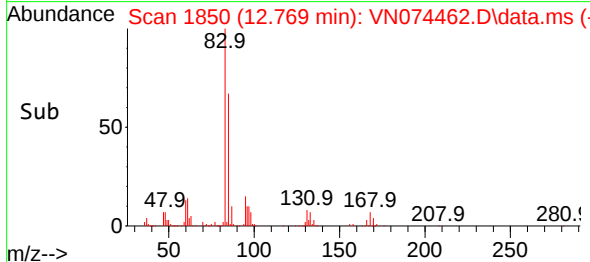
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0915WBS01



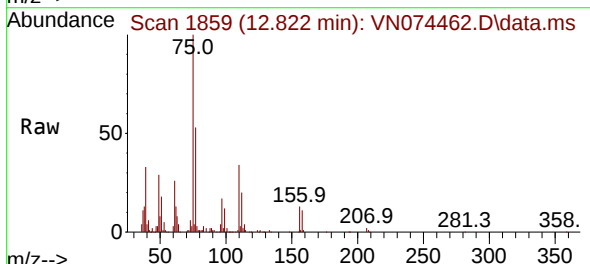
Tgt Ion: 83 Resp: 23177
 Ion Ratio Lower Upper
 83 100
 131 8.4 5.3 15.9
 85 66.1 32.3 96.9

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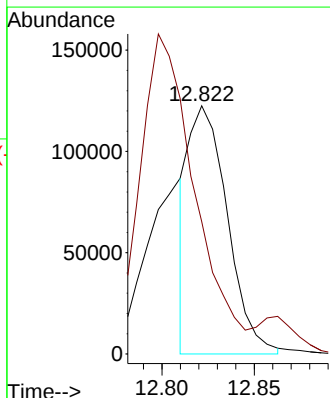
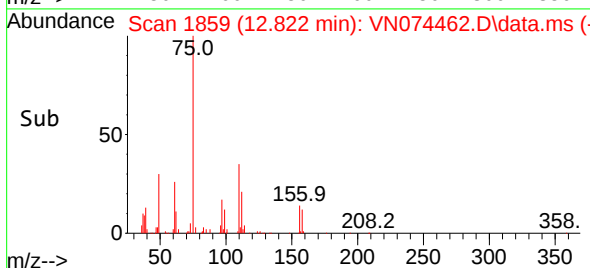
Reviewed By :John Carlone 09/16/2022
 Supervised By :Mahesh Dadoda 09/16/2022

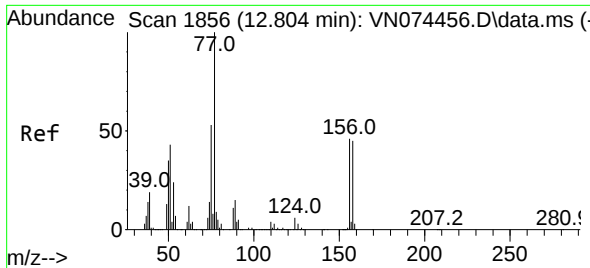


#76
 1,2,3-Trichloropropane
 Concen: 18.691 ug/l m
 RT: 12.822 min Scan# 1859
 Delta R.T. 0.001 min
 Lab File: VN074462.D
 Acq: 15 Sep 2022 15:21



Tgt Ion: 75 Resp: 179227
 Ion Ratio Lower Upper
 75 100
 77 0.0 98.5 295.5#





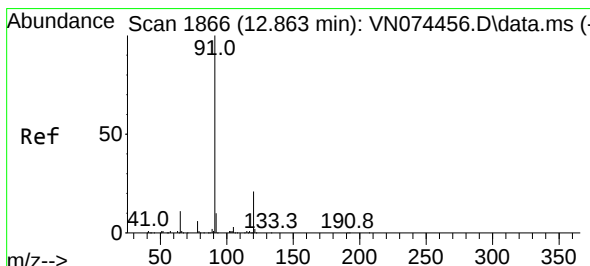
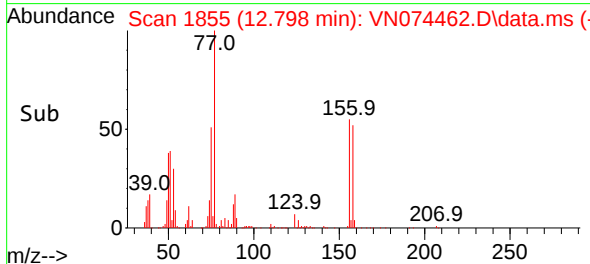
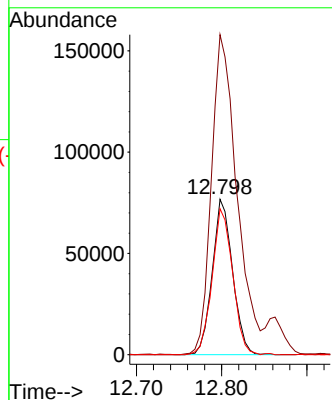
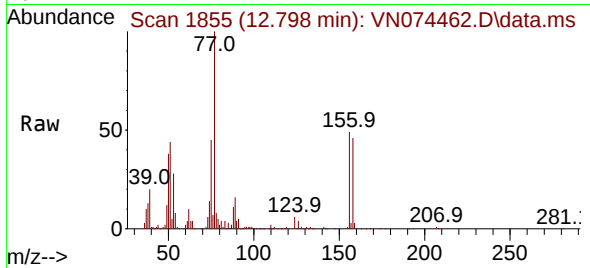
#77
Bromobenzene
Concen: 18.621 ug/l
RT: 12.798 min Scan# 1855
Delta R.T. -0.006 min
Lab File: VN074462.D
Acq: 15 Sep 2022 15:21

Instrument :
MSVOA_N
ClientSampleId :
VN0915WBS01

Tgt Ion:156 Resp: 12688
Ion Ratio Lower Upper
156 100
77 257.0 100.5 301.5
158 95.0 48.9 146.6

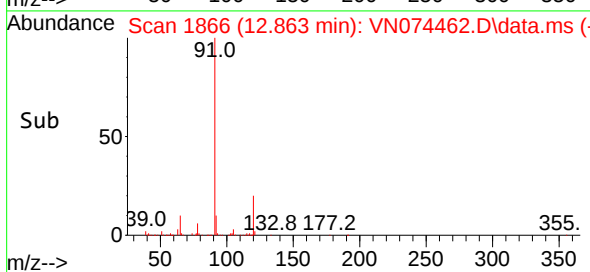
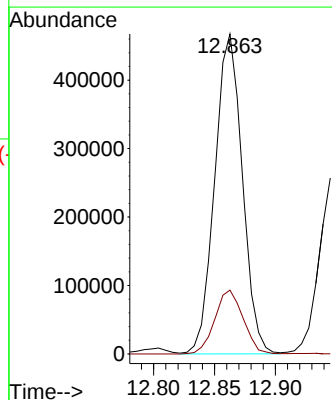
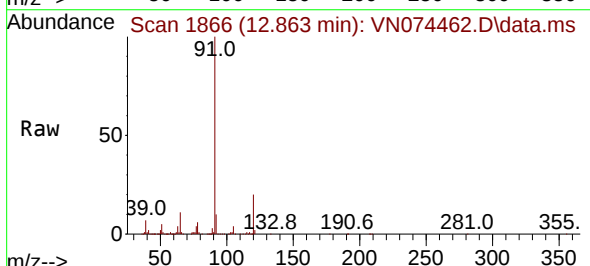
Manual Integrations
APPROVED

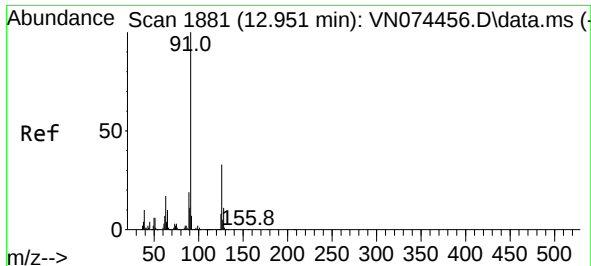
Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022



#78
n-propylbenzene
Concen: 19.391 ug/l
RT: 12.863 min Scan# 1866
Delta R.T. -0.000 min
Lab File: VN074462.D
Acq: 15 Sep 2022 15:21

Tgt Ion: 91 Resp: 736680
Ion Ratio Lower Upper
91 100
120 20.5 11.9 35.5





#79

2-Chlorotoluene

Concen: 19.230 ug/l

RT: 12.945 min Scan# 1880

Delta R.T. -0.006 min

Lab File: VN074462.D

Acq: 15 Sep 2022 15:21

Instrument :

MSVOA_N

ClientSampleId :

VN0915WBS01

Tgt Ion: 91 Resp: 43610

Ion Ratio Lower Upper

91 100

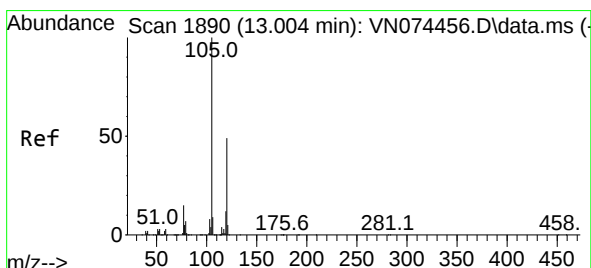
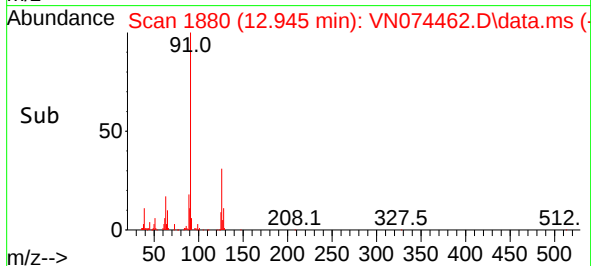
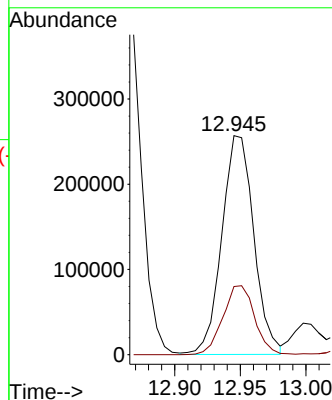
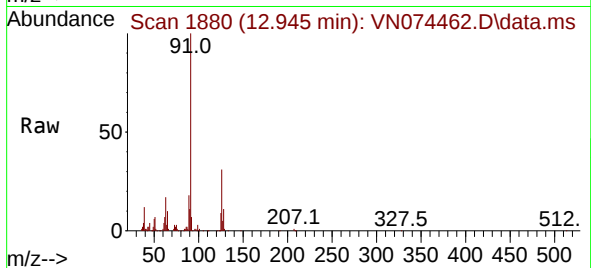
126 31.3 17.3 51.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/16/2022

Supervised By :Mahesh Dadoda 09/16/2022



#80

1,3,5-Trimethylbenzene

Concen: 19.473 ug/l

RT: 12.998 min Scan# 1889

Delta R.T. -0.006 min

Lab File: VN074462.D

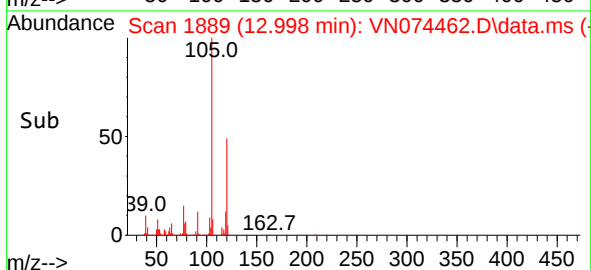
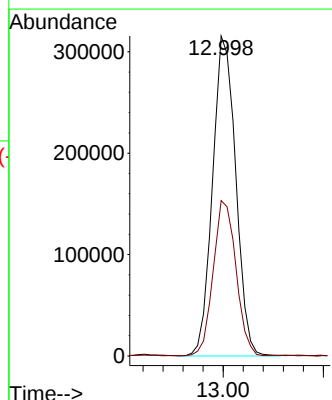
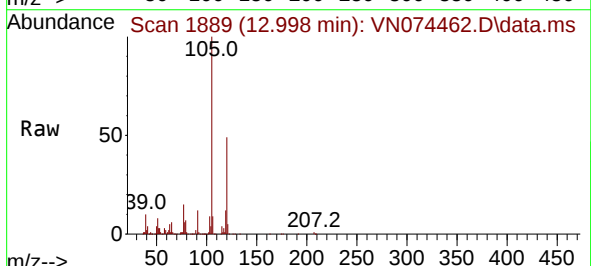
Acq: 15 Sep 2022 15:21

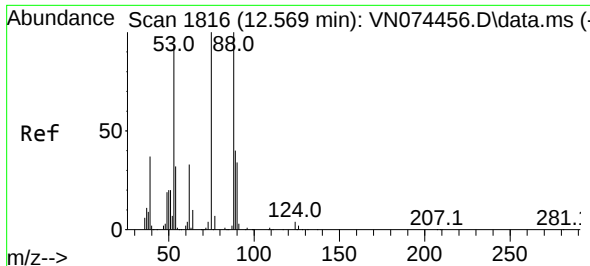
Tgt Ion:105 Resp: 506327

Ion Ratio Lower Upper

105 100

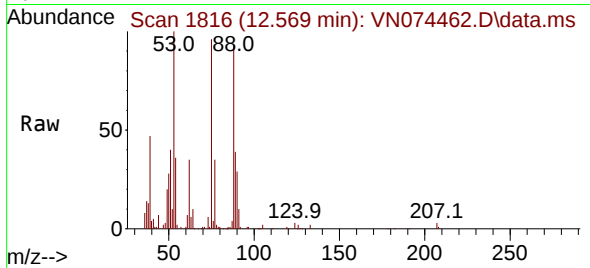
120 47.6 24.9 74.7





#81
trans-1,4-Dichloro-2-butene
Concen: 18.437 ug/l
RT: 12.569 min Scan# 1816
Delta R.T. -0.000 min
Lab File: VN074462.D
Acq: 15 Sep 2022 15:21

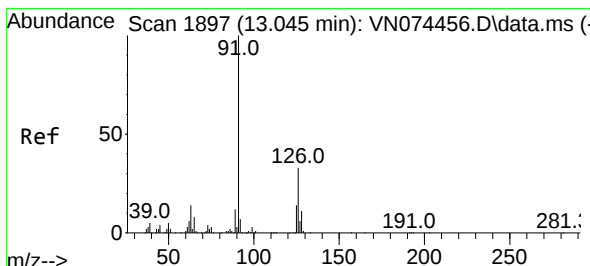
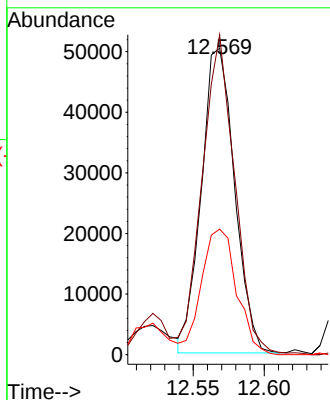
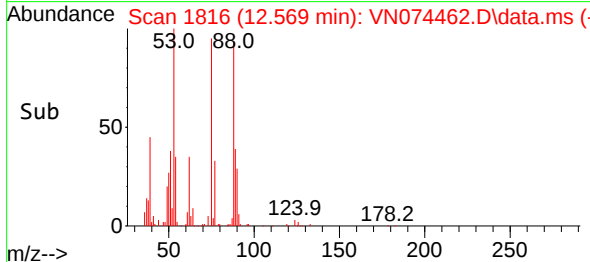
Instrument :
MSVOA_N
ClientSampleId :
VN0915WBS01



Tgt Ion: 75 Resp: 81912
Ion Ratio Lower Upper
75 100
53 103.8 78.0 117.0
89 44.0 37.2 55.8

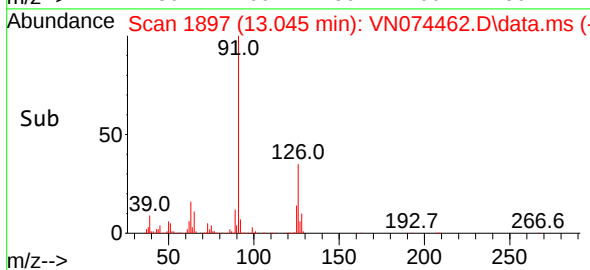
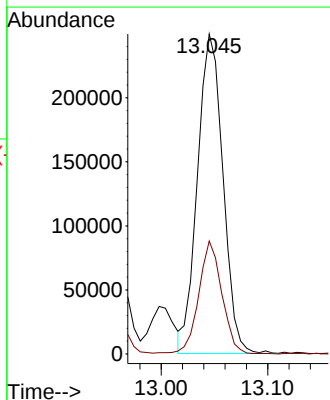
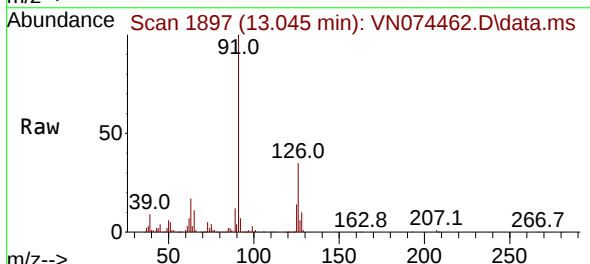
Manual Integrations
APPROVED

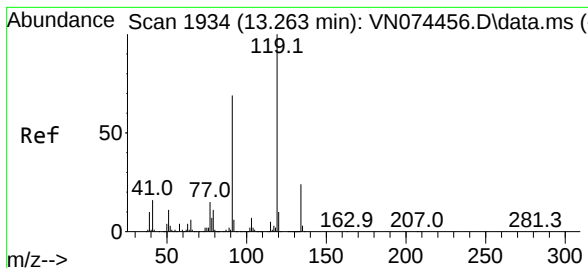
Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022



#82
4-Chlorotoluene
Concen: 19.257 ug/l
RT: 13.045 min Scan# 1897
Delta R.T. 0.000 min
Lab File: VN074462.D
Acq: 15 Sep 2022 15:21

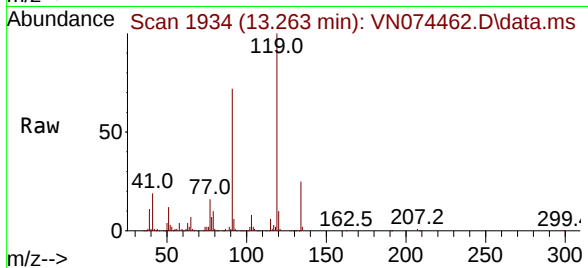
Tgt Ion: 91 Resp: 415106
Ion Ratio Lower Upper
91 100
126 32.4 17.2 51.6





#83
tert-Butylbenzene
Concen: 18.503 ug/l
RT: 13.263 min Scan# 1934
Delta R.T. -0.000 min
Lab File: VN074462.D
Acq: 15 Sep 2022 15:21

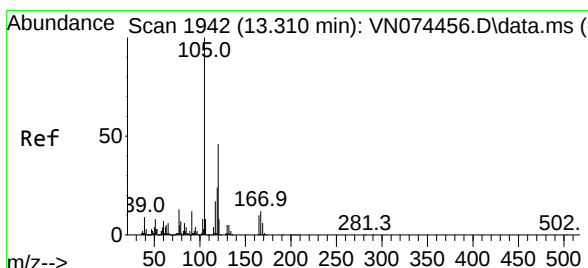
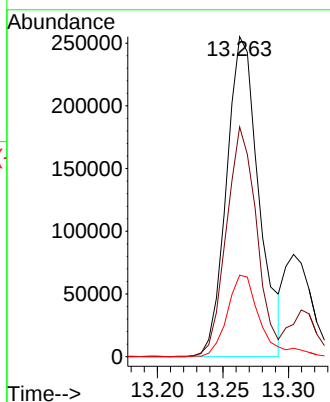
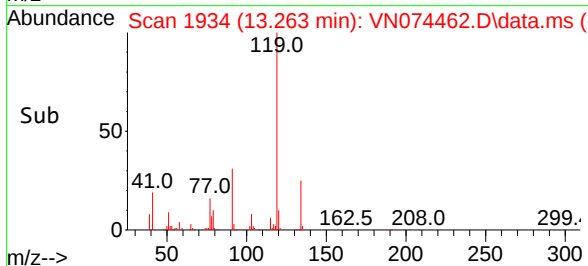
Instrument :
MSVOA_N
ClientSampleId :
VN0915WBS01



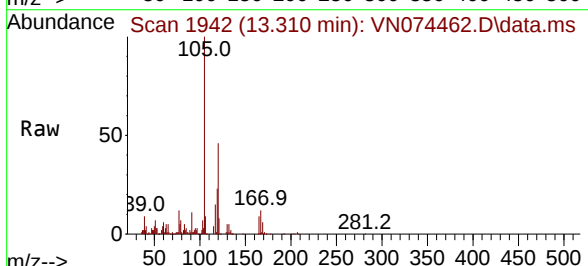
Tgt Ion:119 Resp: 43786
Ion Ratio Lower Upper
119 100
91 67.4 31.6 94.8
134 26.2 13.7 41.1

Manual Integrations
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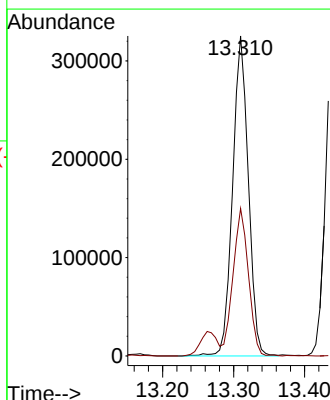
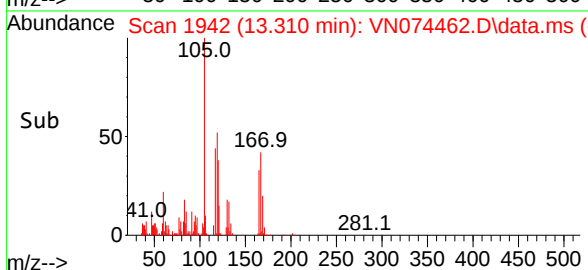
Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022

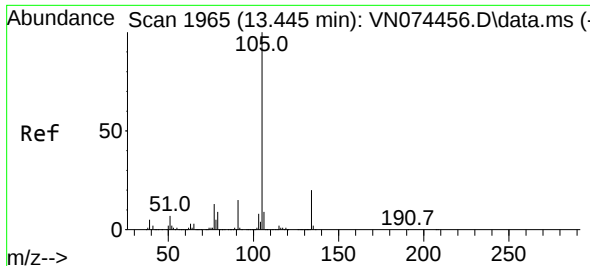


#84
1,2,4-Trimethylbenzene
Concen: 19.140 ug/l
RT: 13.310 min Scan# 1942
Delta R.T. -0.000 min
Lab File: VN074462.D
Acq: 15 Sep 2022 15:21



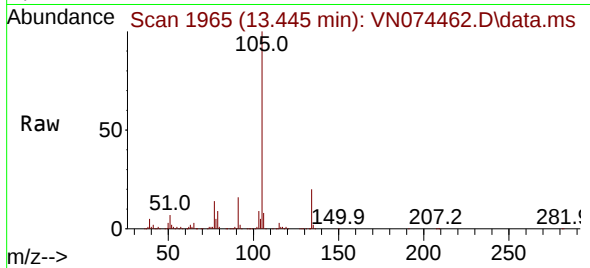
Tgt Ion:105 Resp: 500832
Ion Ratio Lower Upper
105 100
120 45.6 23.3 69.8





#85
 sec-Butylbenzene
 Concen: 19.065 ug/l
 RT: 13.445 min Scan# 1965
 Delta R.T. 0.000 min
 Lab File: VN074462.D
 Acq: 15 Sep 2022 15:21

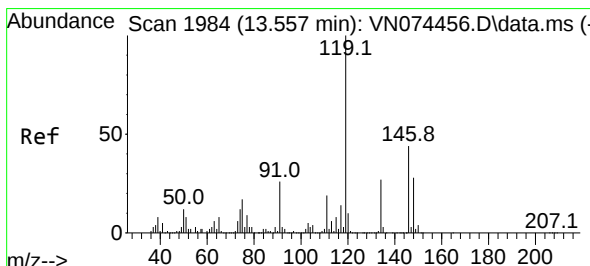
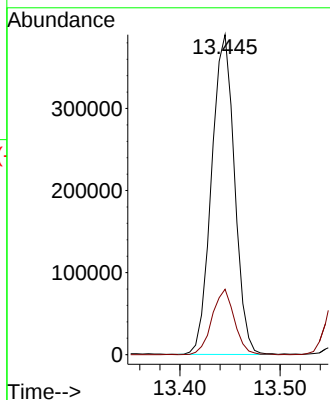
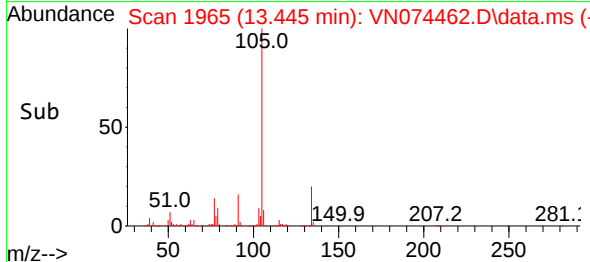
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0915WBS01



Tgt Ion:105 Resp: 619479
 Ion Ratio Lower Upper
 105 100
 134 19.9 10.4 31.1

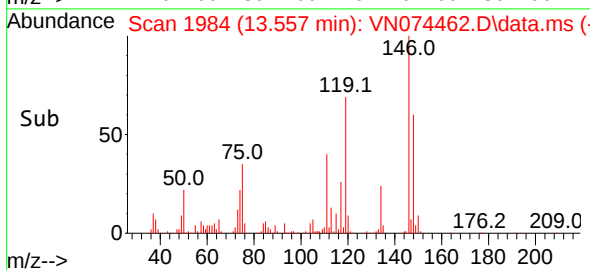
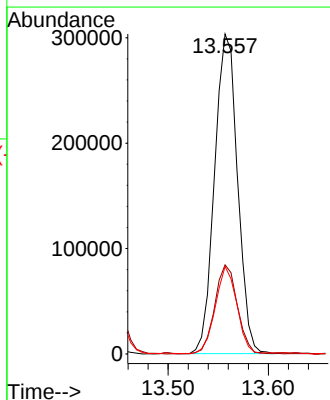
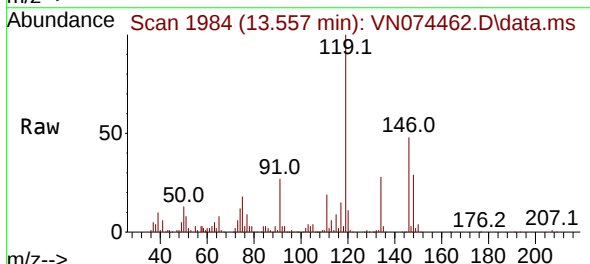
Manual Integrations
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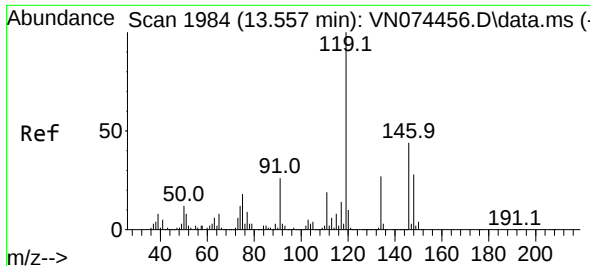
Reviewed By :John Carlone 09/16/2022
 Supervised By :Mahesh Dadoda 09/16/2022



#86
 p-Isopropyltoluene
 Concen: 19.051 ug/l
 RT: 13.557 min Scan# 1984
 Delta R.T. -0.000 min
 Lab File: VN074462.D
 Acq: 15 Sep 2022 15:21

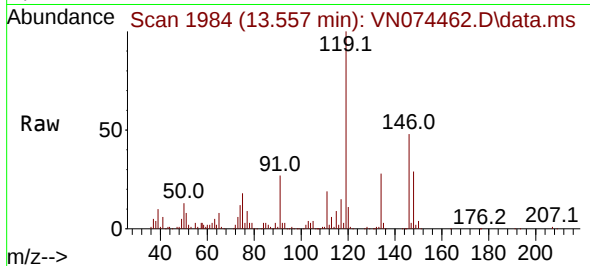
Tgt Ion:119 Resp: 482586
 Ion Ratio Lower Upper
 119 100
 134 27.5 13.3 39.8
 91 25.4 11.3 33.9





#87
1,3-Dichlorobenzene
Concen: 18.790 ug/l
RT: 13.557 min Scan# 1984
Delta R.T. -0.000 min
Lab File: VN074462.D
Acq: 15 Sep 2022 15:21

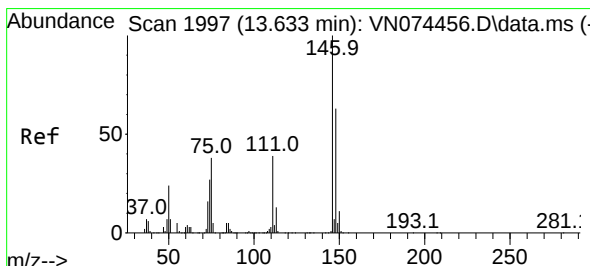
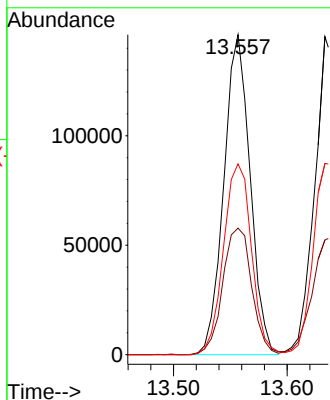
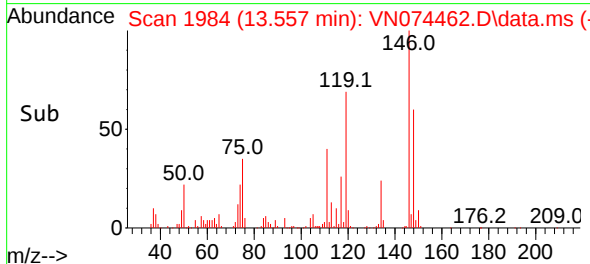
Instrument :
MSVOA_N
ClientSampleId :
VN0915WBS01



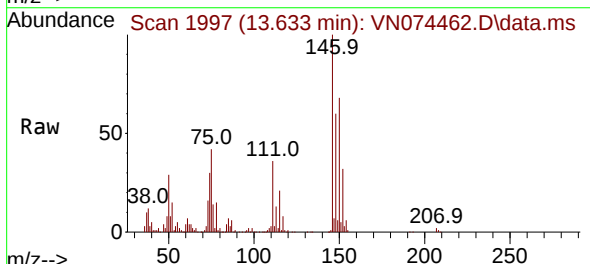
Tgt Ion:146 Resp: 23527
Ion Ratio Lower Upper
146 100
111 43.6 20.0 60.0
148 63.5 32.0 96.0

Manual Integrations
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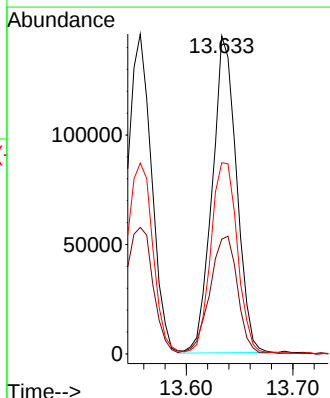
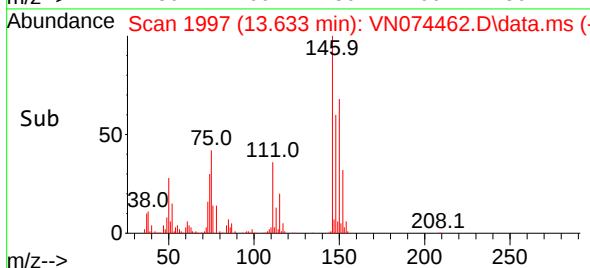
Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022

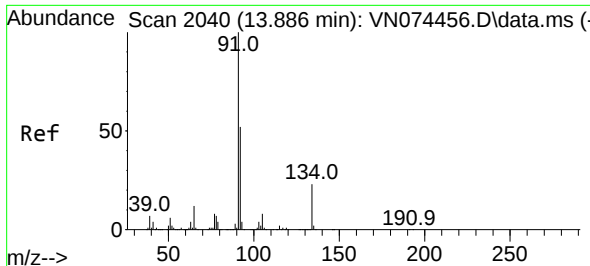


#88
1,4-Dichlorobenzene
Concen: 18.258 ug/l
RT: 13.633 min Scan# 1997
Delta R.T. 0.000 min
Lab File: VN074462.D
Acq: 15 Sep 2022 15:21



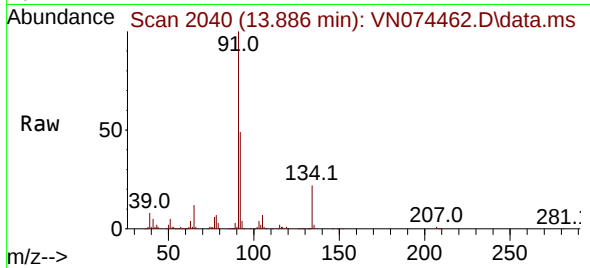
Tgt Ion:146 Resp: 229765
Ion Ratio Lower Upper
146 100
111 41.7 19.1 57.1
148 65.8 31.4 94.3





#89
n-Butylbenzene
Concen: 19.949 ug/l
RT: 13.886 min Scan# 2040
Delta R.T. 0.000 min
Lab File: VN074462.D
Acq: 15 Sep 2022 15:21

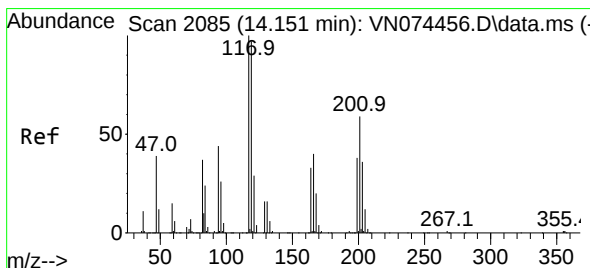
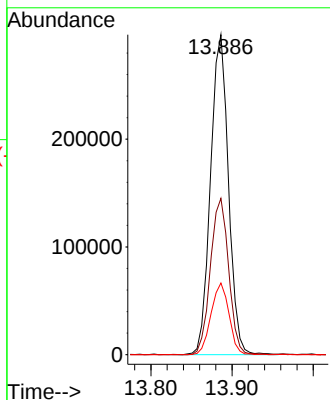
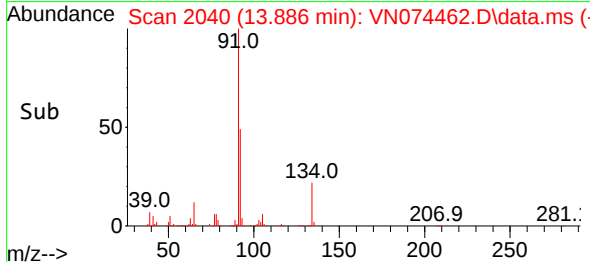
Instrument :
MSVOA_N
ClientSampleId :
VN0915WBS01



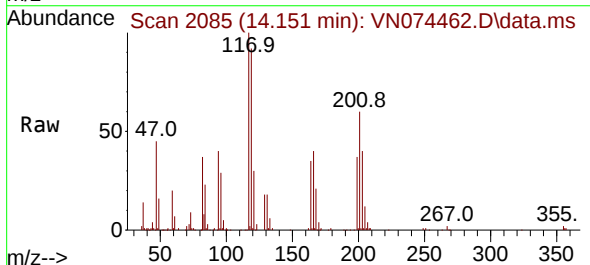
Tgt Ion: 91 Resp: 455490
Ion Ratio Lower Upper
91 100
92 49.7 26.9 80.7
134 22.5 13.6 40.8

Manual Integrations
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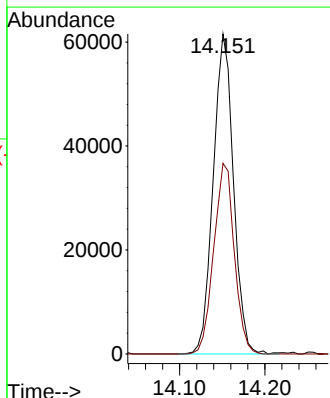
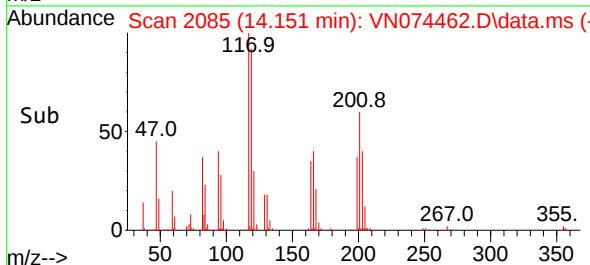
Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022

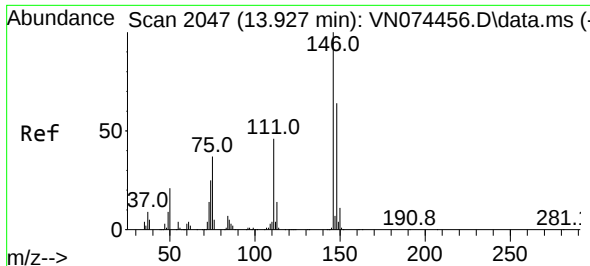


#90
Hexachloroethane
Concen: 18.421 ug/l
RT: 14.151 min Scan# 2085
Delta R.T. -0.000 min
Lab File: VN074462.D
Acq: 15 Sep 2022 15:21



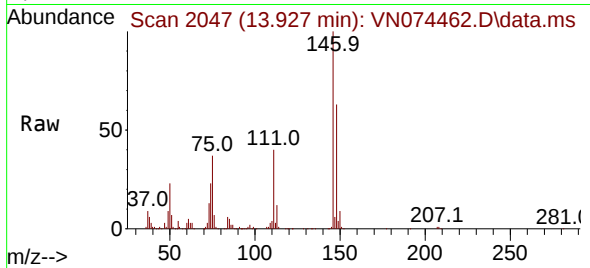
Tgt Ion:117 Resp: 101531
Ion Ratio Lower Upper
117 100
201 60.5 40.6 122.0





#91
1,2-Dichlorobenzene
Concen: 18.456 ug/l
RT: 13.927 min Scan# 2047
Delta R.T. 0.000 min
Lab File: VN074462.D
Acq: 15 Sep 2022 15:21

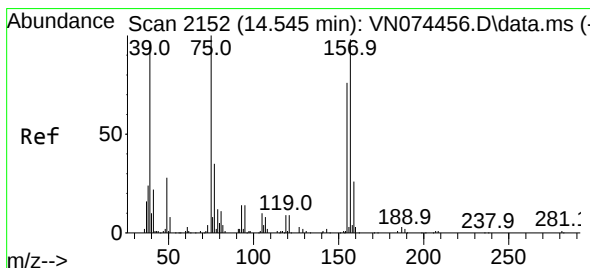
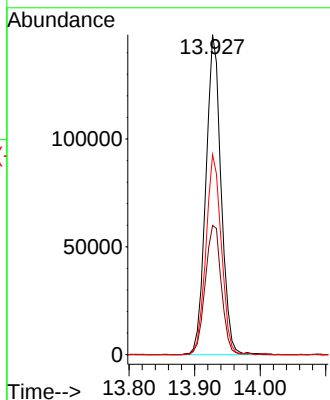
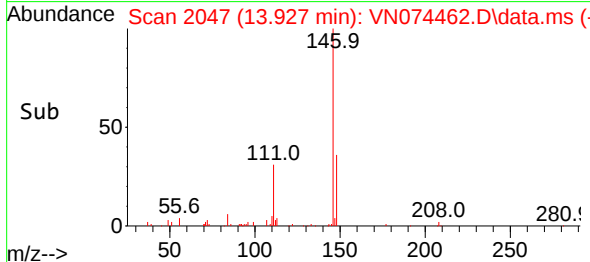
Instrument :
MSVOA_N
ClientSampleId :
VN0915WBS01



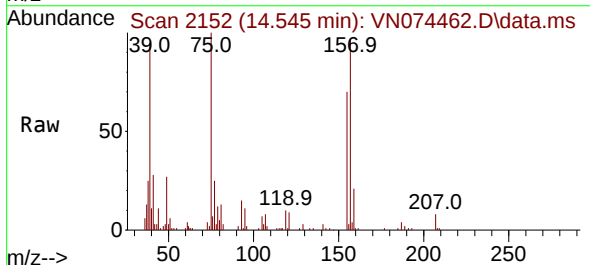
Tgt Ion:146 Resp: 239739
Ion Ratio Lower Upper
146 100
111 42.9 20.9 62.8
148 63.2 32.1 96.3

Manual Integrations
APPROVED

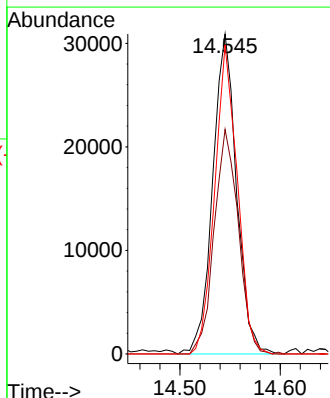
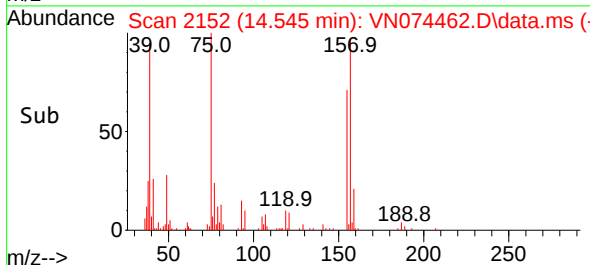
Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022

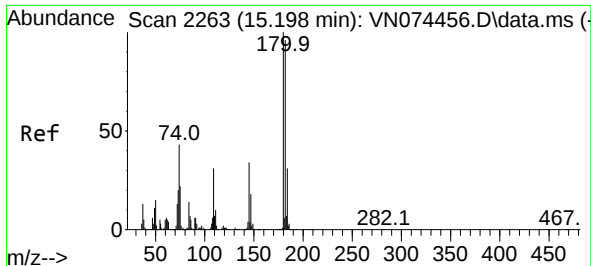


#92
1,2-Dibromo-3-Chloropropane
Concen: 18.086 ug/l
RT: 14.545 min Scan# 2152
Delta R.T. -0.000 min
Lab File: VN074462.D
Acq: 15 Sep 2022 15:21



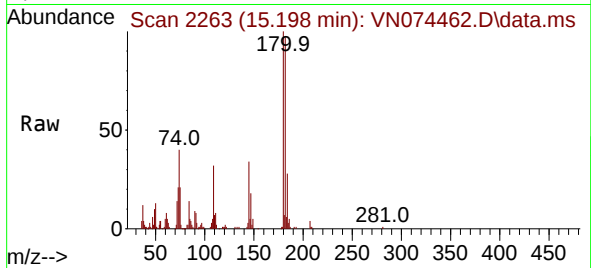
Tgt Ion: 75 Resp: 51049
Ion Ratio Lower Upper
75 100
155 71.1 44.9 134.5
157 91.4 59.0 176.8





#93
1,2,4-Trichlorobenzene
Concen: 18.807 ug/l
RT: 15.198 min Scan# 2263
Delta R.T. -0.000 min
Lab File: VN074462.D
Acq: 15 Sep 2022 15:21

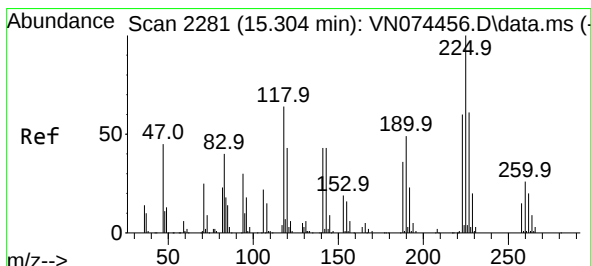
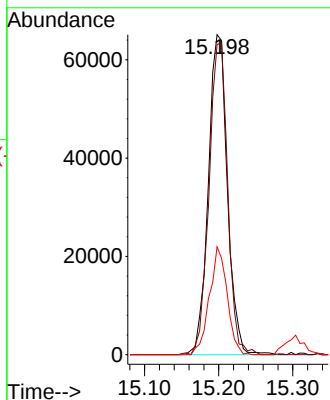
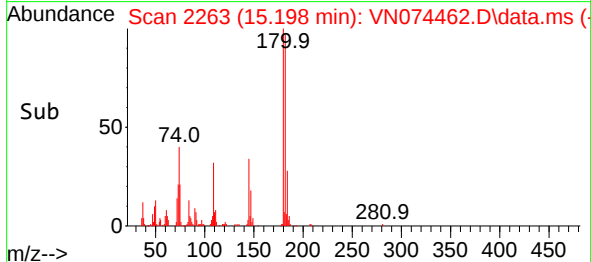
Instrument :
MSVOA_N
ClientSampleId :
VN0915WBS01



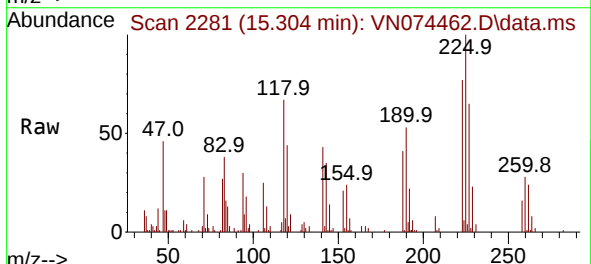
Tgt Ion:180 Resp: 11638
Ion Ratio Lower Upper
180 100
182 95.3 47.5 142.5
145 31.3 14.5 43.5

Manual Integrations
APPROVED

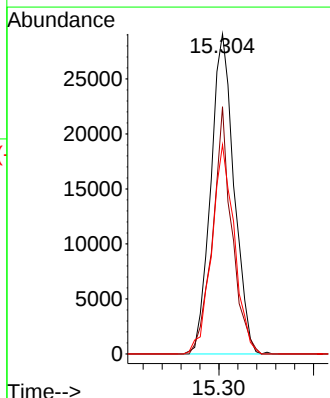
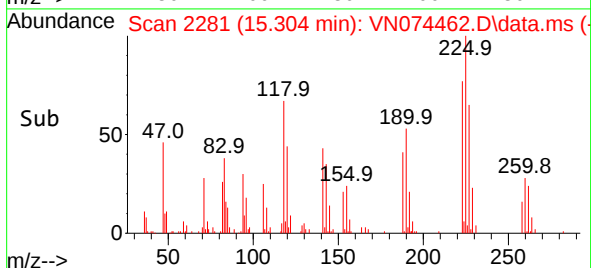
Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022

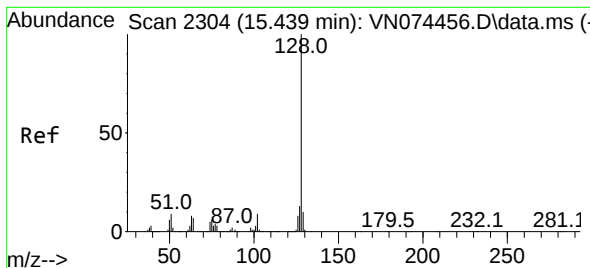


#94
Hexachlorobutadiene
Concen: 18.253 ug/l
RT: 15.304 min Scan# 2281
Delta R.T. -0.000 min
Lab File: VN074462.D
Acq: 15 Sep 2022 15:21



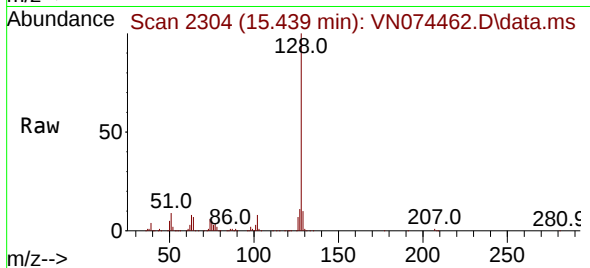
Tgt Ion:225 Resp: 49645
Ion Ratio Lower Upper
225 100
223 64.1 32.4 97.2
227 63.6 31.8 95.4





#95
Naphthalene
Concen: 18.886 ug/l
RT: 15.439 min Scan# 2304
Delta R.T. 0.000 min
Lab File: VN074462.D
Acq: 15 Sep 2022 15:21

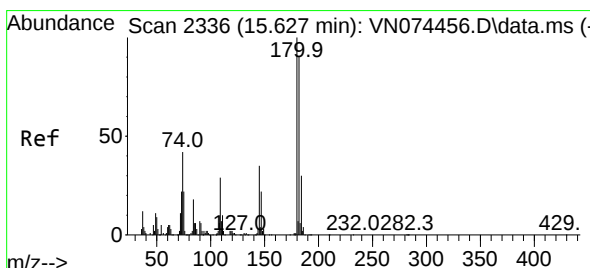
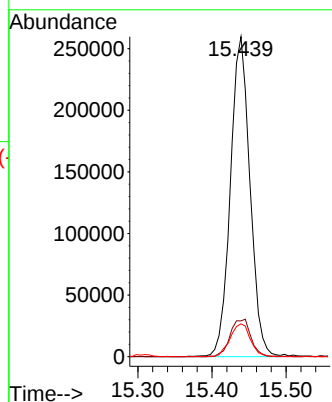
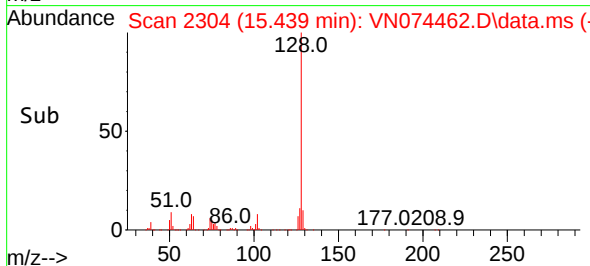
Instrument :
MSVOA_N
ClientSampleId :
VN0915WBS01



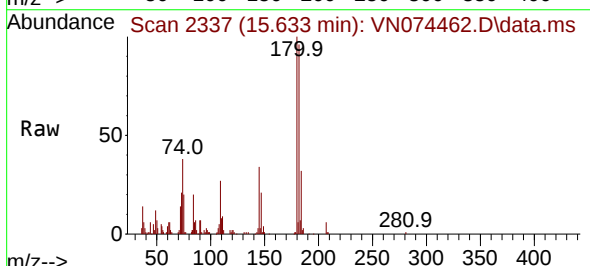
Tgt Ion:128 Resp: 476349
Ion Ratio Lower Upper
128 100
127 12.4 10.3 15.5
129 10.7 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022



#96
1,2,3-Trichlorobenzene
Concen: 18.897 ug/l
RT: 15.633 min Scan# 2337
Delta R.T. 0.006 min
Lab File: VN074462.D
Acq: 15 Sep 2022 15:21



Tgt Ion:180 Resp: 115708
Ion Ratio Lower Upper
180 100
182 96.1 47.8 143.3
145 33.7 15.5 46.5

