

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090922\
 Data File : VN074381.D
 Acq On : 09 Sep 2022 18:31
 Operator : JC\MD
 Sample : VN0909WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0909WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/12/2022
 Supervised By : Mahesh Dadoda 09/12/2022

Quant Time: Sep 10 06:22:39 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N090922W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 10 06:10:29 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	308695	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.898	114	557934	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	508392	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.615	152	230451	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	266658	49.928	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	99.860%		
35) Dibromofluoromethane	7.951	113	196770	52.241	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	104.480%		
50) Toluene-d8	10.380	98	726280	49.486	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	98.980%		
62) 4-Bromofluorobenzene	12.674	95	257446	48.315	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	96.640%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.046	85	72490	18.120	ug/l	99
3) Chloromethane	2.263	50	99135	19.829	ug/l	92
4) Vinyl Chloride	2.404	62	128271	19.192	ug/l	97
5) Bromomethane	2.781	94	99436	21.291	ug/l	96
6) Chloroethane	2.946	64	84831m	17.715	ug/l	
7) Trichlorofluoromethane	3.304	101	119927	18.173	ug/l	98
8) Diethyl Ether	3.763	74	51978	18.666	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.134	101	70573	17.846	ug/l	99
10) Methyl Iodide	4.345	142	83393	18.242	ug/l	98
11) Tert butyl alcohol	5.287	59	142591	102.071	ug/l	99
12) 1,1-Dichloroethene	4.104	96	69427	18.042	ug/l	94
13) Acrolein	3.981	56	91867	99.000	ug/l	98
14) Allyl chloride	4.751	41	151008	17.890	ug/l	97
15) Acrylonitrile	5.475	53	308675	96.580	ug/l	100
16) Acetone	4.222	43	268027	92.955	ug/l	90
17) Carbon Disulfide	4.451	76	189008	18.072	ug/l #	91
18) Methyl Acetate	4.769	43	155011	18.237	ug/l	98
19) Methyl tert-butyl Ether	5.534	73	279875	18.070	ug/l	99
20) Methylene Chloride	5.004	84	86587	19.550	ug/l	97
21) trans-1,2-Dichloroethene	5.510	96	75203	17.440	ug/l	92
22) Diisopropyl ether	6.410	45	305756	17.991	ug/l	95
23) Vinyl Acetate	6.345	43	1413081	93.165	ug/l	97
24) 1,1-Dichloroethane	6.304	63	156338	17.903	ug/l	98
25) 2-Butanone	7.257	43	462153	95.483	ug/l	96
26) 2,2-Dichloropropane	7.245	77	135995	17.214	ug/l	99
27) cis-1,2-Dichloroethene	7.245	96	93871	17.670	ug/l	99
28) Bromochloromethane	7.581	49	49529	18.356	ug/l	96
29) Tetrahydrofuran	7.610	42	307717	96.175	ug/l	98
30) Chloroform	7.745	83	161195	18.492	ug/l	98
31) Cyclohexane	8.016	56	152116	17.908	ug/l	97
32) 1,1,1-Trichloroethane	7.939	97	139822	17.880	ug/l	99
36) 1,1-Dichloropropene	8.145	75	113535	18.297	ug/l	99
37) Ethyl Acetate	7.333	43	177582	19.728	ug/l	97
38) Carbon Tetrachloride	8.139	117	118208	18.452	ug/l	91
39) Methylcyclohexane	9.392	83	140827	17.906	ug/l	98
40) Benzene	8.392	78	365666	19.247	ug/l	94

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.563	41	90941	20.361	ug/l	95
42) 1,2-Dichloroethane	8.463	62	136243	18.758	ug/l	99
43) Isopropyl Acetate	8.492	43	274842	18.670	ug/l	99
44) Trichloroethene	9.151	130	77660	18.233	ug/l	93
45) 1,2-Dichloropropane	9.427	63	96618	19.157	ug/l	97
46) Dibromomethane	9.510	93	64990	18.820	ug/l	97
47) Bromodichloromethane	9.698	83	129093	18.755	ug/l	98
48) Methyl methacrylate	9.498	41	125608	19.361	ug/l	96
49) 1,4-Dioxane	9.504	88	53367	390.345	ug/l	97
51) 4-Methyl-2-Pentanone	10.274	43	938315	97.467	ug/l	99
52) Toluene	10.445	92	224832	19.135	ug/l	100
53) t-1,3-Dichloropropene	10.663	75	145513	19.163	ug/l	98
54) cis-1,3-Dichloropropene	10.127	75	150287	18.566	ug/l	95
55) 1,1,2-Trichloroethane	10.839	97	90453	18.676	ug/l	95
56) Ethyl methacrylate	10.704	69	159606	19.395	ug/l	96
57) 1,3-Dichloropropane	10.986	76	162761	19.226	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.980	63	310193	81.031	ug/l	99
59) 2-Hexanone	11.027	43	744619	100.230	ug/l	97
60) Dibromochloromethane	11.174	129	93395	19.047	ug/l	99
61) 1,2-Dibromoethane	11.286	107	94893	19.045	ug/l	97
64) Tetrachloroethene	10.921	164	63605	18.455	ug/l #	88
65) Chlorobenzene	11.710	112	224316	18.298	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.786	131	89380	18.665	ug/l	95
67) Ethyl Benzene	11.786	91	433811	18.736	ug/l	99
68) m/p-Xylenes	11.892	106	323848	37.205	ug/l	100
69) o-Xylene	12.221	106	161092	18.412	ug/l	94
70) Styrene	12.233	104	271189	19.495	ug/l	98
71) Bromoform	12.398	173	66247	18.470	ug/l #	95
73) Isopropylbenzene	12.521	105	421011	19.015	ug/l	98
74) N-amyl acetate	12.333	43	240087	20.428	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.768	83	160735	19.317	ug/l	97
76) 1,2,3-Trichloropropane	12.821	75	128984m	21.410	ug/l	
77) Bromobenzene	12.804	156	93867	19.748	ug/l	97
78) n-propylbenzene	12.863	91	489762	19.309	ug/l	99
79) 2-Chlorotoluene	12.951	91	296962	19.203	ug/l	98
80) 1,3,5-Trimethylbenzene	13.004	105	354686	19.309	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.568	75	50846	18.813	ug/l	92
82) 4-Chlorotoluene	13.045	91	279894	18.758	ug/l	100
83) tert-Butylbenzene	13.268	119	312544	18.899	ug/l	99
84) 1,2,4-Trimethylbenzene	13.310	105	347149	19.067	ug/l	97
85) sec-Butylbenzene	13.445	105	433124	19.245	ug/l	99
86) p-Isopropyltoluene	13.557	119	342638	19.021	ug/l	99
87) 1,3-Dichlorobenzene	13.557	146	166599	18.958	ug/l	98
88) 1,4-Dichlorobenzene	13.639	146	169392	19.081	ug/l	100
89) n-Butylbenzene	13.886	91	299917	19.565	ug/l	98
90) Hexachloroethane	14.151	117	70387	18.496	ug/l	98
91) 1,2-Dichlorobenzene	13.933	146	173142	18.734	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.545	75	36986	18.706	ug/l	95
93) 1,2,4-Trichlorobenzene	15.204	180	85421	18.548	ug/l	98
94) Hexachlorobutadiene	15.304	225	37281	17.861	ug/l	95
95) Naphthalene	15.439	128	357089	19.819	ug/l	99
96) 1,2,3-Trichlorobenzene	15.627	180	89977	18.880	ug/l	98

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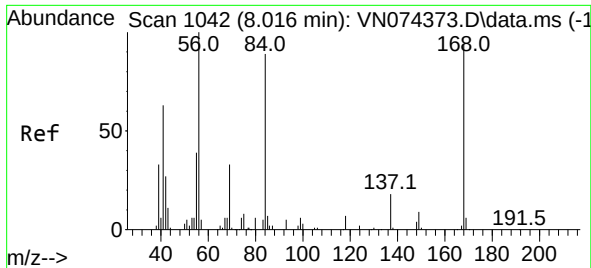
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 09/12/2022

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Quant Title : SW846 8260
QLast Update : Sat Sep 10 06:10:29 2022
Response via : Initial Calibration

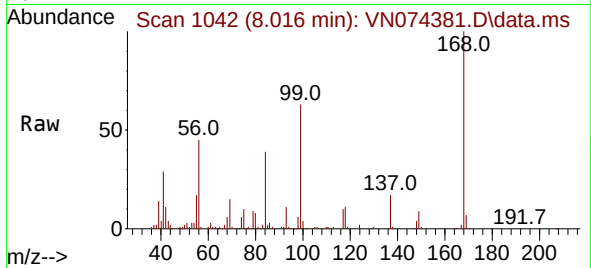
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
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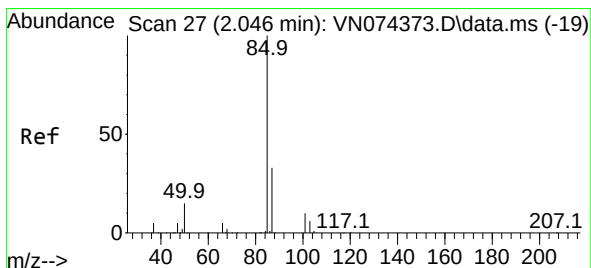
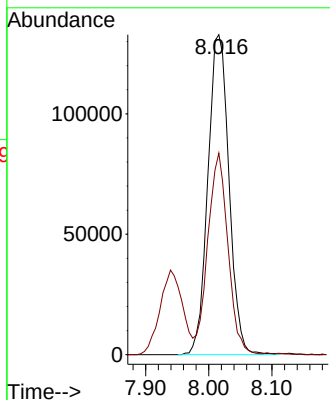
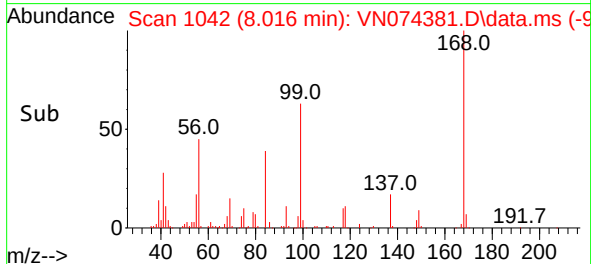
Instrument :
MSVOA_N
ClientSampleId :
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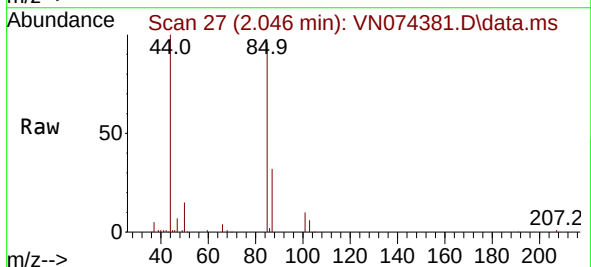
Tgt Ion: 168 Resp: 30869
Ion Ratio Lower Upper
168 100
99 62.5 52.8 79.2

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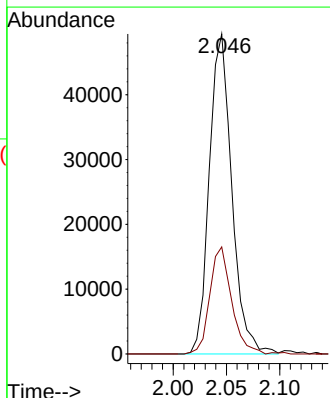
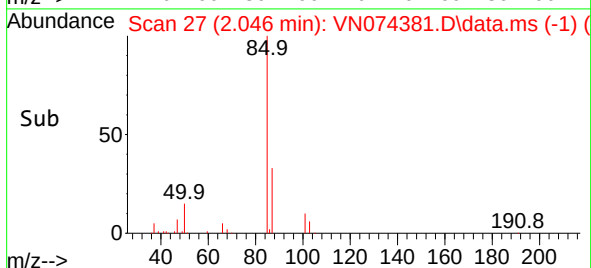
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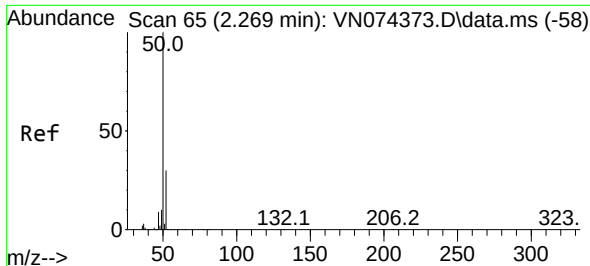


#2
Dichlorodifluoromethane
Concen: 18.120 ug/l
RT: 2.046 min Scan# 27
Delta R.T. -0.000 min
Lab File: VN074381.D
Acq: 09 Sep 2022 18:31



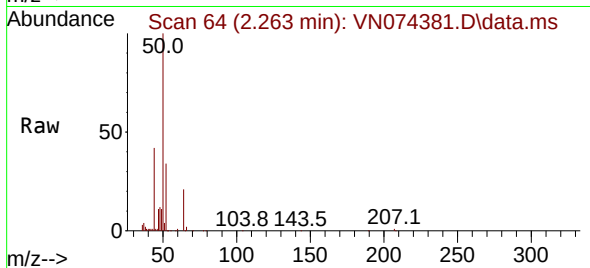
Tgt Ion: 85 Resp: 72490
Ion Ratio Lower Upper
85 100
87 33.4 16.4 49.2





#3
Chloromethane
Concen: 19.829 ug/l
RT: 2.263 min Scan# 64
Delta R.T. -0.006 min
Lab File: VN074381.D
Acq: 09 Sep 2022 18:31

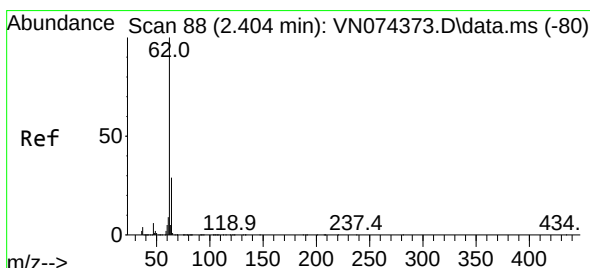
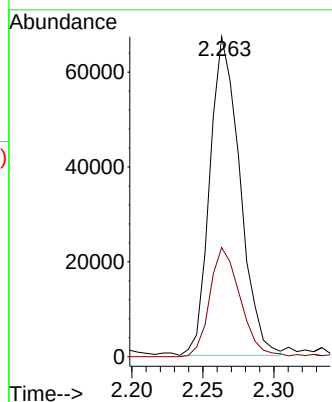
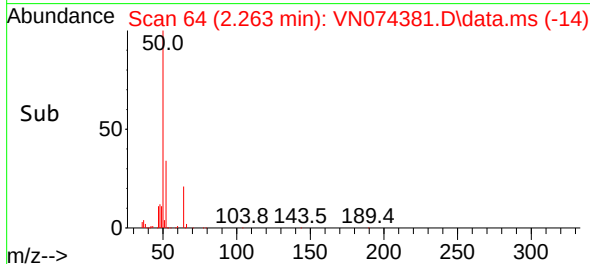
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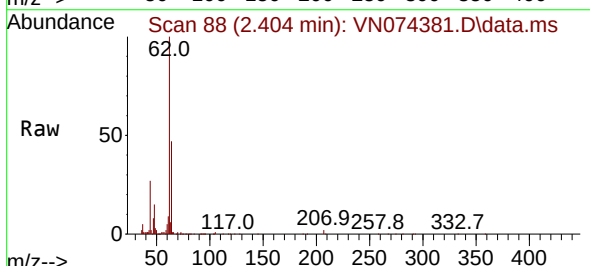
Tgt Ion: 50 Resp: 9913
Ion Ratio Lower Upper
50 100
52 34.2 24.1 36.1

Manual Integrations
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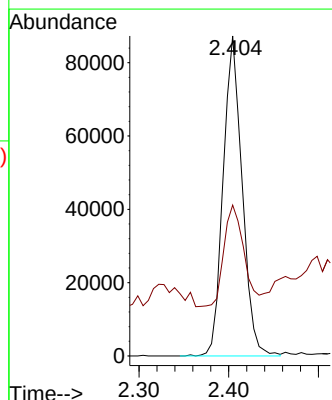
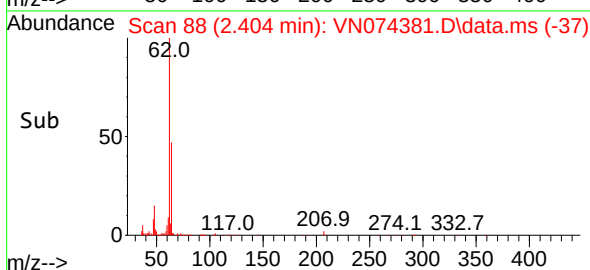
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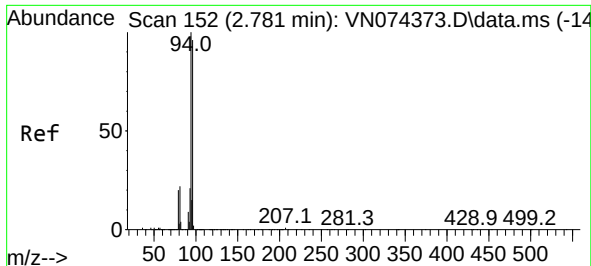


#4
Vinyl Chloride
Concen: 19.192 ug/l
RT: 2.404 min Scan# 88
Delta R.T. -0.000 min
Lab File: VN074381.D
Acq: 09 Sep 2022 18:31



Tgt Ion: 62 Resp: 128271
Ion Ratio Lower Upper
62 100
64 27.6 23.5 35.3





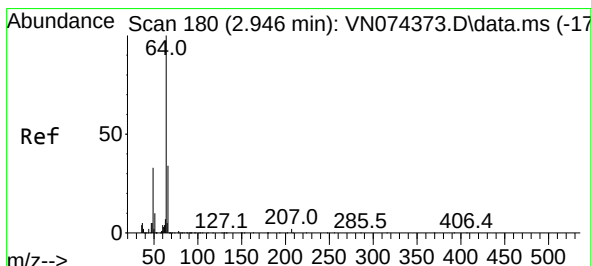
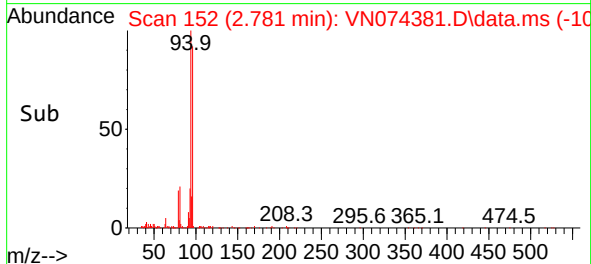
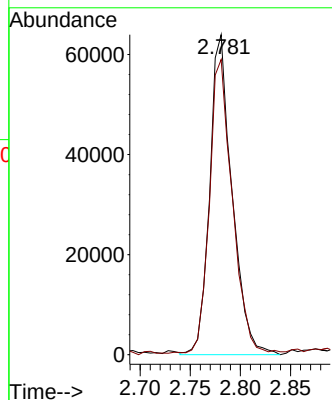
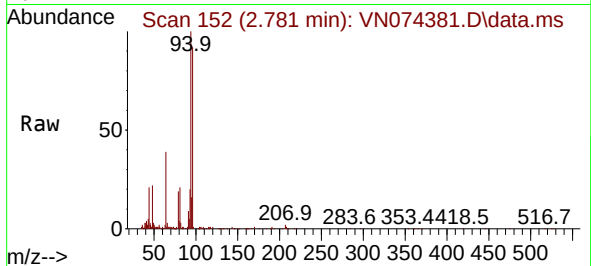
#5
Bromomethane
Concen: 21.291 ug/l
RT: 2.781 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN074381.D
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Tgt Ion: 94 Resp: 99436
Ion Ratio Lower Upper
94 100
96 91.6 76.7 115.1

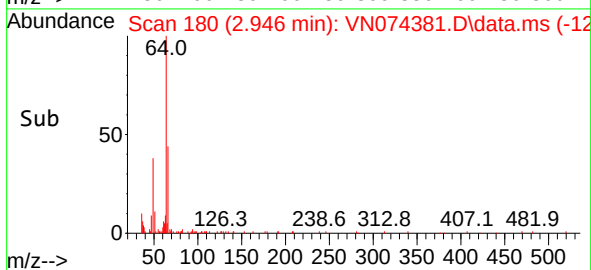
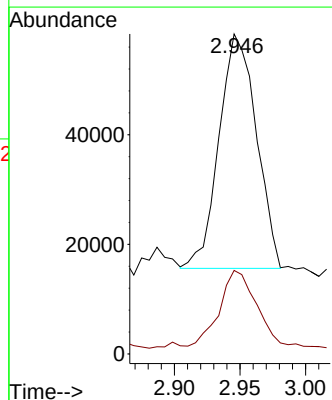
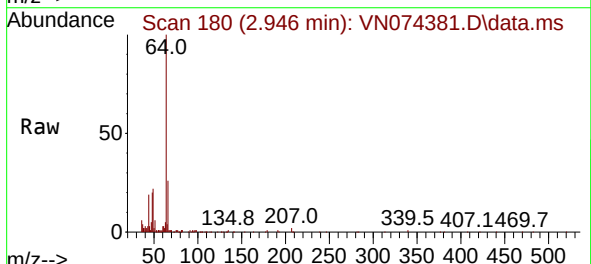
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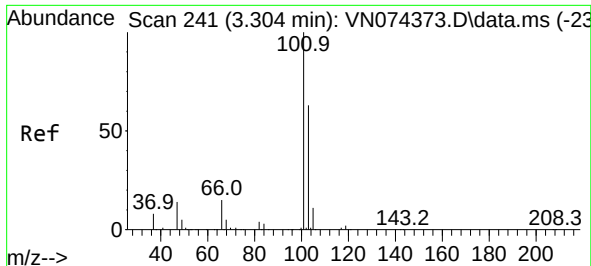
Reviewed By :John Carlone 09/12/2022
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#6
Chloroethane
Concen: 17.715 ug/l m
RT: 2.946 min Scan# 180
Delta R.T. -0.000 min
Lab File: VN074381.D
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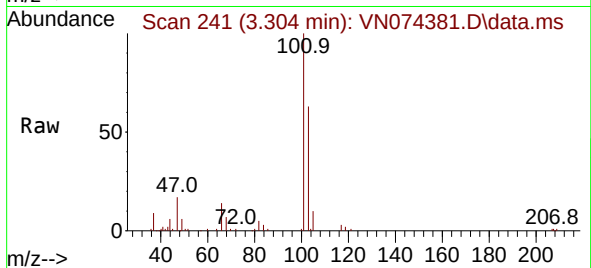
Tgt Ion: 64 Resp: 84831
Ion Ratio Lower Upper
64 100
66 26.1 26.5 39.7#





#7
Trichlorofluoromethane
Concen: 18.173 ug/l
RT: 3.304 min Scan# 241
Delta R.T. -0.000 min
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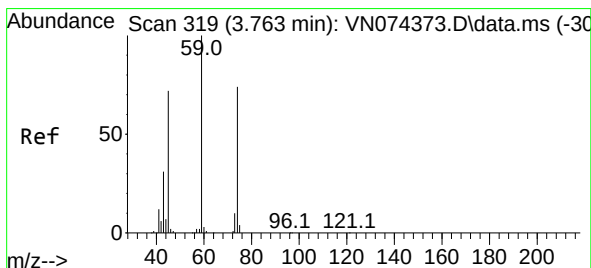
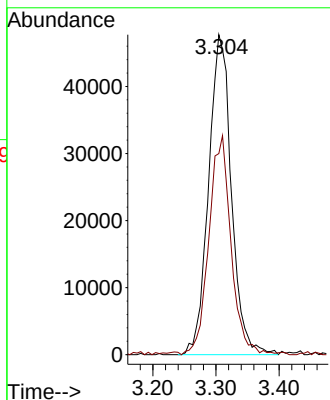
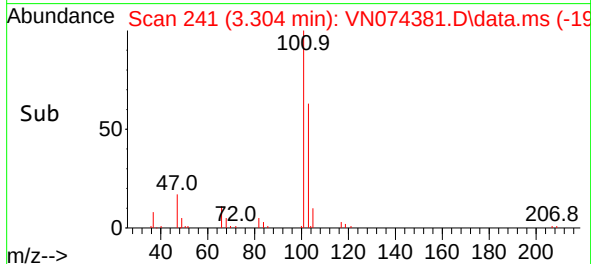
Instrument :
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Tgt Ion:101 Resp: 11992
Ion Ratio Lower Upper
101 100
103 62.2 50.8 76.2

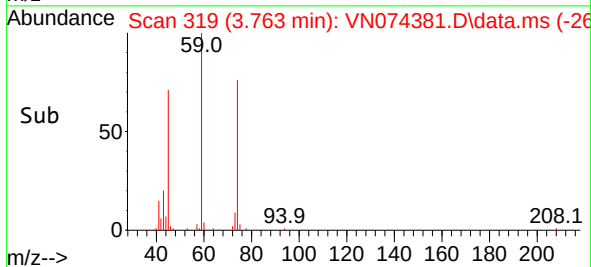
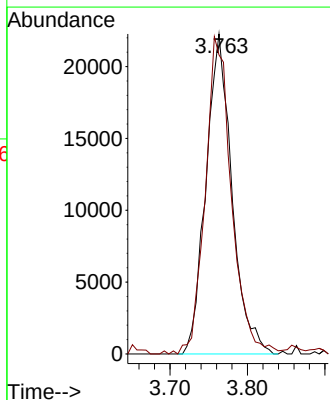
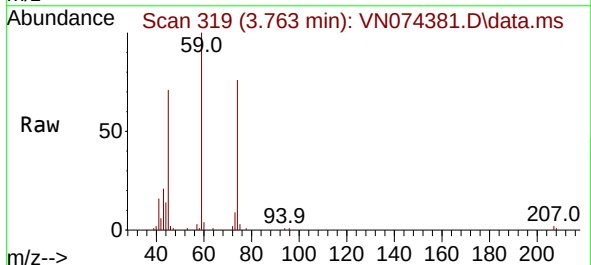
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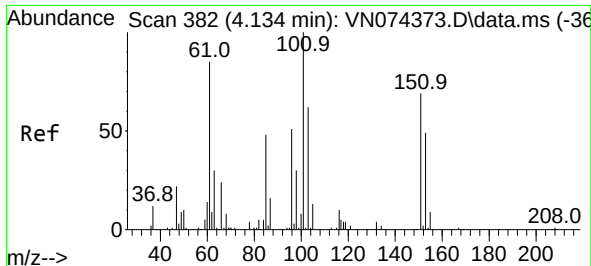
Reviewed By :John Carlone 09/12/2022
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#8
Diethyl Ether
Concen: 18.666 ug/l
RT: 3.763 min Scan# 319
Delta R.T. -0.000 min
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Tgt Ion: 74 Resp: 51978
Ion Ratio Lower Upper
74 100
45 99.8 52.4 157.3





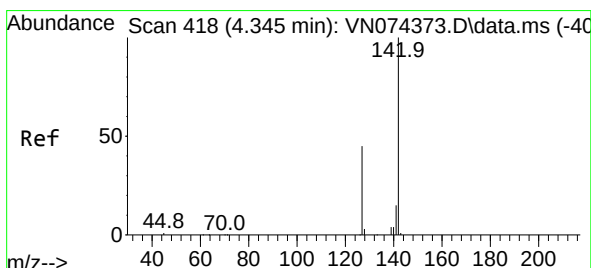
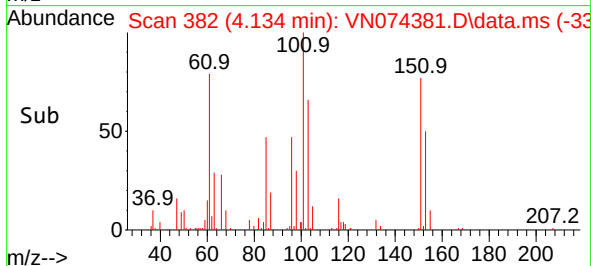
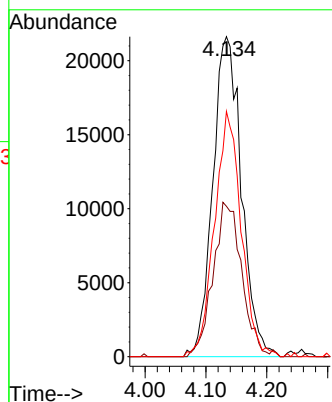
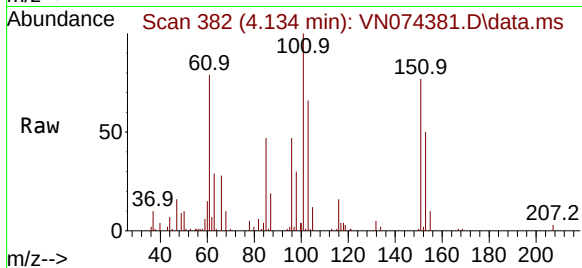
#9
1,1,2-Trichlorotrifluoroethane
Concen: 17.846 ug/l
RT: 4.134 min Scan# 382
Delta R.T. -0.000 min
Lab File: VN074381.D
Acq: 09 Sep 2022 18:31

Instrument :
MSVOA_N
ClientSampleId :
VN0909WBSD01

Tgt Ion:101 Resp: 7057
Ion Ratio Lower Upper
101 100
85 48.3 39.5 59.3
151 71.5 57.8 86.6

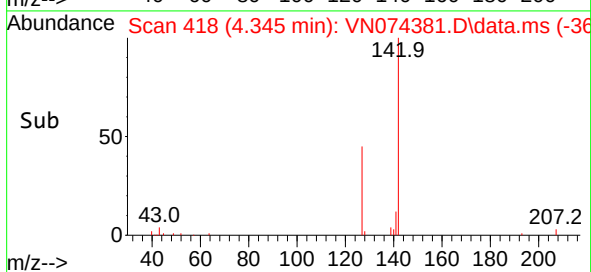
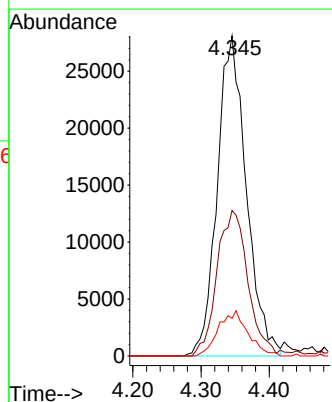
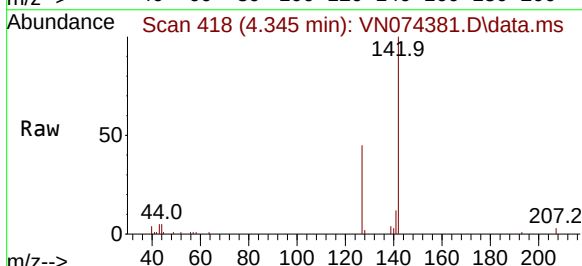
Manual Integrations
APPROVED

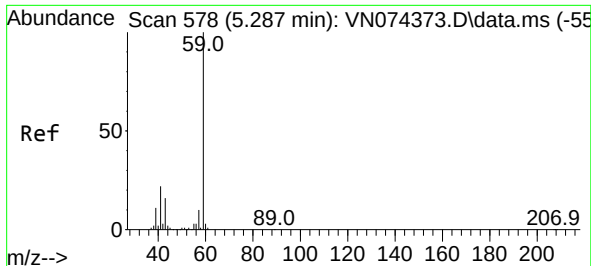
Reviewed By :John Carlone 09/12/2022
Supervised By :Mahesh Dadoda 09/12/2022



#10
Methyl Iodide
Concen: 18.242 ug/l
RT: 4.345 min Scan# 418
Delta R.T. -0.000 min
Lab File: VN074381.D
Acq: 09 Sep 2022 18:31

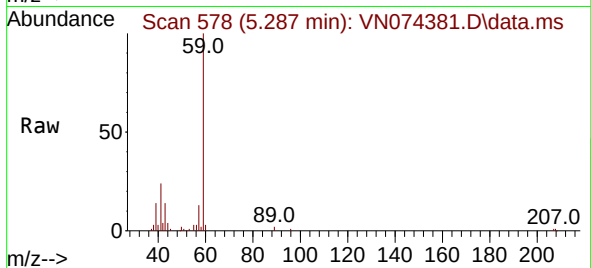
Tgt Ion:142 Resp: 83393
Ion Ratio Lower Upper
142 100
127 48.7 37.4 56.2
141 14.3 11.2 16.8





#11
Tert butyl alcohol
Concen: 102.071 ug/l
RT: 5.287 min Scan# 578
Delta R.T. -0.000 min
Lab File: VN074381.D
Acq: 09 Sep 2022 18:31

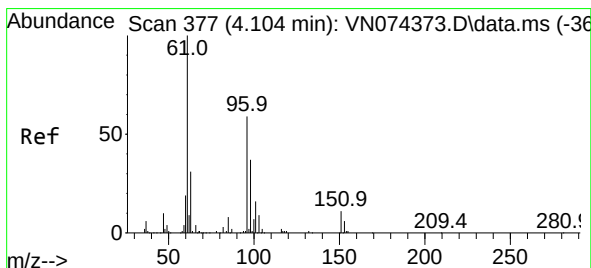
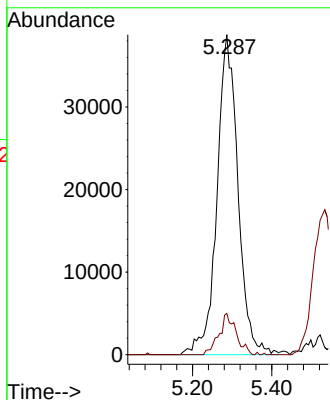
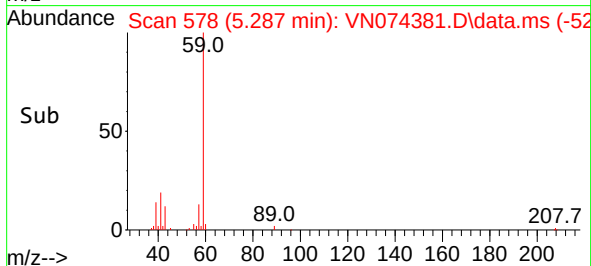
Instrument :
MSVOA_N
ClientSampleId :
VN0909WBSD01



Tgt Ion: 59 Resp: 14259
Ion Ratio Lower Upper
59 100
57 10.4 8.8 13.2

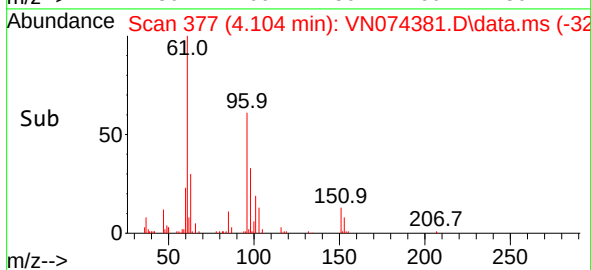
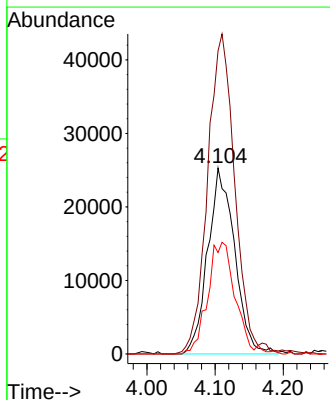
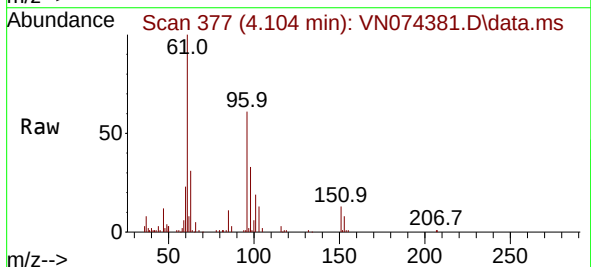
Manual Integrations
APPROVED

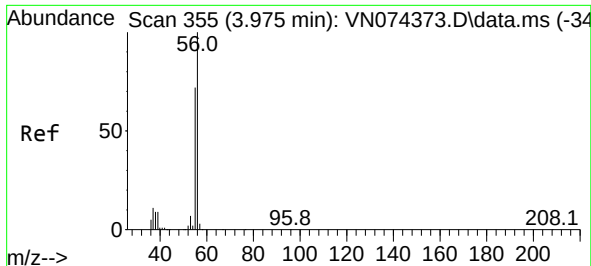
Reviewed By :John Carlone 09/12/2022
Supervised By :Mahesh Dadoda 09/12/2022



#12
1,1-Dichloroethene
Concen: 18.042 ug/l
RT: 4.104 min Scan# 377
Delta R.T. -0.000 min
Lab File: VN074381.D
Acq: 09 Sep 2022 18:31

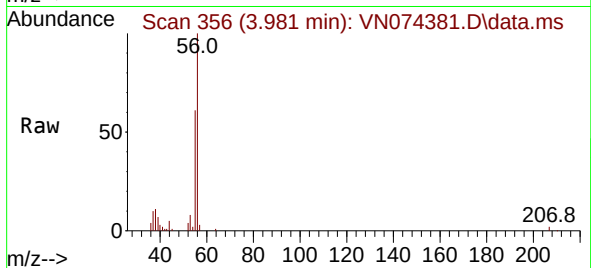
Tgt Ion: 96 Resp: 69427
Ion Ratio Lower Upper
96 100
61 162.4 134.7 202.1
98 54.6 50.2 75.4





#13
Acrolein
Concen: 99.000 ug/l
RT: 3.981 min Scan# 356
Delta R.T. 0.006 min
Lab File: VN074381.D
Acq: 09 Sep 2022 18:31

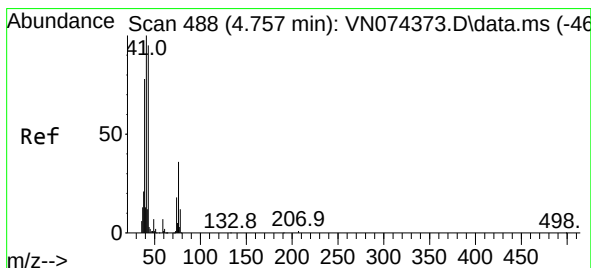
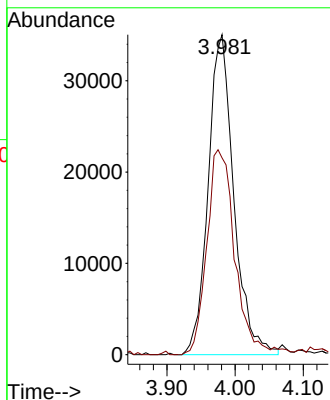
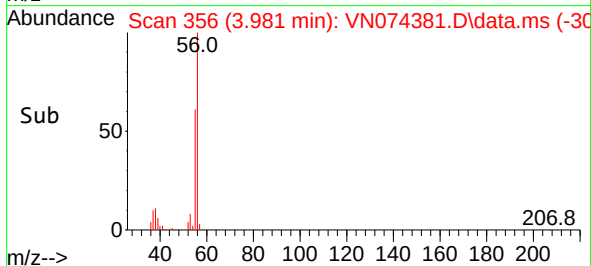
Instrument :
MSVOA_N
ClientSampleId :
VN0909WBSD01



Tgt Ion: 56 Resp: 9186
Ion Ratio Lower Upper
56 100
55 68.8 56.2 84.4

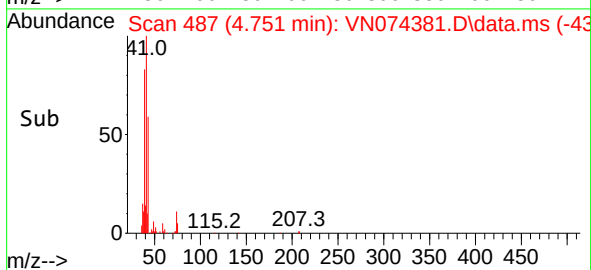
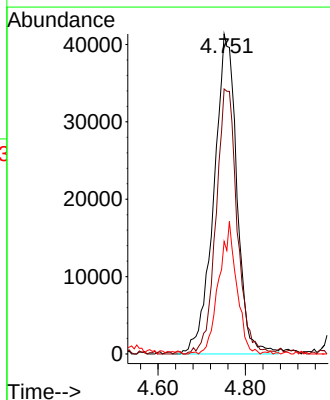
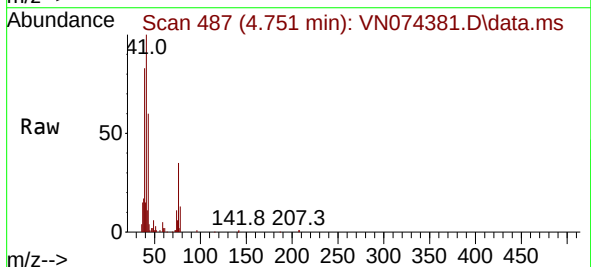
Manual Integrations
APPROVED

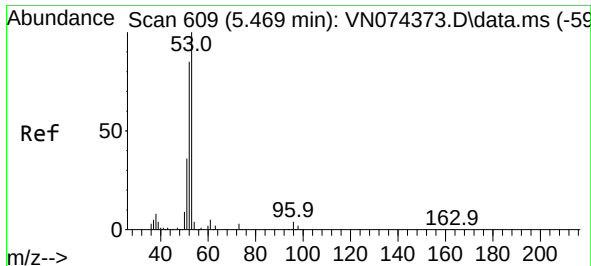
Reviewed By :John Carlone 09/12/2022
Supervised By :Mahesh Dadoda 09/12/2022



#14
Allyl chloride
Concen: 17.890 ug/l
RT: 4.751 min Scan# 487
Delta R.T. -0.006 min
Lab File: VN074381.D
Acq: 09 Sep 2022 18:31

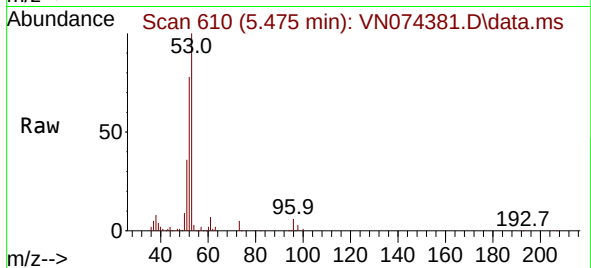
Tgt Ion: 41 Resp: 151008
Ion Ratio Lower Upper
41 100
39 75.9 58.5 87.7
76 31.8 24.2 36.4





#15
Acrylonitrile
Concen: 96.580 ug/l
RT: 5.475 min Scan# 610
Delta R.T. 0.006 min
Lab File: VN074381.D
Acq: 09 Sep 2022 18:31

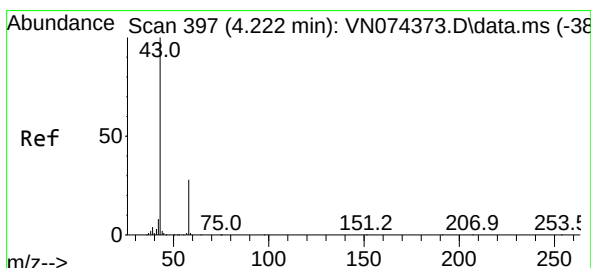
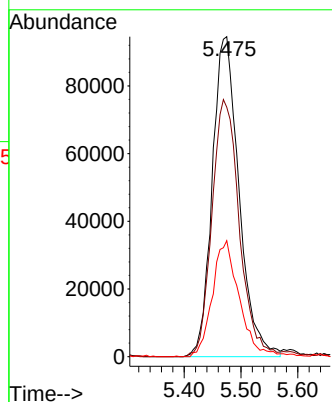
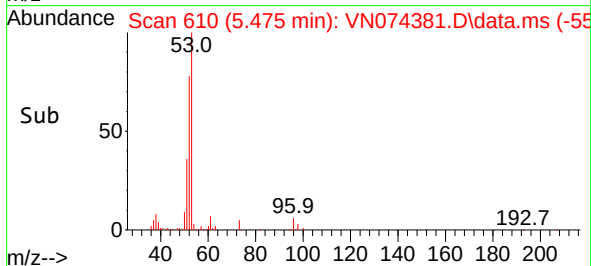
Instrument :
MSVOA_N
ClientSampleId :
VN0909WBSD01



Tgt Ion: 53 Resp: 30867
Ion Ratio Lower Upper
53 100
52 82.2 65.9 98.9
51 36.7 29.4 44.2

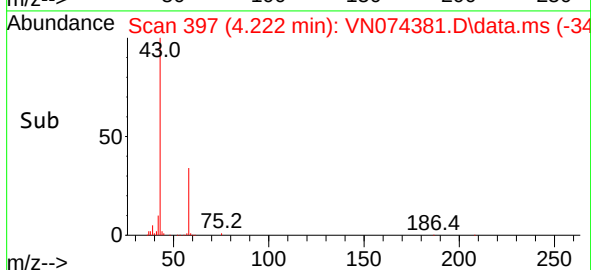
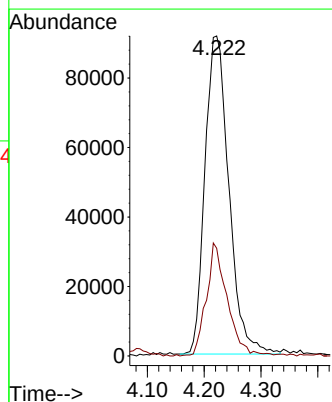
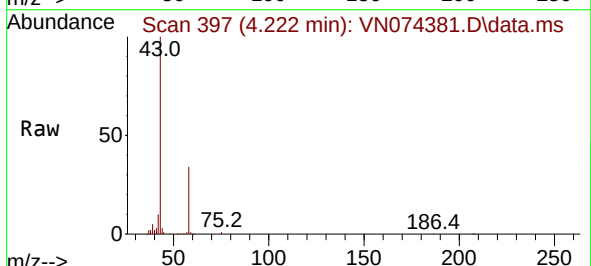
Manual Integrations
APPROVED

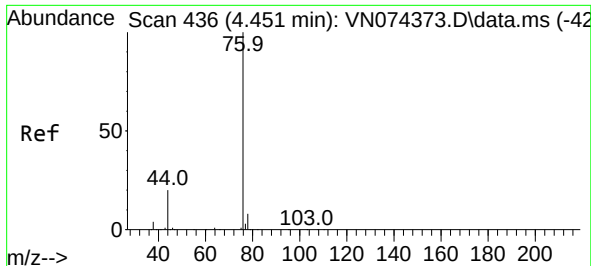
Reviewed By :John Carlone 09/12/2022
Supervised By :Mahesh Dadoda 09/12/2022



#16
Acetone
Concen: 92.955 ug/l
RT: 4.222 min Scan# 397
Delta R.T. -0.000 min
Lab File: VN074381.D
Acq: 09 Sep 2022 18:31

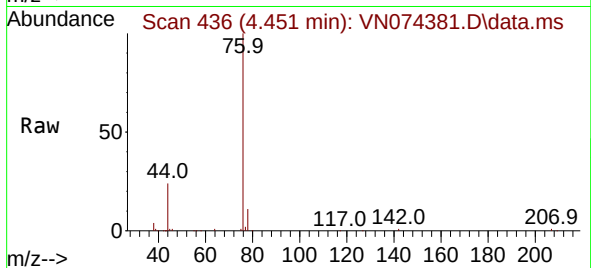
Tgt Ion: 43 Resp: 268027
Ion Ratio Lower Upper
43 100
58 33.9 22.7 34.1





#17
Carbon Disulfide
Concen: 18.072 ug/l
RT: 4.451 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN074381.D
Acq: 09 Sep 2022 18:31

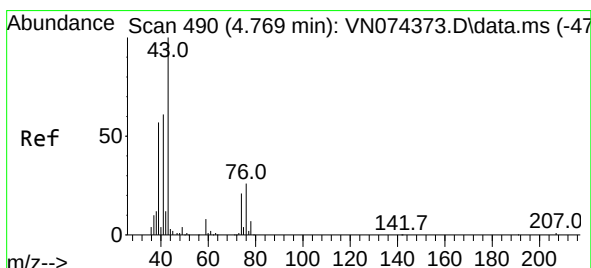
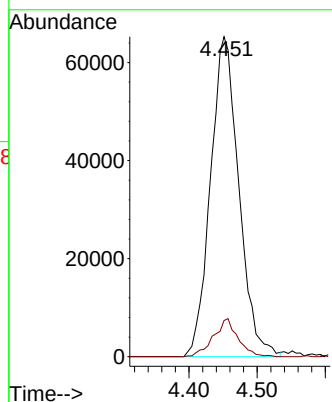
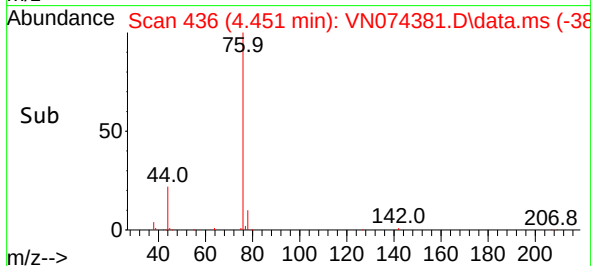
Instrument :
MSVOA_N
ClientSampleId :
VN0909WBSD01



Tgt Ion: 76 Resp: 189008
Ion Ratio Lower Upper
76 100
78 11.3 6.5 9.7

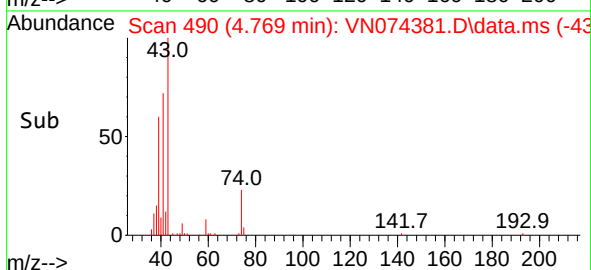
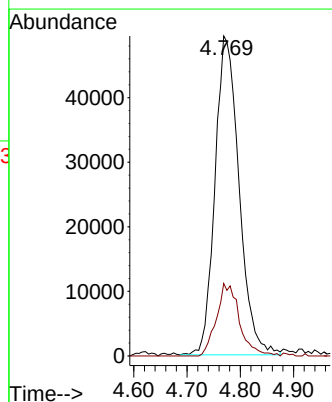
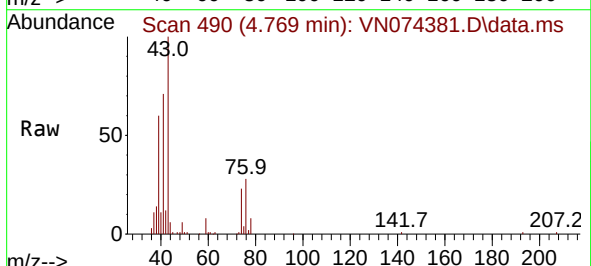
Manual Integrations
APPROVED

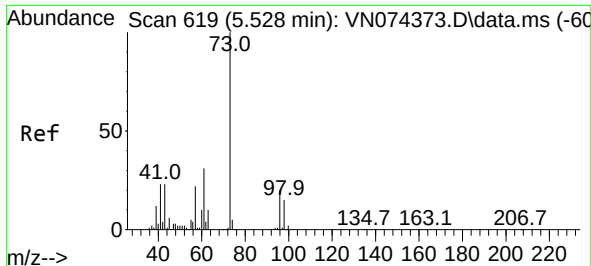
Reviewed By :John Carlone 09/12/2022
Supervised By :Mahesh Dadoda 09/12/2022



#18
Methyl Acetate
Concen: 18.237 ug/l
RT: 4.769 min Scan# 490
Delta R.T. -0.000 min
Lab File: VN074381.D
Acq: 09 Sep 2022 18:31

Tgt Ion: 43 Resp: 155011
Ion Ratio Lower Upper
43 100
74 21.7 16.7 25.1





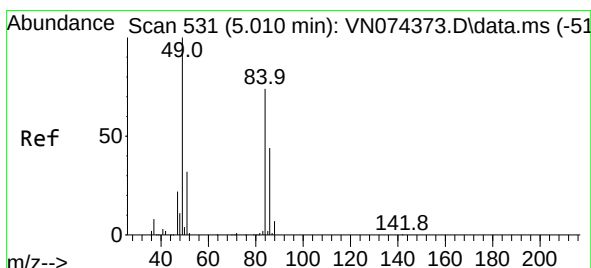
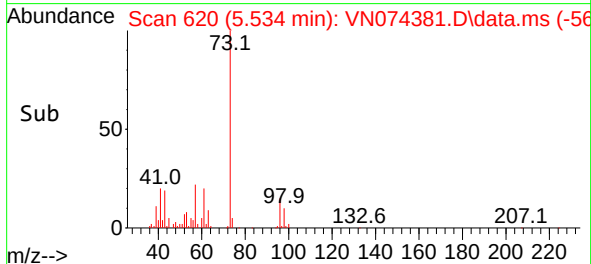
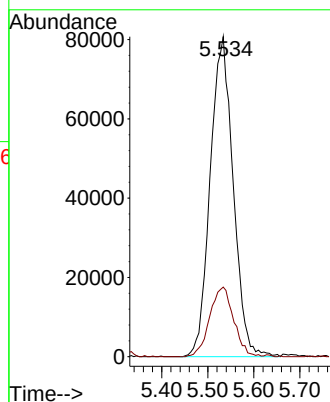
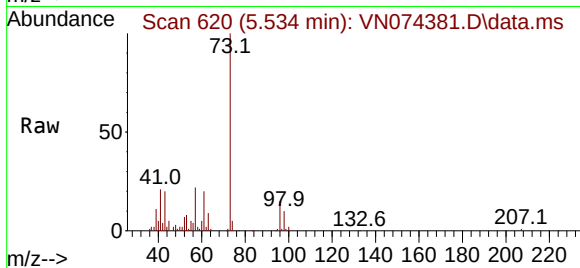
#19
Methyl tert-butyl Ether
Concen: 18.070 ug/l
RT: 5.534 min Scan# 619
Delta R.T. 0.006 min
Lab File: VN074381.D
Acq: 09 Sep 2022 18:31

Instrument :
MSVOA_N
ClientSampleId :
VN0909WBSD01

Tgt Ion: 73 Resp: 27987
Ion Ratio Lower Upper
73 100
57 21.7 17.7 26.5

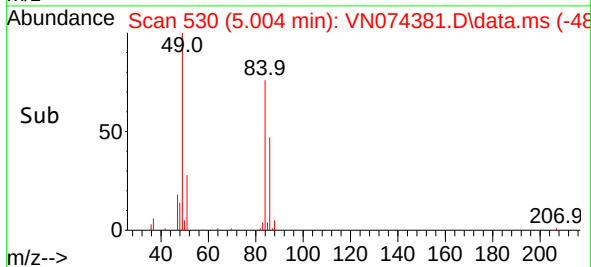
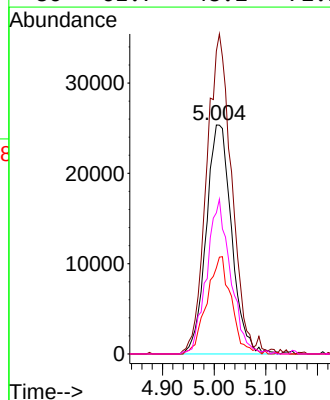
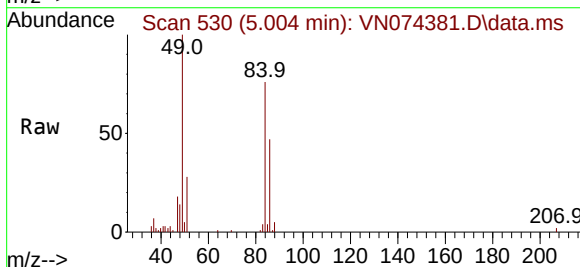
Manual Integrations
APPROVED

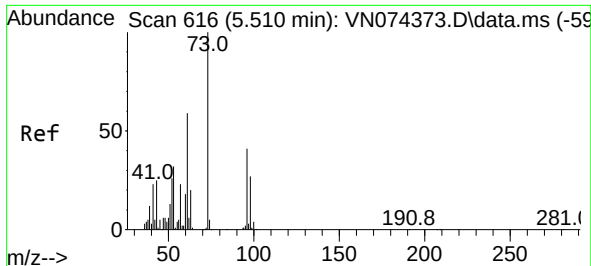
Reviewed By :John Carlone 09/12/2022
Supervised By :Mahesh Dadoda 09/12/2022



#20
Methylene Chloride
Concen: 19.550 ug/l
RT: 5.004 min Scan# 530
Delta R.T. -0.006 min
Lab File: VN074381.D
Acq: 09 Sep 2022 18:31

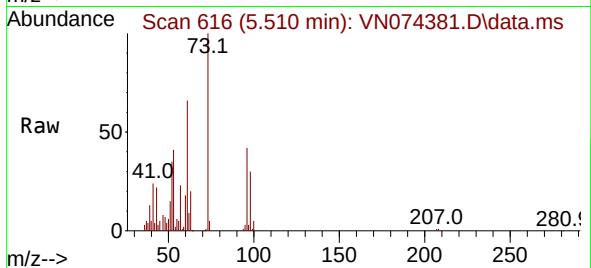
Tgt Ion: 84 Resp: 86587
Ion Ratio Lower Upper
84 100
49 132.4 108.2 162.4
51 37.6 34.3 51.5
86 61.7 48.2 72.2





#21
trans-1,2-Dichloroethene
Concen: 17.440 ug/l
RT: 5.510 min Scan# 616
Delta R.T. -0.000 min
Lab File: VN074381.D
Acq: 09 Sep 2022 18:31

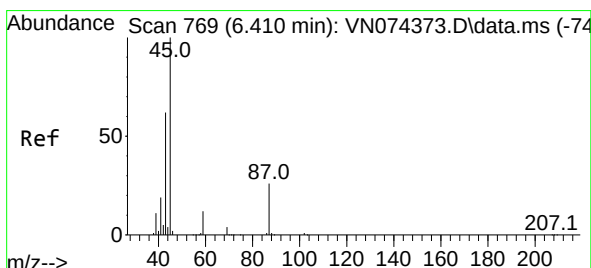
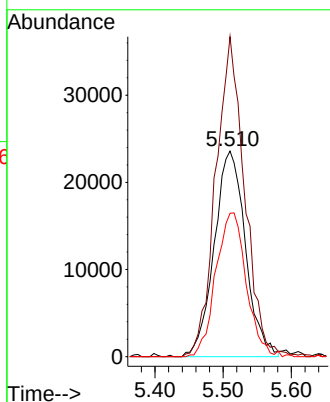
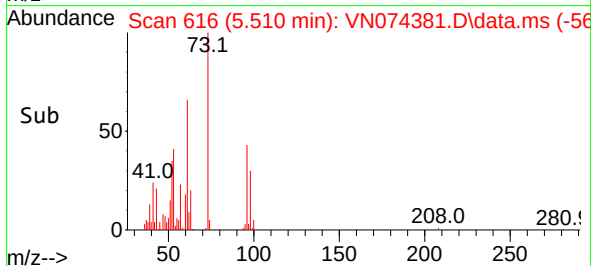
Instrument :
MSVOA_N
ClientSampleId :
VN0909WBSD01



Tgt Ion: 96 Resp: 7520
Ion Ratio Lower Upper
96 100
61 155.6 115.3 172.9
98 69.7 53.4 80.0

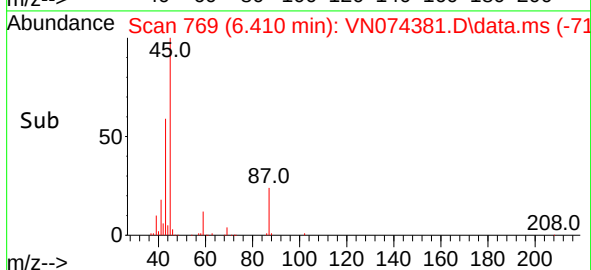
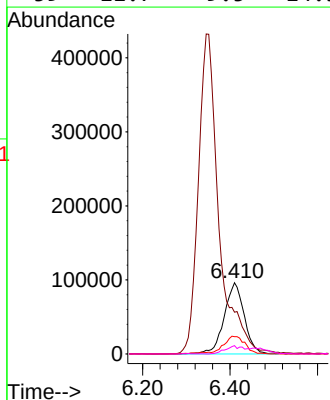
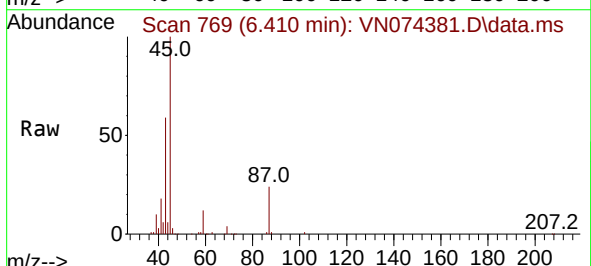
Manual Integrations
APPROVED

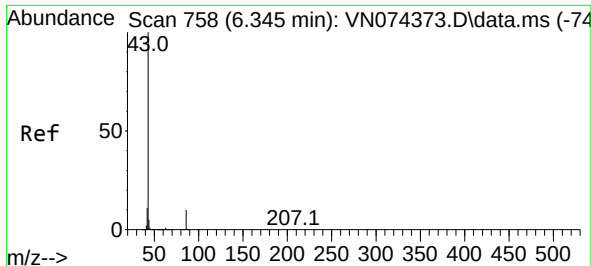
Reviewed By :John Carlone 09/12/2022
Supervised By :Mahesh Dadoda 09/12/2022



#22
Diisopropyl ether
Concen: 17.991 ug/l
RT: 6.410 min Scan# 769
Delta R.T. -0.000 min
Lab File: VN074381.D
Acq: 09 Sep 2022 18:31

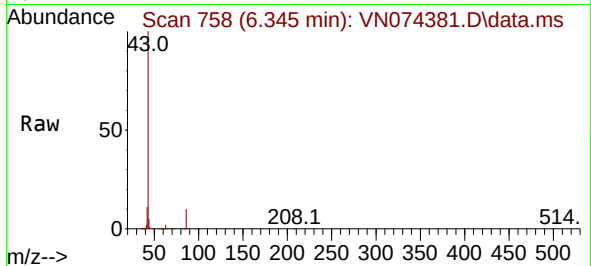
Tgt Ion: 45 Resp: 305756
Ion Ratio Lower Upper
45 100
43 57.7 49.4 74.0
87 24.2 21.3 31.9
59 11.7 9.5 14.3





#23
 Vinyl Acetate
 Concen: 93.165 ug/l
 RT: 6.345 min Scan# 711
 Delta R.T. -0.000 min
 Lab File: VN074381.D
 Acq: 09 Sep 2022 18:31

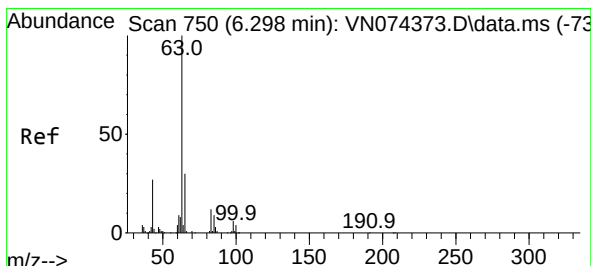
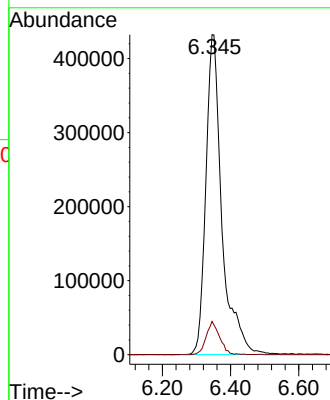
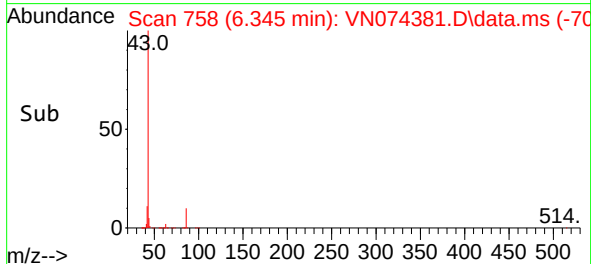
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0909WBSD01



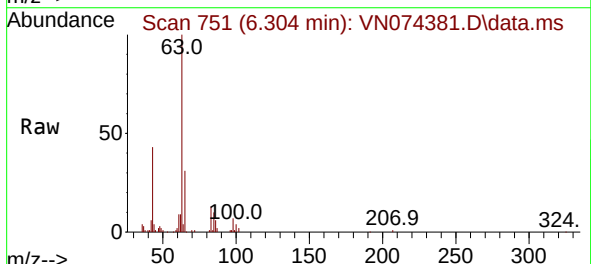
Tgt Ion: 43 Resp: 141308
 Ion Ratio Lower Upper
 43 100
 86 10.4 7.6 11.4

Manual Integrations
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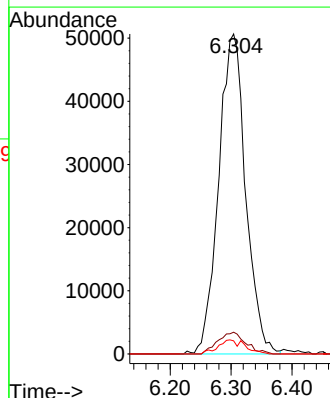
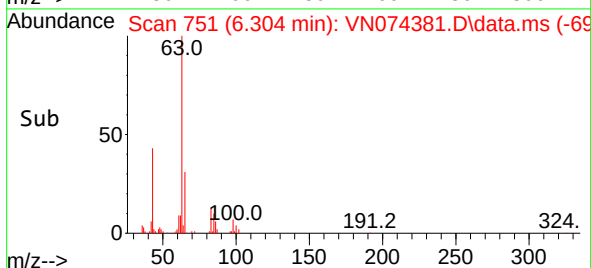
Reviewed By :John Carlone 09/12/2022
 Supervised By :Mahesh Dadoda 09/12/2022

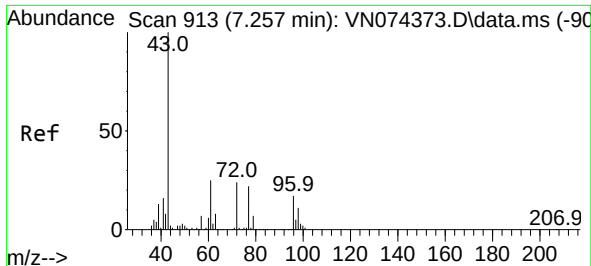


#24
 1,1-Dichloroethane
 Concen: 17.903 ug/l
 RT: 6.304 min Scan# 751
 Delta R.T. 0.006 min
 Lab File: VN074381.D
 Acq: 09 Sep 2022 18:31



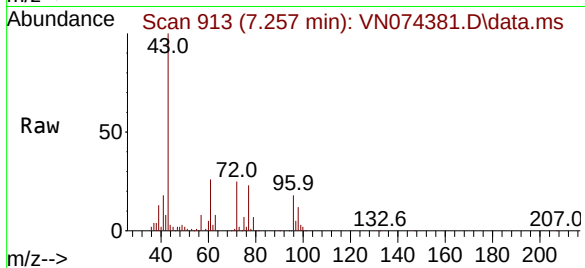
Tgt Ion: 63 Resp: 156338
 Ion Ratio Lower Upper
 63 100
 98 6.8 2.9 8.6
 100 4.1 2.0 5.8





#25
2-Butanone
Concen: 95.483 ug/l
RT: 7.257 min Scan# 913
Delta R.T. -0.000 min
Lab File: VN074381.D
Acq: 09 Sep 2022 18:31

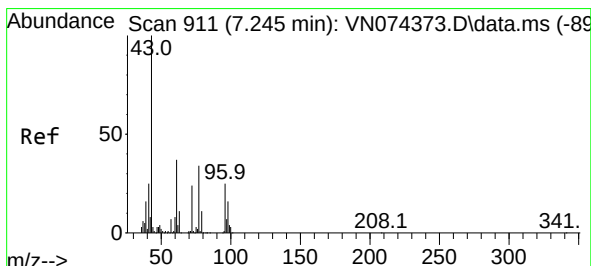
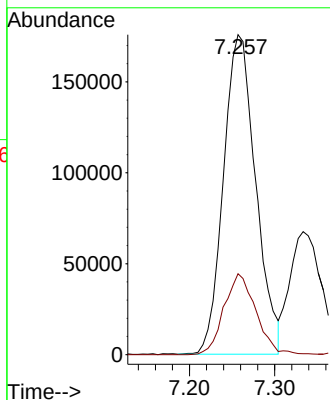
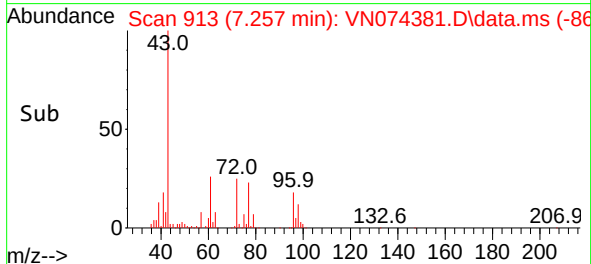
Instrument :
MSVOA_N
ClientSampleId :
VN0909WBSD01



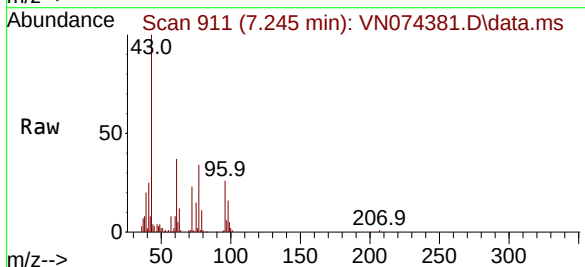
Tgt Ion: 43 Resp: 46215
Ion Ratio Lower Upper
43 100
72 25.3 18.9 28.3

Manual Integrations
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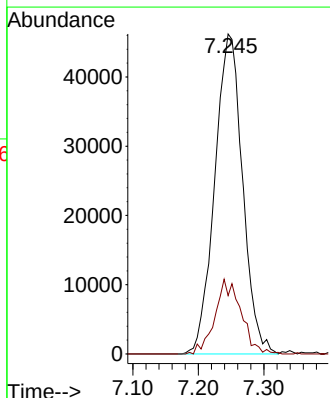
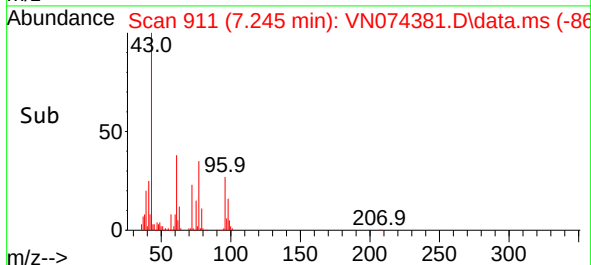
Reviewed By :John Carlone 09/12/2022
Supervised By :Mahesh Dadoda 09/12/2022

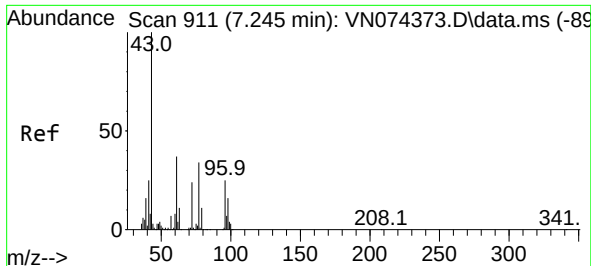


#26
2,2-Dichloropropane
Concen: 17.214 ug/l
RT: 7.245 min Scan# 911
Delta R.T. -0.000 min
Lab File: VN074381.D
Acq: 09 Sep 2022 18:31



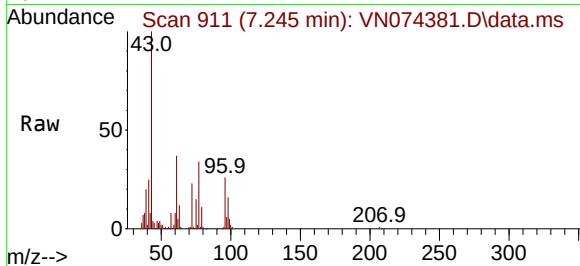
Tgt Ion: 77 Resp: 135995
Ion Ratio Lower Upper
77 100
97 21.9 10.7 32.1





#27
 cis-1,2-Dichloroethene
 Concen: 17.670 ug/l
 RT: 7.245 min Scan# 911
 Delta R.T. -0.000 min
 Lab File: VN074381.D
 Acq: 09 Sep 2022 18:31

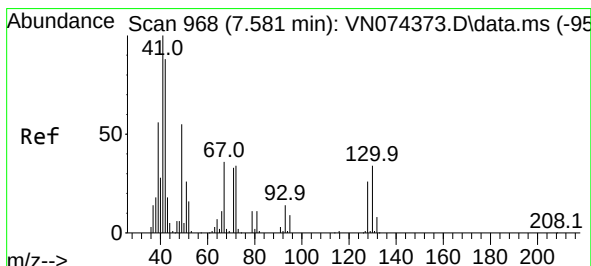
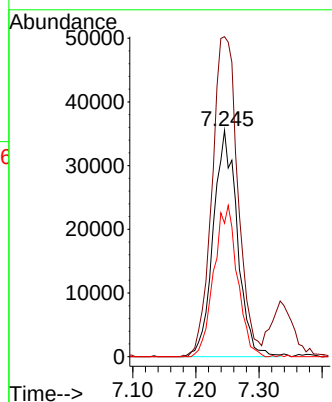
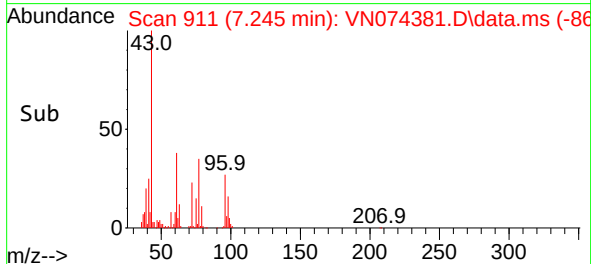
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0909WBSD01



Tgt Ion: 96 Resp: 9387
 Ion Ratio Lower Upper
 96 100
 61 152.2 0.0 306.2
 98 65.3 0.0 129.8

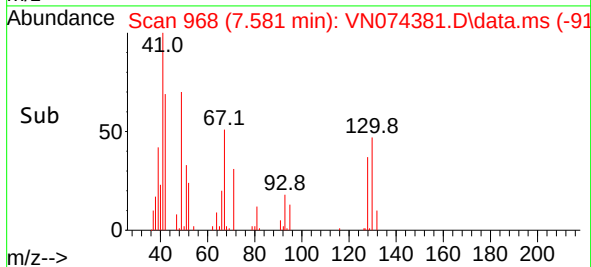
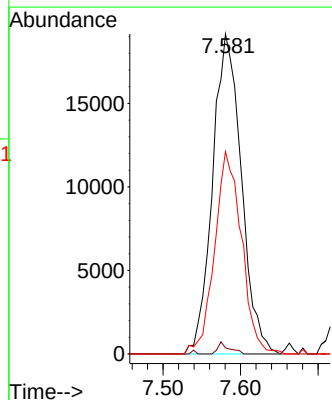
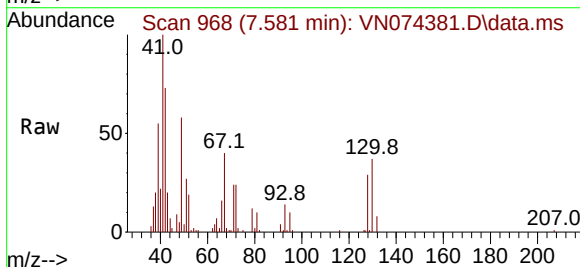
Manual Integrations
 APPROVED

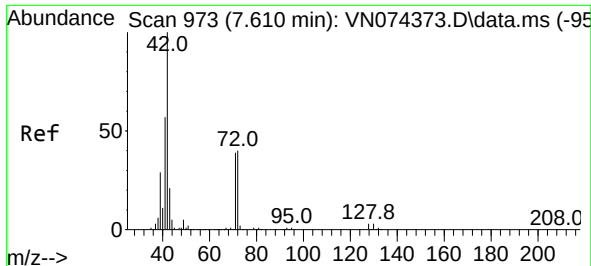
Reviewed By :John Carlone 09/12/2022
 Supervised By :Mahesh Dadoda 09/12/2022



#28
 Bromochloromethane
 Concen: 18.356 ug/l
 RT: 7.581 min Scan# 968
 Delta R.T. -0.000 min
 Lab File: VN074381.D
 Acq: 09 Sep 2022 18:31

Tgt Ion: 49 Resp: 49529
 Ion Ratio Lower Upper
 49 100
 129 1.5 0.0 2.2
 130 59.2 50.0 75.0





#29

Tetrahydrofuran

Concen: 96.175 ug/l

RT: 7.610 min Scan# 91

Delta R.T. -0.000 min

Lab File: VN074381.D

Acq: 09 Sep 2022 18:31

Instrument :

MSVOA_N

ClientSampleId :

VN0909WBSD01

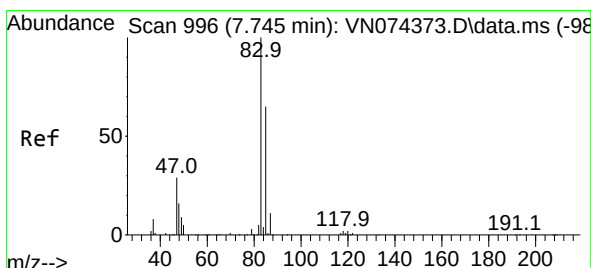
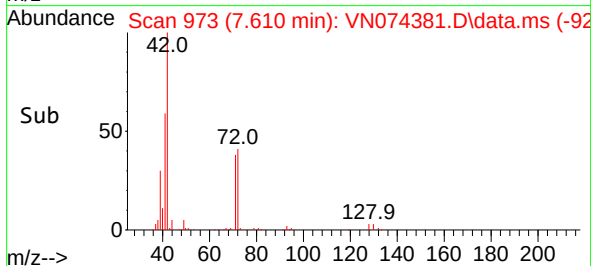
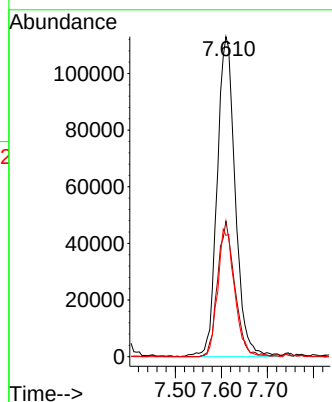
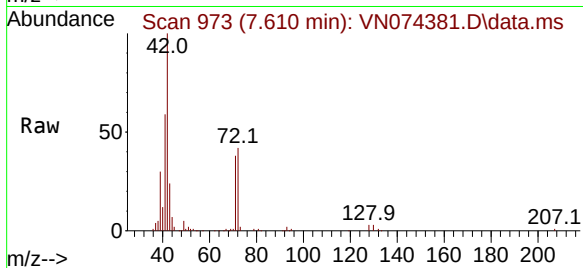
Tgt Ion:	42	Resp:	30771
Ion	Ratio	Lower	Upper
42	100		
72	40.1	32.7	49.1
71	37.3	31.0	46.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/12/2022

Supervised By :Mahesh Dadoda 09/12/2022



#30

Chloroform

Concen: 18.492 ug/l

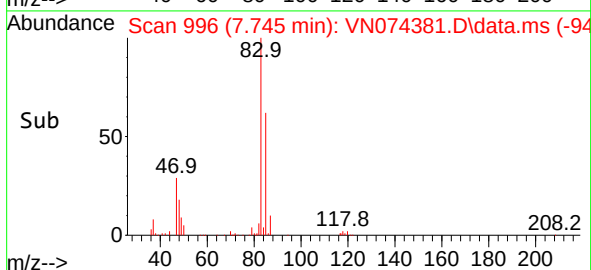
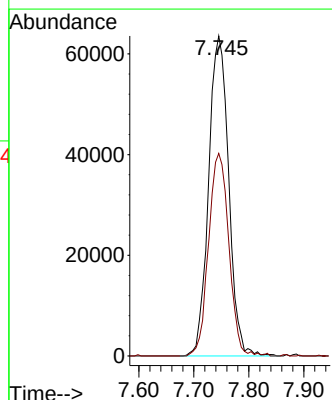
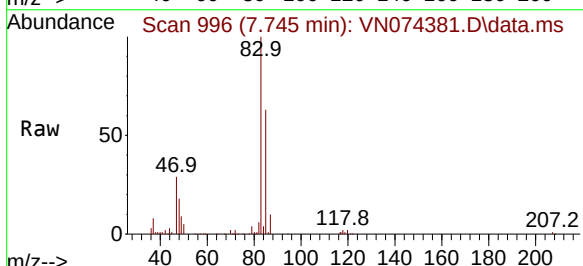
RT: 7.745 min Scan# 996

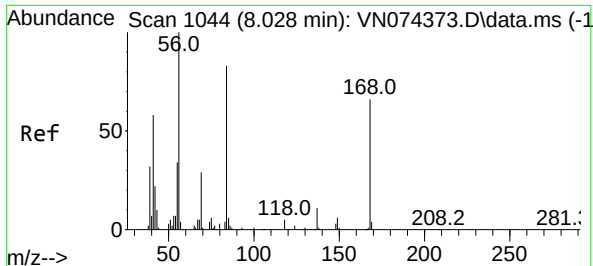
Delta R.T. -0.000 min

Lab File: VN074381.D

Acq: 09 Sep 2022 18:31

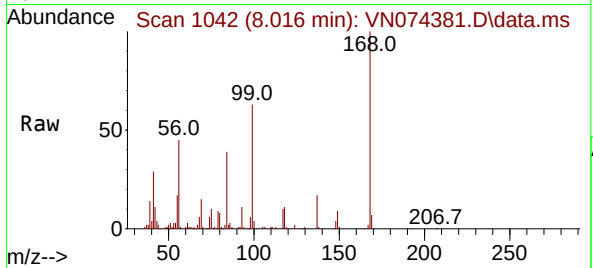
Tgt Ion:	83	Resp:	161195
Ion	Ratio	Lower	Upper
83	100		
85	63.3	51.8	77.6





#31
Cyclohexane
Concen: 17.908 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.012 min
Lab File: VN074381.D
Acq: 09 Sep 2022 18:31

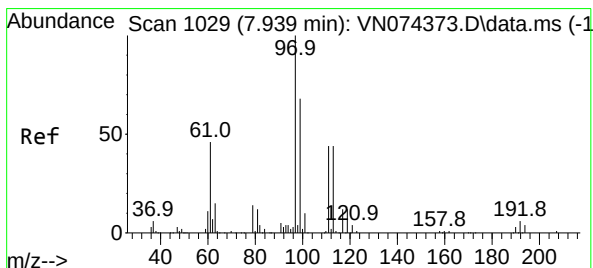
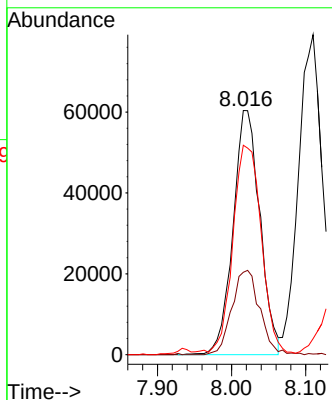
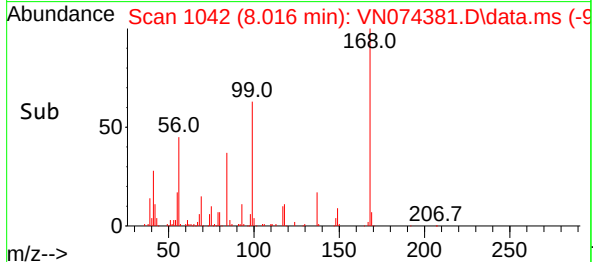
Instrument :
MSVOA_N
ClientSampleId :
VN0909WBSD01



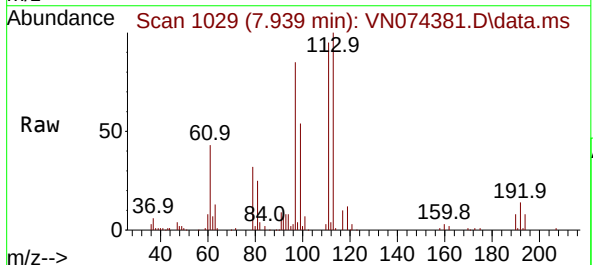
Tgt Ion: 56 Resp: 152110
Ion Ratio Lower Upper
56 100
69 33.2 23.0 34.4
84 84.1 66.3 99.5

Manual Integrations
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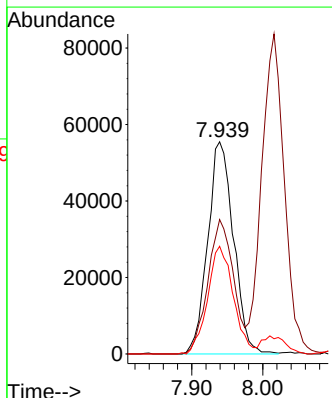
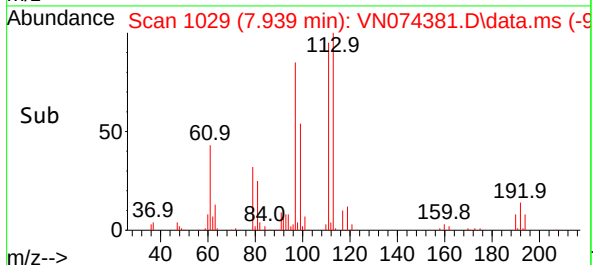
Reviewed By :John Carlone 09/12/2022
Supervised By :Mahesh Dadoda 09/12/2022

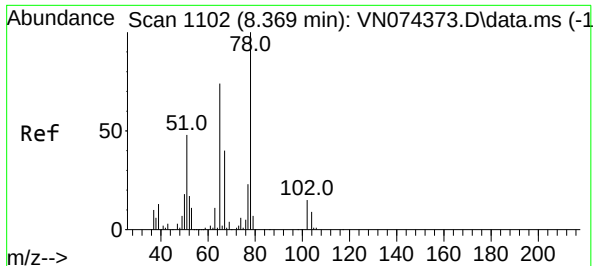


#32
1,1,1-Trichloroethane
Concen: 17.880 ug/l
RT: 7.939 min Scan# 1029
Delta R.T. -0.000 min
Lab File: VN074381.D
Acq: 09 Sep 2022 18:31



Tgt Ion: 97 Resp: 139822
Ion Ratio Lower Upper
97 100
99 62.7 50.2 75.2
61 50.4 38.7 58.1





#33

1,2-Dichloroethane-d4

Concen: 49.928 ug/l

RT: 8.369 min Scan# 1102

Delta R.T. -0.000 min

Lab File: VN074381.D

Acq: 09 Sep 2022 18:31

Instrument :

MSVOA_N

ClientSampleId :

VN0909WBSD01

Tgt Ion: 65 Resp: 266658

Ion Ratio Lower Upper

65 100

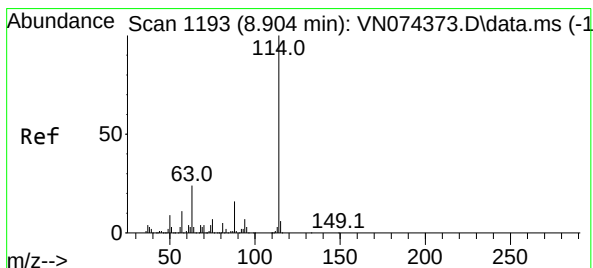
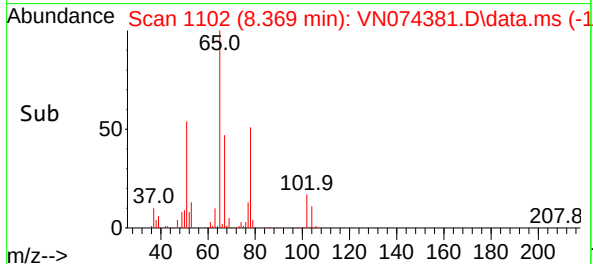
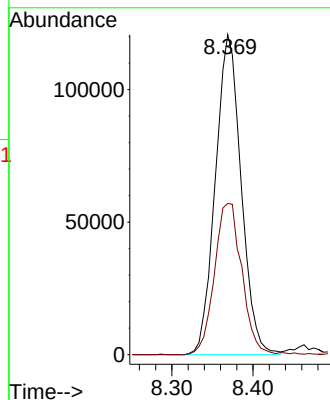
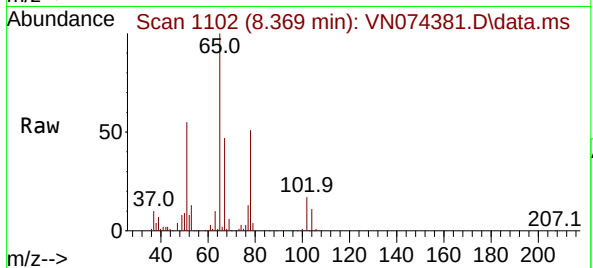
67 50.0 0.0 102.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/12/2022

Supervised By :Mahesh Dadoda 09/12/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.898 min Scan# 1192

Delta R.T. -0.006 min

Lab File: VN074381.D

Acq: 09 Sep 2022 18:31

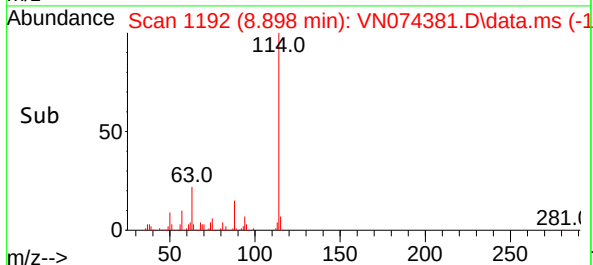
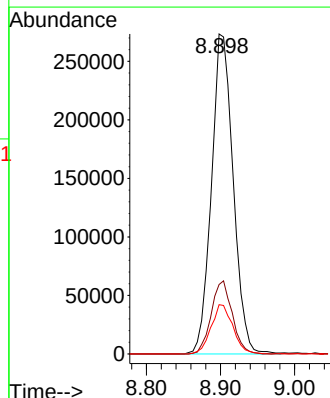
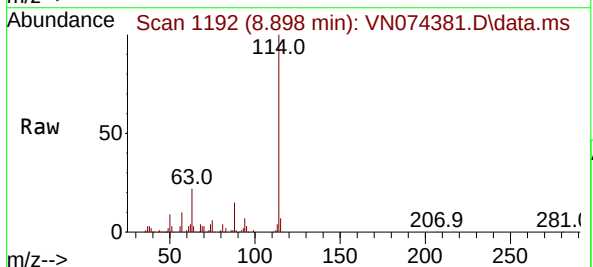
Tgt Ion:114 Resp: 557934

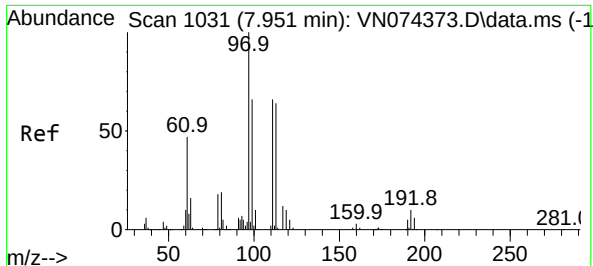
Ion Ratio Lower Upper

114 100

63 21.7 0.0 47.6

88 15.4 0.0 31.4





#35

Dibromofluoromethane

Concen: 52.241 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. -0.000 min

Lab File: VN074381.D

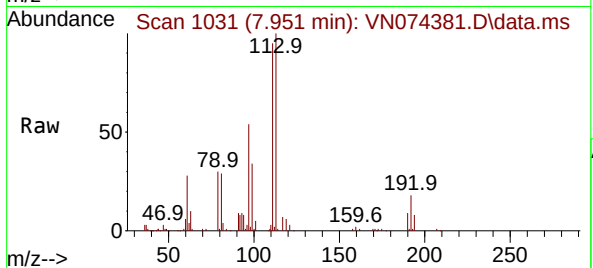
Acq: 09 Sep 2022 18:31

Instrument :

MSVOA_N

ClientSampleId :

VN0909WBSD01



Tgt Ion: 113 Resp: 196770

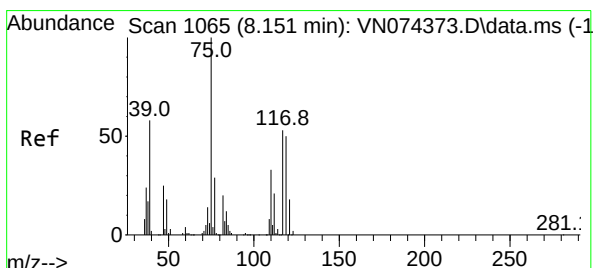
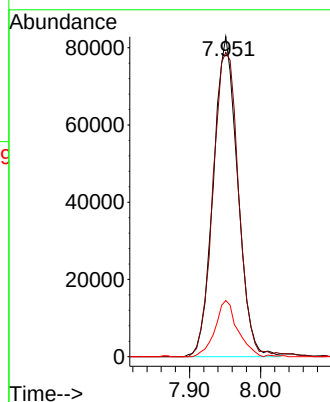
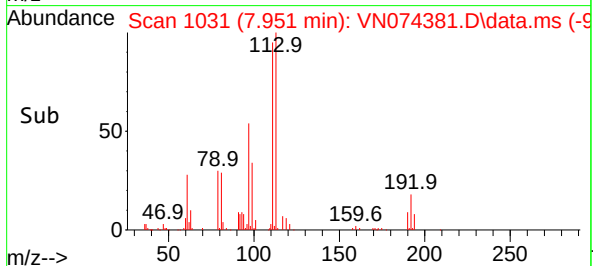
Ion	Ratio	Lower	Upper
113	100		
111	100.7	83.0	124.4
192	16.2	13.7	20.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/12/2022

Supervised By :Mahesh Dadoda 09/12/2022



#36

1,1-Dichloropropene

Concen: 18.297 ug/l

RT: 8.145 min Scan# 1064

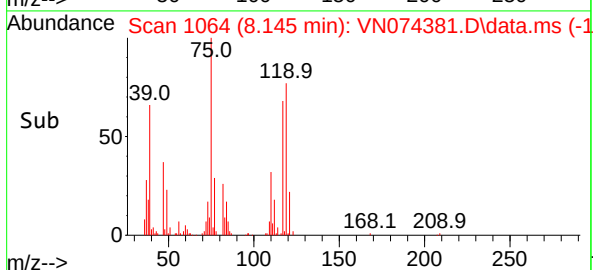
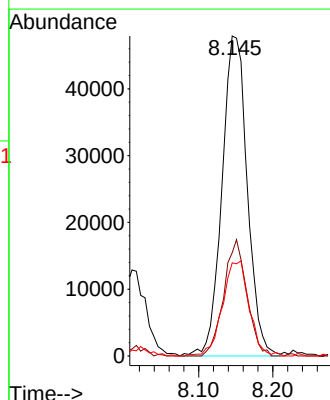
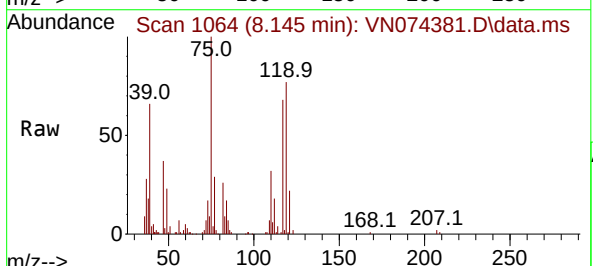
Delta R.T. -0.006 min

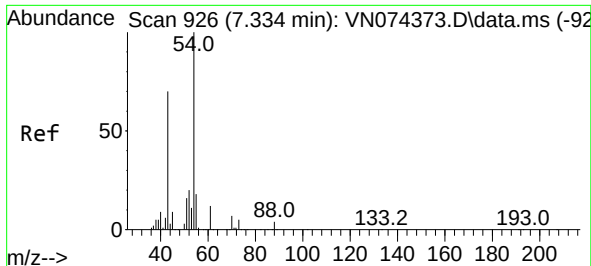
Lab File: VN074381.D

Acq: 09 Sep 2022 18:31

Tgt Ion: 75 Resp: 113535

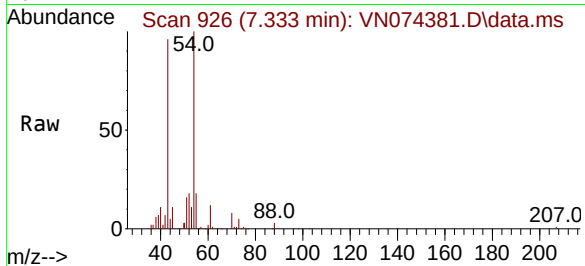
Ion	Ratio	Lower	Upper
75	100		
110	33.1	16.4	49.1
77	31.2	25.4	38.2





#37
Ethyl Acetate
Concen: 19.728 ug/l
RT: 7.333 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN074381.D
Acq: 09 Sep 2022 18:31

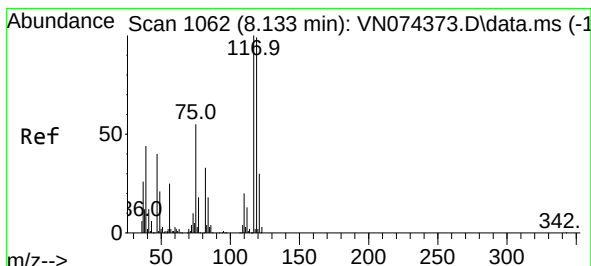
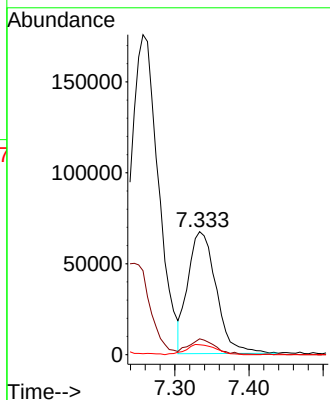
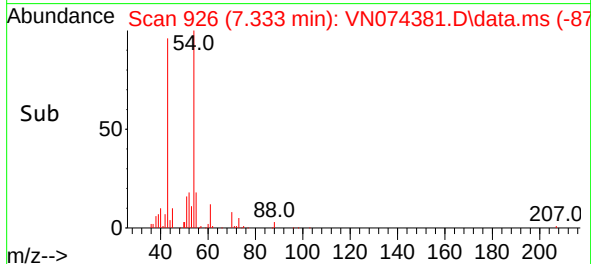
Instrument :
MSVOA_N
ClientSampleId :
VN0909WBSD01



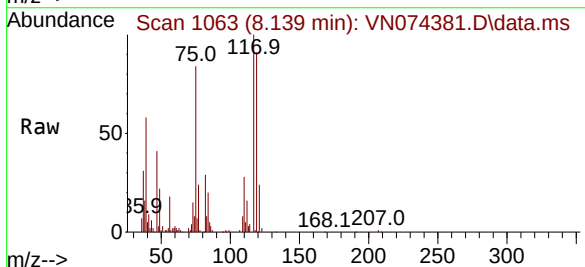
Tgt Ion: 43 Resp: 17758
Ion Ratio Lower Upper
43 100
61 11.8 11.1 16.7
70 8.8 7.2 10.8

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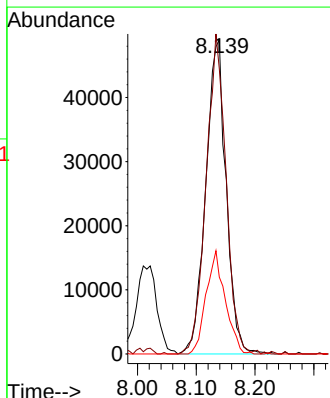
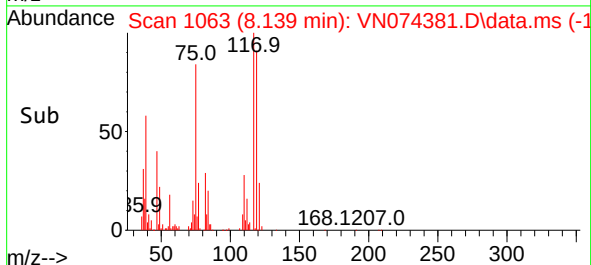
Reviewed By :John Carlone 09/12/2022
Supervised By :Mahesh Dadoda 09/12/2022

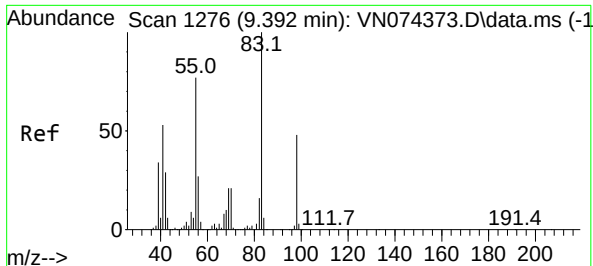


#38
Carbon Tetrachloride
Concen: 18.452 ug/l
RT: 8.139 min Scan# 1063
Delta R.T. 0.006 min
Lab File: VN074381.D
Acq: 09 Sep 2022 18:31



Tgt Ion: 117 Resp: 118208
Ion Ratio Lower Upper
117 100
119 90.7 78.8 118.2
121 24.4 24.1 36.1





#39

Methylcyclohexane

Concen: 17.906 ug/l

RT: 9.392 min Scan# 1106

Delta R.T. -0.000 min

Lab File: VN074381.D

Acq: 09 Sep 2022 18:31

Instrument :

MSVOA_N

ClientSampleId :

VN0909WBSD01

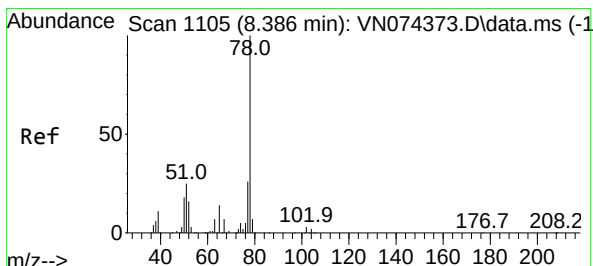
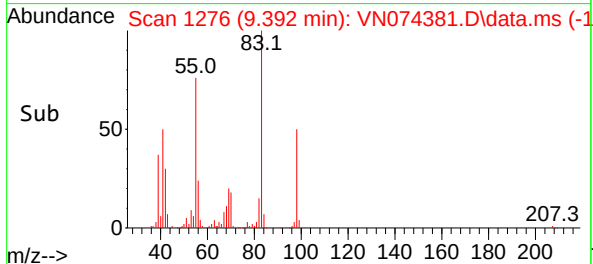
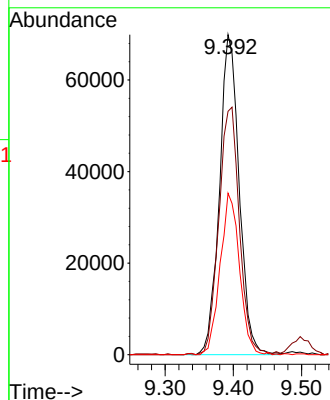
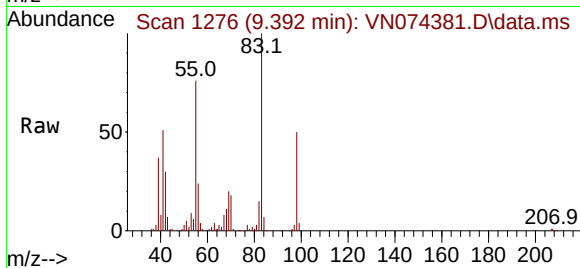
Tgt Ion:	83	Resp:	14082
Ion Ratio	Lower	Upper	
83	100		
55	76.0	61.2	91.8
98	50.5	38.5	57.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/12/2022

Supervised By :Mahesh Dadoda 09/12/2022



#40

Benzene

Concen: 19.247 ug/l

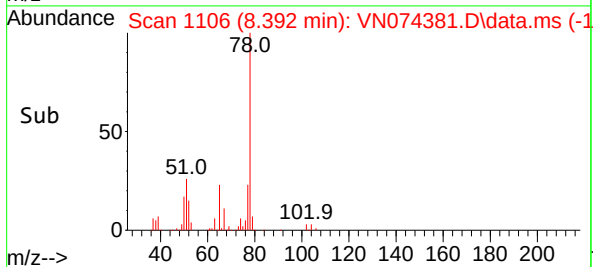
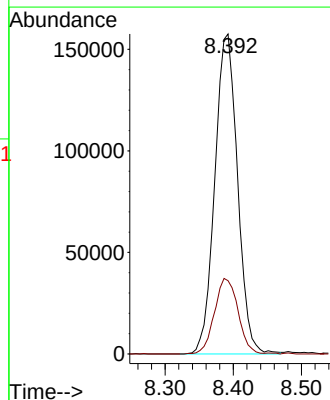
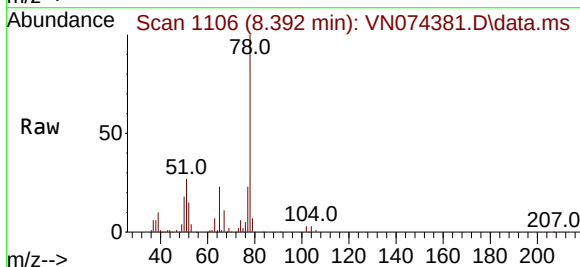
RT: 8.392 min Scan# 1106

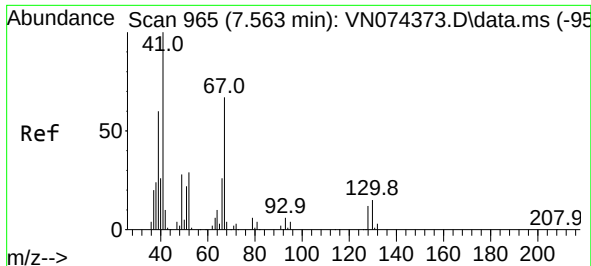
Delta R.T. 0.006 min

Lab File: VN074381.D

Acq: 09 Sep 2022 18:31

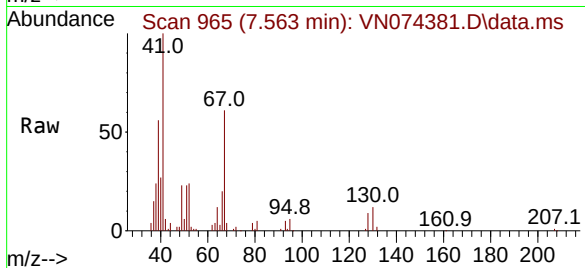
Tgt Ion:	78	Resp:	365666
Ion Ratio	Lower	Upper	
78	100		
77	22.9	20.6	31.0





#41
Methacrylonitrile
Concen: 20.361 ug/l
RT: 7.563 min Scan# 9094
Delta R.T. -0.000 min
Lab File: VN074381.D
Acq: 09 Sep 2022 18:31

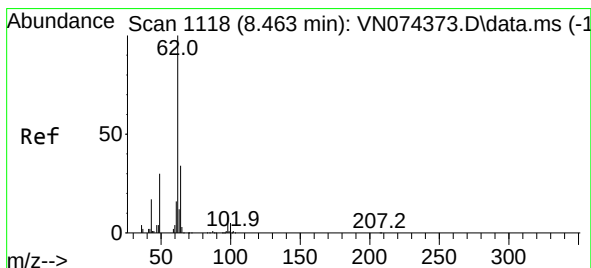
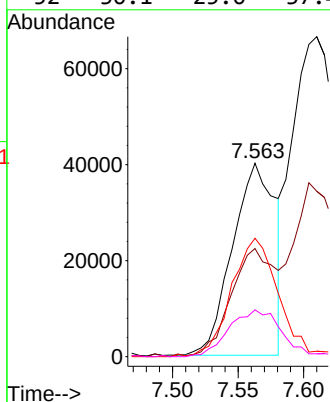
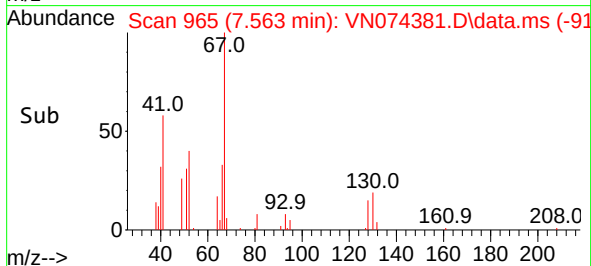
Instrument :
MSVOA_N
ClientSampleId :
VN0909WBSD01



Tgt Ion: 41 Resp: 9094
Ion Ratio Lower Upper
41 100
39 58.1 39.2 58.8
67 67.8 53.6 80.4
52 30.1 25.0 37.4

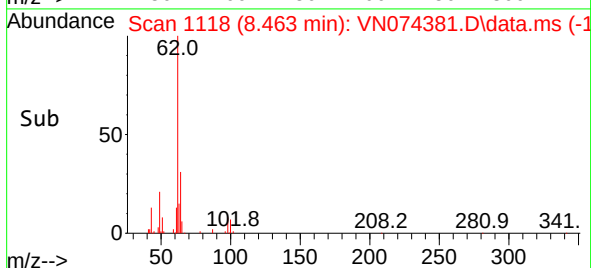
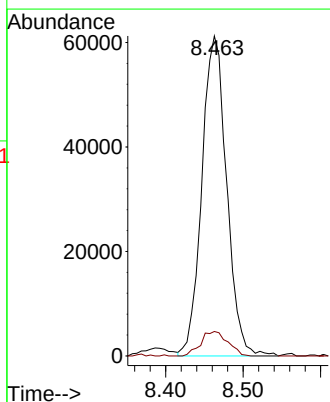
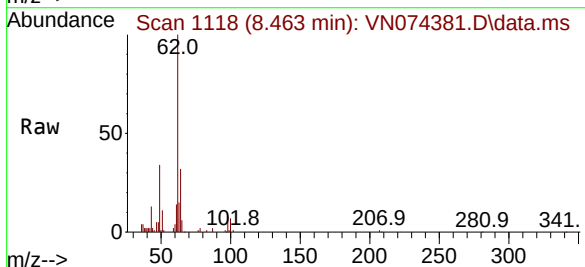
Manual Integrations
APPROVED

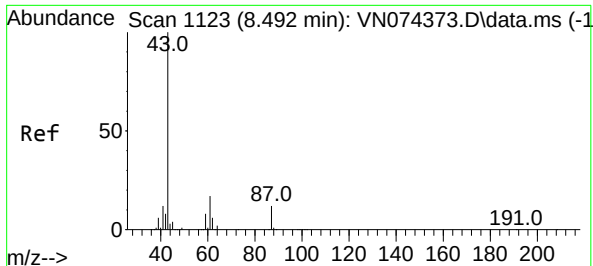
Reviewed By :John Carlone 09/12/2022
Supervised By :Mahesh Dadoda 09/12/2022



#42
1,2-Dichloroethane
Concen: 18.758 ug/l
RT: 8.463 min Scan# 1118
Delta R.T. -0.000 min
Lab File: VN074381.D
Acq: 09 Sep 2022 18:31

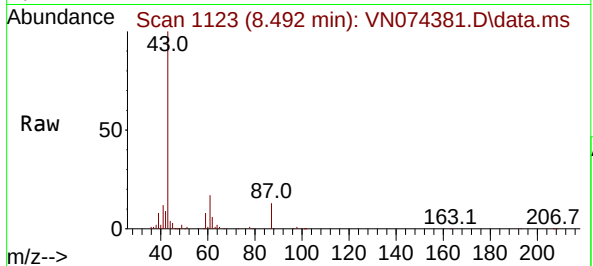
Tgt Ion: 62 Resp: 136243
Ion Ratio Lower Upper
62 100
98 8.3 0.0 17.6





#43
Isopropyl Acetate
Concen: 18.670 ug/l
RT: 8.492 min Scan# 1123
Delta R.T. -0.000 min
Lab File: VN074381.D
Acq: 09 Sep 2022 18:31

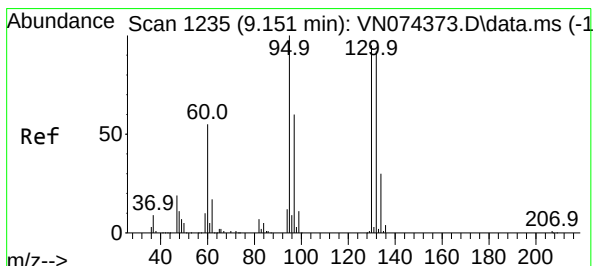
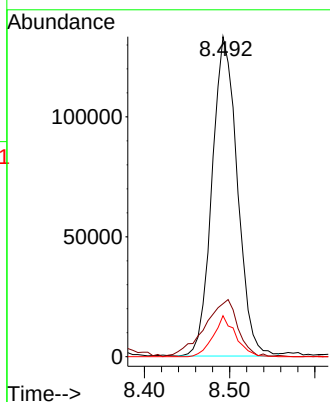
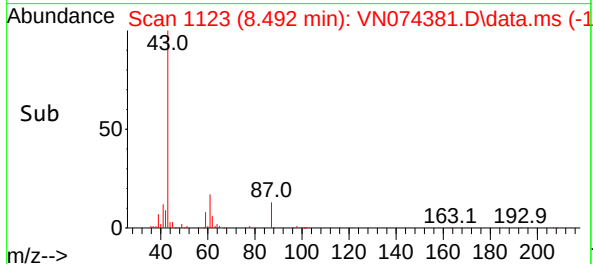
Instrument :
MSVOA_N
ClientSampleId :
VN0909WBSD01



Tgt Ion: 43 Resp: 27484
Ion Ratio Lower Upper
43 100
61 23.5 18.6 27.8
87 11.3 9.4 14.2

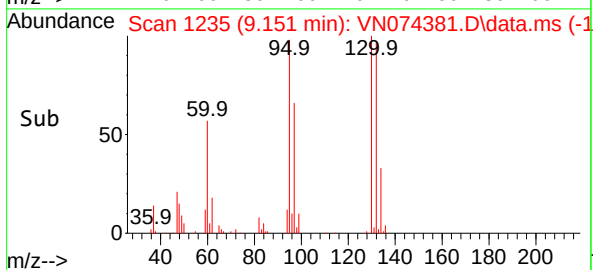
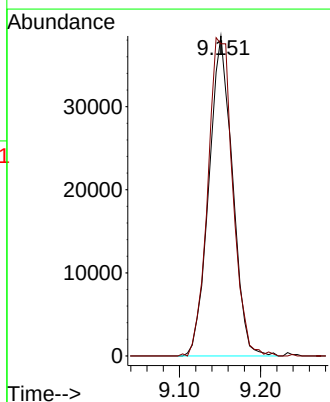
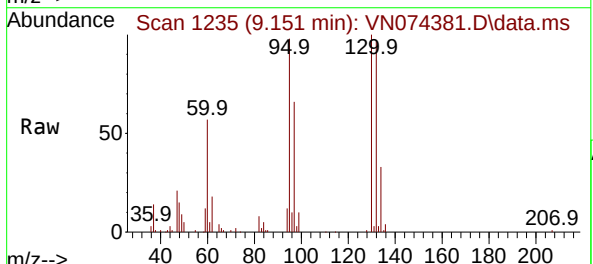
Manual Integrations
APPROVED

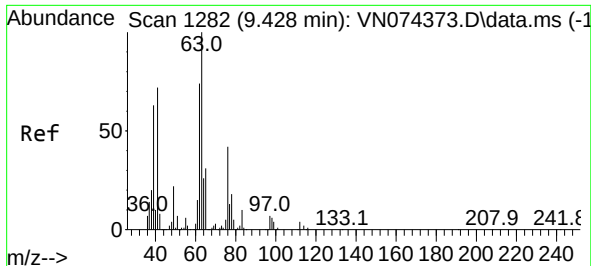
Reviewed By :John Carlone 09/12/2022
Supervised By :Mahesh Dadoda 09/12/2022



#44
Trichloroethene
Concen: 18.233 ug/l
RT: 9.151 min Scan# 1235
Delta R.T. -0.000 min
Lab File: VN074381.D
Acq: 09 Sep 2022 18:31

Tgt Ion:130 Resp: 77660
Ion Ratio Lower Upper
130 100
95 97.5 0.0 210.0





#45

1,2-Dichloropropane

Concen: 19.157 ug/l

RT: 9.427 min Scan# 1282

Delta R.T. -0.000 min

Lab File: VN074381.D

Acq: 09 Sep 2022 18:31

Instrument :

MSVOA_N

ClientSampleId :

VN0909WBSD01

Tgt Ion: 63 Resp: 96618

Ion Ratio Lower Upper

63 100

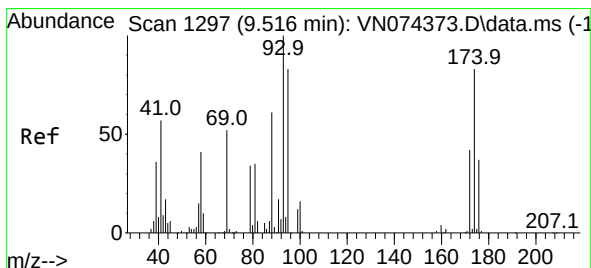
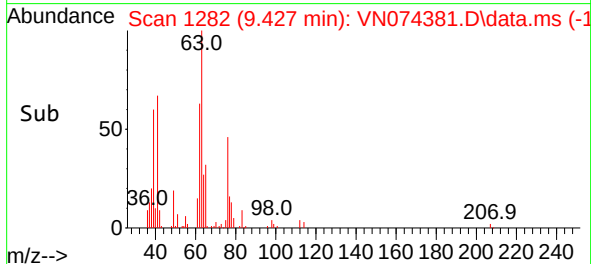
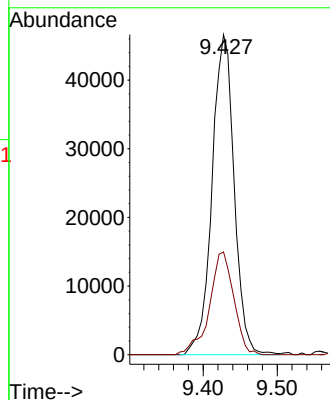
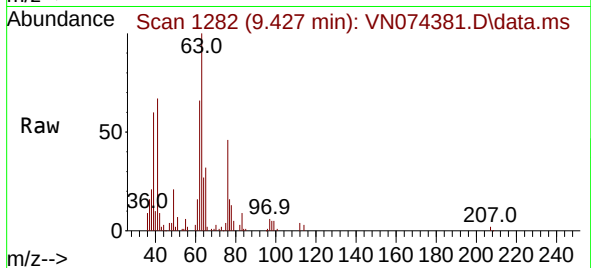
65 32.1 24.6 36.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/12/2022

Supervised By :Mahesh Dadoda 09/12/2022



#46

Dibromomethane

Concen: 18.820 ug/l

RT: 9.510 min Scan# 1296

Delta R.T. -0.006 min

Lab File: VN074381.D

Acq: 09 Sep 2022 18:31

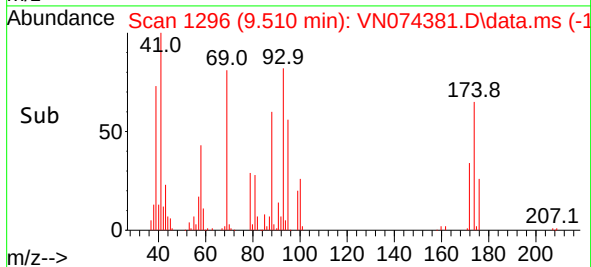
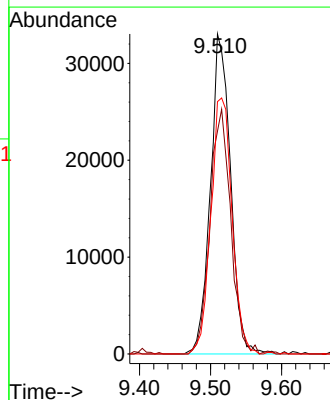
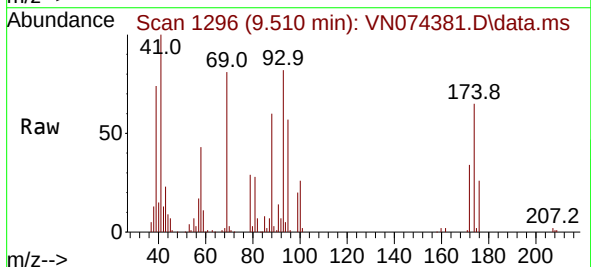
Tgt Ion: 93 Resp: 64990

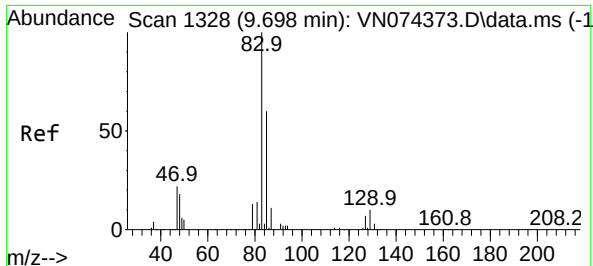
Ion Ratio Lower Upper

93 100

95 78.7 67.5 101.3

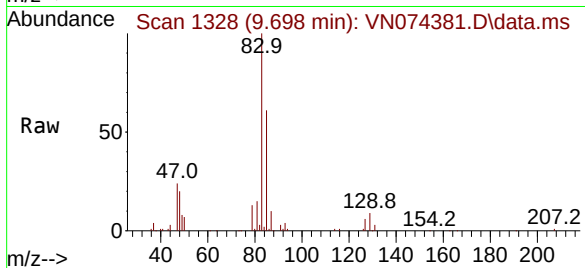
174 84.3 67.2 100.8





#47
Bromodichloromethane
Concen: 18.755 ug/l
RT: 9.698 min Scan# 1328
Delta R.T. -0.000 min
Lab File: VN074381.D
Acq: 09 Sep 2022 18:31

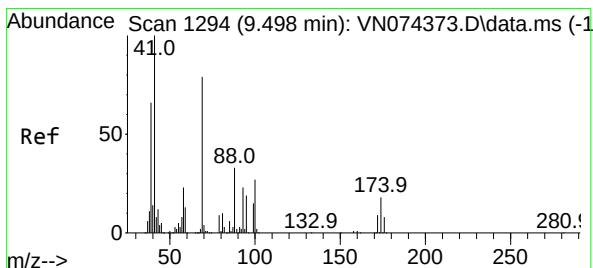
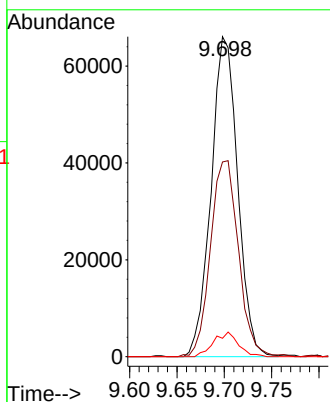
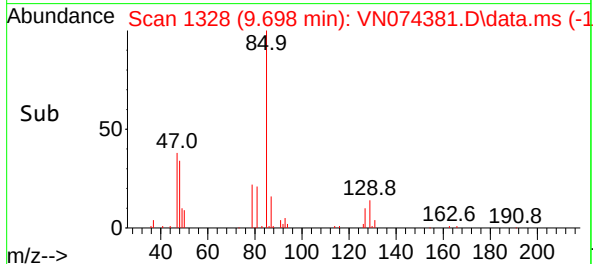
Instrument :
MSVOA_N
ClientSampleId :
VN0909WBSD01



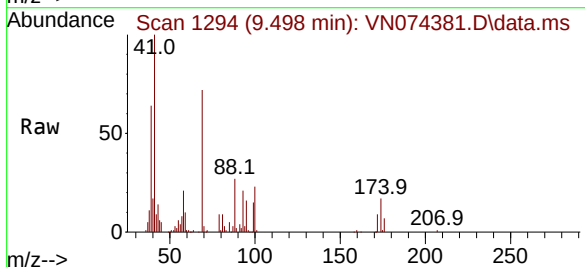
Tgt Ion: 83 Resp: 12909
Ion Ratio Lower Upper
83 100
85 60.9 47.7 71.5
127 5.8 5.4 8.2

Manual Integrations
APPROVED

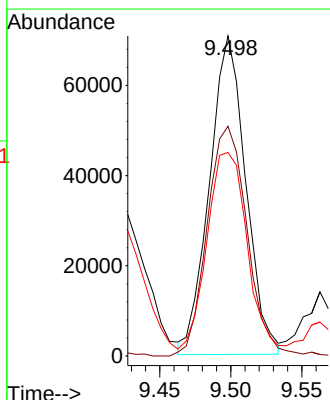
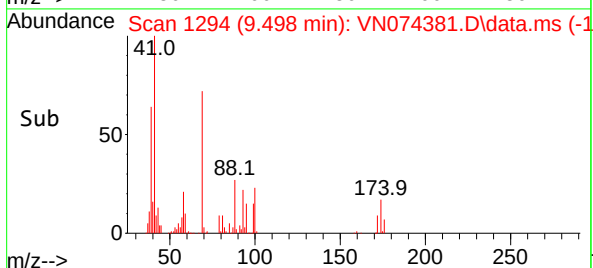
Reviewed By :John Carlone 09/12/2022
Supervised By :Mahesh Dadoda 09/12/2022

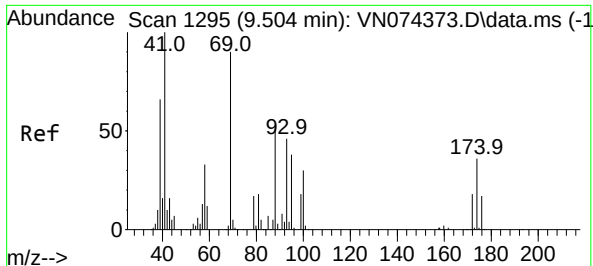


#48
Methyl methacrylate
Concen: 19.361 ug/l
RT: 9.498 min Scan# 1294
Delta R.T. -0.000 min
Lab File: VN074381.D
Acq: 09 Sep 2022 18:31



Tgt Ion: 41 Resp: 125608
Ion Ratio Lower Upper
41 100
69 79.5 67.6 101.4
39 71.6 58.2 87.4





#49

1,4-Dioxane

Concen: 390.345 ug/l

RT: 9.504 min Scan# 1295

Delta R.T. -0.000 min

Lab File: VN074381.D

Acq: 09 Sep 2022 18:31

Instrument :

MSVOA_N

ClientSampleId :

VN0909WBSD01

Tgt Ion: 88 Resp: 5336

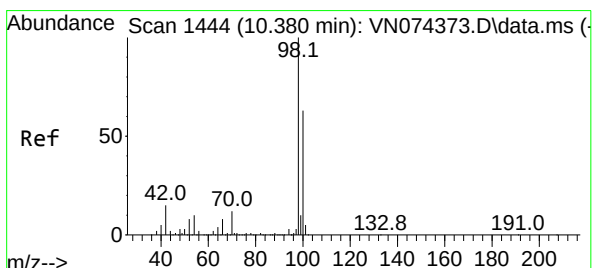
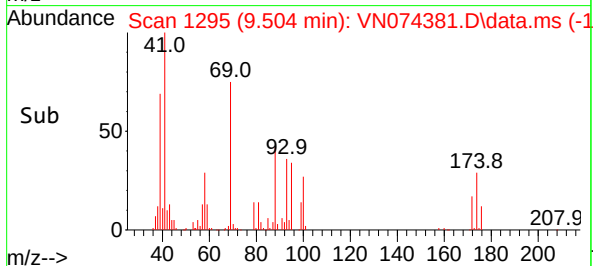
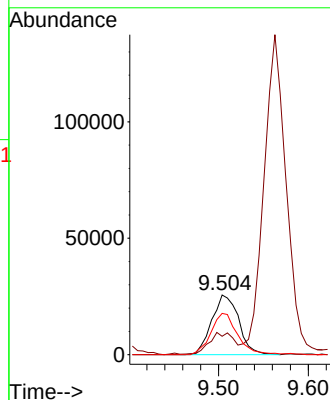
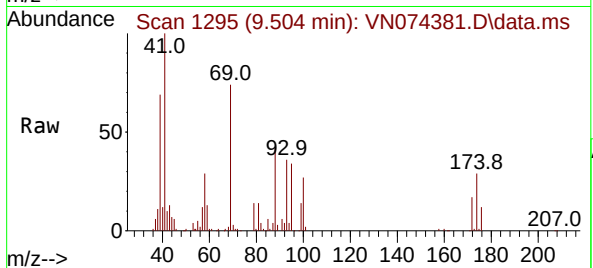
Ion	Ratio	Lower	Upper
88	100		
43	32.8	26.9	40.3
58	69.2	52.7	79.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/12/2022

Supervised By :Mahesh Dadoda 09/12/2022



#50

Toluene-d8

Concen: 49.486 ug/l

RT: 10.380 min Scan# 1444

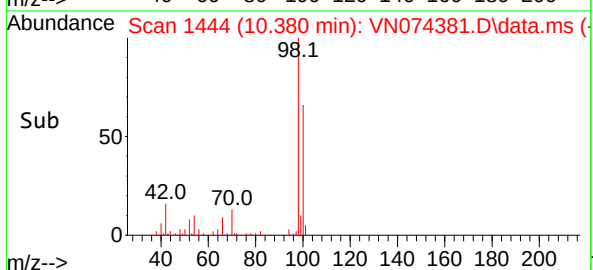
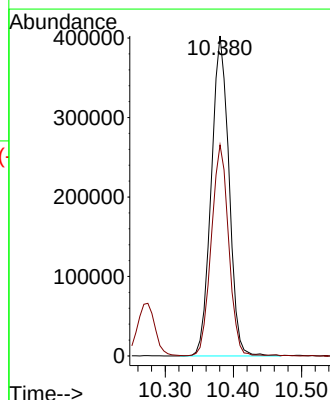
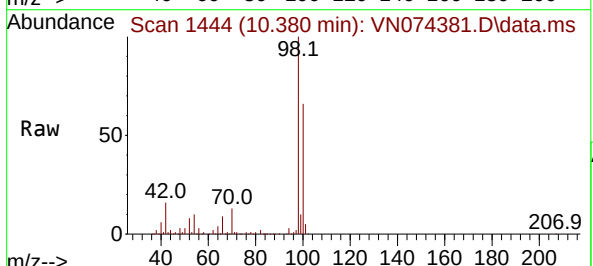
Delta R.T. -0.000 min

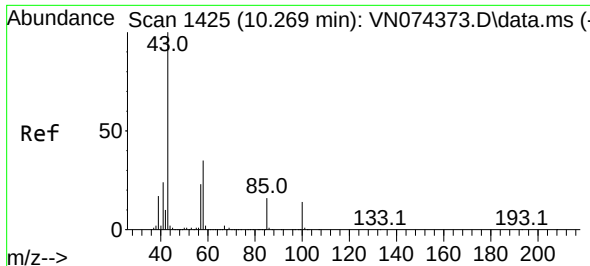
Lab File: VN074381.D

Acq: 09 Sep 2022 18:31

Tgt Ion: 98 Resp: 726280

Ion	Ratio	Lower	Upper
98	100		
100	64.5	50.6	76.0





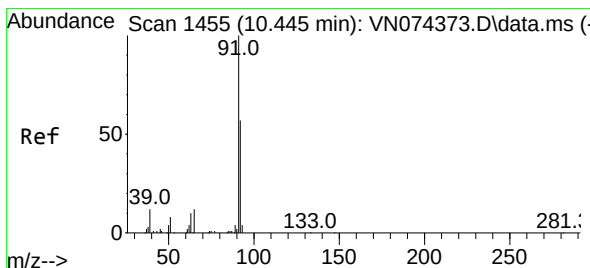
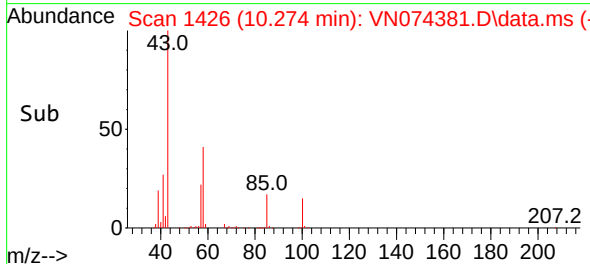
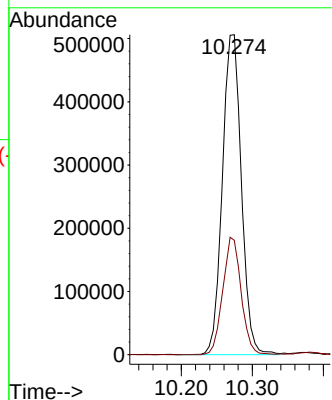
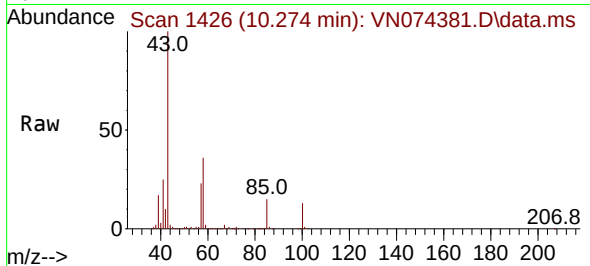
#51
4-Methyl-2-Pentanone
Concen: 97.467 ug/l
RT: 10.274 min Scan# 1426
Delta R.T. 0.006 min
Lab File: VN074381.D
Acq: 09 Sep 2022 18:31

Instrument :
MSVOA_N
ClientSampleId :
VN0909WBSD01

Tgt Ion: 43 Resp: 938315
Ion Ratio Lower Upper
43 100
58 35.5 29.0 43.6

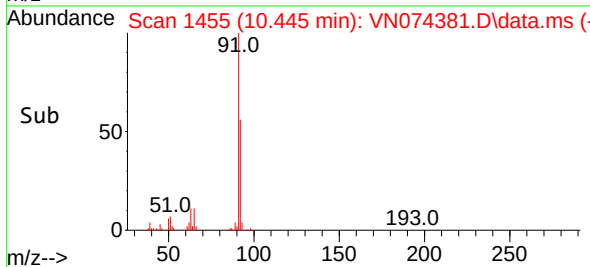
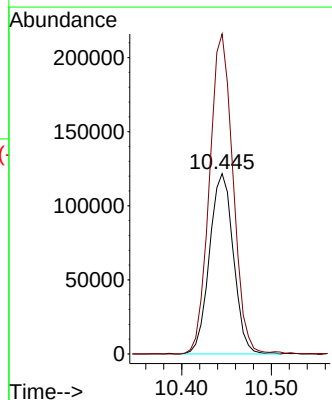
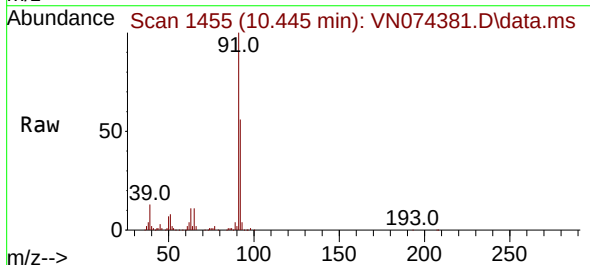
Manual Integrations
APPROVED

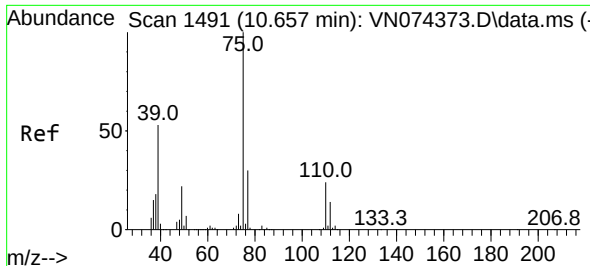
Reviewed By :John Carlone 09/12/2022
Supervised By :Mahesh Dadoda 09/12/2022



#52
Toluene
Concen: 19.135 ug/l
RT: 10.445 min Scan# 1455
Delta R.T. -0.000 min
Lab File: VN074381.D
Acq: 09 Sep 2022 18:31

Tgt Ion: 92 Resp: 224832
Ion Ratio Lower Upper
92 100
91 174.8 139.8 209.6





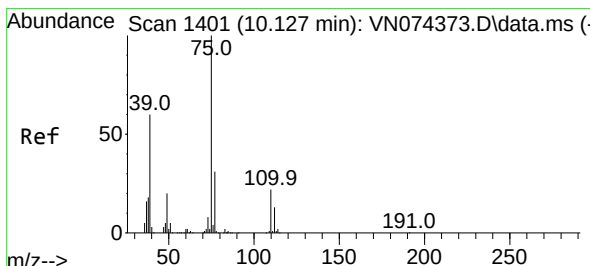
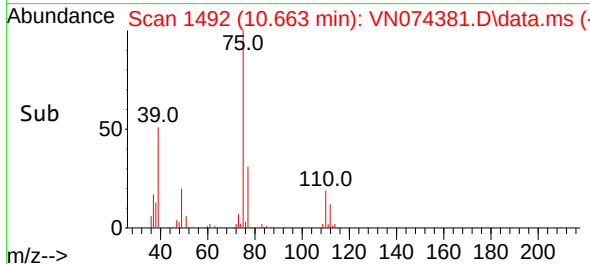
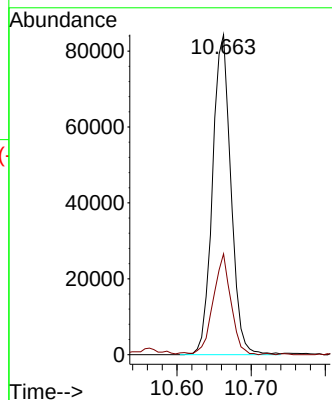
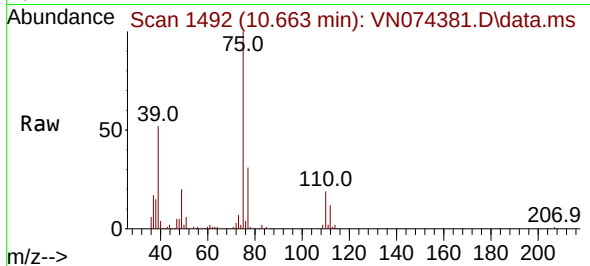
#53
t-1,3-Dichloropropene
Concen: 19.163 ug/l
RT: 10.663 min Scan# 1492
Delta R.T. 0.006 min
Lab File: VN074381.D
Acq: 09 Sep 2022 18:31

Instrument :
MSVOA_N
ClientSampleId :
VN0909WBSD01

Tgt Ion: 75 Resp: 14551
Ion Ratio Lower Upper
75 100
77 31.2 23.9 35.9

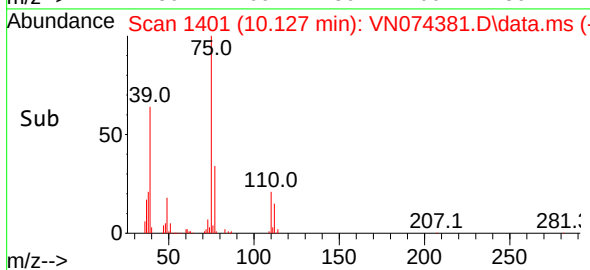
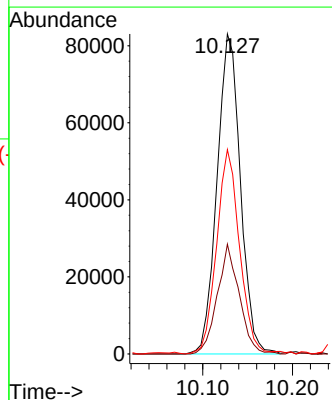
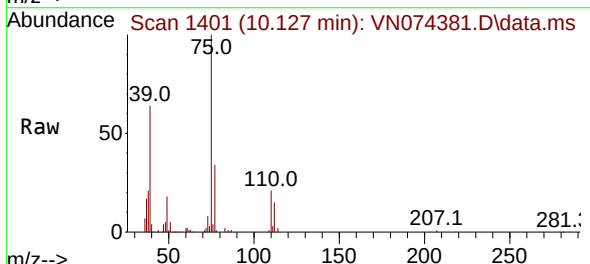
Manual Integrations
APPROVED

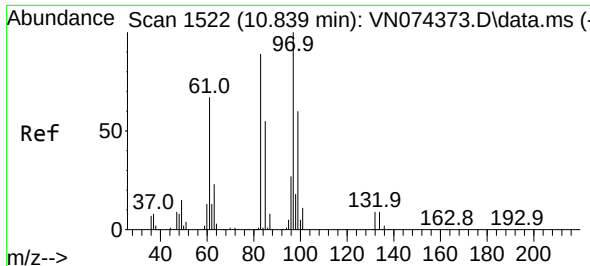
Reviewed By :John Carlone 09/12/2022
Supervised By :Mahesh Dadoda 09/12/2022



#54
cis-1,3-Dichloropropene
Concen: 18.566 ug/l
RT: 10.127 min Scan# 1401
Delta R.T. -0.000 min
Lab File: VN074381.D
Acq: 09 Sep 2022 18:31

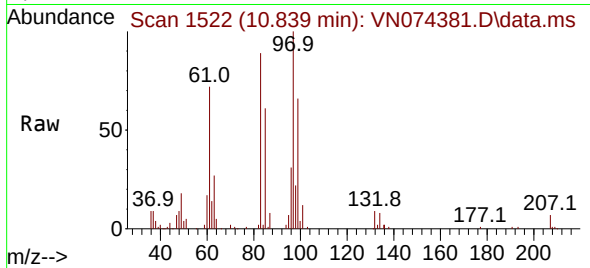
Tgt Ion: 75 Resp: 150287
Ion Ratio Lower Upper
75 100
77 34.3 24.5 36.7
39 63.6 48.0 72.0





#55
1,1,2-Trichloroethane
Concen: 18.676 ug/l
RT: 10.839 min Scan# 1522
Delta R.T. -0.000 min
Lab File: VN074381.D
Acq: 09 Sep 2022 18:31

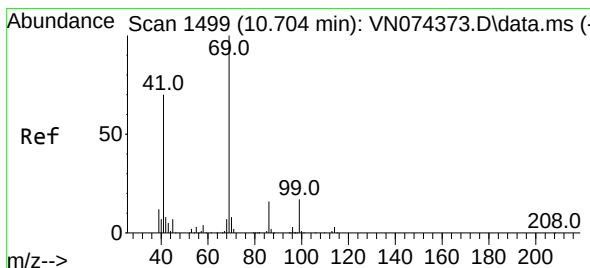
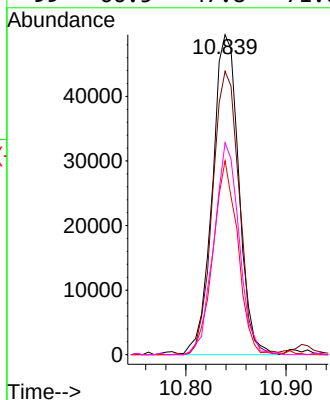
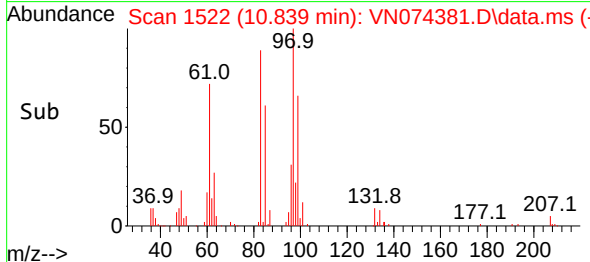
Instrument :
MSVOA_N
ClientSampleId :
VN0909WBSD01



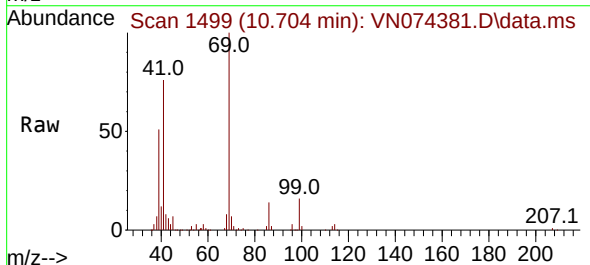
Tgt Ion	Ratio	Lower	Upper
97	100		
83	88.9	70.8	106.2
85	60.5	44.1	66.1
99	66.5	47.8	71.6

Manual Integrations
APPROVED

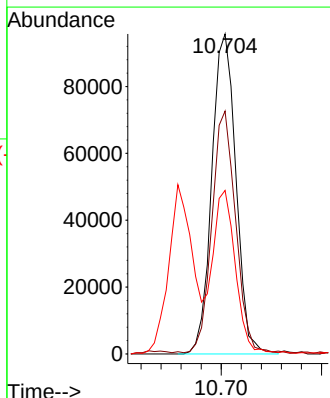
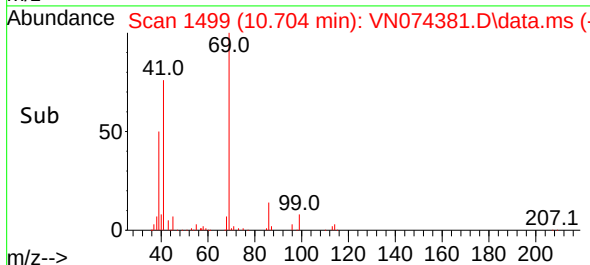
Reviewed By :John Carlone 09/12/2022
Supervised By :Mahesh Dadoda 09/12/2022

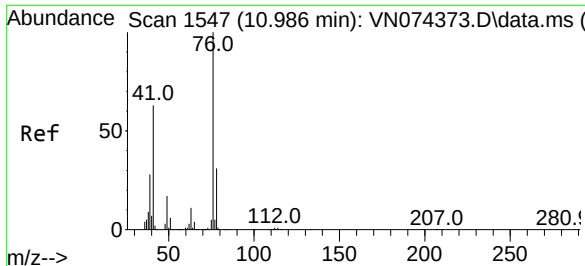


#56
Ethyl methacrylate
Concen: 19.395 ug/l
RT: 10.704 min Scan# 1499
Delta R.T. -0.000 min
Lab File: VN074381.D
Acq: 09 Sep 2022 18:31



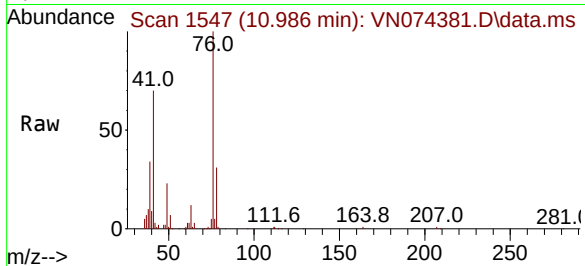
Tgt Ion	Ratio	Lower	Upper
69	100		
41	74.8	56.6	85.0
39	48.8	37.4	56.2





#57
1,3-Dichloropropane
Concen: 19.226 ug/l
RT: 10.986 min Scan# 1547
Delta R.T. -0.000 min
Lab File: VN074381.D
Acq: 09 Sep 2022 18:31

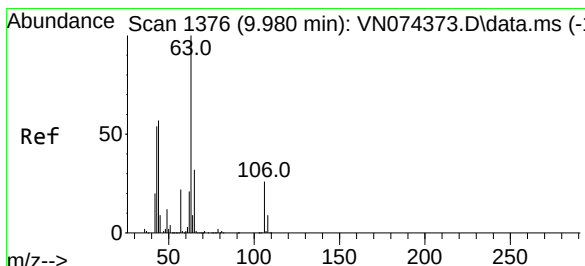
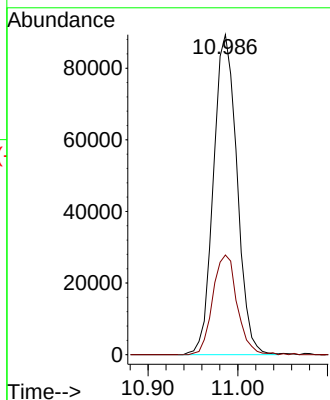
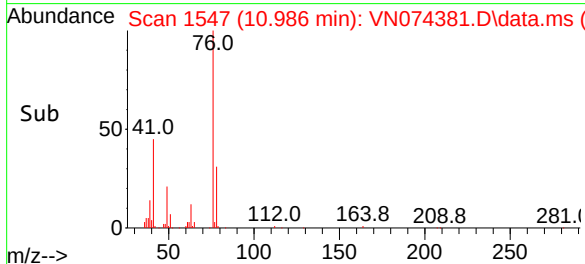
Instrument :
MSVOA_N
ClientSampleId :
VN0909WBSD01



Tgt Ion: 76 Resp: 16276
Ion Ratio Lower Upper
76 100
78 32.3 25.0 37.4

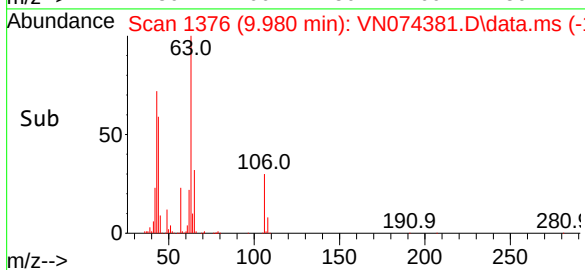
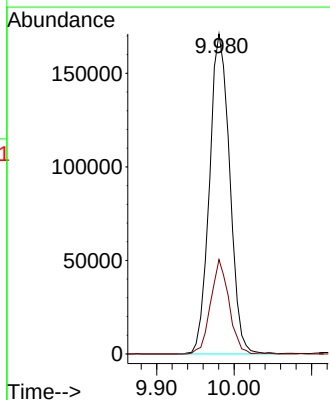
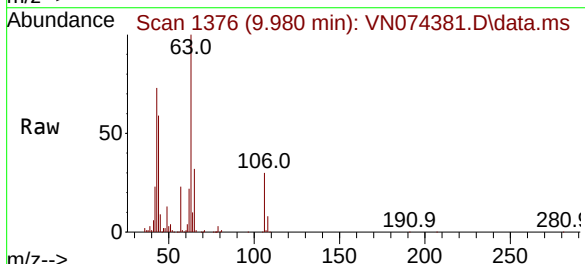
Manual Integrations
APPROVED

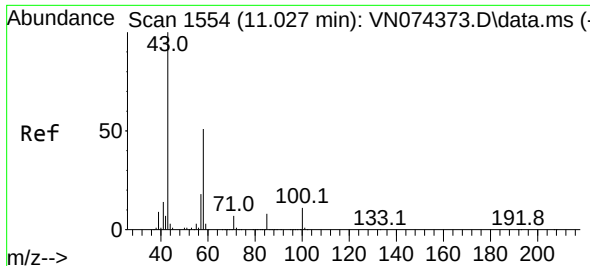
Reviewed By :John Carlone 09/12/2022
Supervised By :Mahesh Dadoda 09/12/2022



#58
2-Chloroethyl Vinyl ether
Concen: 81.031 ug/l
RT: 9.980 min Scan# 1376
Delta R.T. -0.000 min
Lab File: VN074381.D
Acq: 09 Sep 2022 18:31

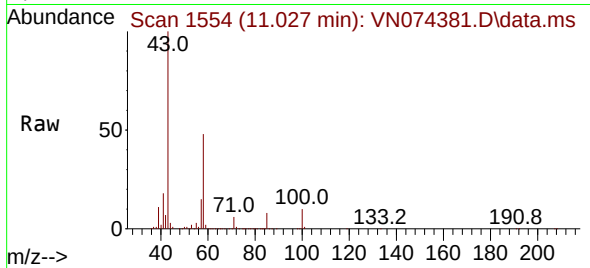
Tgt Ion: 63 Resp: 310193
Ion Ratio Lower Upper
63 100
106 26.8 21.1 31.7





#59
2-Hexanone
Concen: 100.230 ug/l
RT: 11.027 min Scan# 1554
Delta R.T. -0.000 min
Lab File: VN074381.D
Acq: 09 Sep 2022 18:31

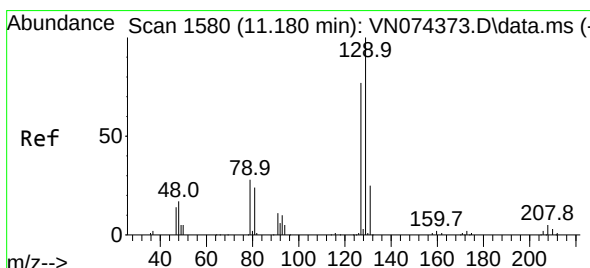
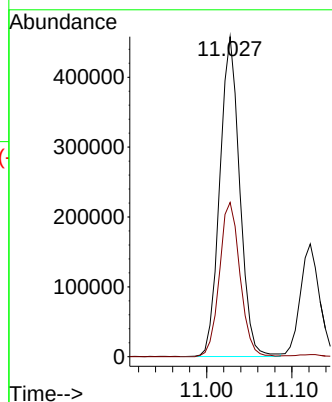
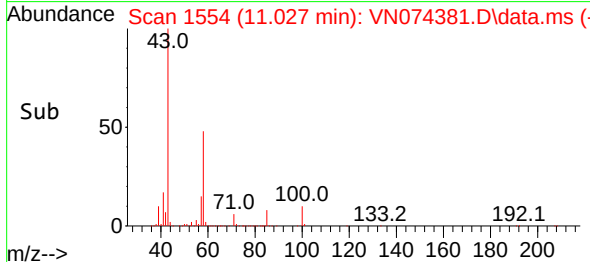
Instrument :
MSVOA_N
ClientSampleId :
VN0909WBSD01



Tgt Ion: 43 Resp: 744619
Ion Ratio Lower Upper
43 100
58 49.7 25.8 77.3

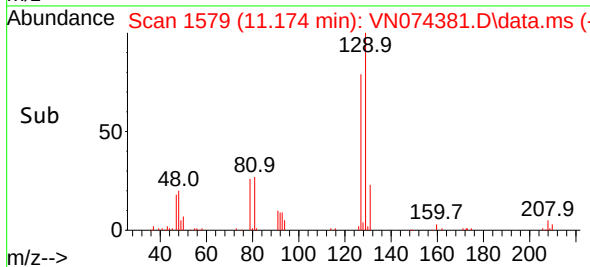
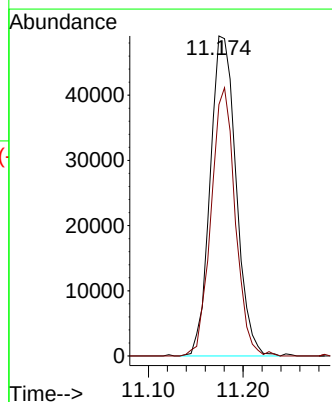
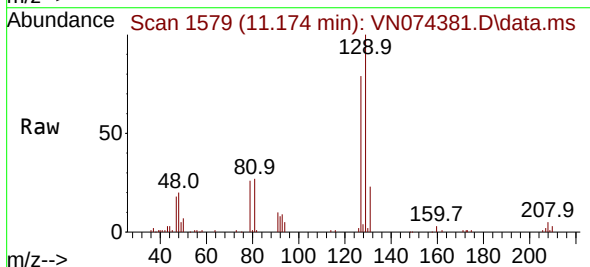
Manual Integrations
APPROVED

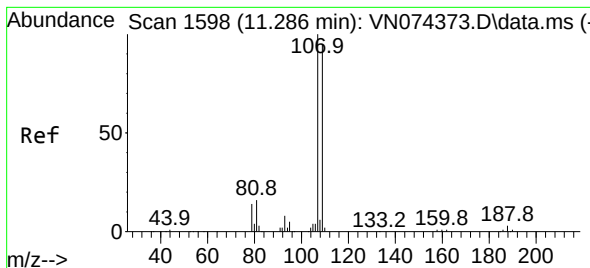
Reviewed By :John Carlone 09/12/2022
Supervised By :Mahesh Dadoda 09/12/2022



#60
Dibromochloromethane
Concen: 19.047 ug/l
RT: 11.174 min Scan# 1579
Delta R.T. -0.006 min
Lab File: VN074381.D
Acq: 09 Sep 2022 18:31

Tgt Ion:129 Resp: 93395
Ion Ratio Lower Upper
129 100
127 78.0 38.8 116.3





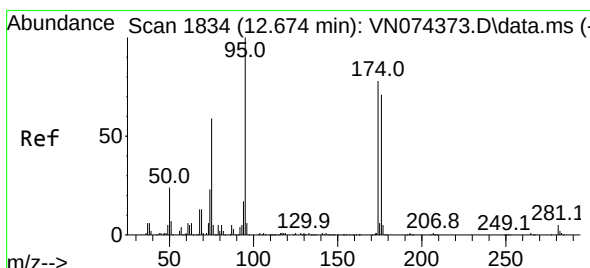
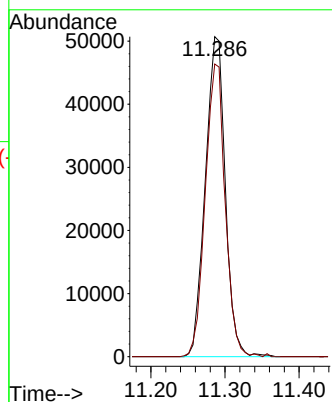
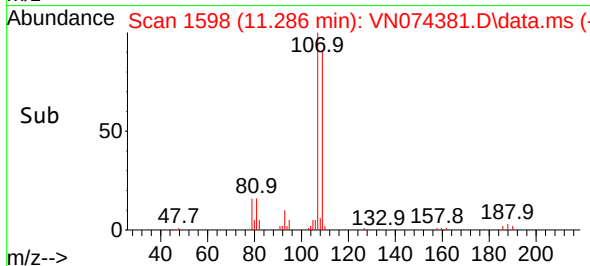
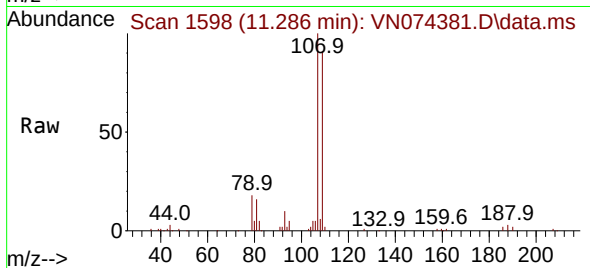
#61
1,2-Dibromoethane
Concen: 19.045 ug/l
RT: 11.286 min Scan# 1598
Delta R.T. -0.000 min
Lab File: VN074381.D
Acq: 09 Sep 2022 18:31

Instrument :
MSVOA_N
ClientSampleId :
VN0909WBSD01

Tgt Ion:107 Resp: 9489
Ion Ratio Lower Upper
107 100
109 91.2 75.0 112.4

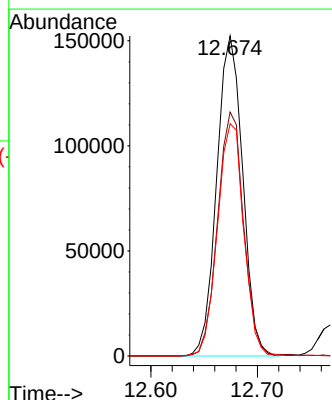
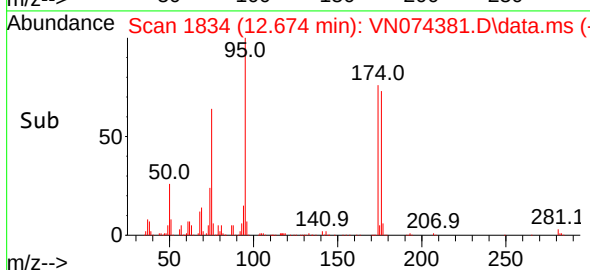
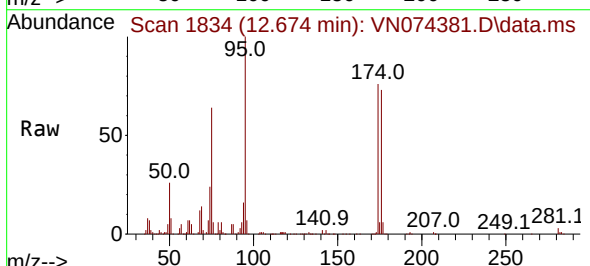
Manual Integrations
APPROVED

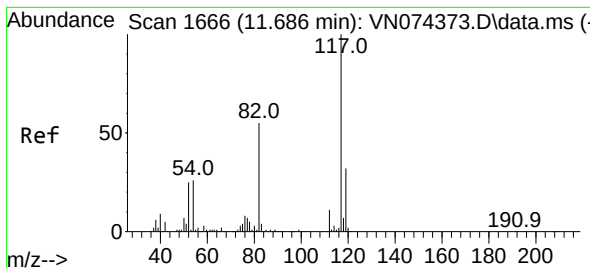
Reviewed By :John Carlone 09/12/2022
Supervised By :Mahesh Dadoda 09/12/2022



#62
4-Bromofluorobenzene
Concen: 48.315 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. -0.000 min
Lab File: VN074381.D
Acq: 09 Sep 2022 18:31

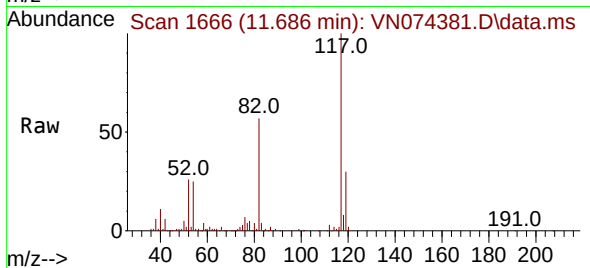
Tgt Ion: 95 Resp: 257446
Ion Ratio Lower Upper
95 100
174 76.5 0.0 150.6
176 73.6 0.0 143.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1166
Delta R.T. -0.000 min
Lab File: VN074381.D
Acq: 09 Sep 2022 18:31

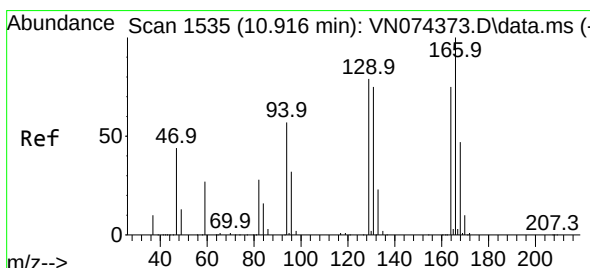
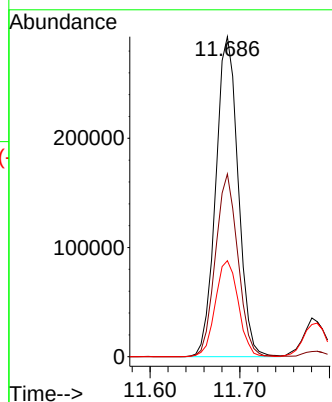
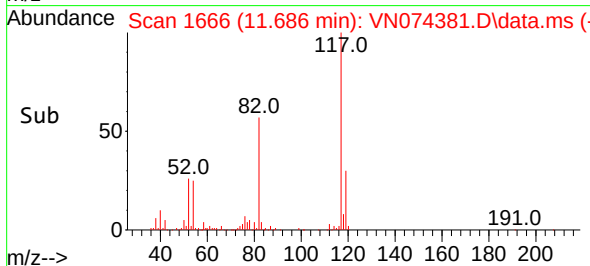
Instrument :
MSVOA_N
ClientSampleId :
VN0909WBSD01



Tgt Ion:117 Resp: 508392
Ion Ratio Lower Upper
117 100
82 57.1 44.3 66.5
119 30.0 25.5 38.3

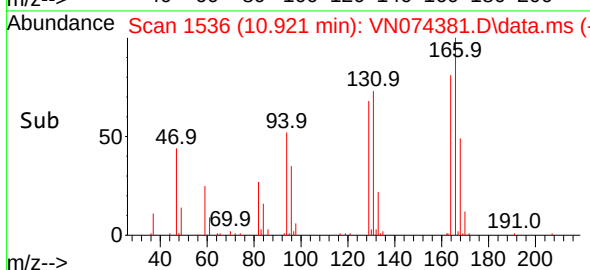
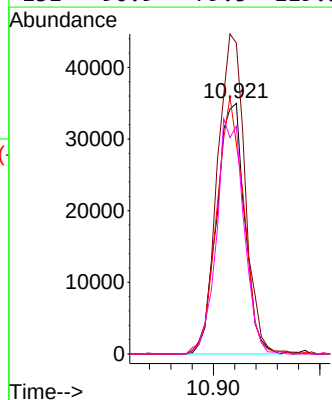
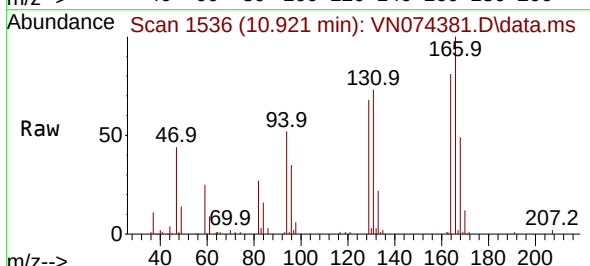
Manual Integrations
APPROVED

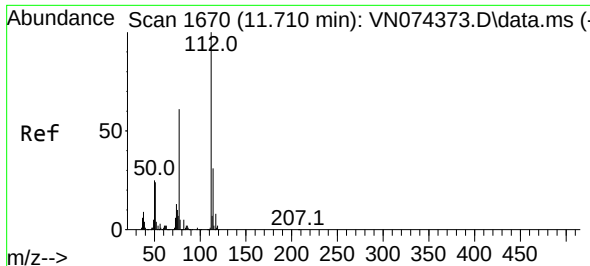
Reviewed By :John Carlone 09/12/2022
Supervised By :Mahesh Dadoda 09/12/2022



#64
Tetrachloroethene
Concen: 18.455 ug/l
RT: 10.921 min Scan# 1536
Delta R.T. 0.006 min
Lab File: VN074381.D
Acq: 09 Sep 2022 18:31

Tgt Ion:164 Resp: 63605
Ion Ratio Lower Upper
164 100
166 124.1 106.6 160.0
129 83.9 84.0 126.0#
131 90.9 79.5 119.3





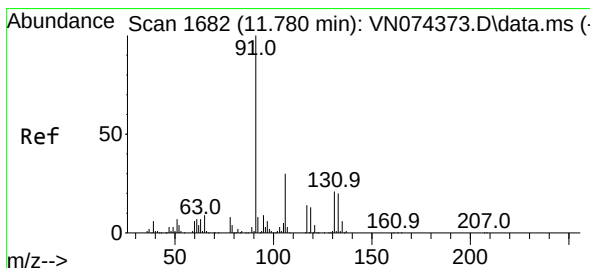
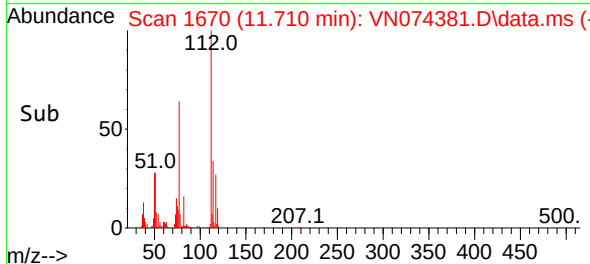
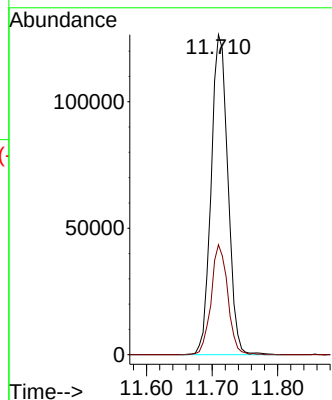
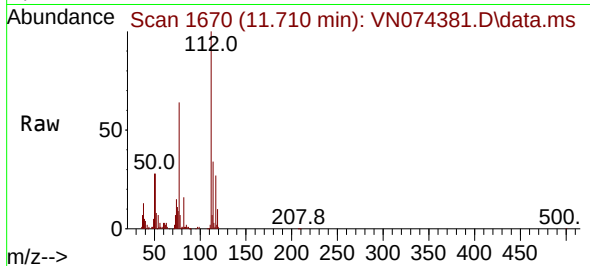
#65
Chlorobenzene
Concen: 18.298 ug/l
RT: 11.710 min Scan# 1670
Delta R.T. -0.000 min
Lab File: VN074381.D
Acq: 09 Sep 2022 18:31

Instrument :
MSVOA_N
ClientSampleId :
VN0909WBSD01

Tgt Ion:112 Resp: 224310
Ion Ratio Lower Upper
112 100
114 34.3 25.1 37.7

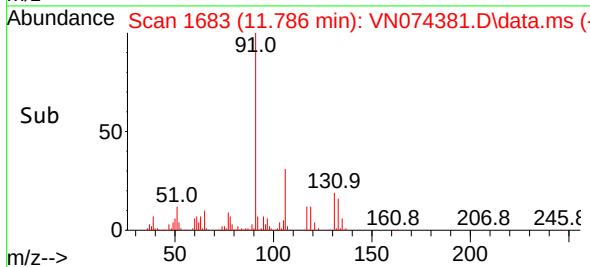
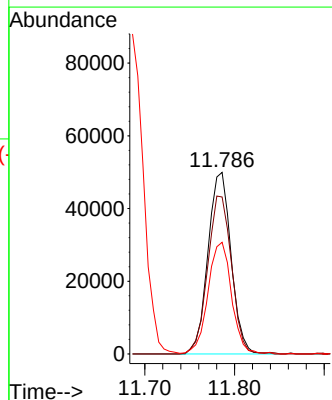
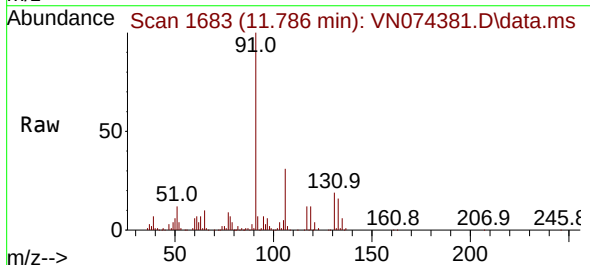
Manual Integrations
APPROVED

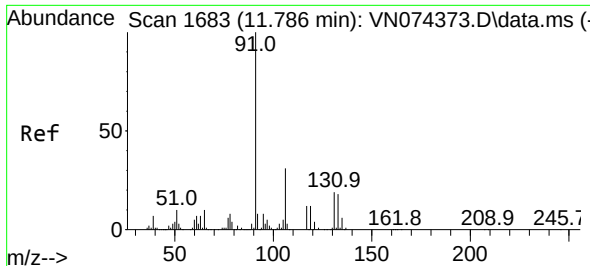
Reviewed By :John Carlone 09/12/2022
Supervised By :Mahesh Dadoda 09/12/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 18.665 ug/l
RT: 11.786 min Scan# 1683
Delta R.T. 0.006 min
Lab File: VN074381.D
Acq: 09 Sep 2022 18:31

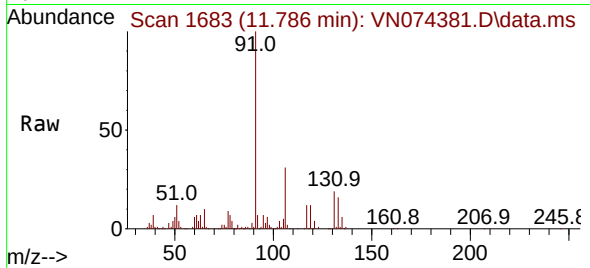
Tgt Ion:131 Resp: 89380
Ion Ratio Lower Upper
131 100
133 89.5 47.3 141.8
119 62.8 33.0 98.9





#67
Ethyl Benzene
Concen: 18.736 ug/l
RT: 11.786 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VN074381.D
Acq: 09 Sep 2022 18:31

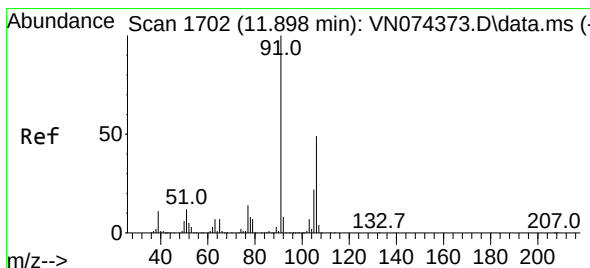
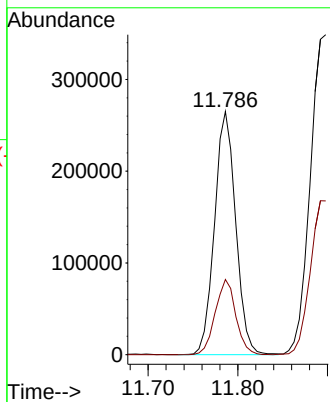
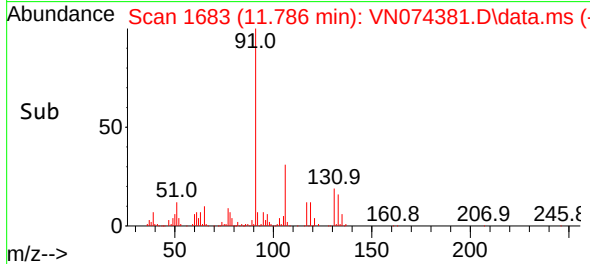
Instrument :
MSVOA_N
ClientSampleId :
VN0909WBSD01



Tgt Ion: 91 Resp: 43381
Ion Ratio Lower Upper
91 100
106 30.9 24.5 36.7

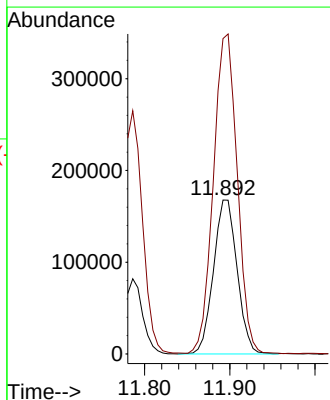
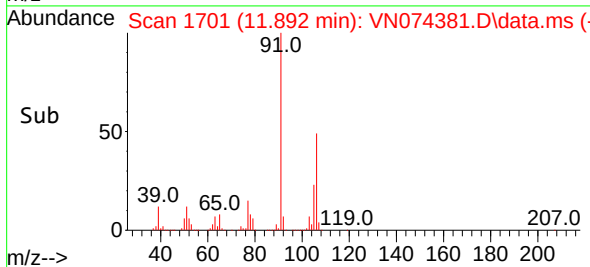
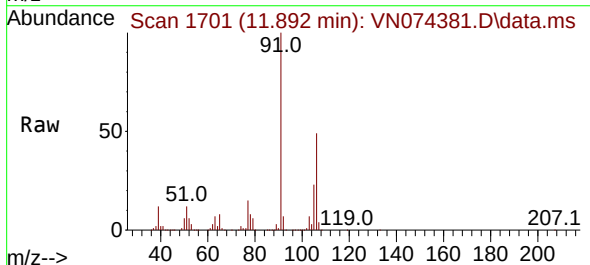
Manual Integrations
APPROVED

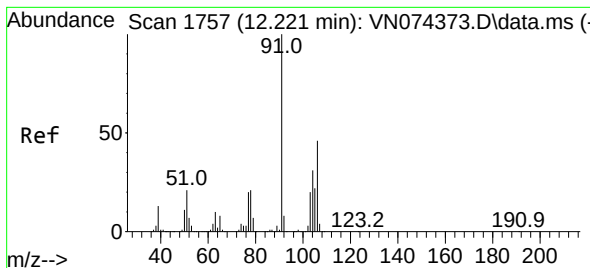
Reviewed By :John Carlone 09/12/2022
Supervised By :Mahesh Dadoda 09/12/2022



#68
m/p-Xylenes
Concen: 37.205 ug/l
RT: 11.892 min Scan# 1701
Delta R.T. -0.006 min
Lab File: VN074381.D
Acq: 09 Sep 2022 18:31

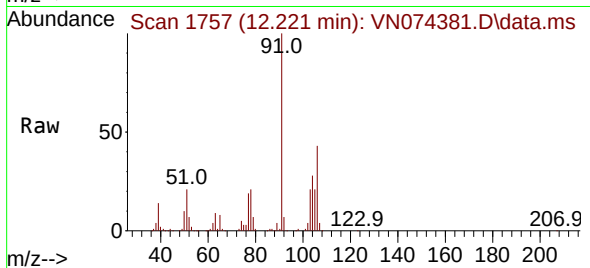
Tgt Ion:106 Resp: 323848
Ion Ratio Lower Upper
106 100
91 209.5 167.7 251.5





#69
o-Xylene
Concen: 18.412 ug/l
RT: 12.221 min Scan# 1757
Delta R.T. -0.000 min
Lab File: VN074381.D
Acq: 09 Sep 2022 18:31

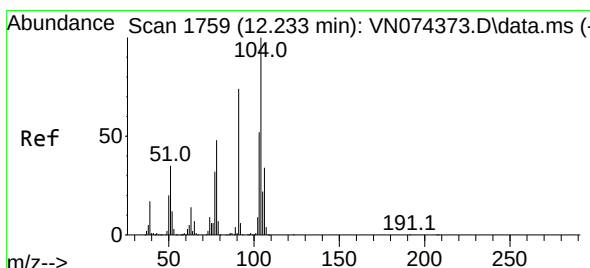
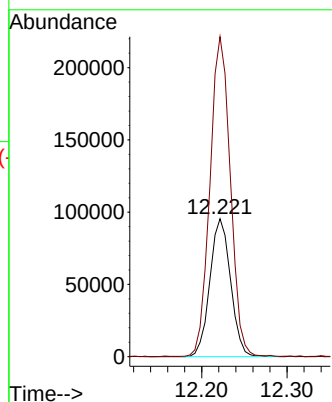
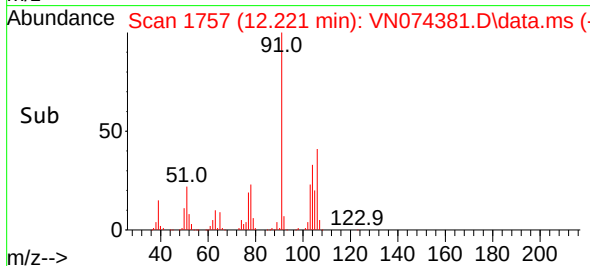
Instrument :
MSVOA_N
ClientSampleId :
VN0909WBSD01



Tgt Ion:106 Resp: 161092
Ion Ratio Lower Upper
106 100
91 228.0 109.4 328.2

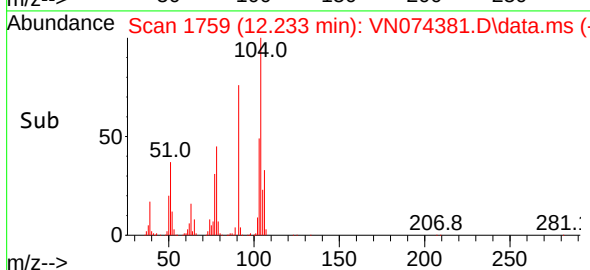
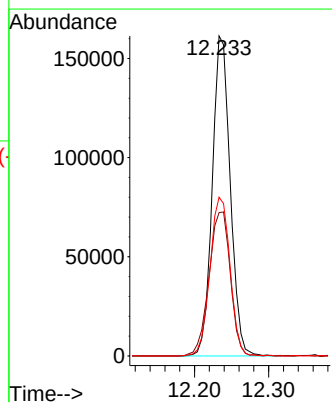
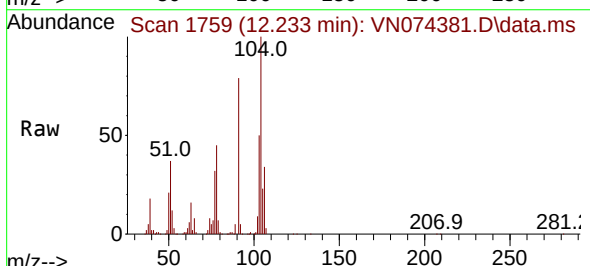
Manual Integrations
APPROVED

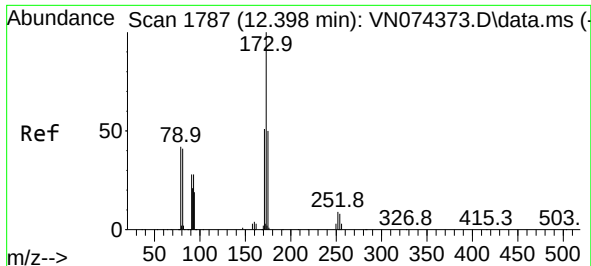
Reviewed By :John Carlone 09/12/2022
Supervised By :Mahesh Dadoda 09/12/2022



#70
Styrene
Concen: 19.495 ug/l
RT: 12.233 min Scan# 1759
Delta R.T. -0.000 min
Lab File: VN074381.D
Acq: 09 Sep 2022 18:31

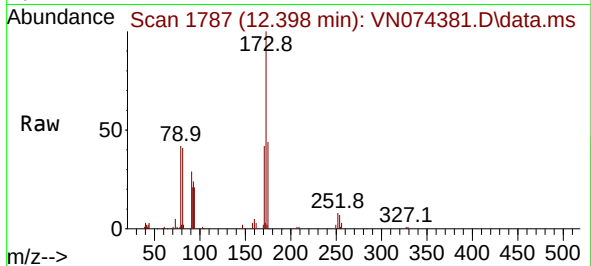
Tgt Ion:104 Resp: 271189
Ion Ratio Lower Upper
104 100
78 53.7 41.8 62.6
103 55.4 43.4 65.2





#71
Bromoform
Concen: 18.470 ug/l
RT: 12.398 min Scan# 1787
Delta R.T. -0.000 min
Lab File: VN074381.D
Acq: 09 Sep 2022 18:31

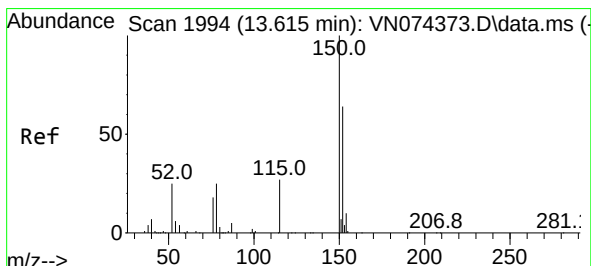
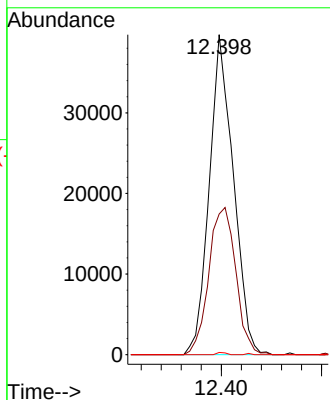
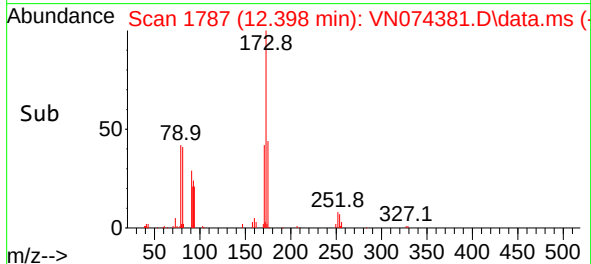
Instrument :
MSVOA_N
ClientSampleId :
VN0909WBSD01



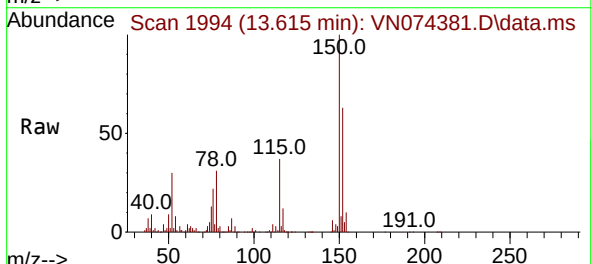
Tgt Ion:173 Resp: 6624
Ion Ratio Lower Upper
173 100
175 51.6 24.1 72.3
254 0.3 0.0 0.0

Manual Integrations
APPROVED

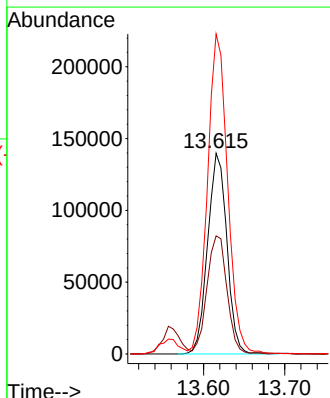
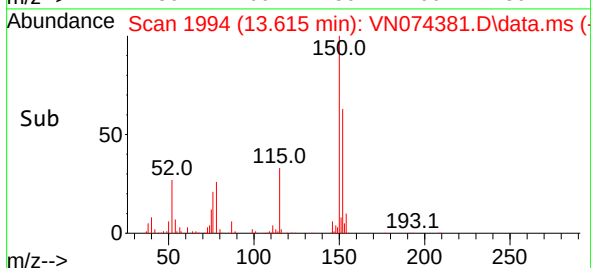
Reviewed By :John Carlone 09/12/2022
Supervised By :Mahesh Dadoda 09/12/2022

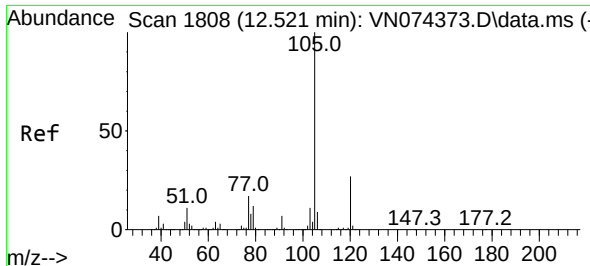


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.615 min Scan# 1994
Delta R.T. 0.000 min
Lab File: VN074381.D
Acq: 09 Sep 2022 18:31



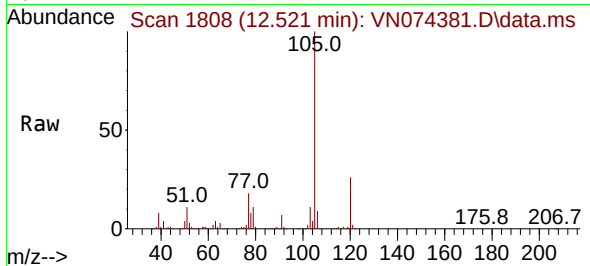
Tgt Ion:152 Resp: 230451
Ion Ratio Lower Upper
152 100
115 61.0 32.0 96.0
150 166.5 0.0 359.6





#73
Isopropylbenzene
Concen: 19.015 ug/l
RT: 12.521 min Scan# 1808
Delta R.T. -0.000 min
Lab File: VN074381.D
Acq: 09 Sep 2022 18:31

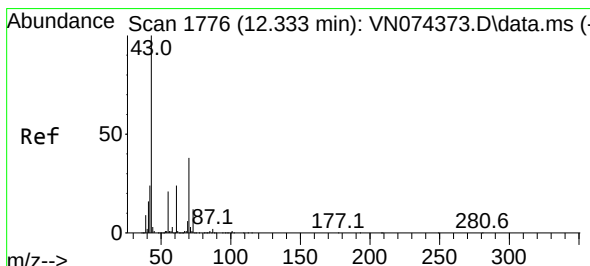
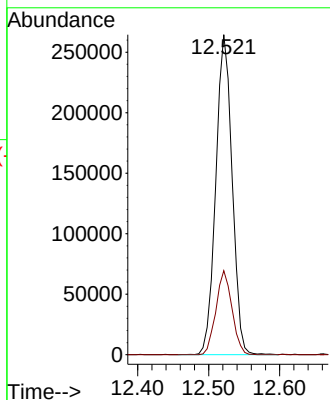
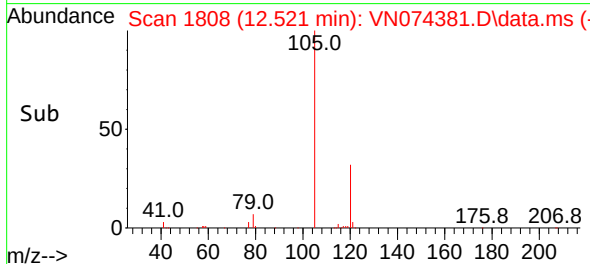
Instrument :
MSVOA_N
ClientSampleId :
VN0909WBSD01



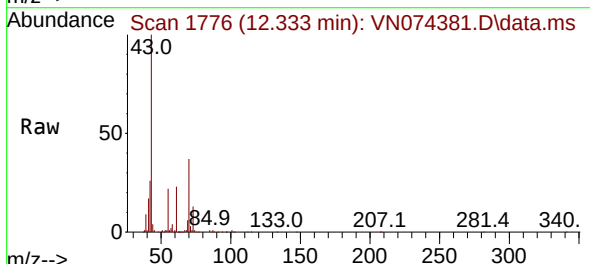
Tgt Ion:105 Resp: 42101
Ion Ratio Lower Upper
105 100
120 25.7 13.4 40.1

Manual Integrations
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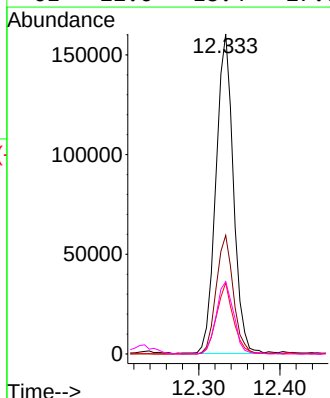
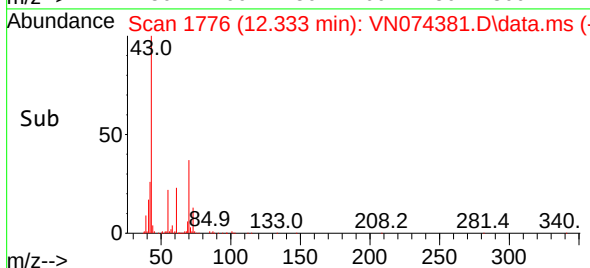
Reviewed By :John Carlone 09/12/2022
Supervised By :Mahesh Dadoda 09/12/2022

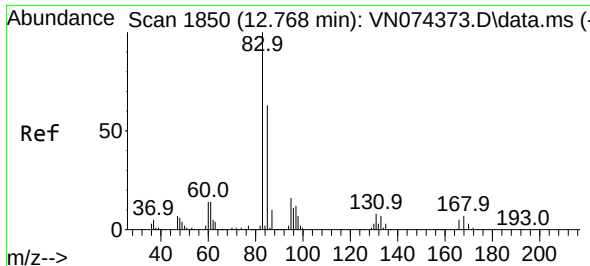


#74
N-ethyl acetate
Concen: 20.428 ug/l
RT: 12.333 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN074381.D
Acq: 09 Sep 2022 18:31



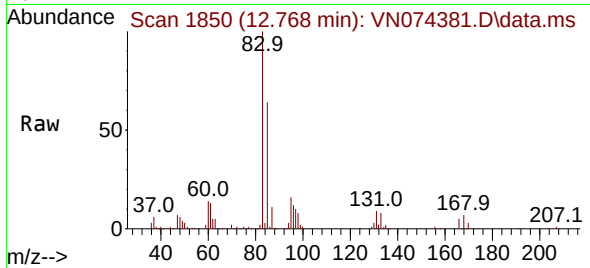
Tgt Ion: 43 Resp: 240087
Ion Ratio Lower Upper
43 100
70 36.5 31.4 47.0
55 21.5 17.0 25.6
61 22.6 18.4 27.6





#75
1,1,2,2-Tetrachloroethane
Concen: 19.317 ug/l
RT: 12.768 min Scan# 1850
Delta R.T. -0.000 min
Lab File: VN074381.D
Acq: 09 Sep 2022 18:31

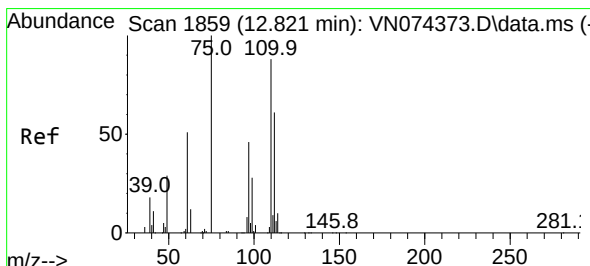
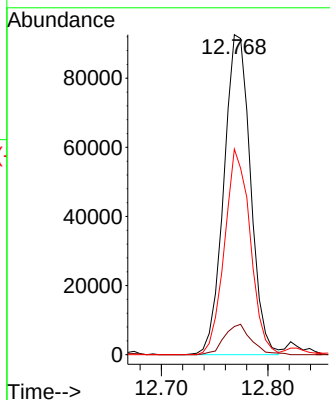
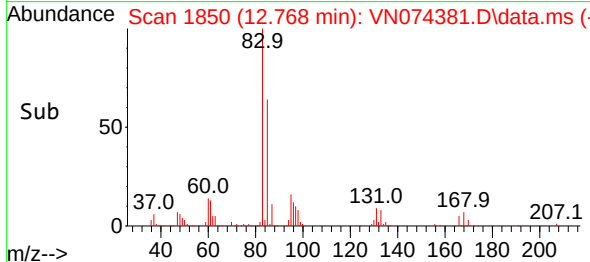
Instrument :
MSVOA_N
ClientSampleId :
VN0909WBSD01



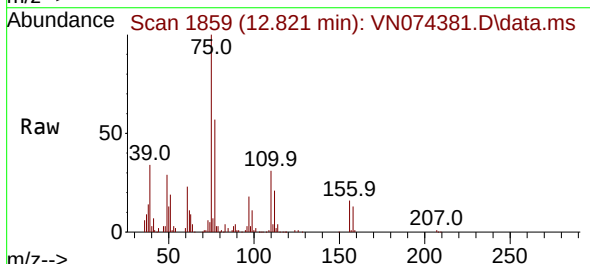
Tgt Ion: 83 Resp: 160735
Ion Ratio Lower Upper
83 100
131 9.6 4.5 13.7
85 62.1 32.3 96.8

Manual Integrations
APPROVED

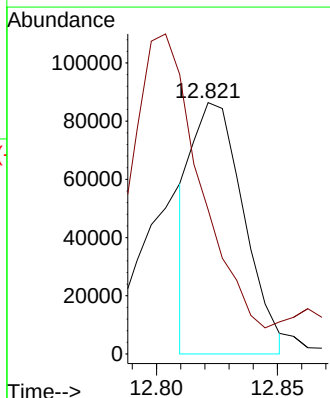
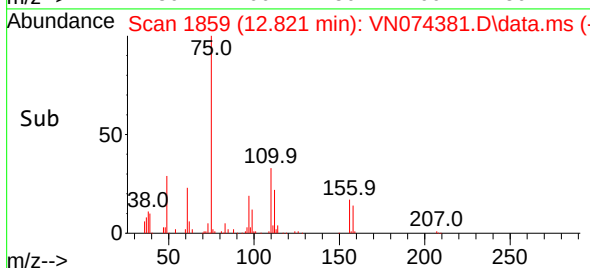
Reviewed By :John Carlone 09/12/2022
Supervised By :Mahesh Dadoda 09/12/2022

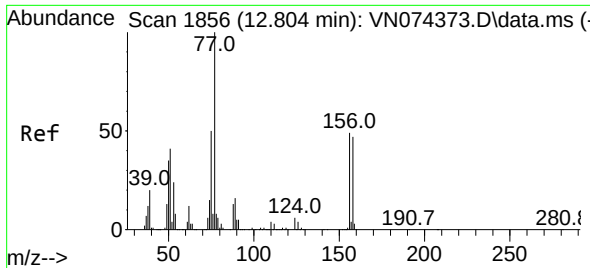


#76
1,2,3-Trichloropropane
Concen: 21.410 ug/l m
RT: 12.821 min Scan# 1859
Delta R.T. -0.000 min
Lab File: VN074381.D
Acq: 09 Sep 2022 18:31



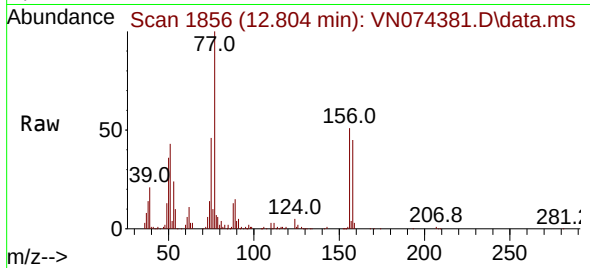
Tgt Ion: 75 Resp: 128984
Ion Ratio Lower Upper
75 100
77 178.1 78.9 236.7





#77
Bromobenzene
Concen: 19.748 ug/l
RT: 12.804 min Scan# 1856
Delta R.T. -0.000 min
Lab File: VN074381.D
Acq: 09 Sep 2022 18:31

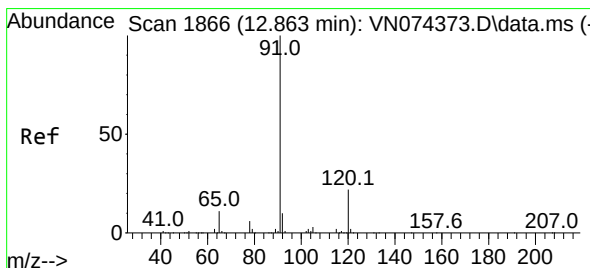
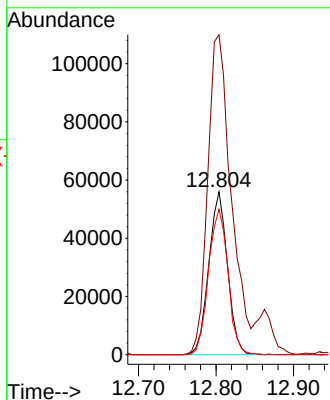
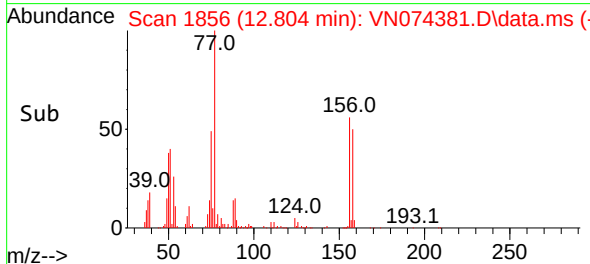
Instrument :
MSVOA_N
ClientSampleId :
VN0909WBSD01



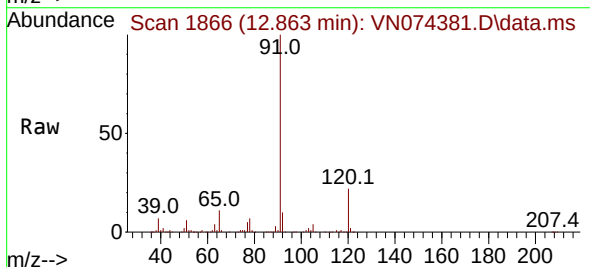
Tgt Ion: 156 Resp: 9386
Ion Ratio Lower Upper
156 100
77 244.7 124.4 373.1
158 92.9 49.2 147.6

Manual Integrations
APPROVED

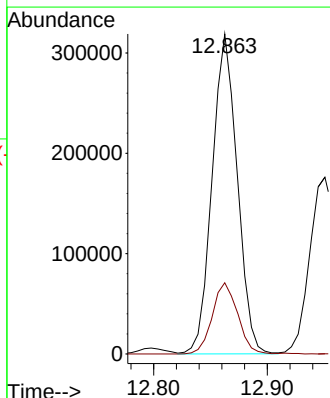
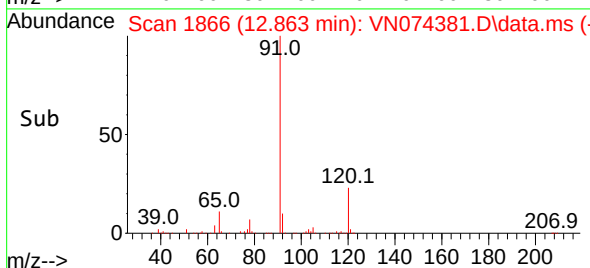
Reviewed By :John Carlone 09/12/2022
Supervised By :Mahesh Dadoda 09/12/2022

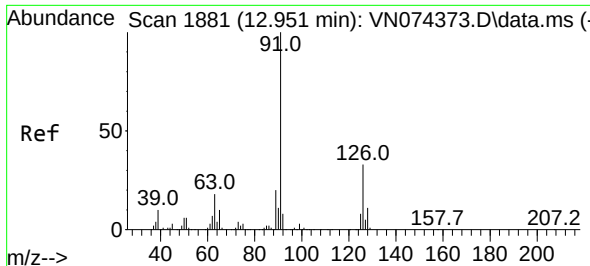


#78
n-propylbenzene
Concen: 19.309 ug/l
RT: 12.863 min Scan# 1866
Delta R.T. -0.000 min
Lab File: VN074381.D
Acq: 09 Sep 2022 18:31



Tgt Ion: 91 Resp: 489762
Ion Ratio Lower Upper
91 100
120 22.4 11.1 33.1





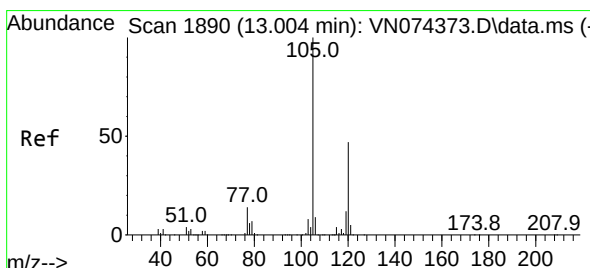
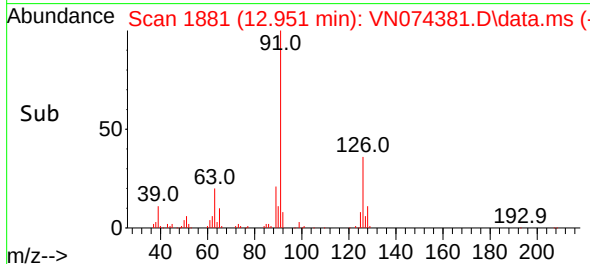
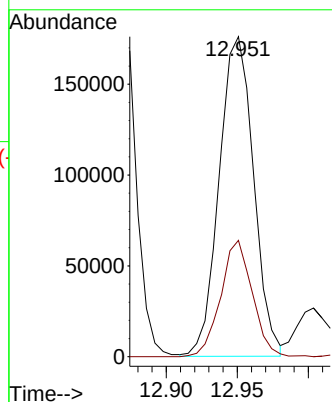
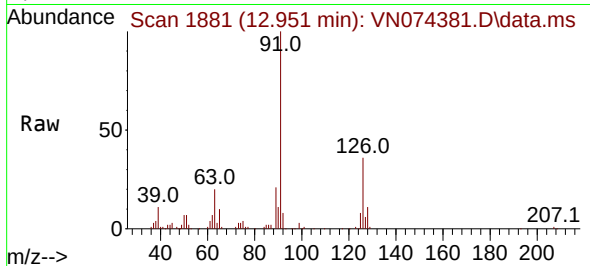
#79
2-Chlorotoluene
Concen: 19.203 ug/l
RT: 12.951 min Scan# 1881
Delta R.T. -0.000 min
Lab File: VN074381.D
Acq: 09 Sep 2022 18:31

Instrument :
MSVOA_N
ClientSampleId :
VN0909WBSD01

Tgt Ion: 91 Resp: 296962
Ion Ratio Lower Upper
91 100
126 33.4 16.2 48.5

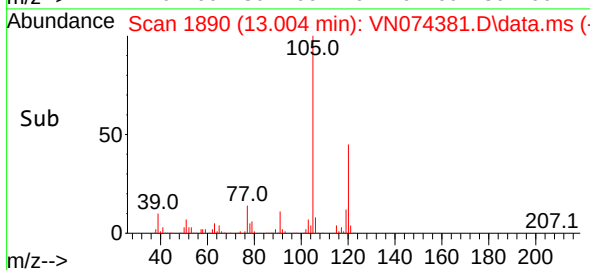
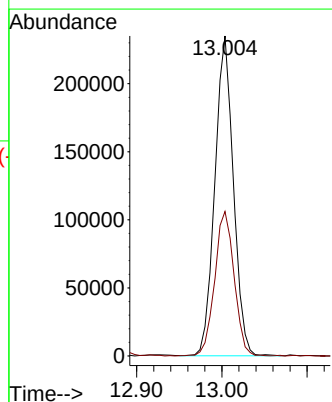
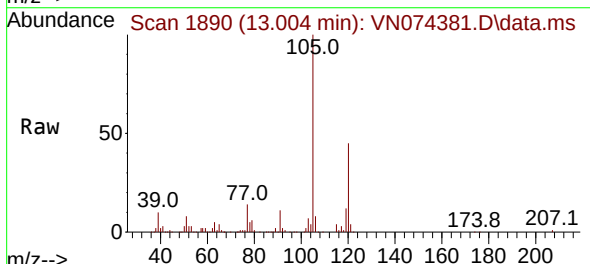
Manual Integrations
APPROVED

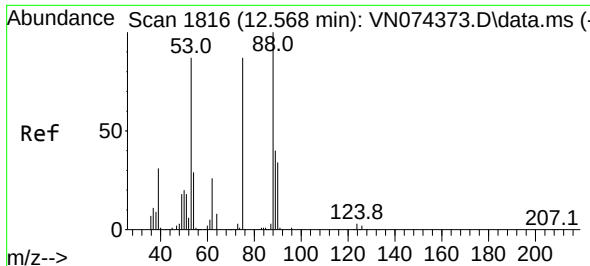
Reviewed By :John Carlone 09/12/2022
Supervised By :Mahesh Dadoda 09/12/2022



#80
1,3,5-Trimethylbenzene
Concen: 19.309 ug/l
RT: 13.004 min Scan# 1890
Delta R.T. -0.000 min
Lab File: VN074381.D
Acq: 09 Sep 2022 18:31

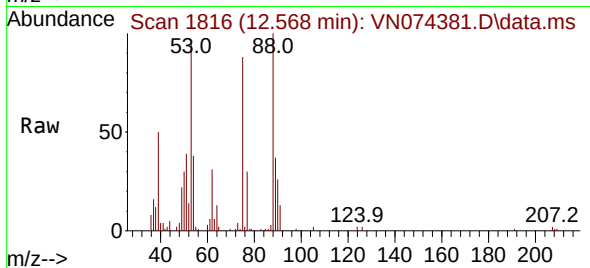
Tgt Ion:105 Resp: 354686
Ion Ratio Lower Upper
105 100
120 47.4 23.8 71.4





#81
trans-1,4-Dichloro-2-butene
Concen: 18.813 ug/l
RT: 12.568 min Scan# 1816
Delta R.T. -0.000 min
Lab File: VN074381.D
Acq: 09 Sep 2022 18:31

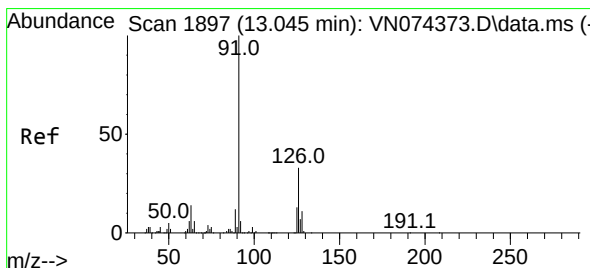
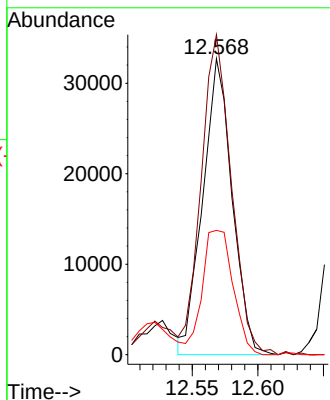
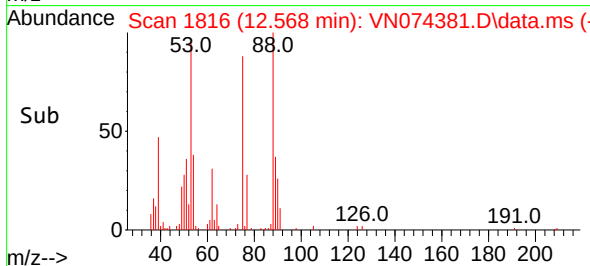
Instrument :
MSVOA_N
ClientSampleId :
VN0909WBSD01



Tgt Ion: 75 Resp: 50840
Ion Ratio Lower Upper
75 100
53 111.8 82.2 123.2
89 44.0 37.7 56.5

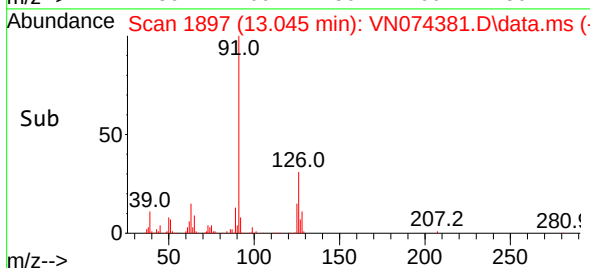
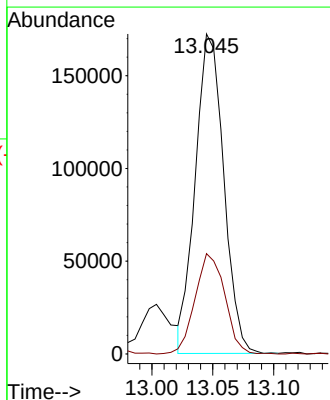
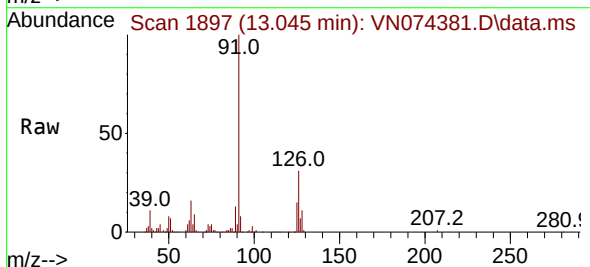
Manual Integrations
APPROVED

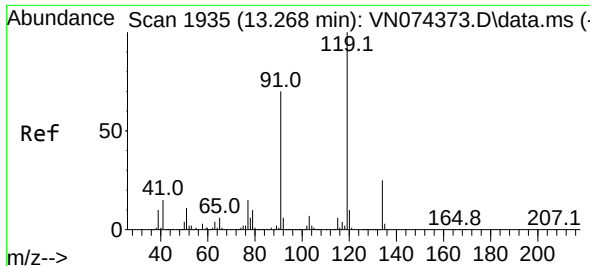
Reviewed By :John Carlone 09/12/2022
Supervised By :Mahesh Dadoda 09/12/2022



#82
4-Chlorotoluene
Concen: 18.758 ug/l
RT: 13.045 min Scan# 1897
Delta R.T. -0.000 min
Lab File: VN074381.D
Acq: 09 Sep 2022 18:31

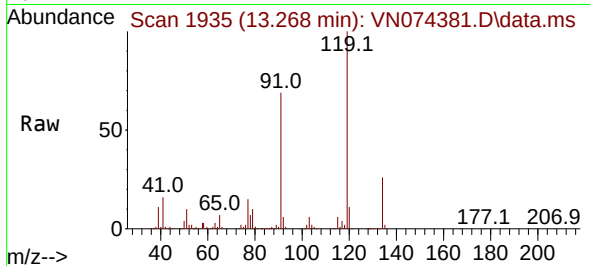
Tgt Ion: 91 Resp: 279894
Ion Ratio Lower Upper
91 100
126 32.9 16.4 49.1





#83
tert-Butylbenzene
Concen: 18.899 ug/l
RT: 13.268 min Scan# 1935
Delta R.T. -0.000 min
Lab File: VN074381.D
Acq: 09 Sep 2022 18:31

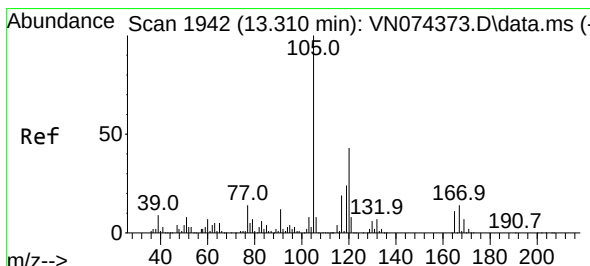
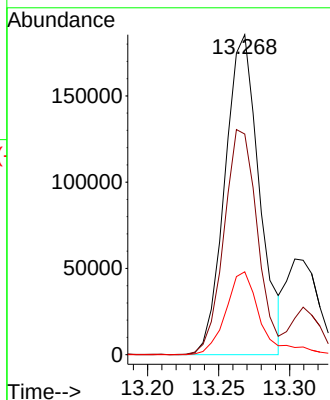
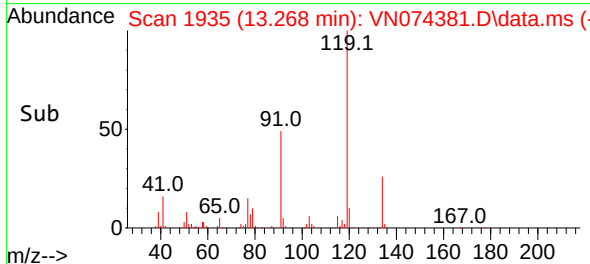
Instrument :
MSVOA_N
ClientSampleId :
VN0909WBSD01



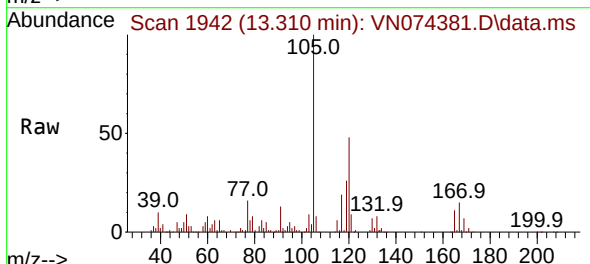
Tgt Ion:119 Resp: 312544
Ion Ratio Lower Upper
119 100
91 68.5 33.8 101.3
134 26.3 13.1 39.3

Manual Integrations
APPROVED

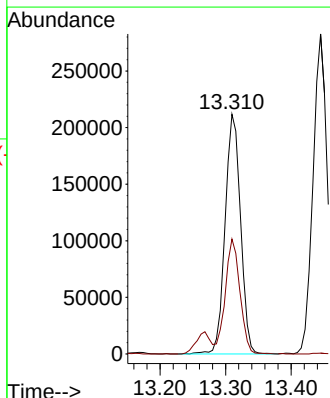
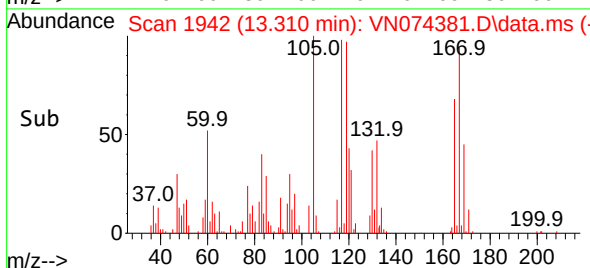
Reviewed By :John Carlone 09/12/2022
Supervised By :Mahesh Dadoda 09/12/2022

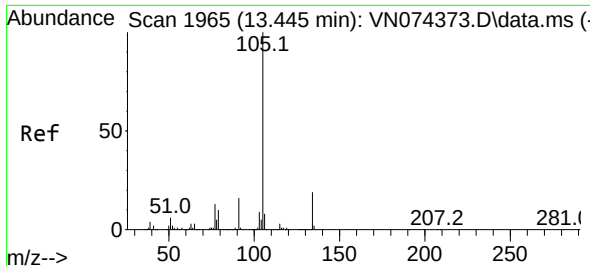


#84
1,2,4-Trimethylbenzene
Concen: 19.067 ug/l
RT: 13.310 min Scan# 1942
Delta R.T. -0.000 min
Lab File: VN074381.D
Acq: 09 Sep 2022 18:31



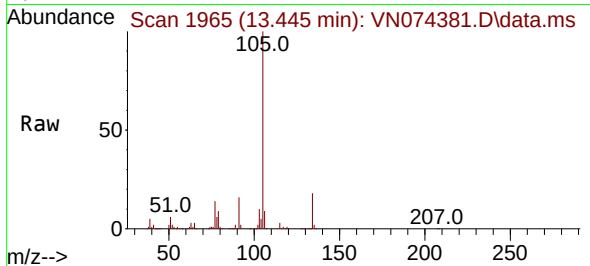
Tgt Ion:105 Resp: 347149
Ion Ratio Lower Upper
105 100
120 45.7 21.9 65.8





#85
 sec-Butylbenzene
 Concen: 19.245 ug/l
 RT: 13.445 min Scan# 1965
 Delta R.T. -0.000 min
 Lab File: VN074381.D
 Acq: 09 Sep 2022 18:31

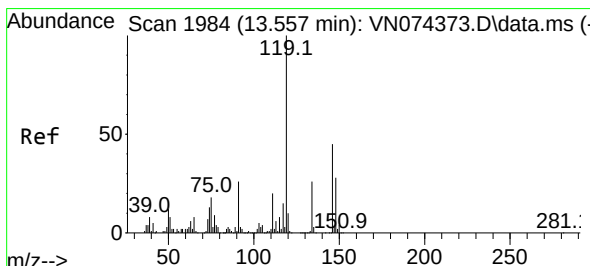
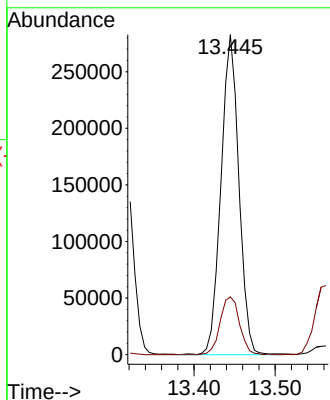
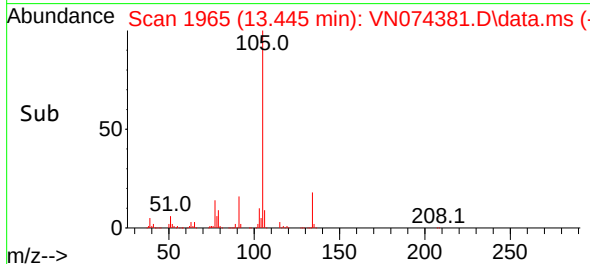
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0909WBSD01



Tgt Ion:105 Resp: 433124
 Ion Ratio Lower Upper
 105 100
 134 19.6 9.7 28.9

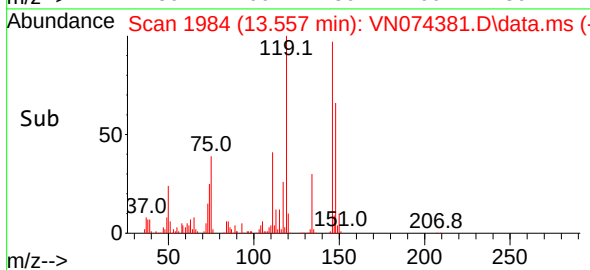
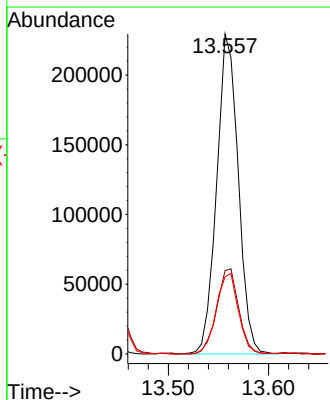
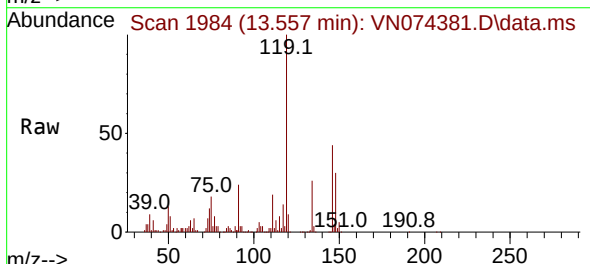
Manual Integrations
 APPROVED

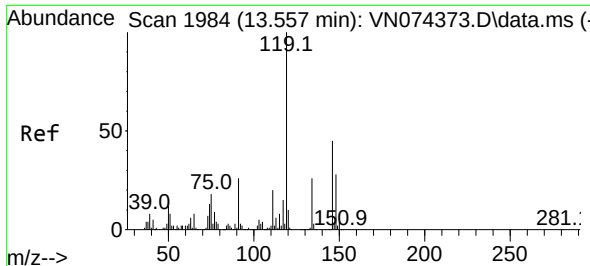
Reviewed By :John Carlone 09/12/2022
 Supervised By :Mahesh Dadoda 09/12/2022



#86
 p-Isopropyltoluene
 Concen: 19.021 ug/l
 RT: 13.557 min Scan# 1984
 Delta R.T. -0.000 min
 Lab File: VN074381.D
 Acq: 09 Sep 2022 18:31

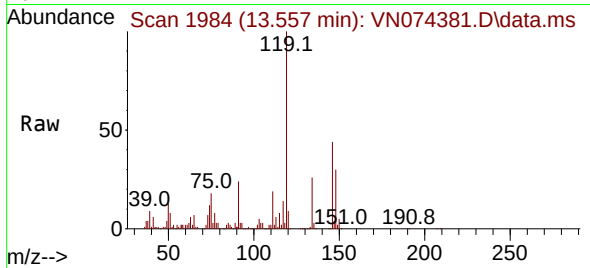
Tgt Ion:119 Resp: 342638
 Ion Ratio Lower Upper
 119 100
 134 27.2 13.0 38.9
 91 26.0 13.1 39.3





#87
1,3-Dichlorobenzene
Concen: 18.958 ug/l
RT: 13.557 min Scan# 1984
Delta R.T. -0.000 min
Lab File: VN074381.D
Acq: 09 Sep 2022 18:31

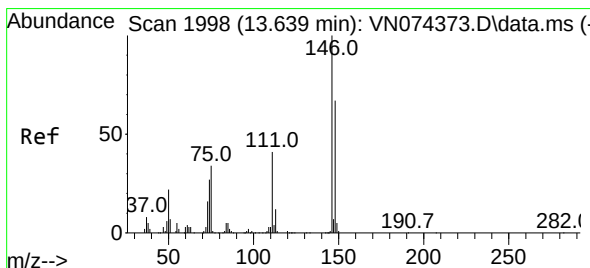
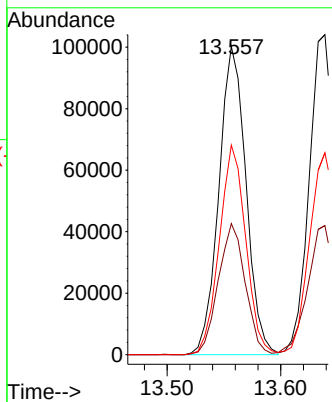
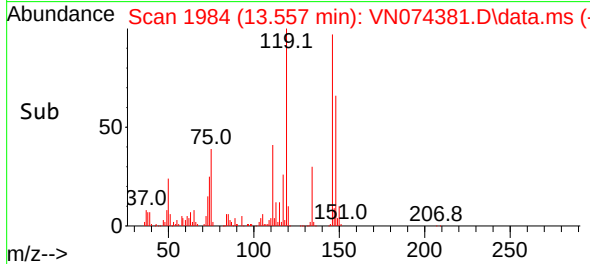
Instrument :
MSVOA_N
ClientSampleId :
VN0909WBSD01



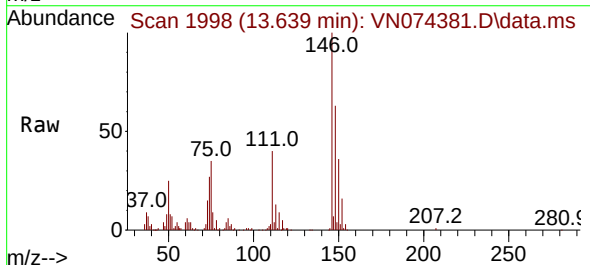
Tgt Ion:146 Resp: 166599
Ion Ratio Lower Upper
146 100
111 42.2 21.5 64.5
148 66.2 32.0 96.0

Manual Integrations
APPROVED

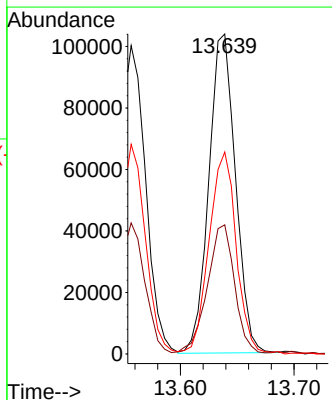
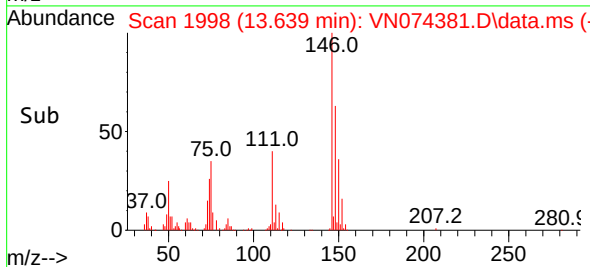
Reviewed By :John Carlone 09/12/2022
Supervised By :Mahesh Dadoda 09/12/2022

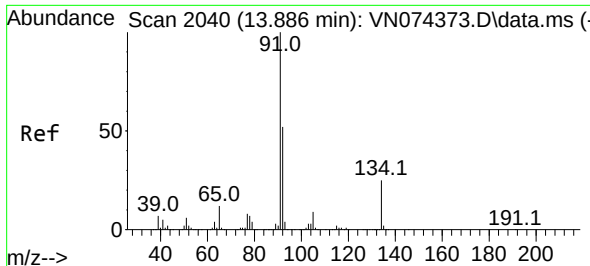


#88
1,4-Dichlorobenzene
Concen: 19.081 ug/l
RT: 13.639 min Scan# 1998
Delta R.T. -0.000 min
Lab File: VN074381.D
Acq: 09 Sep 2022 18:31



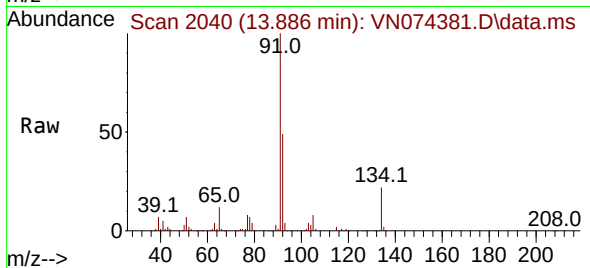
Tgt Ion:146 Resp: 169392
Ion Ratio Lower Upper
146 100
111 40.9 20.8 62.2
148 64.2 32.1 96.5





#89
n-Butylbenzene
Concen: 19.565 ug/l
RT: 13.886 min Scan# 2040
Delta R.T. -0.000 min
Lab File: VN074381.D
Acq: 09 Sep 2022 18:31

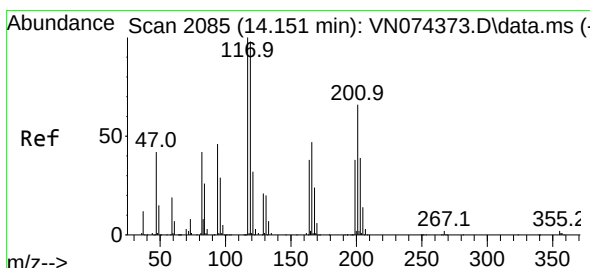
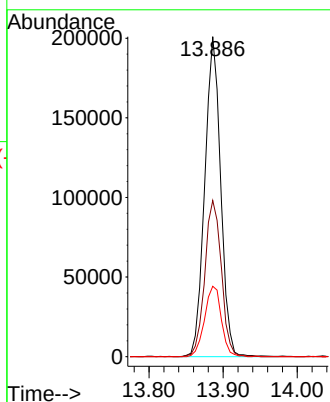
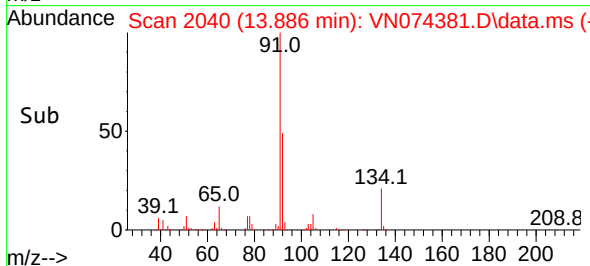
Instrument :
MSVOA_N
ClientSampleId :
VN0909WBSD01



Tgt Ion: 91 Resp: 29991
Ion Ratio Lower Upper
91 100
92 50.8 25.8 77.4
134 23.2 12.4 37.0

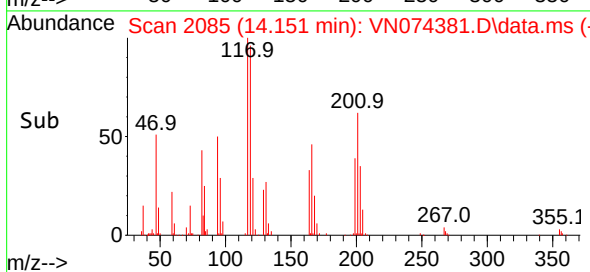
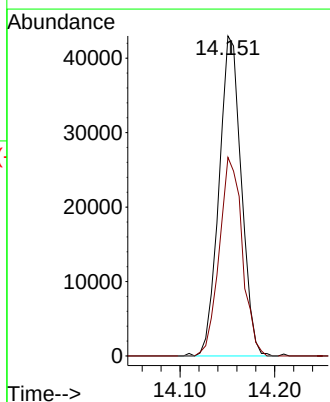
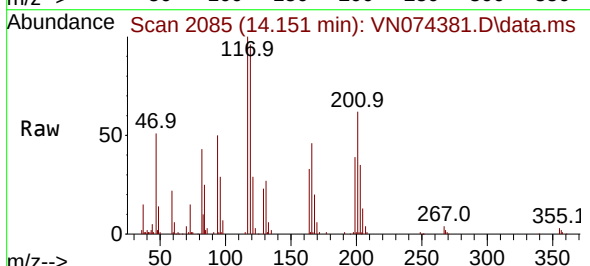
Manual Integrations
APPROVED

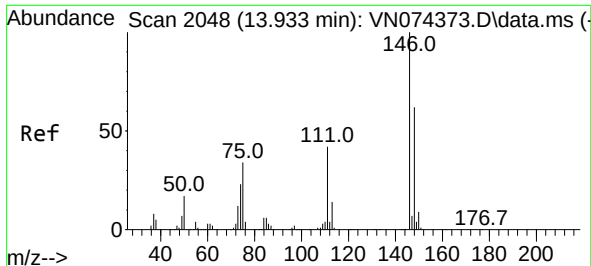
Reviewed By :John Carlone 09/12/2022
Supervised By :Mahesh Dadoda 09/12/2022



#90
Hexachloroethane
Concen: 18.496 ug/l
RT: 14.151 min Scan# 2085
Delta R.T. -0.000 min
Lab File: VN074381.D
Acq: 09 Sep 2022 18:31

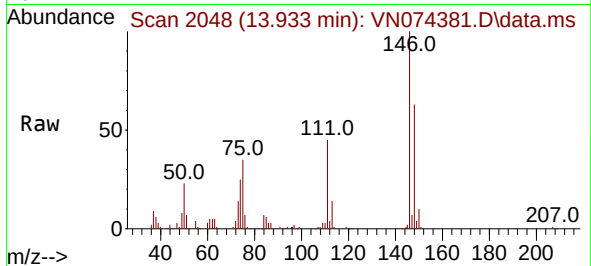
Tgt Ion:117 Resp: 70387
Ion Ratio Lower Upper
117 100
201 64.0 32.6 98.0





#91
1,2-Dichlorobenzene
Concen: 18.734 ug/l
RT: 13.933 min Scan# 2048
Delta R.T. -0.000 min
Lab File: VN074381.D
Acq: 09 Sep 2022 18:31

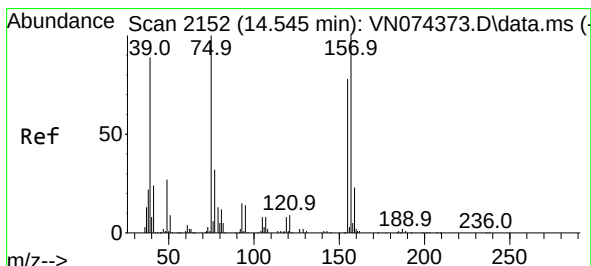
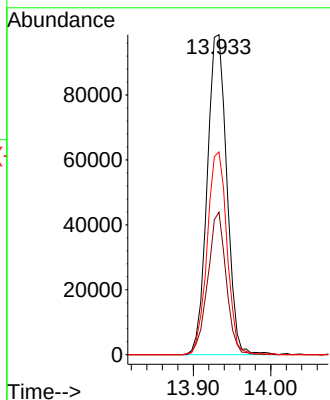
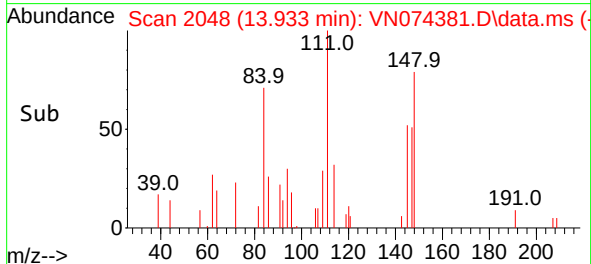
Instrument :
MSVOA_N
ClientSampleId :
VN0909WBSD01



Tgt Ion:146 Resp: 17314
Ion Ratio Lower Upper
146 100
111 41.9 21.9 65.7
148 63.9 31.4 94.2

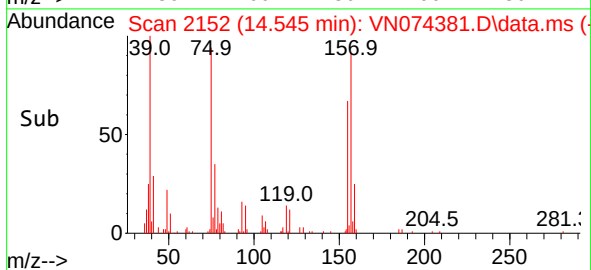
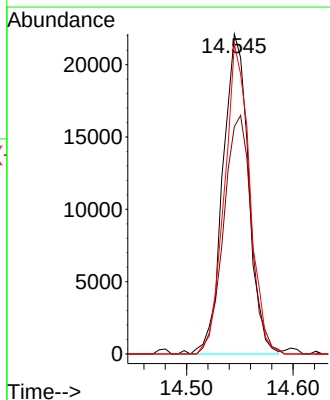
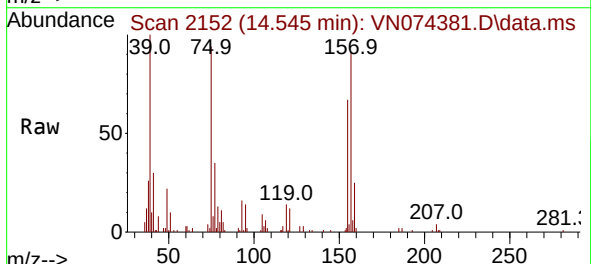
Manual Integrations
APPROVED

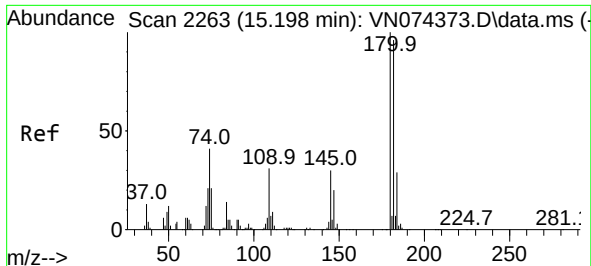
Reviewed By :John Carlone 09/12/2022
Supervised By :Mahesh Dadoda 09/12/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 18.706 ug/l
RT: 14.545 min Scan# 2152
Delta R.T. -0.000 min
Lab File: VN074381.D
Acq: 09 Sep 2022 18:31

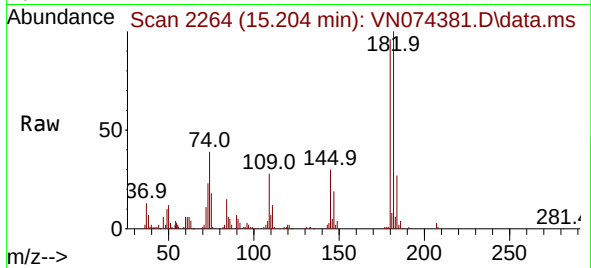
Tgt Ion: 75 Resp: 36986
Ion Ratio Lower Upper
75 100
155 80.1 36.6 109.9
157 95.6 46.2 138.5





#93
1,2,4-Trichlorobenzene
Concen: 18.548 ug/l
RT: 15.204 min Scan# 2264
Delta R.T. 0.006 min
Lab File: VN074381.D
Acq: 09 Sep 2022 18:31

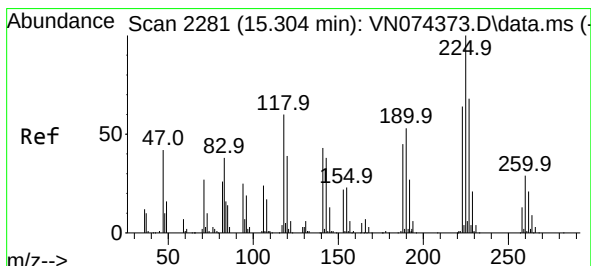
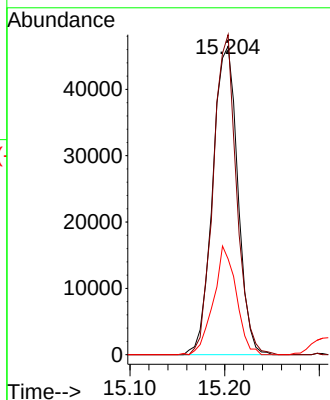
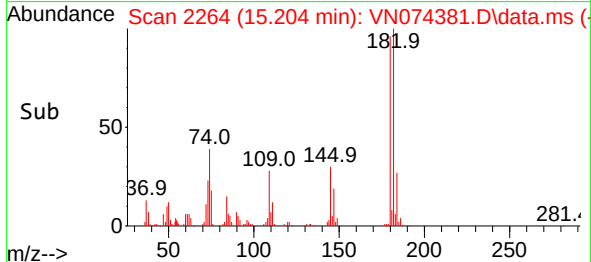
Instrument :
MSVOA_N
ClientSampleId :
VN0909WBSD01



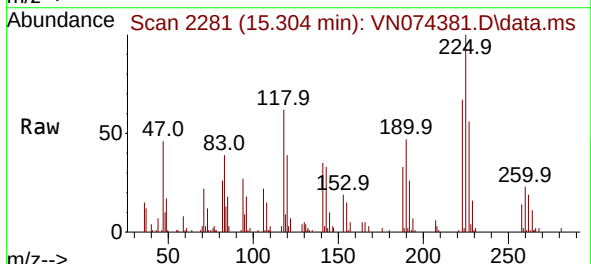
Tgt Ion:180 Resp: 8542
Ion Ratio Lower Upper
180 100
182 96.7 47.4 142.2
145 32.0 16.1 48.2

Manual Integrations
APPROVED

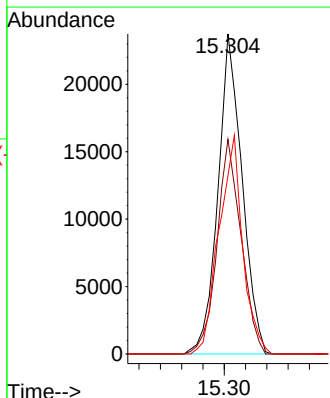
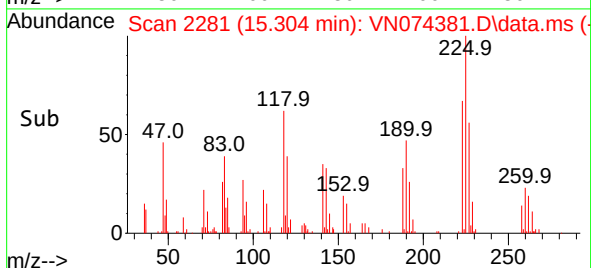
Reviewed By :John Carlone 09/12/2022
Supervised By :Mahesh Dadoda 09/12/2022

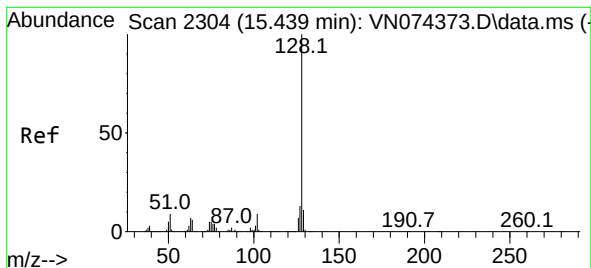


#94
Hexachlorobutadiene
Concen: 17.861 ug/l
RT: 15.304 min Scan# 2281
Delta R.T. -0.000 min
Lab File: VN074381.D
Acq: 09 Sep 2022 18:31



Tgt Ion:225 Resp: 37281
Ion Ratio Lower Upper
225 100
223 66.9 31.6 94.8
227 67.2 31.8 95.4





#95

Naphthalene

Concen: 19.819 ug/l

RT: 15.439 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN074381.D

Acq: 09 Sep 2022 18:31

Instrument :

MSVOA_N

ClientSampleId :

VN0909WBSD01

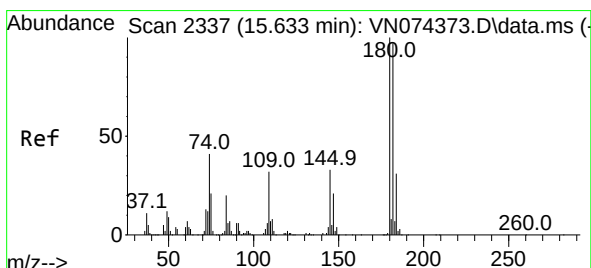
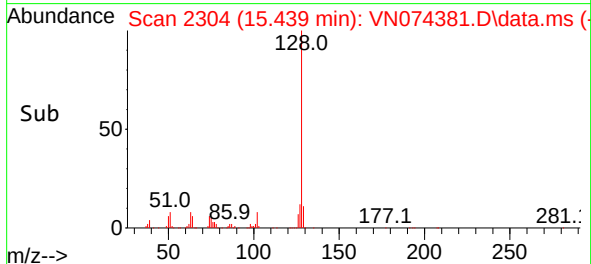
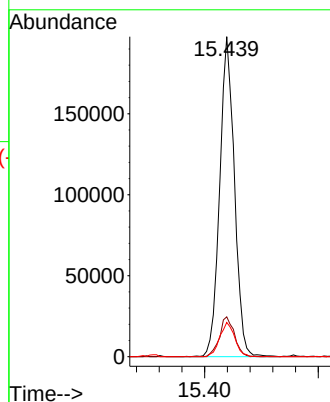
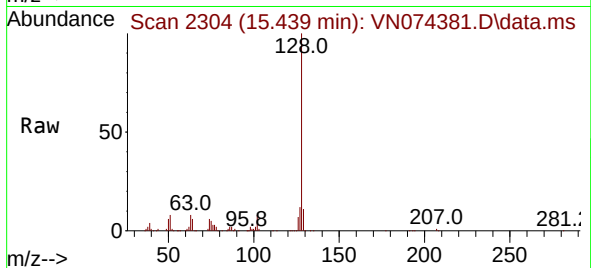
Tgt Ion:128 Resp: 357089
 Ion Ratio Lower Upper
 128 100
 127 12.6 10.6 16.0
 129 10.9 8.8 13.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/12/2022

Supervised By :Mahesh Dadoda 09/12/2022



#96

1,2,3-Trichlorobenzene

Concen: 18.880 ug/l

RT: 15.627 min Scan# 2336

Delta R.T. -0.006 min

Lab File: VN074381.D

Acq: 09 Sep 2022 18:31

Tgt Ion:180 Resp: 89977
 Ion Ratio Lower Upper
 180 100
 182 93.4 47.6 142.8
 145 32.5 17.3 52.0

