

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090822\
 Data File : VN074360.D
 Acq On : 08 Sep 2022 16:04
 Operator : JC\MD
 Sample : VN0908WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0908WBS01

Manual Integrations
 APPROVED

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

Quant Time: Sep 09 05:36:19 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N090822W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Sep 09 05:24:20 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.575	128	64859	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.898	114	378725	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.686	117	345523	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.369	65	201535	30.264	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	= 100.867%	
60) 4-Bromofluorobenzene	12.674	95	203437	29.442	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	= 98.133%	
63) Toluene-d8	10.380	98	593376	30.574	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	= 101.900%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.046	85	86054	18.743	ug/l	100
3) Chloromethane	2.263	50	130535	20.630	ug/l	92
4) Vinyl Chloride	2.404	62	142641	21.080	ug/l	99
5) Bromomethane	2.793	94	101035	24.221	ug/l	95
6) Chloroethane	2.957	64	93844	20.457	ug/l	99
7) Trichlorofluoromethane	3.316	101	150774	19.697	ug/l	90
8) Diethyl Ether	3.763	74	64571	20.235	ug/l	83
9) 1,1,2-Trichlorotrifluo...	4.134	101	90330	20.169	ug/l	91
10) 1,1-Dichloroethene	4.104	96	85771	19.840	ug/l	95
11) Methyl Iodide	4.346	142	105580	19.891	ug/l	94
12) Methyl Acetate	4.775	43	185332	19.728	ug/l	95
13) Acrolein	3.981	56	125735	99.218	ug/l	98
14) Acrylonitrile	5.469	53	367282	100.869	ug/l	99
15) Acetone	4.216	58	97893	101.455	ug/l	86
16) Carbon Disulfide	4.451	76	242832	19.601	ug/l	95
17) Allyl chloride	4.763	41	189940	20.346	ug/l	85
18) Methylene Chloride	5.004	84	108705	19.754	ug/l #	87
19) trans-1,2-Dichloroethene	5.504	96	95809	19.383	ug/l	98
20) Diisopropyl ether	6.410	45	384969	20.026	ug/l	93
21) 1,1-Dichloroethane	6.304	63	198346	19.643	ug/l	98
22) cis-1,2-Dichloroethene	7.245	96	114793	19.108	ug/l	91
23) tert-Butyl Alcohol	5.275	59	166845m	105.821	ug/l	
24) Methyl tert-Butyl Ether	5.528	73	363987	20.011	ug/l	99
25) Chloroform	7.739	83	201986	19.689	ug/l	99
26) Cyclohexane	8.022	56	184832	19.941	ug/l	93
29) 1,1-Dichloropropene	8.145	75	146915	19.514	ug/l	96
30) 2-Butanone	7.257	43	558799	104.812	ug/l	93
31) 2,2-Dichloropropane	7.245	77	180612	19.606	ug/l	95
32) 1,1,1-Trichloroethane	7.939	97	179141	19.303	ug/l	96
33) Carbon Tetrachloride	8.133	117	156617	19.503	ug/l	90
34) Benzene	8.386	78	458572	19.812	ug/l #	92
35) Methacrylonitrile	7.563	41	119431	24.380	ug/l	91
36) 1,2-Dichloroethane	8.463	62	171393	20.239	ug/l	99
37) Trichloroethene	9.151	130	101106	19.008	ug/l	88
38) Methylcyclohexane	9.392	83	184720	19.491	ug/l	95
39) 1,2-Dichloropropane	9.428	63	120771	20.262	ug/l	99
40) Dibromomethane	9.510	93	81131	19.563	ug/l	98
41) Bromodichloromethane	9.698	83	166330	20.183	ug/l #	92
42) Vinyl Acetate	6.345	43	1776643	100.964	ug/l	98

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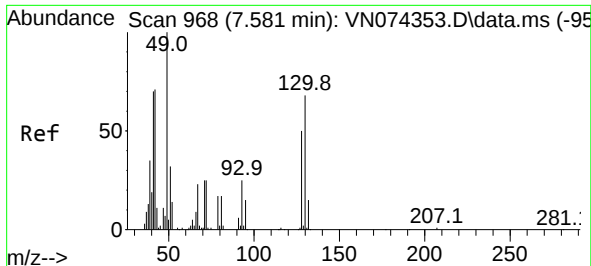
Manual Integrations
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 Supervised By : Mahesh Dadoda 09/09/2022

Quant Time: Sep 09 05:36:19 2022
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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.334	43	205879	19.460	ug/l	99
44) Isopropyl Acetate	8.492	43	347029	20.639	ug/l	97
45) 1,4-Dioxane	9.504	88	62695	402.828	ug/l	92
46) Methyl methacrylate	9.492	41	145626	20.251	ug/l	86
47) n-amyl Acetate	12.333	43	305064	19.962	ug/l	96
48) t-1,3-Dichloropropene	10.657	75	181719	18.878	ug/l	95
49) cis-1,3-Dichloropropene	10.128	75	187965	19.134	ug/l	92
50) 1,1,2-Trichloroethane	10.839	97	115454	19.678	ug/l	97
51) Ethyl methacrylate	10.704	69	200134	19.172	ug/l	95
52) 1,3-Dichloropropane	10.986	76	207315	20.374	ug/l	98
53) Dibromochloromethane	11.180	129	118915	18.849	ug/l	100
54) 1,2-Dibromoethane	11.286	107	119093	19.364	ug/l	96
55) 2-Chloroethyl vinyl ether	9.980	63	494141	98.546	ug/l	98
56) Bromoform	12.398	173	86826	18.067	ug/l #	99
58) 4-Methyl-2-Pentanone	10.269	43	1122051	104.474	ug/l	98
59) 2-Hexanone	11.027	43	891271	106.512	ug/l	99
61) Tetrachloroethene	10.916	164	82787	19.312	ug/l	92
62) Toluene	10.445	91	501273	20.066	ug/l	100
64) Chlorobenzene	11.710	112	287352	19.438	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.780	131	112595	20.110	ug/l	99
66) Ethyl Benzene	11.786	91	551040	19.944	ug/l	99
67) m/p-Xylenes	11.892	106	428826	40.706	ug/l	100
68) o-Xylene	12.221	106	216207	20.109	ug/l	99
69) Styrene	12.233	104	338291	19.021	ug/l	95
70) Isopropylbenzene	12.521	105	542306	19.422	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.769	83	199572	20.496	ug/l	97
72) 1,2,3-Trichloropropane	12.821	75	158104m	19.770	ug/l	
73) Bromobenzene	12.804	156	117311	19.371	ug/l	82
74) n-propylbenzene	12.863	91	635274	19.575	ug/l	98
75) 2-Chlorotoluene	12.951	91	393698	20.328	ug/l	94
76) 1,3,5-Trimethylbenzene	13.004	105	456173	19.429	ug/l	98
77) t-1,4-Dichloro-2-butene	12.569	75	67566	19.105	ug/l	96
78) 4-Chlorotoluene	13.045	91	359765	18.873	ug/l	96
79) tert-butylbenzene	13.268	119	405349	19.417	ug/l	99
80) 1,2,4-Trimethylbenzene	13.310	105	451252m	19.092	ug/l	
81) sec-Butylbenzene	13.445	105	565987	19.440	ug/l	100
82) p-Isopropyltoluene	13.557	119	450413	18.715	ug/l	99
83) 1,3-Dichlorobenzene	13.557	146	217181	19.067	ug/l	99
84) 1,4-Dichlorobenzene	13.639	146	215911	19.136	ug/l	99
85) n-Butylbenzene	13.886	91	384684	18.213	ug/l	96
86) Hexachloroethane	14.157	117	94035	20.009	ug/l	94
87) 1,2-Dichlorobenzene	13.927	146	215030	18.259	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	14.551	75	49461	20.741	ug/l	90
89) 1,2,4-Trichlorobenzene	15.198	180	113655	18.460	ug/l	97
90) Hexachlorobutadiene	15.304	225	47166	17.949	ug/l	96
91) Naphthalene	15.439	128	466023	18.882	ug/l	99
92) 1,2,3-Trichlorobenzene	15.633	180	115443	18.467	ug/l	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed



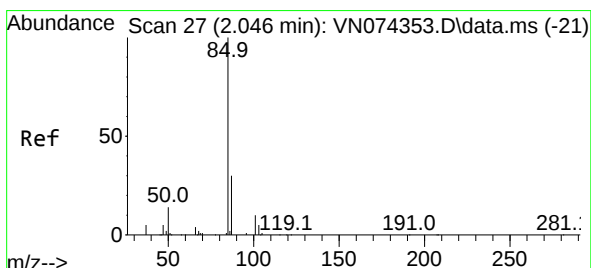
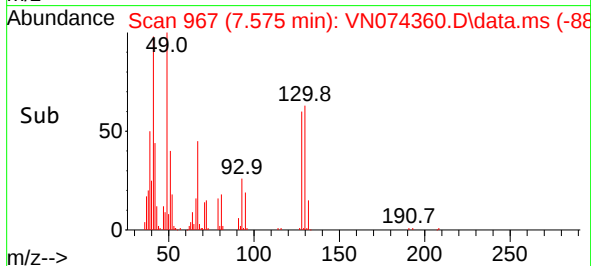
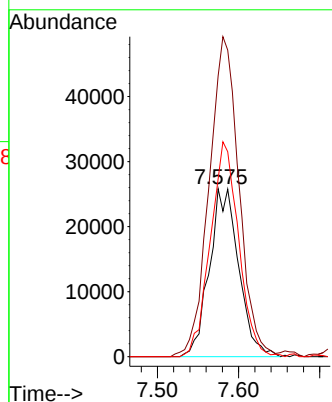
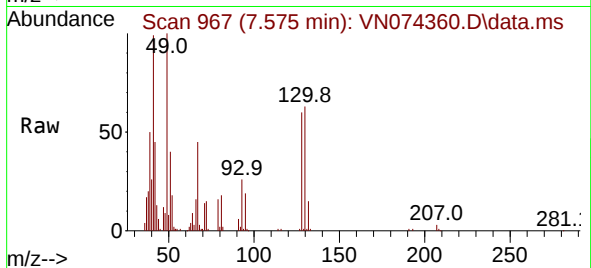
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.575 min Scan# 90
Delta R.T. -0.006 min
Lab File: VN074360.D
Acq: 08 Sep 2022 16:04

Instrument :
MSVOA_N
ClientSampleId :
VN0908WBS01

Tgt Ion:128 Resp: 64859
Ion Ratio Lower Upper
128 100
49 193.8 0.0 392.3
130 123.2 0.0 320.2

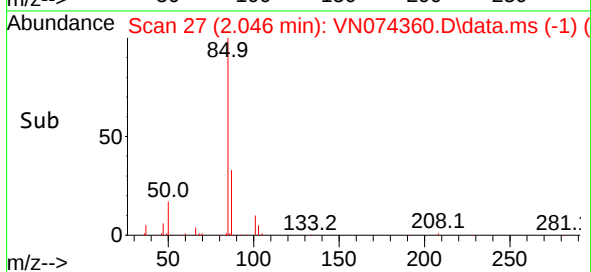
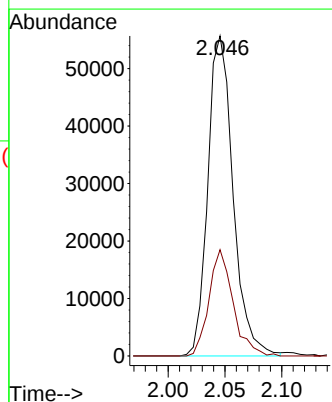
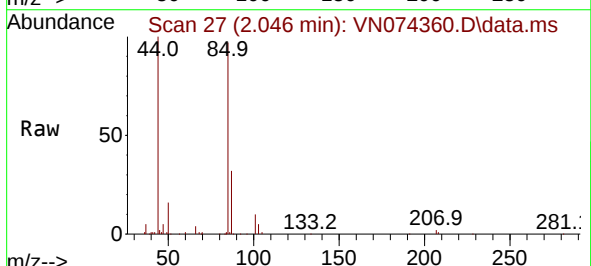
Manual Integrations
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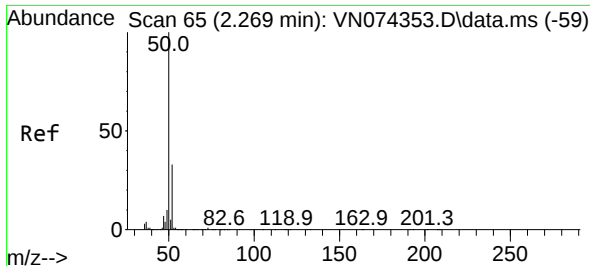
Reviewed By :John Carlone 09/09/2022
Supervised By :Mahesh Dadoda 09/09/2022



#2
Dichlorodifluoromethane
Concen: 18.743 ug/l
RT: 2.046 min Scan# 27
Delta R.T. 0.000 min
Lab File: VN074360.D
Acq: 08 Sep 2022 16:04

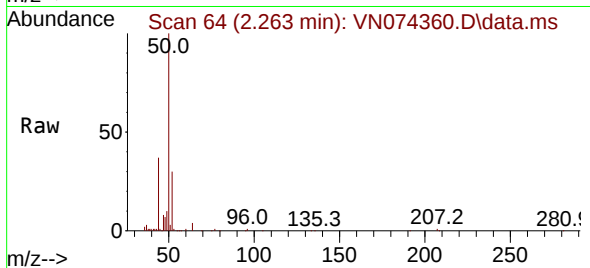
Tgt Ion: 85 Resp: 86054
Ion Ratio Lower Upper
85 100
87 33.2 16.6 49.7





#3
Chloromethane
Concen: 20.630 ug/l
RT: 2.263 min Scan# 64
Delta R.T. -0.006 min
Lab File: VN074360.D
Acq: 08 Sep 2022 16:04

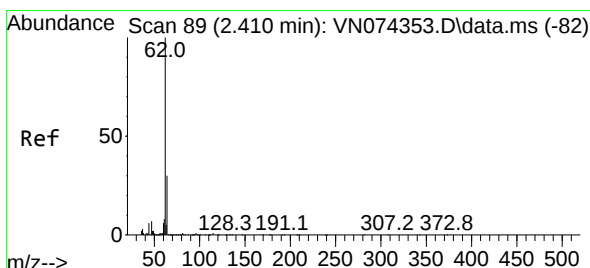
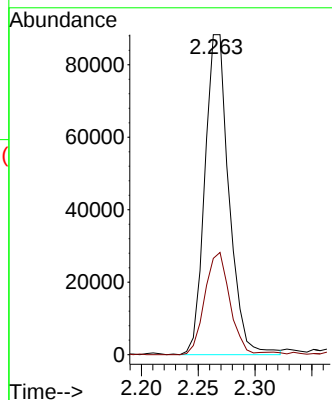
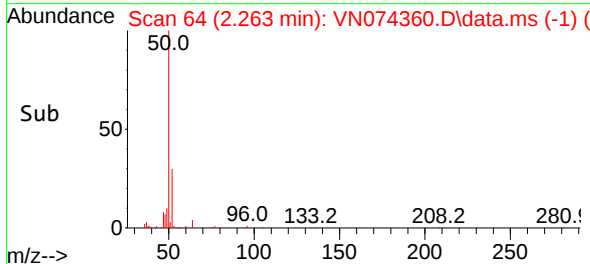
Instrument :
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ClientSampleId :
VN0908WBS01



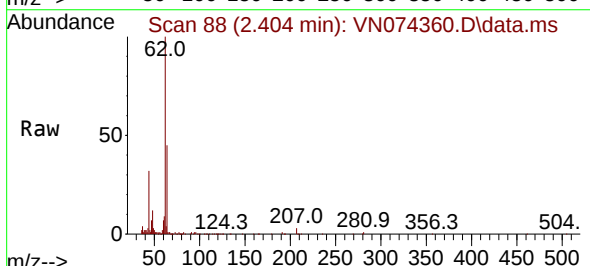
Tgt Ion: 50 Resp: 130539
Ion Ratio Lower Upper
50 100
52 30.1 27.8 41.6

Manual Integrations
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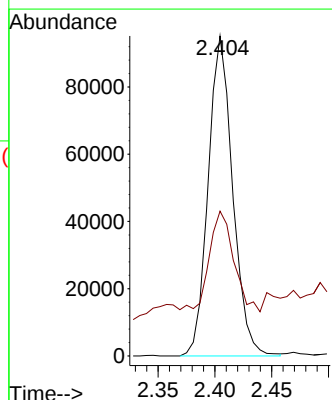
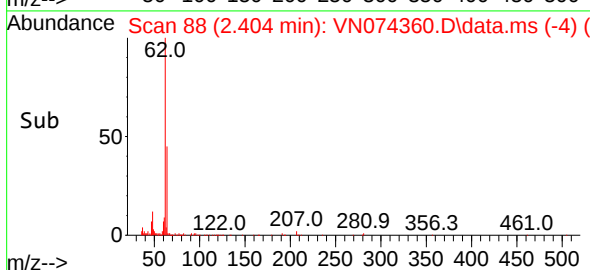
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Supervised By :Mahesh Dadoda 09/09/2022

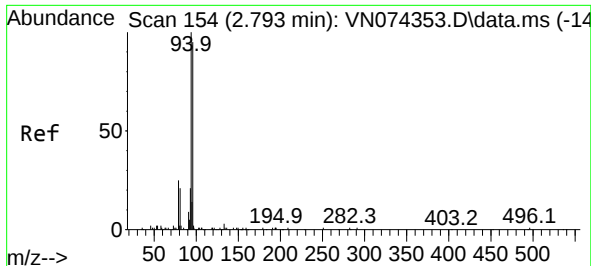


#4
Vinyl Chloride
Concen: 21.080 ug/l
RT: 2.404 min Scan# 88
Delta R.T. -0.006 min
Lab File: VN074360.D
Acq: 08 Sep 2022 16:04



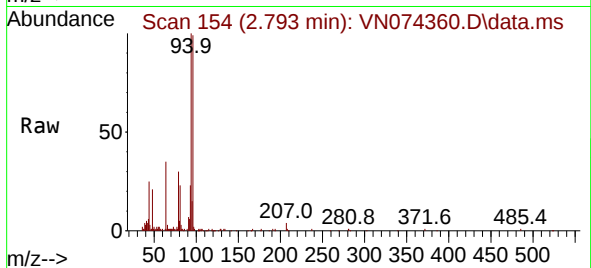
Tgt Ion: 62 Resp: 142641
Ion Ratio Lower Upper
62 100
64 30.8 25.1 37.7





#5
Bromomethane
Concen: 24.221 ug/l
RT: 2.793 min Scan# 154
Delta R.T. -0.000 min
Lab File: VN074360.D
Acq: 08 Sep 2022 16:04

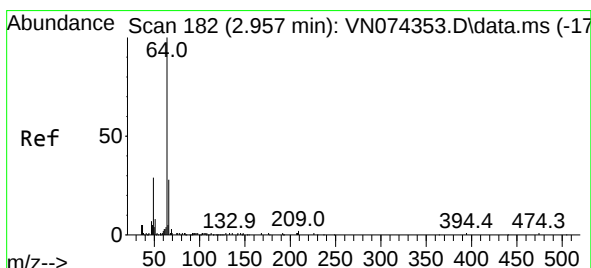
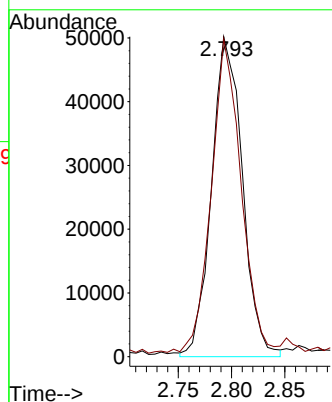
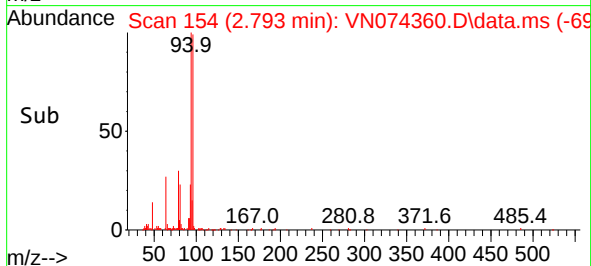
Instrument :
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ClientSampleId :
VN0908WBS01



Tgt Ion: 94 Resp: 10103
Ion Ratio Lower Upper
94 100
96 98.9 75.2 112.8

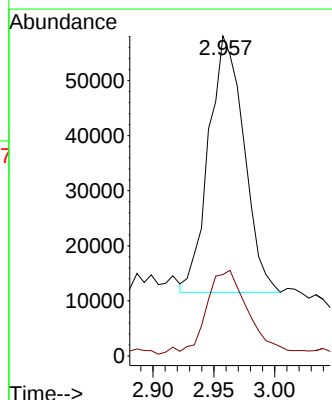
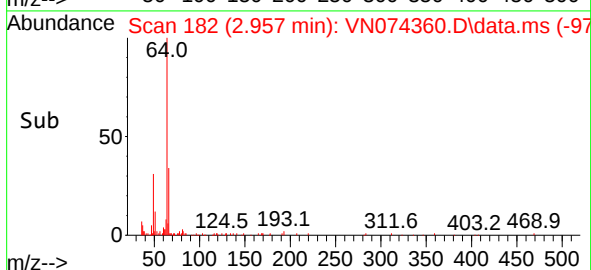
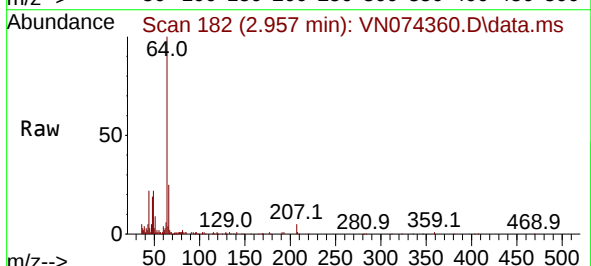
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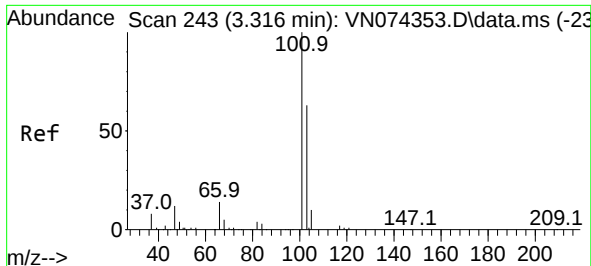
Reviewed By :John Carlone 09/09/2022
Supervised By :Mahesh Dadoda 09/09/2022



#6
Chloroethane
Concen: 20.457 ug/l
RT: 2.957 min Scan# 182
Delta R.T. 0.000 min
Lab File: VN074360.D
Acq: 08 Sep 2022 16:04

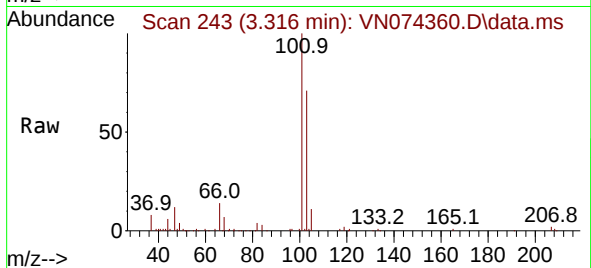
Tgt Ion: 64 Resp: 93844
Ion Ratio Lower Upper
64 100
66 29.9 24.6 36.8





#7
 Trichlorofluoromethane
 Concen: 19.697 ug/l
 RT: 3.316 min Scan# 243
 Delta R.T. 0.000 min
 Lab File: VN074360.D
 Acq: 08 Sep 2022 16:04

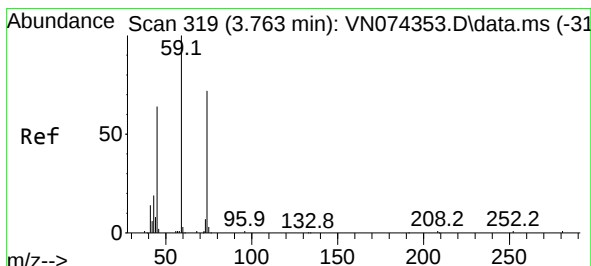
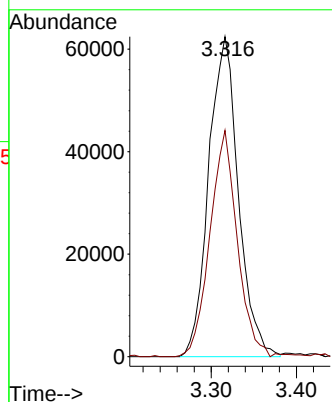
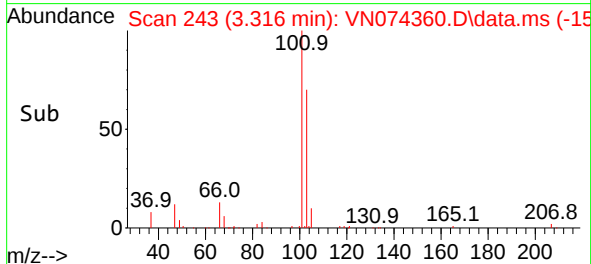
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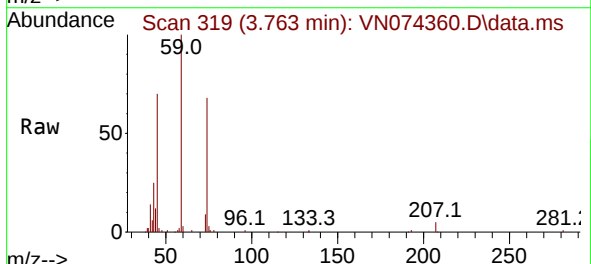
Tgt Ion:101 Resp: 150774
 Ion Ratio Lower Upper
 101 100
 103 70.3 50.1 75.1

Manual Integrations
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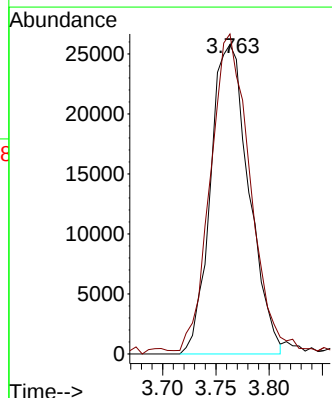
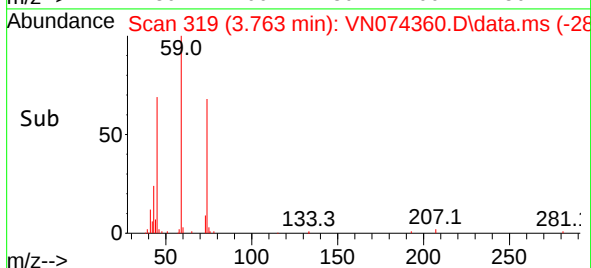
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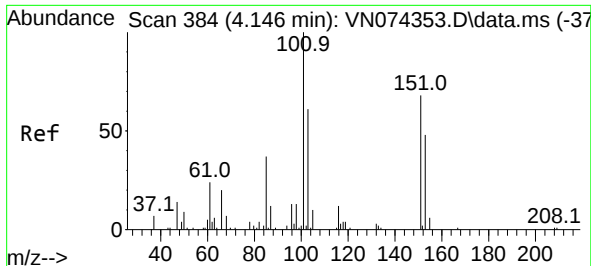


#8
 Diethyl Ether
 Concen: 20.235 ug/l
 RT: 3.763 min Scan# 319
 Delta R.T. 0.000 min
 Lab File: VN074360.D
 Acq: 08 Sep 2022 16:04



Tgt Ion: 74 Resp: 64571
 Ion Ratio Lower Upper
 74 100
 45 104.0 17.6 158.8





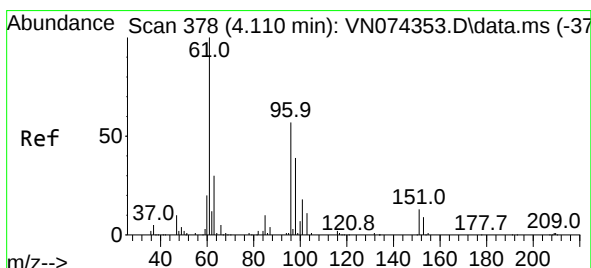
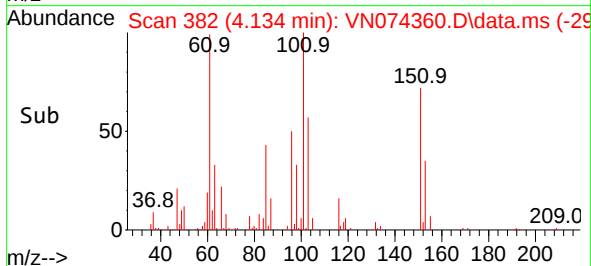
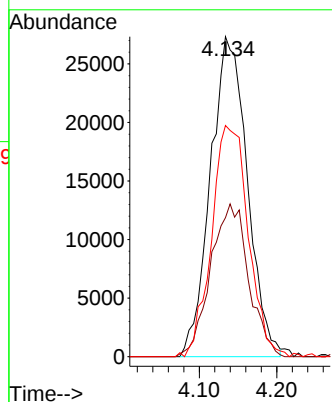
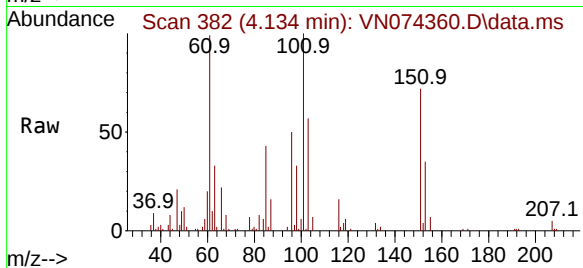
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1,1,2-Trichlorotrifluoroethane
Concen: 20.169 ug/l
RT: 4.134 min Scan# 384
Delta R.T. -0.012 min
Lab File: VN074360.D
Acq: 08 Sep 2022 16:04

Instrument :
MSVOA_N
ClientSampleId :
VN0908WBS01

Tgt Ion:101 Resp: 90330
Ion Ratio Lower Upper
101 100
85 49.2 0.0 94.0
151 46.5 0.0 74.6

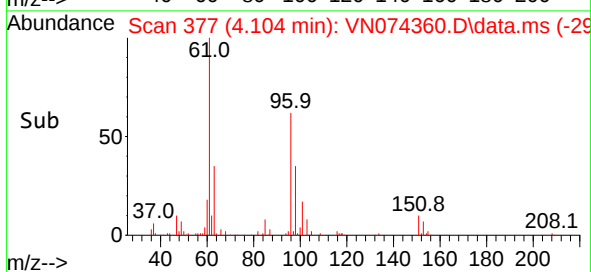
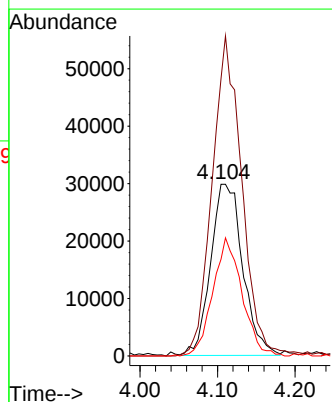
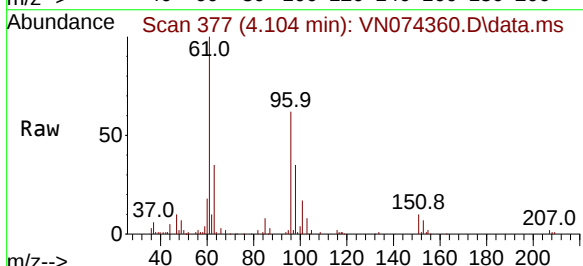
Manual Integrations
APPROVED

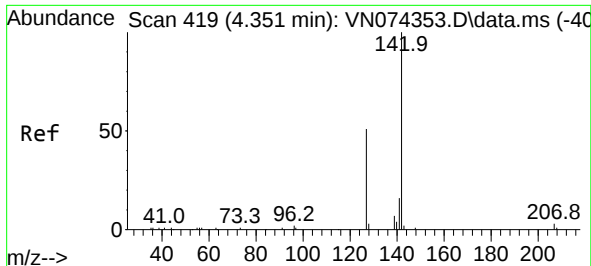
Reviewed By :John Carlone 09/09/2022
Supervised By :Mahesh Dadoda 09/09/2022



#10
1,1-Dichloroethene
Concen: 19.840 ug/l
RT: 4.104 min Scan# 377
Delta R.T. -0.006 min
Lab File: VN074360.D
Acq: 08 Sep 2022 16:04

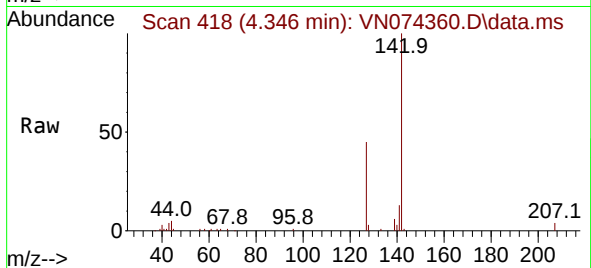
Tgt Ion: 96 Resp: 85771
Ion Ratio Lower Upper
96 100
61 161.7 126.2 189.4
98 56.6 50.9 76.3





#11
Methyl Iodide
Concen: 19.891 ug/l
RT: 4.346 min Scan# 419
Delta R.T. -0.006 min
Lab File: VN074360.D
Acq: 08 Sep 2022 16:04

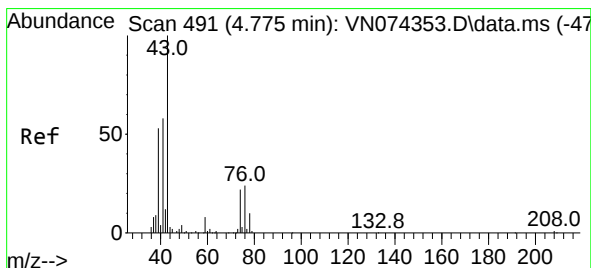
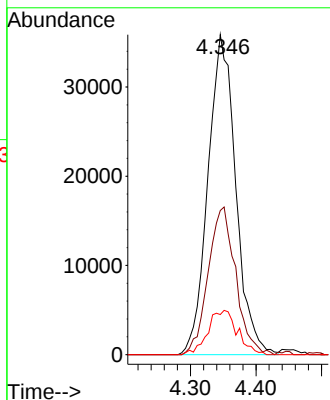
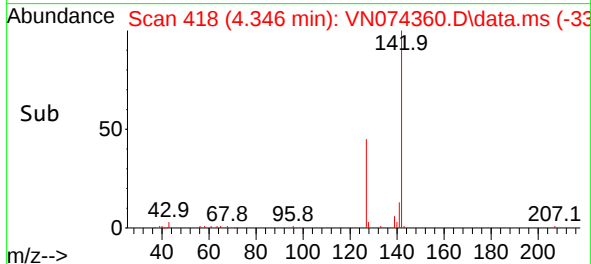
Instrument :
MSVOA_N
ClientSampleId :
VN0908WBS01



Tgt Ion:142 Resp: 105580
Ion Ratio Lower Upper
142 100
127 44.9 24.0 72.0
141 12.6 8.4 25.2

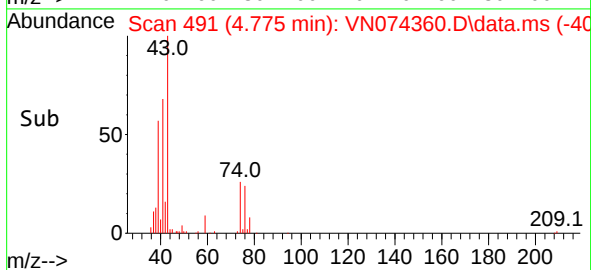
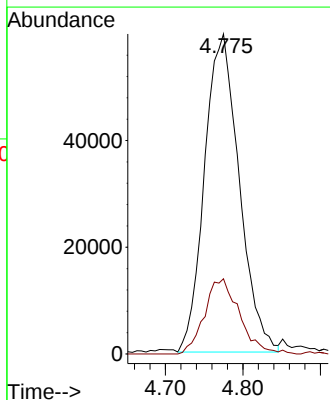
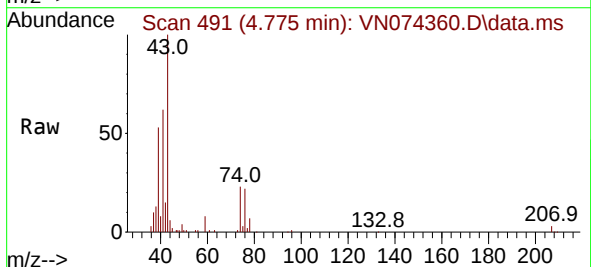
Manual Integrations
APPROVED

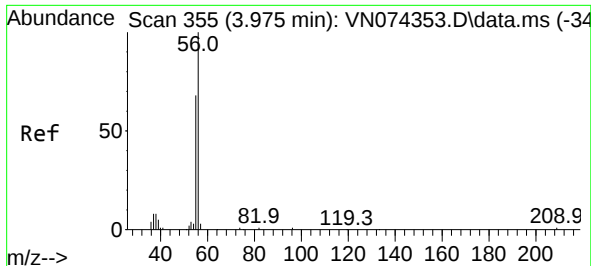
Reviewed By :John Carlone 09/09/2022
Supervised By :Mahesh Dadoda 09/09/2022



#12
Methyl Acetate
Concen: 19.728 ug/l
RT: 4.775 min Scan# 491
Delta R.T. 0.000 min
Lab File: VN074360.D
Acq: 08 Sep 2022 16:04

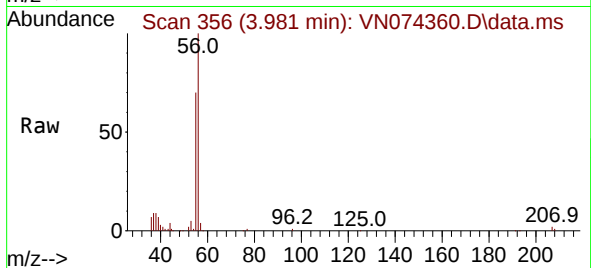
Tgt Ion: 43 Resp: 185332
Ion Ratio Lower Upper
43 100
74 23.5 20.8 31.2





#13
Acrolein
Concen: 99.218 ug/l
RT: 3.981 min Scan# 356
Delta R.T. 0.006 min
Lab File: VN074360.D
Acq: 08 Sep 2022 16:04

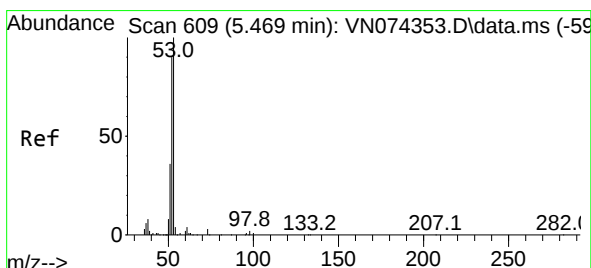
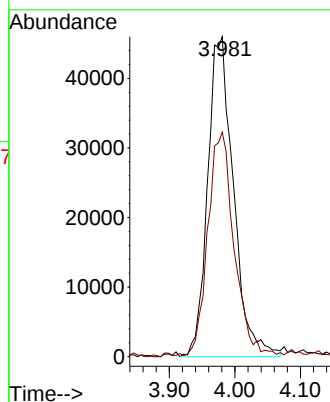
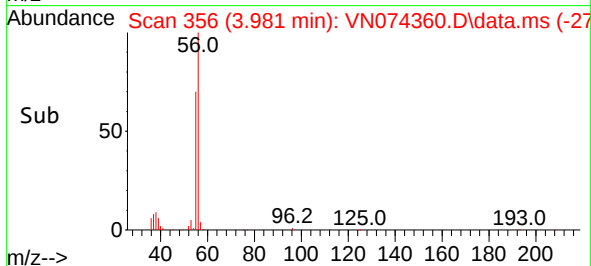
Instrument :
MSVOA_N
ClientSampleId :
VN0908WBS01



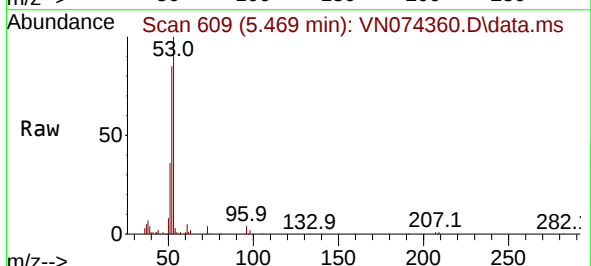
Tgt Ion: 56 Resp: 125738
Ion Ratio Lower Upper
56 100
55 70.5 57.6 86.4

Manual Integrations
APPROVED

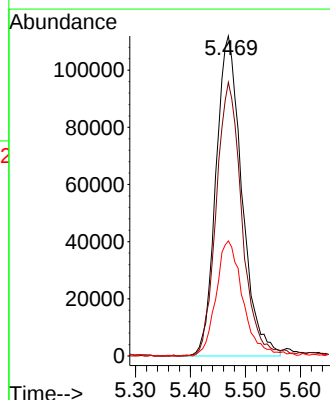
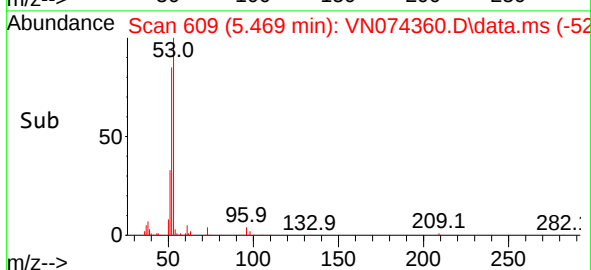
Reviewed By :John Carlone 09/09/2022
Supervised By :Mahesh Dadoda 09/09/2022

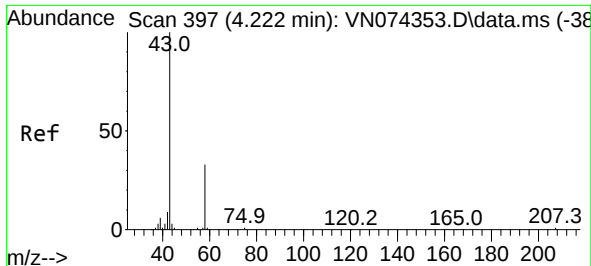


#14
Acrylonitrile
Concen: 100.869 ug/l
RT: 5.469 min Scan# 609
Delta R.T. 0.000 min
Lab File: VN074360.D
Acq: 08 Sep 2022 16:04



Tgt Ion: 53 Resp: 367282
Ion Ratio Lower Upper
53 100
52 83.9 41.8 125.4
51 36.6 19.0 57.0





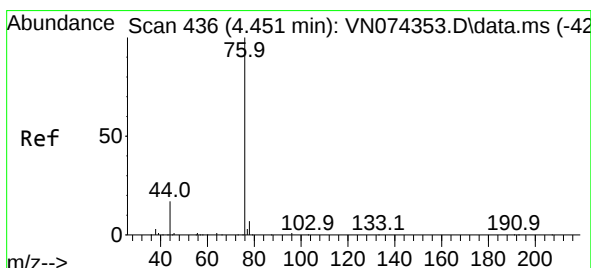
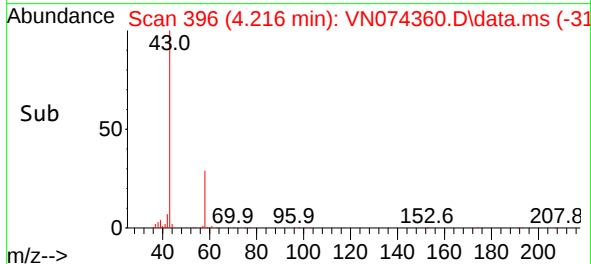
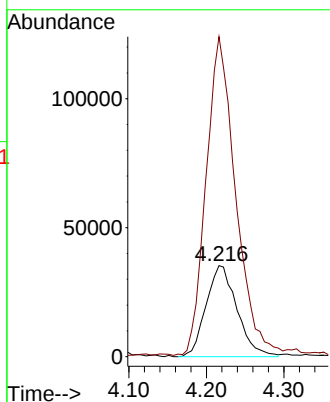
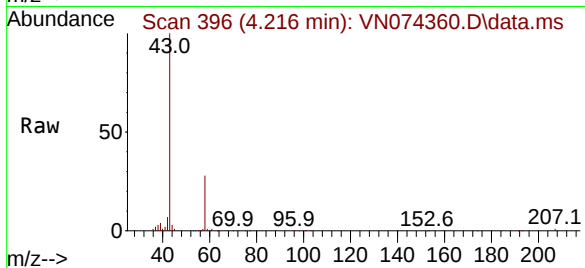
#15
Acetone
Concen: 101.455 ug/l
RT: 4.216 min Scan# 397
Delta R.T. -0.006 min
Lab File: VN074360.D
Acq: 08 Sep 2022 16:04

Instrument :
MSVOA_N
ClientSampleId :
VN0908WBS01

Tgt Ion: 58 Resp: 9789
Ion Ratio Lower Upper
58 100
43 348.7 256.6 384.8

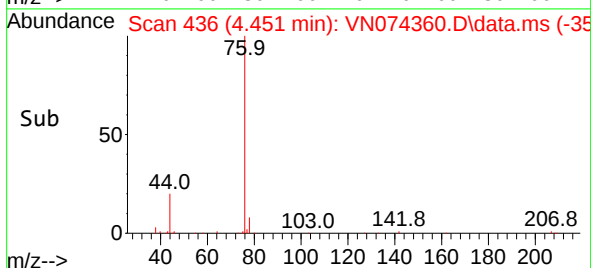
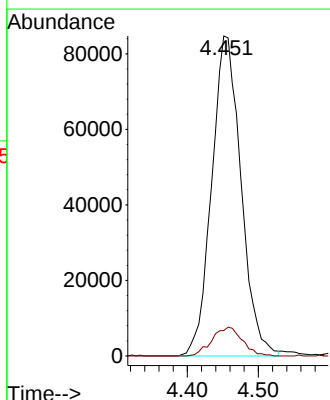
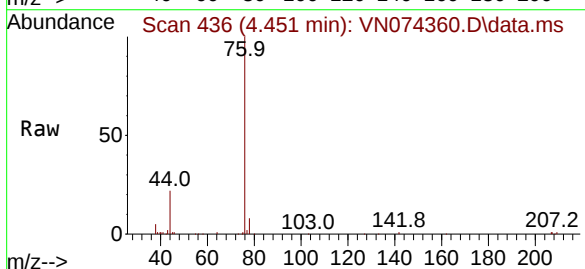
Manual Integrations
APPROVED

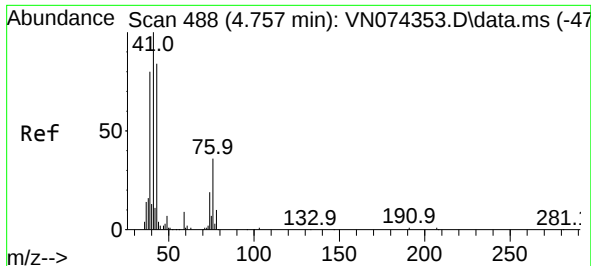
Reviewed By :John Carlone 09/09/2022
Supervised By :Mahesh Dadoda 09/09/2022



#16
Carbon Disulfide
Concen: 19.601 ug/l
RT: 4.451 min Scan# 436
Delta R.T. 0.000 min
Lab File: VN074360.D
Acq: 08 Sep 2022 16:04

Tgt Ion: 76 Resp: 242832
Ion Ratio Lower Upper
76 100
78 8.0 7.8 11.8





#17

Allyl chloride

Concen: 20.346 ug/l

RT: 4.763 min Scan# 41

Delta R.T. 0.006 min

Lab File: VN074360.D

Acq: 08 Sep 2022 16:04

Instrument :

MSVOA_N

ClientSampleId :

VN0908WBS01

Tgt Ion: 41 Resp: 189940

Ion Ratio Lower Upper

41 100

39 73.2 44.6 134.0

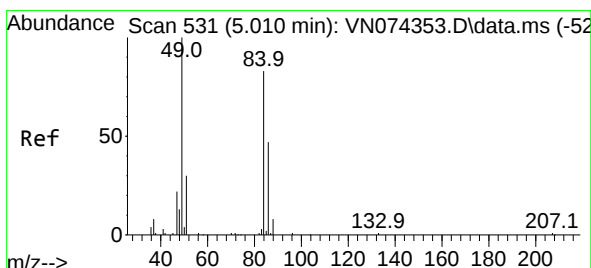
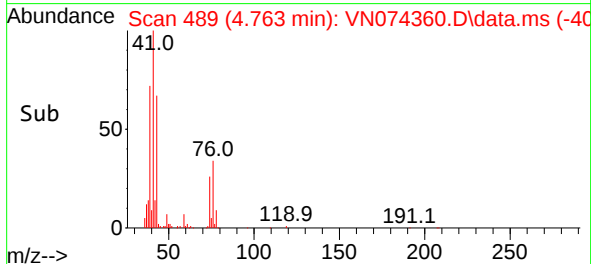
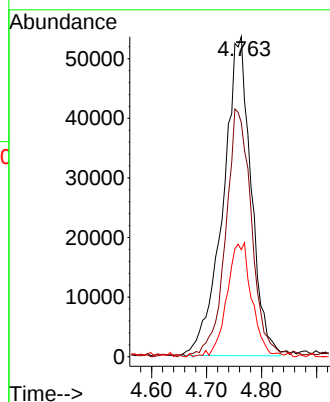
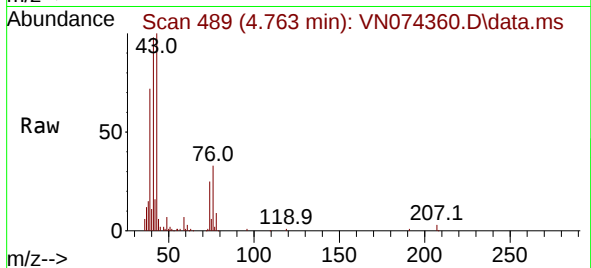
76 33.1 19.6 58.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/09/2022

Supervised By :Mahesh Dadoda 09/09/2022



#18

Methylene Chloride

Concen: 19.754 ug/l

RT: 5.004 min Scan# 530

Delta R.T. -0.006 min

Lab File: VN074360.D

Acq: 08 Sep 2022 16:04

Tgt Ion: 84 Resp: 108705

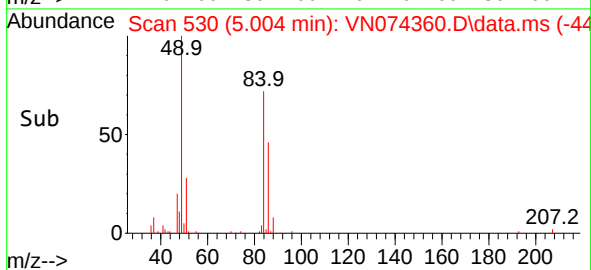
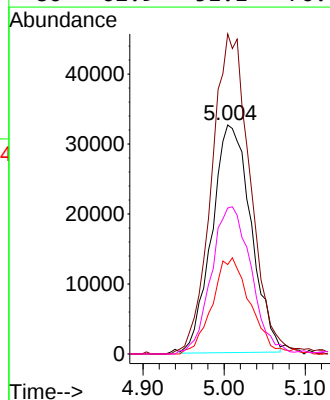
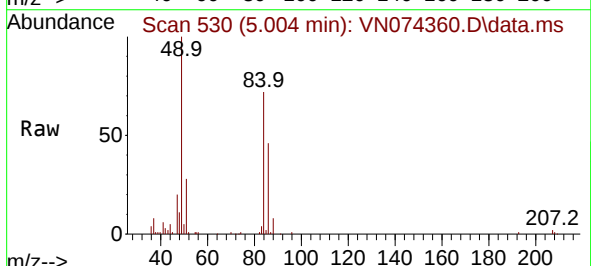
Ion Ratio Lower Upper

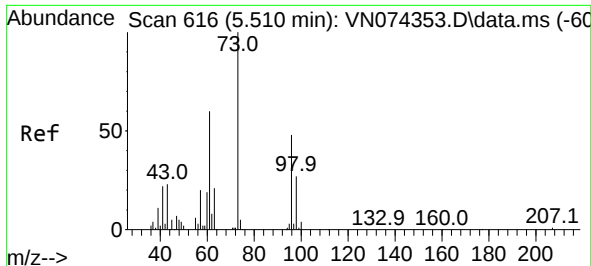
84 100

49 138.8 91.4 137.0#

51 39.4 29.4 44.0

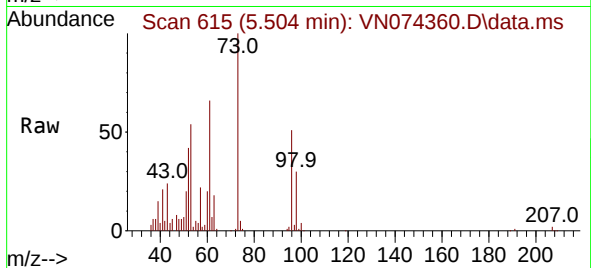
86 62.9 51.1 76.7





#19
trans-1,2-Dichloroethene
Concen: 19.383 ug/l
RT: 5.504 min Scan# 616
Delta R.T. -0.006 min
Lab File: VN074360.D
Acq: 08 Sep 2022 16:04

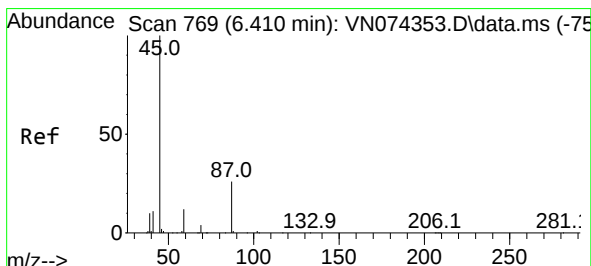
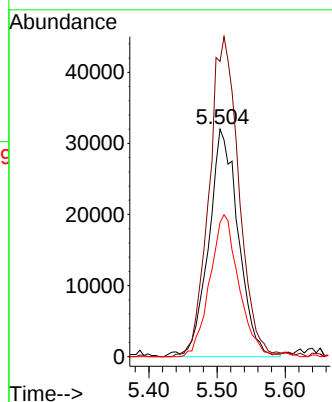
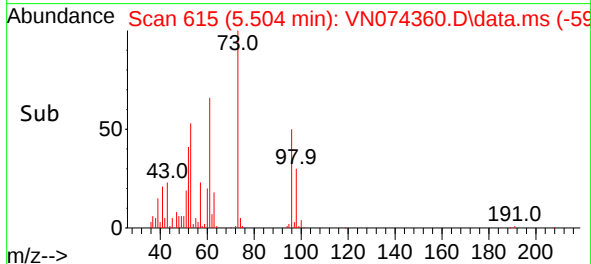
Instrument :
MSVOA_N
ClientSampleId :
VN0908WBS01



Tgt Ion: 96 Resp: 95809
Ion Ratio Lower Upper
96 100
61 130.1 102.8 154.2
98 59.6 49.3 73.9

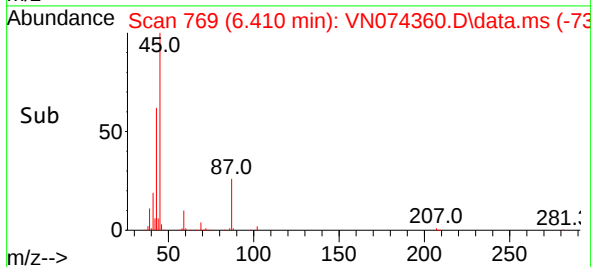
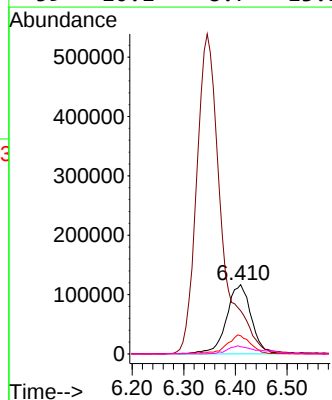
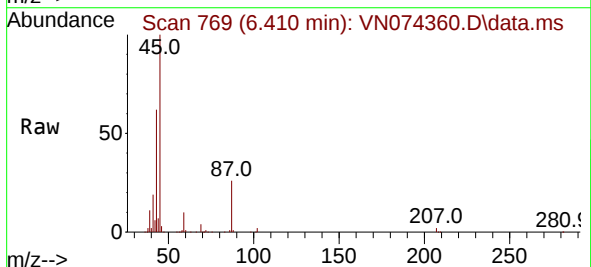
Manual Integrations
APPROVED

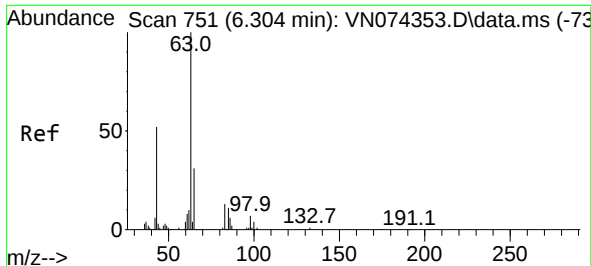
Reviewed By :John Carlone 09/09/2022
Supervised By :Mahesh Dadoda 09/09/2022



#20
Diisopropyl ether
Concen: 20.026 ug/l
RT: 6.410 min Scan# 769
Delta R.T. 0.000 min
Lab File: VN074360.D
Acq: 08 Sep 2022 16:04

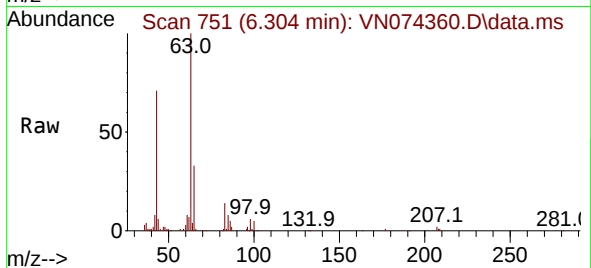
Tgt Ion: 45 Resp: 384969
Ion Ratio Lower Upper
45 100
43 59.0 51.0 76.4
87 25.8 25.0 37.4
59 10.1 8.7 13.1





#21
1,1-Dichloroethane
Concen: 19.643 ug/l
RT: 6.304 min Scan# 751
Delta R.T. 0.000 min
Lab File: VN074360.D
Acq: 08 Sep 2022 16:04

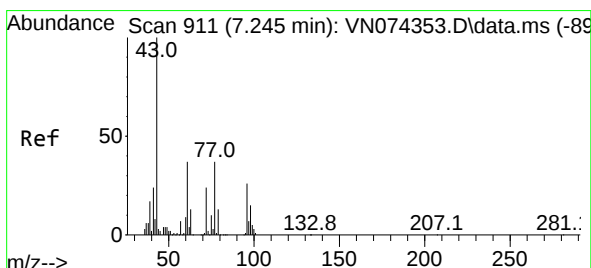
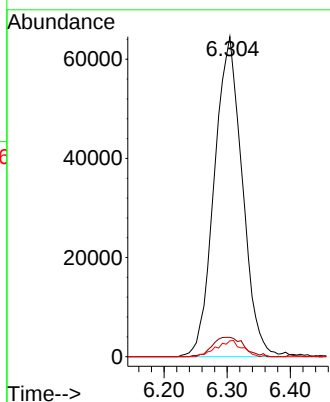
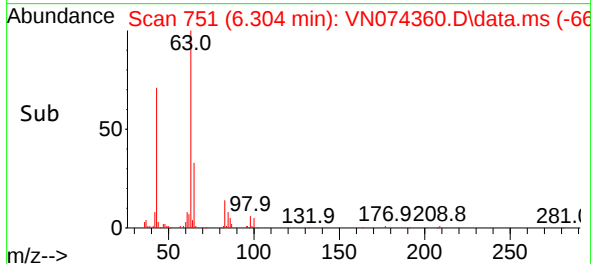
Instrument :
MSVOA_N
ClientSampleId :
VN0908WBS01



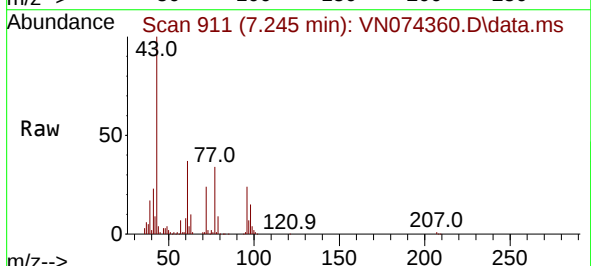
Tgt Ion: 63 Resp: 198340
Ion Ratio Lower Upper
63 100
98 6.0 3.2 9.6
100 4.9 2.1 6.2

Manual Integrations
APPROVED

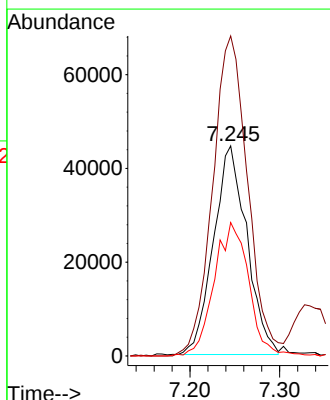
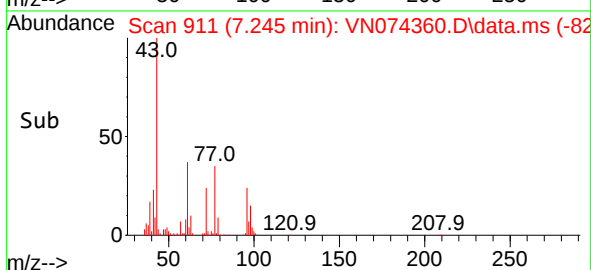
Reviewed By :John Carlone 09/09/2022
Supervised By :Mahesh Dadoda 09/09/2022

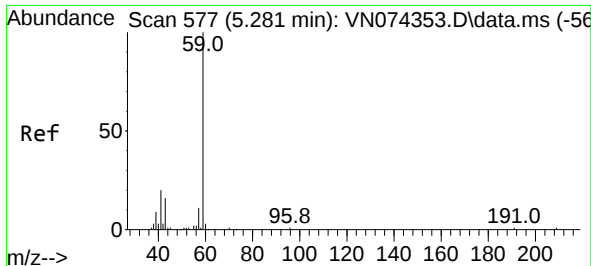


#22
cis-1,2-Dichloroethene
Concen: 19.108 ug/l
RT: 7.245 min Scan# 911
Delta R.T. 0.000 min
Lab File: VN074360.D
Acq: 08 Sep 2022 16:04



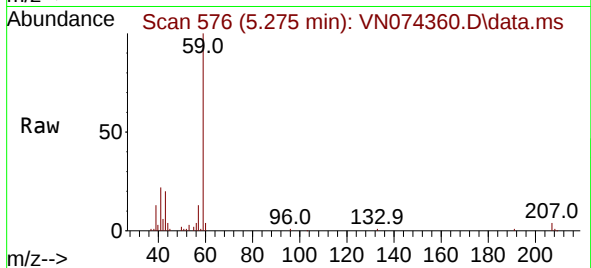
Tgt Ion: 96 Resp: 114793
Ion Ratio Lower Upper
96 100
61 161.1 115.7 173.5
98 64.5 51.6 77.4





#23
tert-Butyl Alcohol
Concen: 105.821 ug/l m
RT: 5.275 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN074360.D
Acq: 08 Sep 2022 16:04

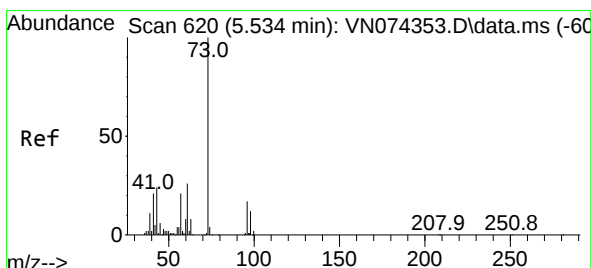
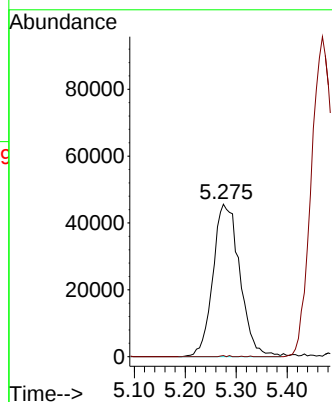
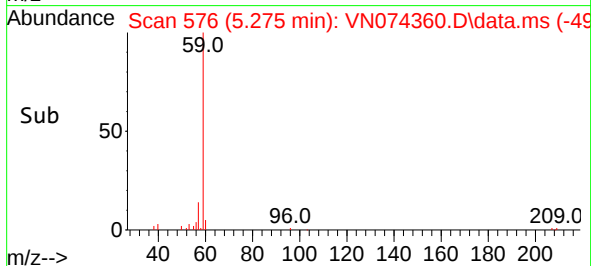
Instrument :
MSVOA_N
ClientSampleId :
VN0908WBS01



Tgt Ion: 59 Resp: 16684
Ion Ratio Lower Upper
59 100
52 0.1 0.0 0.0

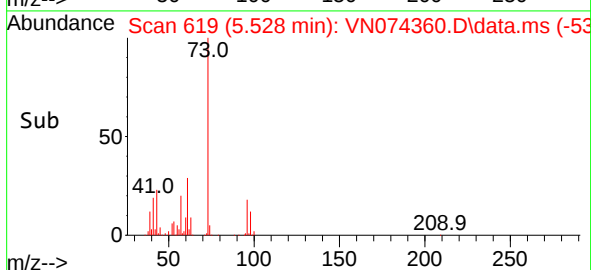
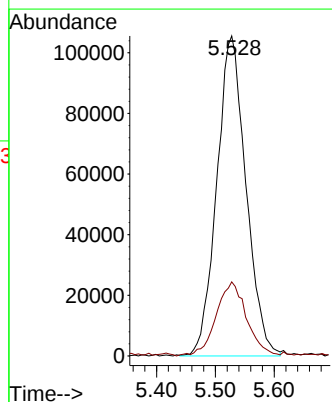
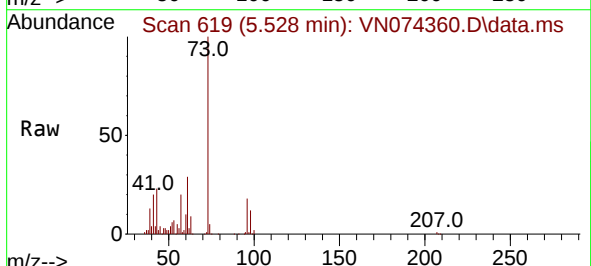
Manual Integrations
APPROVED

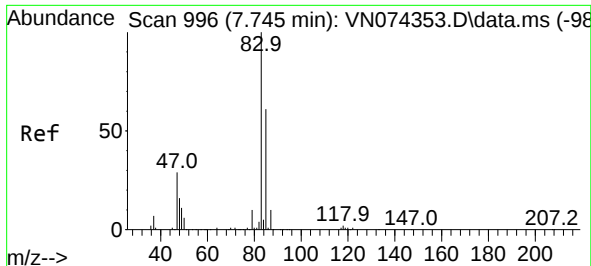
Reviewed By :John Carlone 09/09/2022
Supervised By :Mahesh Dadoda 09/09/2022



#24
Methyl tert-Butyl Ether
Concen: 20.011 ug/l
RT: 5.528 min Scan# 619
Delta R.T. -0.006 min
Lab File: VN074360.D
Acq: 08 Sep 2022 16:04

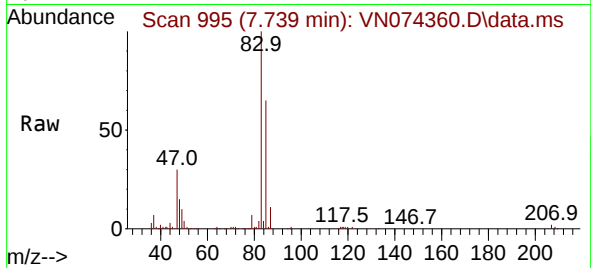
Tgt Ion: 73 Resp: 363987
Ion Ratio Lower Upper
73 100
43 23.0 18.1 27.1





#25
Chloroform
Concen: 19.689 ug/l
RT: 7.739 min Scan# 996
Delta R.T. -0.006 min
Lab File: VN074360.D
Acq: 08 Sep 2022 16:04

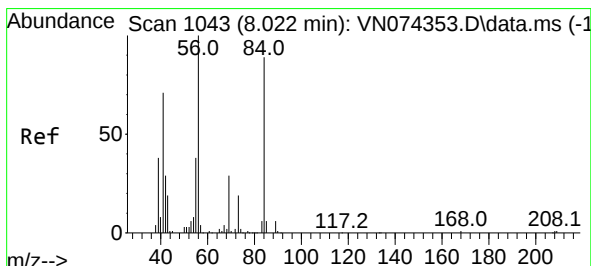
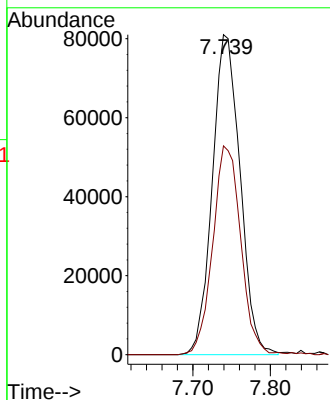
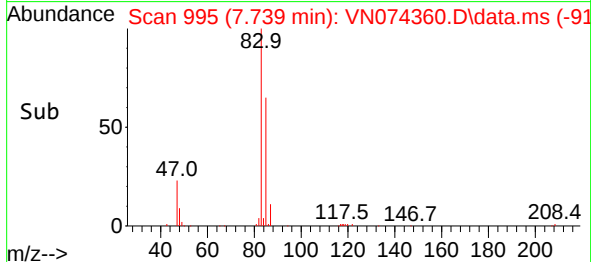
Instrument :
MSVOA_N
ClientSampleId :
VN0908WBS01



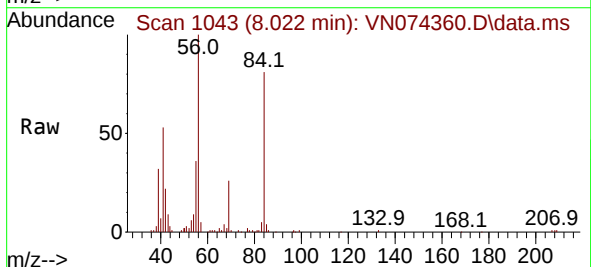
Tgt Ion: 83 Resp: 201980
Ion Ratio Lower Upper
83 100
85 65.3 51.3 76.9

Manual Integrations
APPROVED

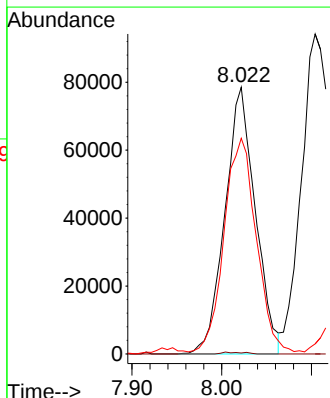
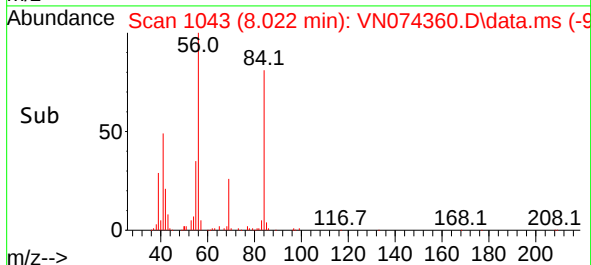
Reviewed By :John Carlone 09/09/2022
Supervised By :Mahesh Dadoda 09/09/2022

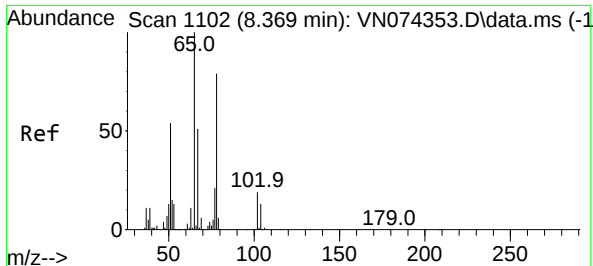


#26
Cyclohexane
Concen: 19.941 ug/l
RT: 8.022 min Scan# 1043
Delta R.T. 0.000 min
Lab File: VN074360.D
Acq: 08 Sep 2022 16:04



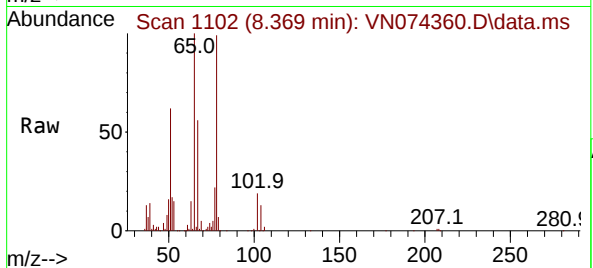
Tgt Ion: 56 Resp: 184832
Ion Ratio Lower Upper
56 100
89 0.1 0.1 0.1
84 86.6 74.6 111.8





#27
1,2-Dichloroethane-d4
Concen: 30.264 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. 0.000 min
Lab File: VN074360.D
Acq: 08 Sep 2022 16:04

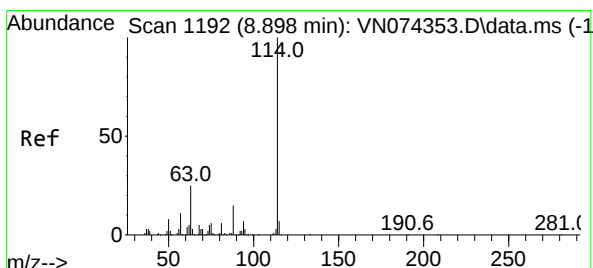
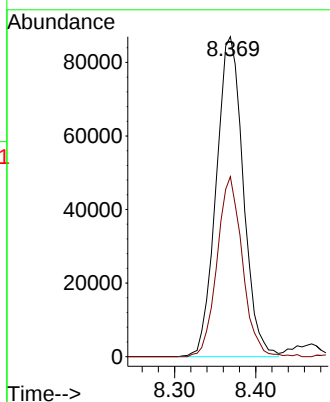
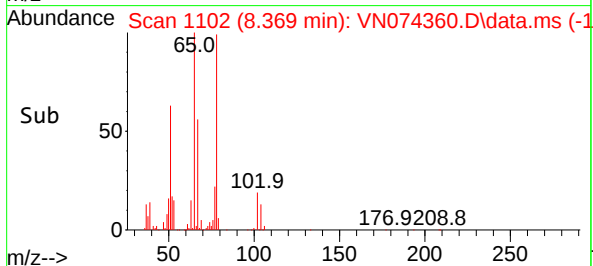
Instrument :
MSVOA_N
ClientSampleId :
VN0908WBS01



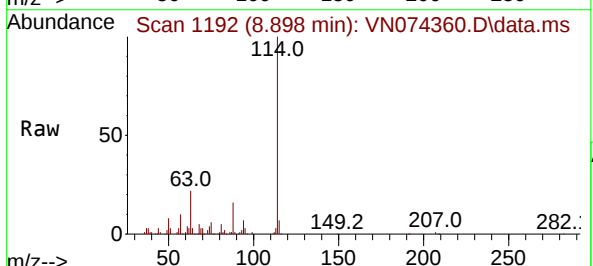
Tgt Ion: 65 Resp: 20153
Ion Ratio Lower Upper
65 100
67 52.6 40.2 60.2

Manual Integrations
APPROVED

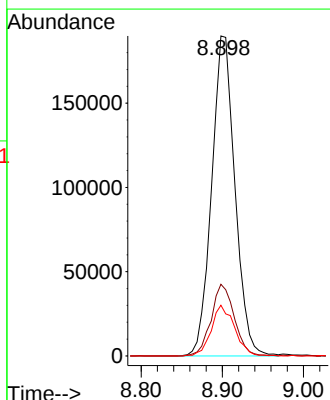
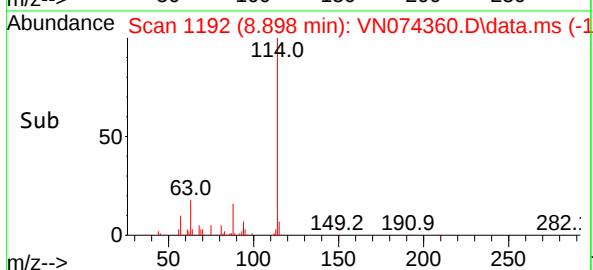
Reviewed By :John Carlone 09/09/2022
Supervised By :Mahesh Dadoda 09/09/2022

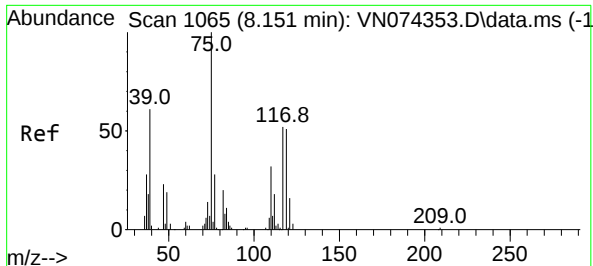


#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 8.898 min Scan# 1192
Delta R.T. 0.000 min
Lab File: VN074360.D
Acq: 08 Sep 2022 16:04



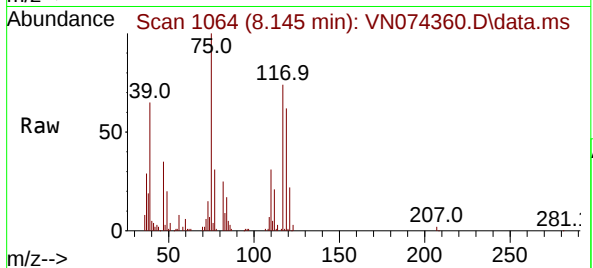
Tgt Ion:114 Resp: 378725
Ion Ratio Lower Upper
114 100
63 22.3 15.8 23.6
88 15.8 11.6 17.4





#29
1,1-Dichloropropene
Concen: 19.514 ug/l
RT: 8.145 min Scan# 1065
Delta R.T. -0.006 min
Lab File: VN074360.D
Acq: 08 Sep 2022 16:04

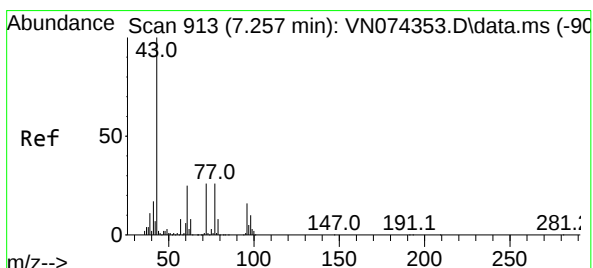
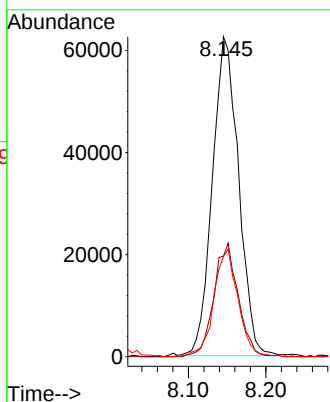
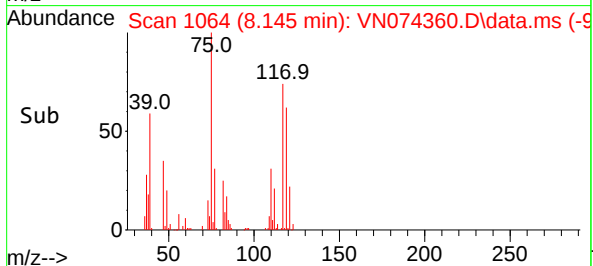
Instrument :
MSVOA_N
ClientSampleId :
VN0908WBS01



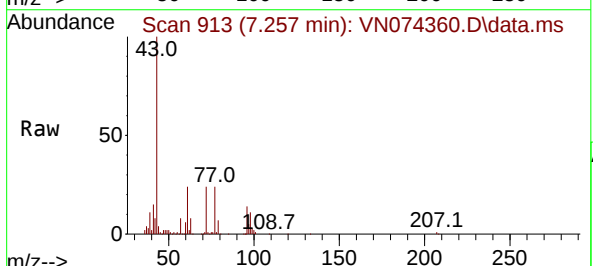
Tgt Ion: 75 Resp: 146915
Ion Ratio Lower Upper
75 100
110 32.9 0.0 74.2
77 31.1 0.0 63.2

Manual Integrations
APPROVED

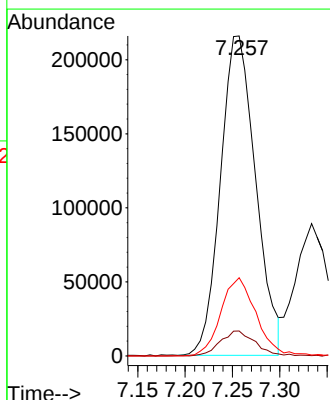
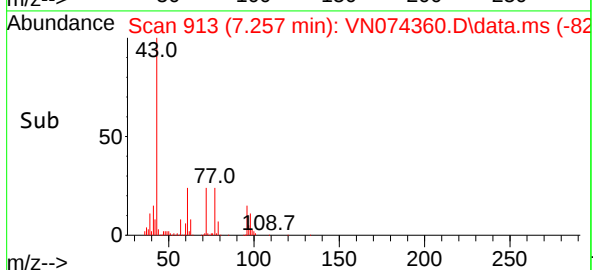
Reviewed By :John Carlone 09/09/2022
Supervised By :Mahesh Dadoda 09/09/2022

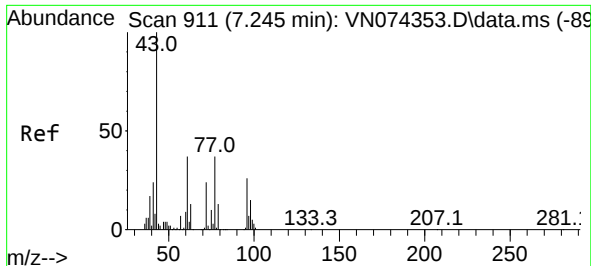


#30
2-Butanone
Concen: 104.812 ug/l
RT: 7.257 min Scan# 913
Delta R.T. 0.000 min
Lab File: VN074360.D
Acq: 08 Sep 2022 16:04



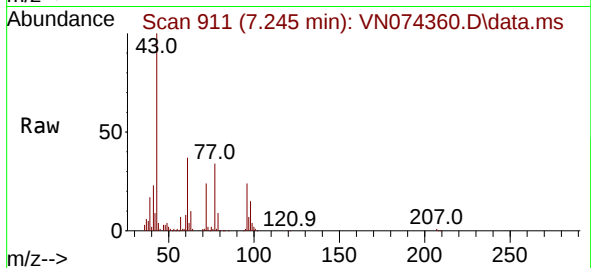
Tgt Ion: 43 Resp: 558799
Ion Ratio Lower Upper
43 100
57 7.6 6.7 10.1
72 24.4 23.2 34.8





#31
2,2-Dichloropropane
Concen: 19.606 ug/l
RT: 7.245 min Scan# 911
Delta R.T. 0.000 min
Lab File: VN074360.D
Acq: 08 Sep 2022 16:04

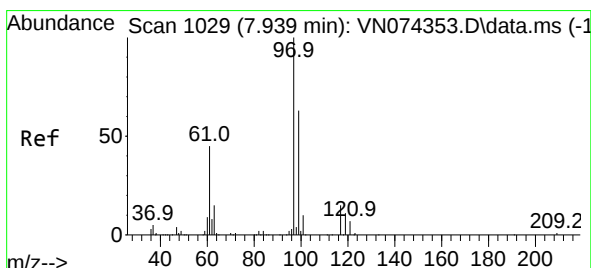
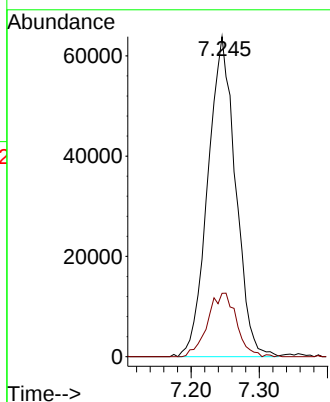
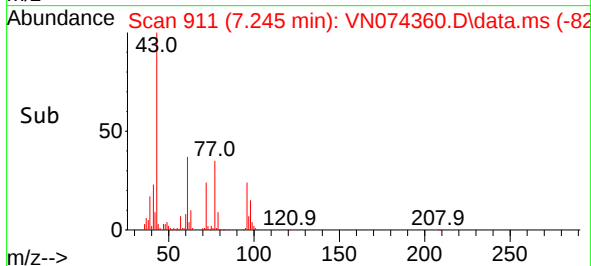
Instrument :
MSVOA_N
ClientSampleId :
VN0908WBS01



Tgt Ion: 77 Resp: 18061
Ion Ratio Lower Upper
77 100
97 20.6 18.3 27.5

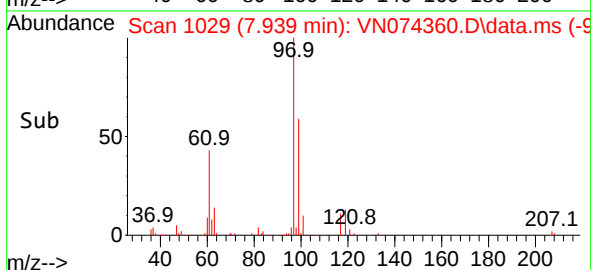
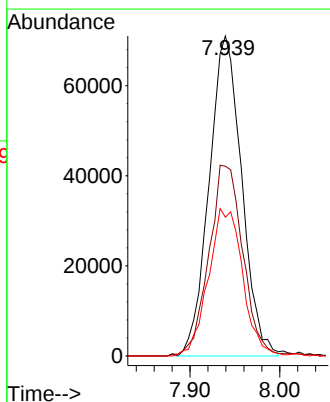
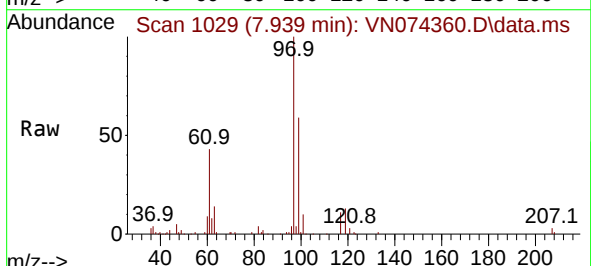
Manual Integrations
APPROVED

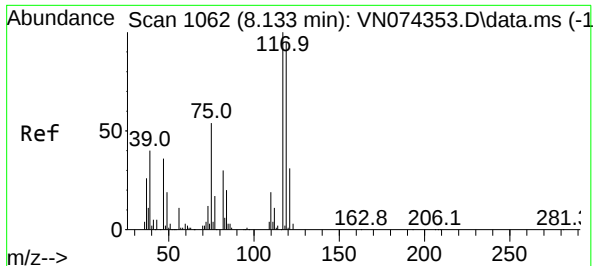
Reviewed By :John Carlone 09/09/2022
Supervised By :Mahesh Dadoda 09/09/2022



#32
1,1,1-Trichloroethane
Concen: 19.303 ug/l
RT: 7.939 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VN074360.D
Acq: 08 Sep 2022 16:04

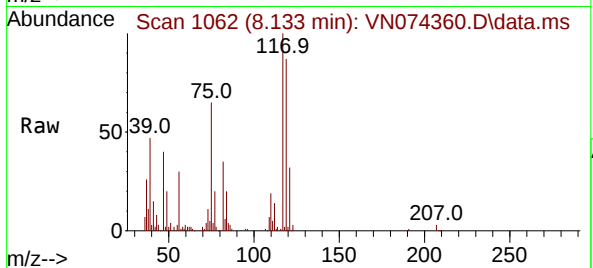
Tgt Ion: 97 Resp: 179141
Ion Ratio Lower Upper
97 100
99 61.8 50.4 75.6
61 48.3 34.6 51.8





#33
Carbon Tetrachloride
Concen: 19.503 ug/l
RT: 8.133 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VN074360.D
Acq: 08 Sep 2022 16:04

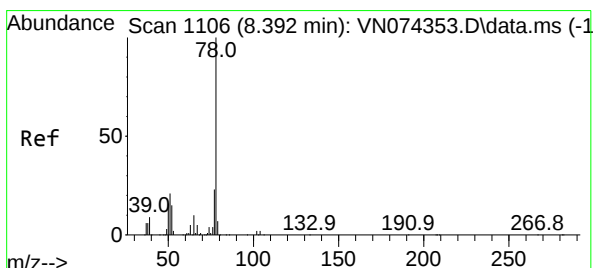
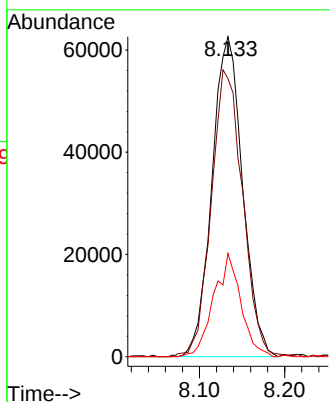
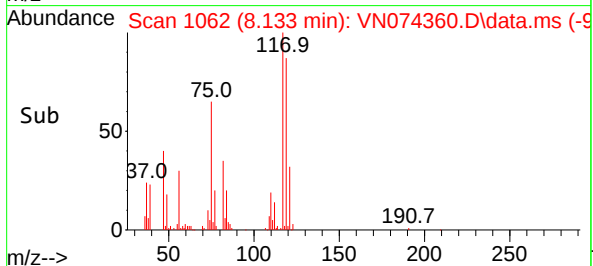
Instrument :
MSVOA_N
ClientSampleId :
VN0908WBS01



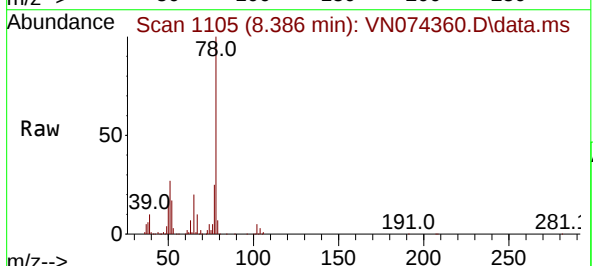
Tgt Ion: 117 Resp: 15661
Ion Ratio Lower Upper
117 100
119 86.0 77.5 116.3
121 32.2 23.5 35.3

Manual Integrations
APPROVED

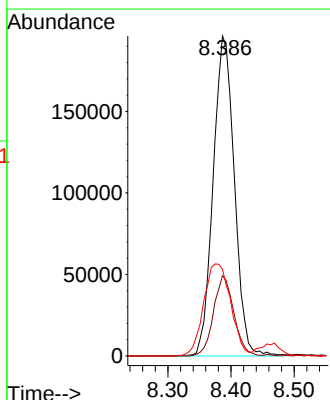
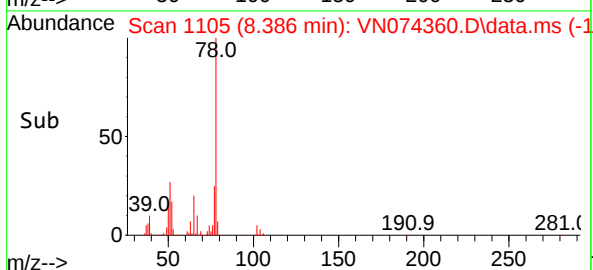
Reviewed By :John Carlone 09/09/2022
Supervised By :Mahesh Dadoda 09/09/2022

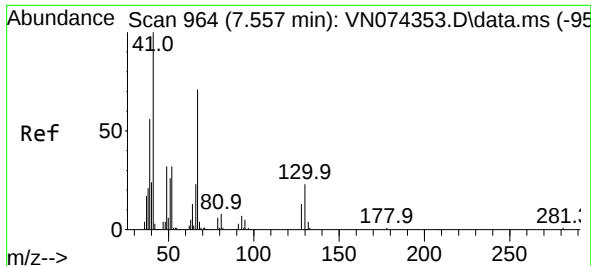


#34
Benzene
Concen: 19.812 ug/l
RT: 8.386 min Scan# 1105
Delta R.T. -0.006 min
Lab File: VN074360.D
Acq: 08 Sep 2022 16:04



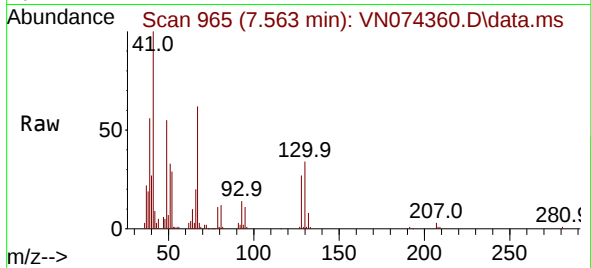
Tgt Ion: 78 Resp: 458572
Ion Ratio Lower Upper
78 100
77 24.9 19.1 28.7
51 26.8 16.0 24.0#





#35
Methacrylonitrile
Concen: 24.380 ug/l
RT: 7.563 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN074360.D
Acq: 08 Sep 2022 16:04

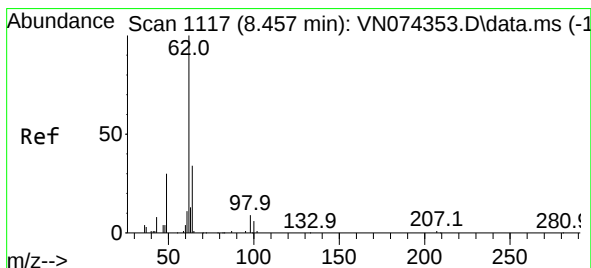
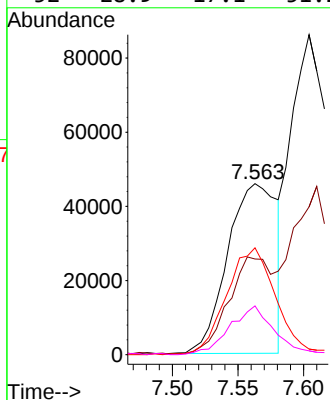
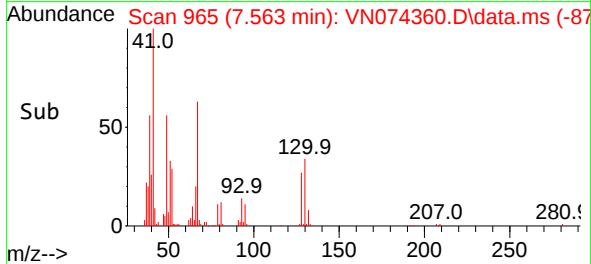
Instrument :
MSVOA_N
ClientSampleId :
VN0908WBS01



Tgt Ion: 41 Resp: 11943
Ion Ratio Lower Upper
41 100
39 55.7 28.0 83.9
67 62.6 37.7 113.1
52 28.9 17.1 51.2

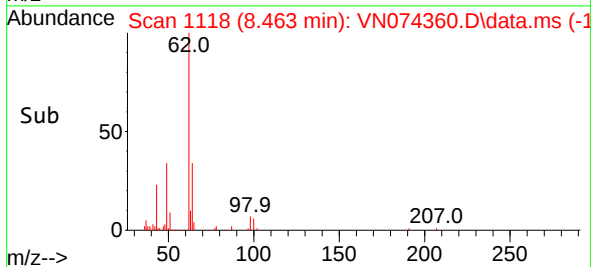
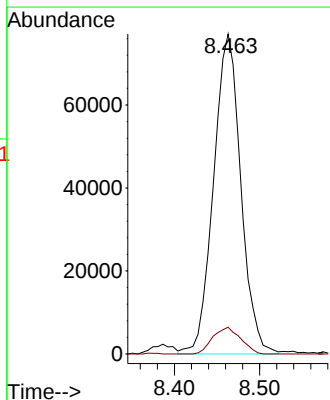
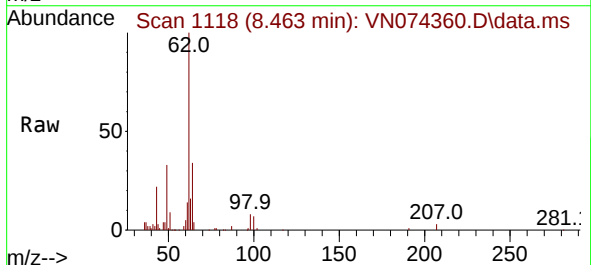
Manual Integrations
APPROVED

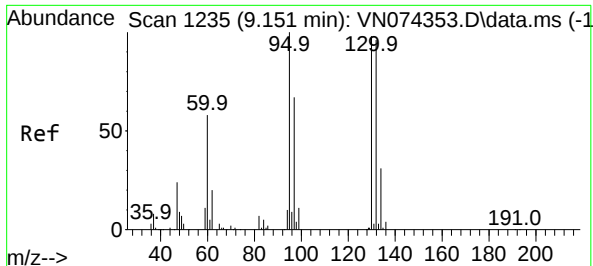
Reviewed By :John Carlone 09/09/2022
Supervised By :Mahesh Dadoda 09/09/2022



#36
1,2-Dichloroethane
Concen: 20.239 ug/l
RT: 8.463 min Scan# 1118
Delta R.T. 0.006 min
Lab File: VN074360.D
Acq: 08 Sep 2022 16:04

Tgt Ion: 62 Resp: 171393
Ion Ratio Lower Upper
62 100
98 8.6 6.6 10.0





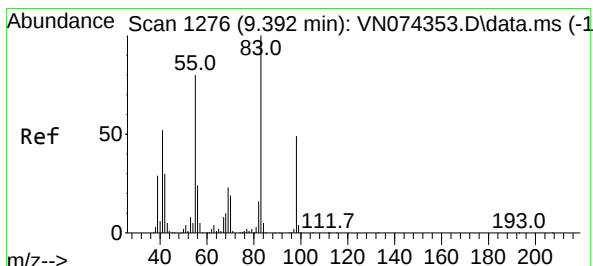
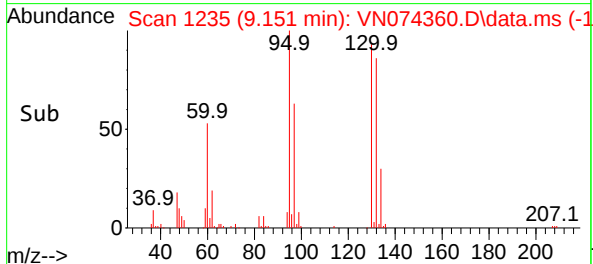
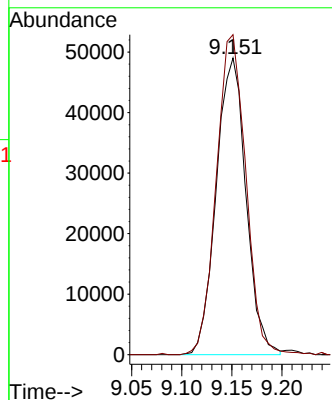
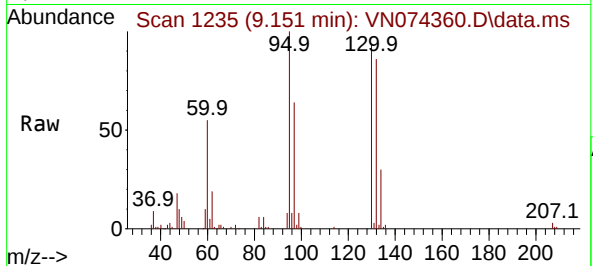
#37
Trichloroethene
Concen: 19.008 ug/l
RT: 9.151 min Scan# 1235
Delta R.T. 0.000 min
Lab File: VN074360.D
Acq: 08 Sep 2022 16:04

Instrument :
MSVOA_N
ClientSampleId :
VN0908WBS01

Tgt Ion:130 Resp: 101100
Ion Ratio Lower Upper
130 100
95 107.9 76.6 115.0

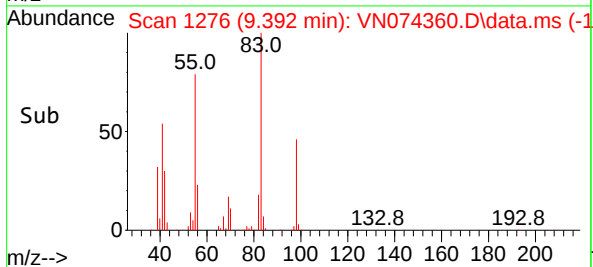
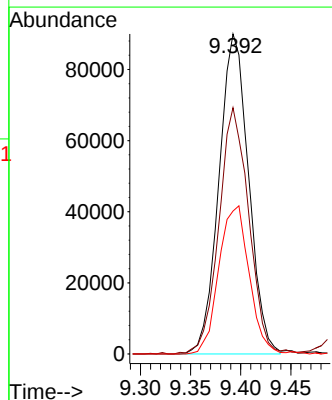
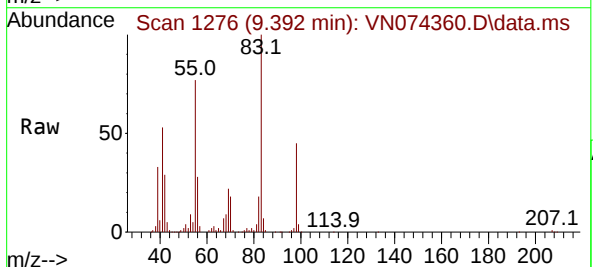
Manual Integrations
APPROVED

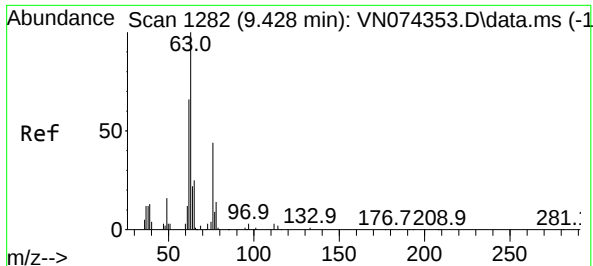
Reviewed By :John Carlone 09/09/2022
Supervised By :Mahesh Dadoda 09/09/2022



#38
Methylcyclohexane
Concen: 19.491 ug/l
RT: 9.392 min Scan# 1276
Delta R.T. 0.000 min
Lab File: VN074360.D
Acq: 08 Sep 2022 16:04

Tgt Ion: 83 Resp: 184720
Ion Ratio Lower Upper
83 100
55 77.3 35.1 105.3
98 47.3 23.4 70.2





#39

1,2-Dichloropropane

Concen: 20.262 ug/l

RT: 9.428 min Scan# 1282

Delta R.T. 0.000 min

Lab File: VN074360.D

Acq: 08 Sep 2022 16:04

Instrument :

MSVOA_N

ClientSampleId :

VN0908WBS01

Tgt Ion: 63 Resp: 12077

Ion Ratio Lower Upper

63 100

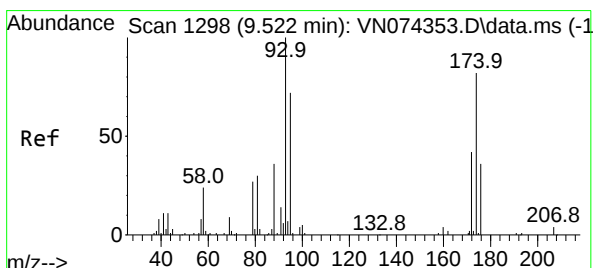
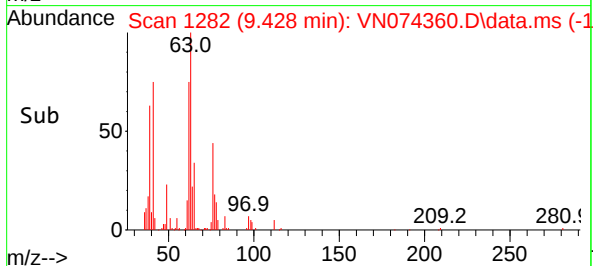
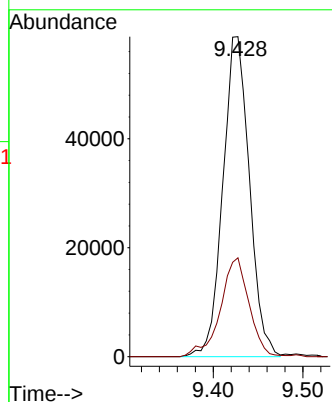
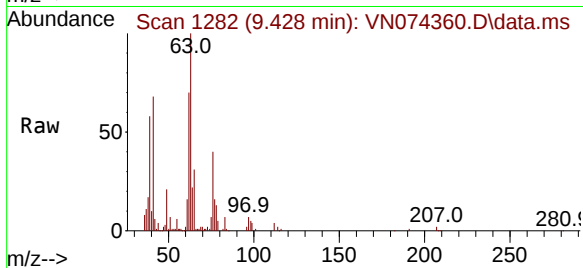
65 30.9 24.2 36.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/09/2022

Supervised By :Mahesh Dadoda 09/09/2022



#40

Dibromomethane

Concen: 19.563 ug/l

RT: 9.510 min Scan# 1296

Delta R.T. -0.012 min

Lab File: VN074360.D

Acq: 08 Sep 2022 16:04

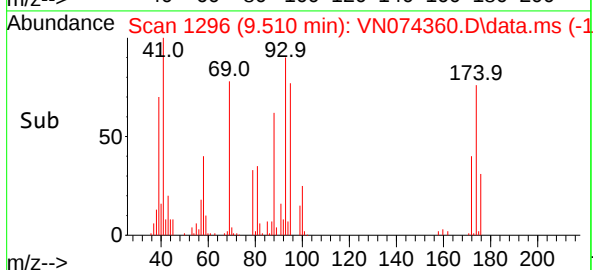
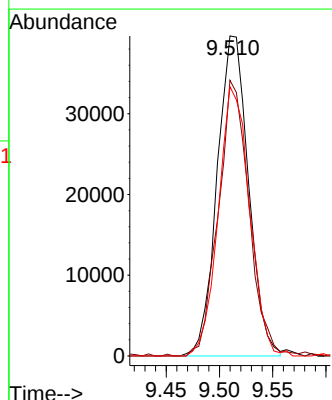
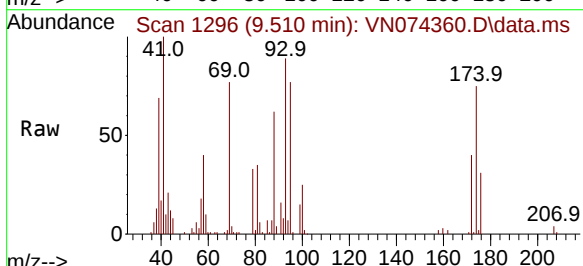
Tgt Ion: 93 Resp: 81131

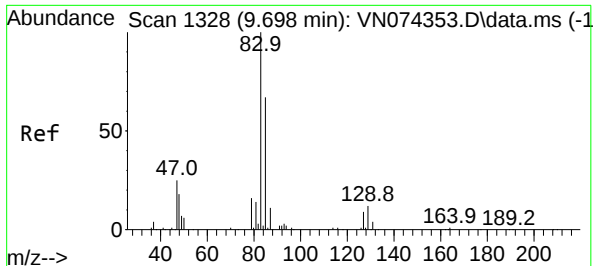
Ion Ratio Lower Upper

93 100

95 83.8 0.0 168.8

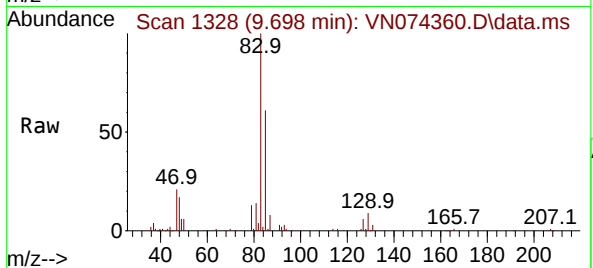
174 83.5 0.0 173.6





#41
Bromodichloromethane
Concen: 20.183 ug/l
RT: 9.698 min Scan# 1328
Delta R.T. 0.000 min
Lab File: VN074360.D
Acq: 08 Sep 2022 16:04

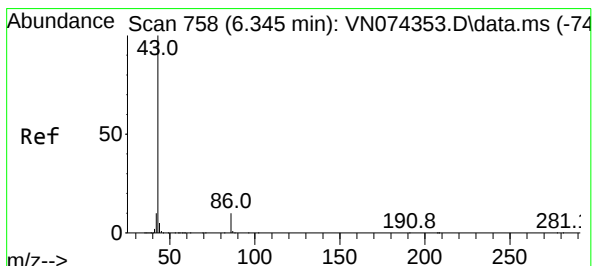
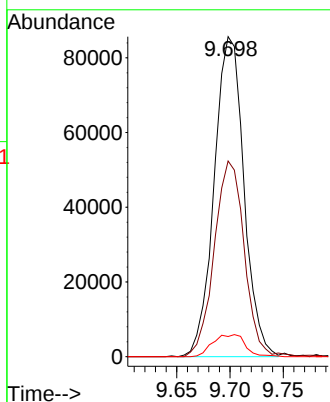
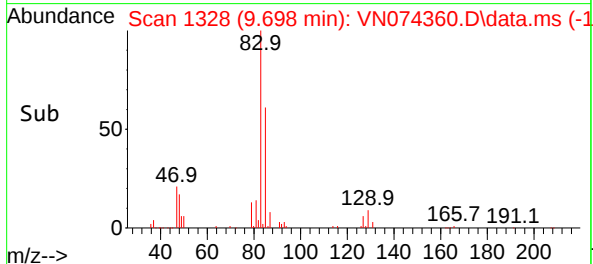
Instrument :
MSVOA_N
ClientSampleId :
VN0908WBS01



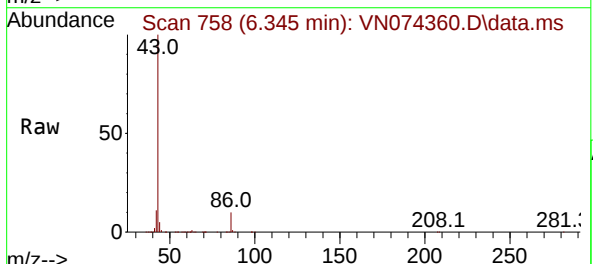
Tgt Ion: 83 Resp: 166330
Ion Ratio Lower Upper
83 100
85 61.2 54.1 81.1
127 6.3 7.6 11.4

Manual Integrations
APPROVED

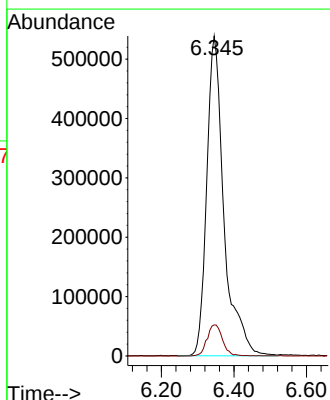
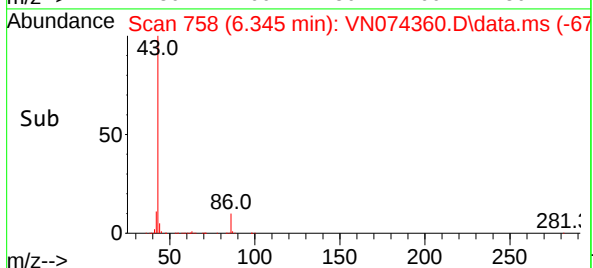
Reviewed By :John Carlone 09/09/2022
Supervised By :Mahesh Dadoda 09/09/2022

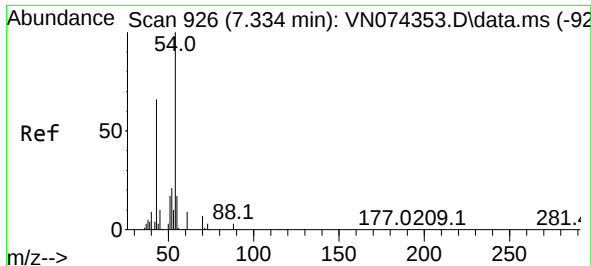


#42
Vinyl Acetate
Concen: 100.964 ug/l
RT: 6.345 min Scan# 758
Delta R.T. 0.000 min
Lab File: VN074360.D
Acq: 08 Sep 2022 16:04



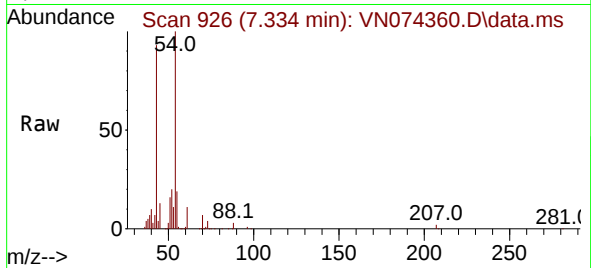
Tgt Ion: 43 Resp: 1776643
Ion Ratio Lower Upper
43 100
86 8.7 7.5 11.3





#43
Ethyl Acetate
Concen: 19.460 ug/l
RT: 7.334 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN074360.D
Acq: 08 Sep 2022 16:04

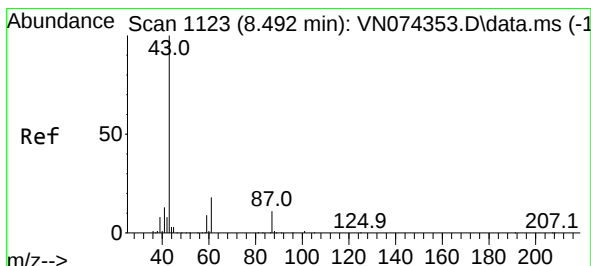
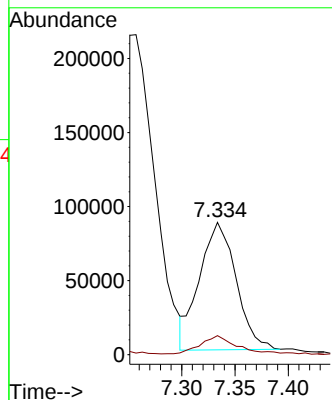
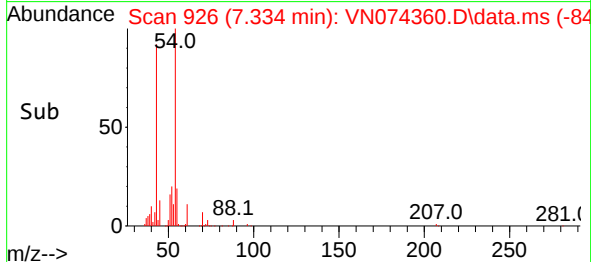
Instrument :
MSVOA_N
ClientSampleId :
VN0908WBS01



Tgt Ion: 43 Resp: 205879
Ion Ratio Lower Upper
43 100
45 13.7 10.6 16.0

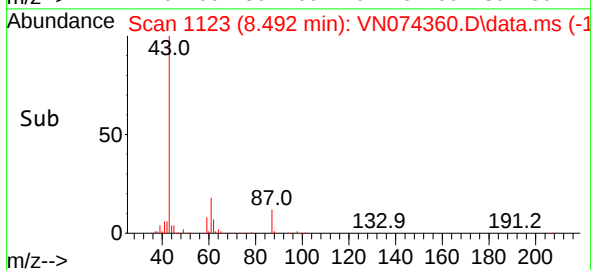
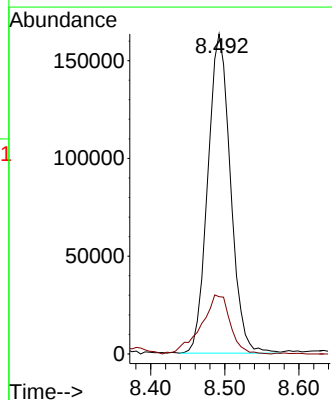
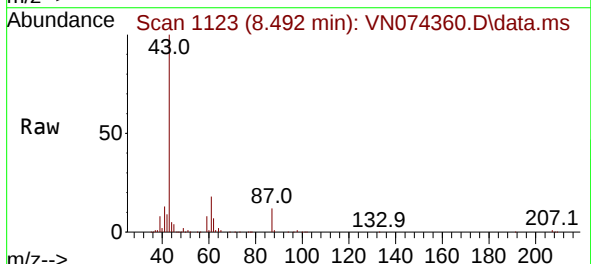
Manual Integrations
APPROVED

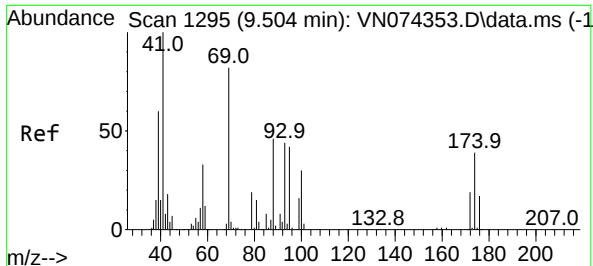
Reviewed By :John Carlone 09/09/2022
Supervised By :Mahesh Dadoda 09/09/2022



#44
Isopropyl Acetate
Concen: 20.639 ug/l
RT: 8.492 min Scan# 1123
Delta R.T. 0.000 min
Lab File: VN074360.D
Acq: 08 Sep 2022 16:04

Tgt Ion: 43 Resp: 347029
Ion Ratio Lower Upper
43 100
61 23.7 20.1 30.1





#45

1,4-Dioxane

Concen: 402.828 ug/l

RT: 9.504 min Scan# 1295

Delta R.T. 0.000 min

Lab File: VN074360.D

Acq: 08 Sep 2022 16:04

Instrument :

MSVOA_N

ClientSampleId :

VN0908WBS01

Tgt Ion: 88 Resp: 6269

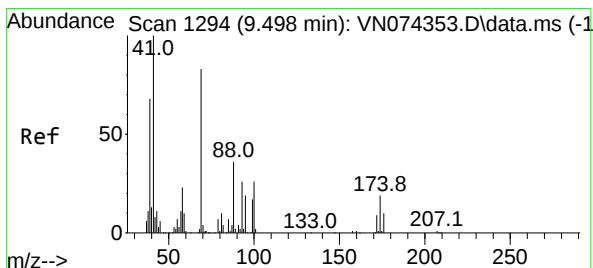
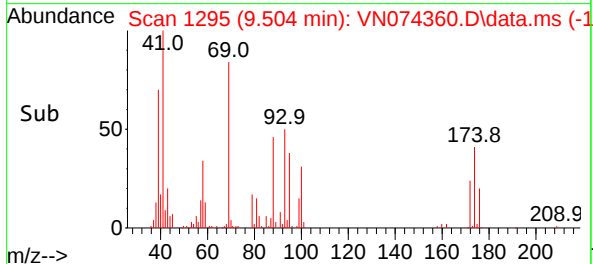
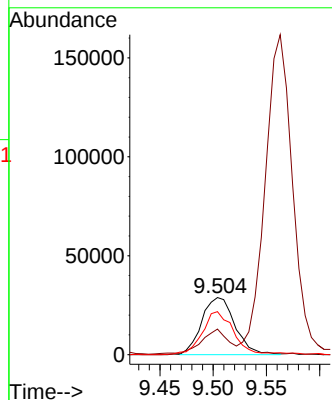
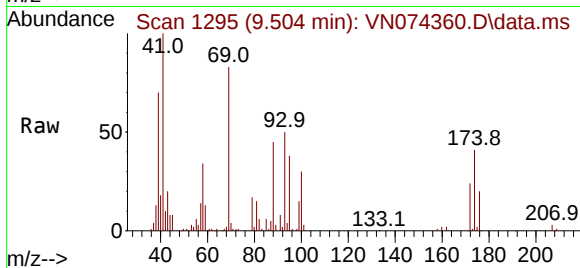
Ion	Ratio	Lower	Upper
88	100		
43	32.2	25.0	37.6
58	70.0	49.4	74.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/09/2022

Supervised By :Mahesh Dadoda 09/09/2022



#46

Methyl methacrylate

Concen: 20.251 ug/l

RT: 9.492 min Scan# 1293

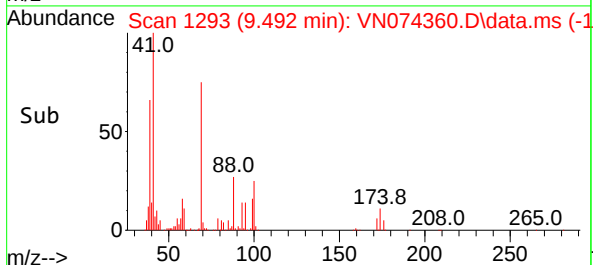
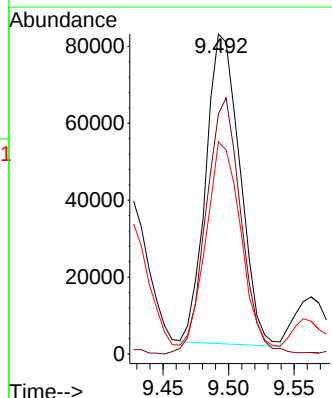
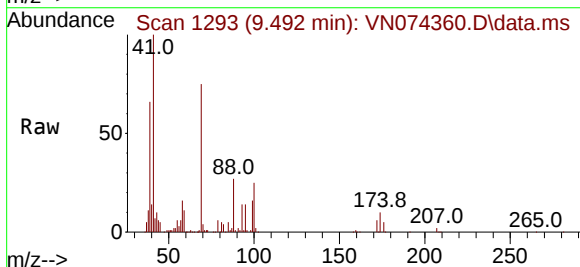
Delta R.T. -0.006 min

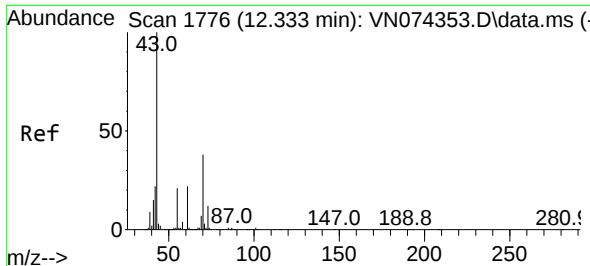
Lab File: VN074360.D

Acq: 08 Sep 2022 16:04

Tgt Ion: 41 Resp: 145626

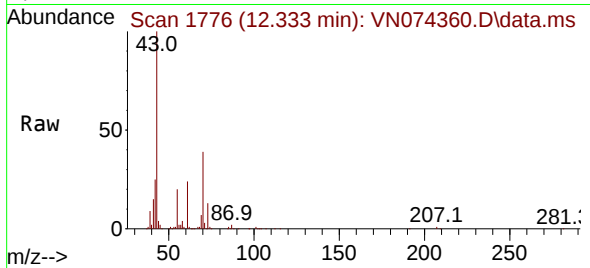
Ion	Ratio	Lower	Upper
41	100		
69	76.2	44.4	133.2
39	66.4	39.9	119.6





#47
n-amy1 Acetate
Concen: 19.962 ug/l
RT: 12.333 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN074360.D
Acq: 08 Sep 2022 16:04

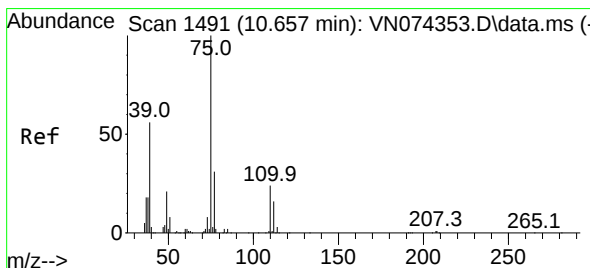
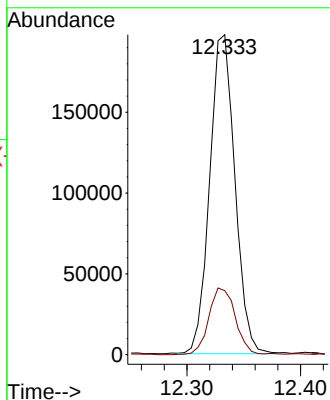
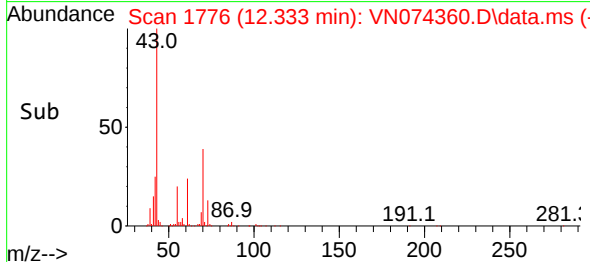
Instrument :
MSVOA_N
ClientSampleId :
VN0908WBS01



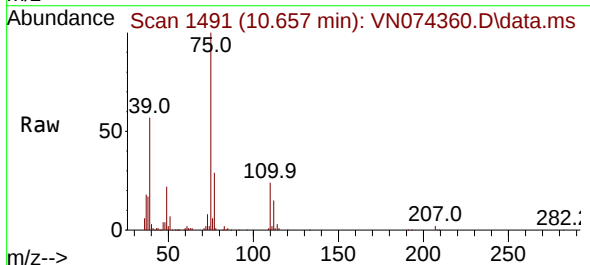
Tgt Ion: 43 Resp: 305064
Ion Ratio Lower Upper
43 100
55 21.9 19.0 28.6

Manual Integrations
APPROVED

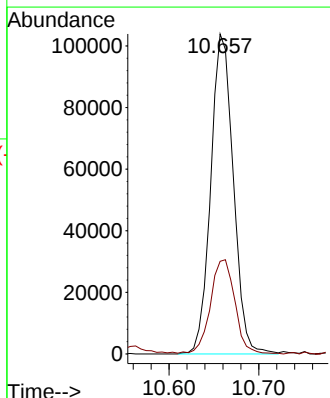
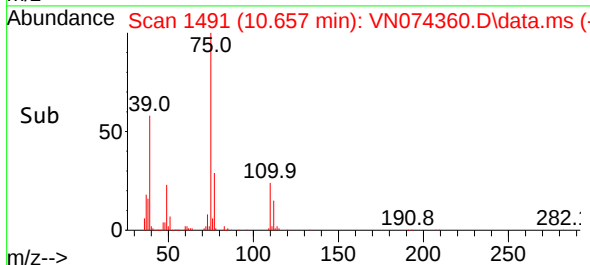
Reviewed By :John Carlone 09/09/2022
Supervised By :Mahesh Dadoda 09/09/2022

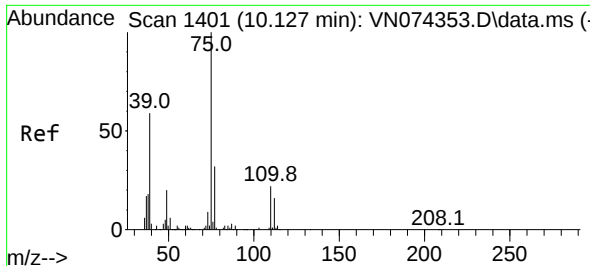


#48
t-1,3-Dichloropropene
Concen: 18.878 ug/l
RT: 10.657 min Scan# 1491
Delta R.T. 0.000 min
Lab File: VN074360.D
Acq: 08 Sep 2022 16:04



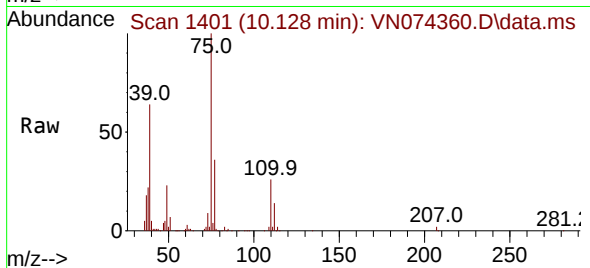
Tgt Ion: 75 Resp: 181719
Ion Ratio Lower Upper
75 100
77 28.8 25.3 37.9





#49
cis-1,3-Dichloropropene
Concen: 19.134 ug/l
RT: 10.128 min Scan# 1401
Delta R.T. 0.000 min
Lab File: VN074360.D
Acq: 08 Sep 2022 16:04

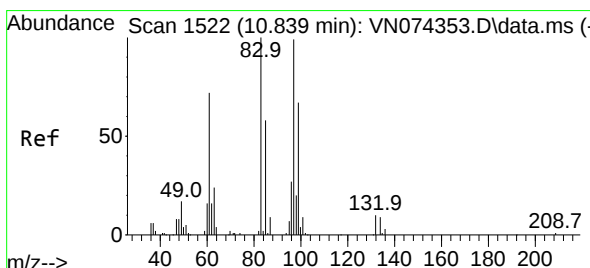
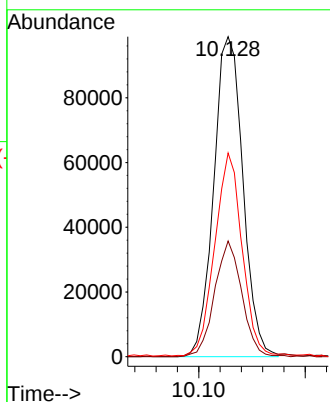
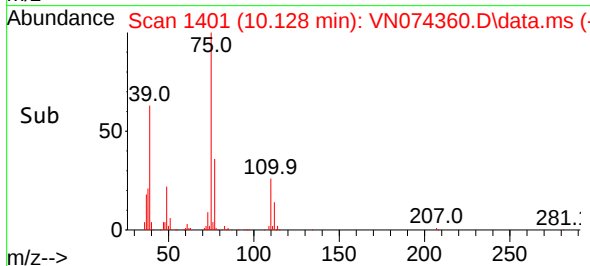
Instrument :
MSVOA_N
ClientSampleId :
VN0908WBS01



Tgt Ion: 75 Resp: 18796
Ion Ratio Lower Upper
75 100
77 36.1 25.3 37.9
39 63.3 46.2 69.4

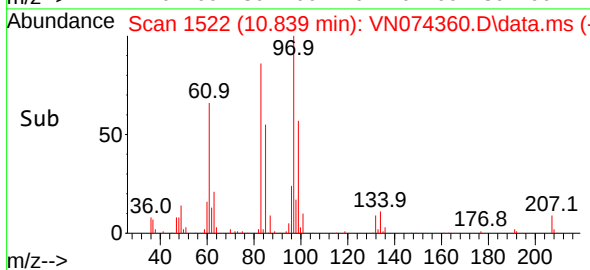
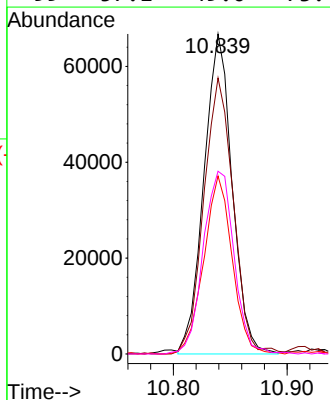
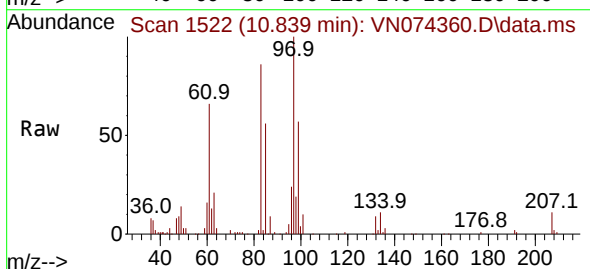
Manual Integrations
APPROVED

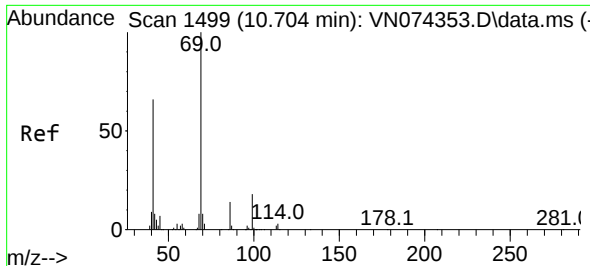
Reviewed By :John Carlone 09/09/2022
Supervised By :Mahesh Dadoda 09/09/2022



#50
1,1,2-Trichloroethane
Concen: 19.678 ug/l
RT: 10.839 min Scan# 1522
Delta R.T. 0.000 min
Lab File: VN074360.D
Acq: 08 Sep 2022 16:04

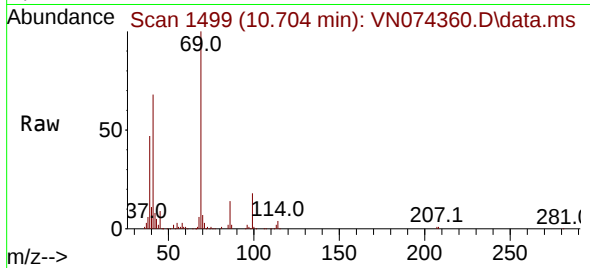
Tgt Ion: 97 Resp: 115454
Ion Ratio Lower Upper
97 100
83 86.2 67.2 100.8
85 55.7 43.0 64.4
99 57.1 49.0 73.4





#51
Ethyl methacrylate
Concen: 19.172 ug/l
RT: 10.704 min Scan# 1499
Delta R.T. 0.000 min
Lab File: VN074360.D
Acq: 08 Sep 2022 16:04

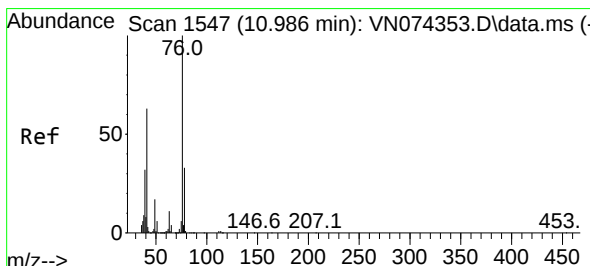
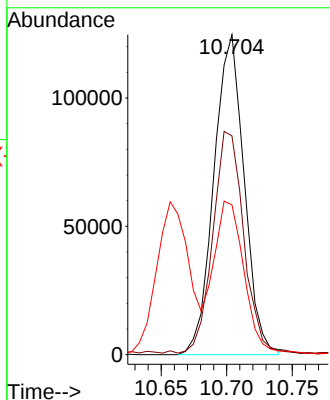
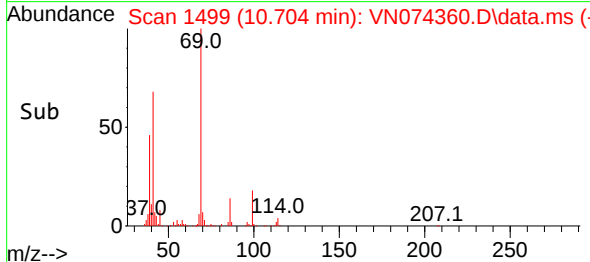
Instrument :
MSVOA_N
ClientSampleId :
VN0908WBS01



Tgt Ion: 69 Resp: 200134
Ion Ratio Lower Upper
69 100
41 67.8 33.0 98.9
39 45.7 25.4 76.4

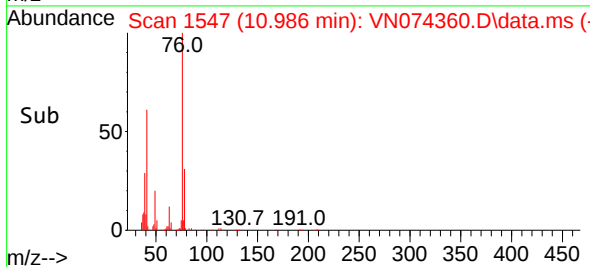
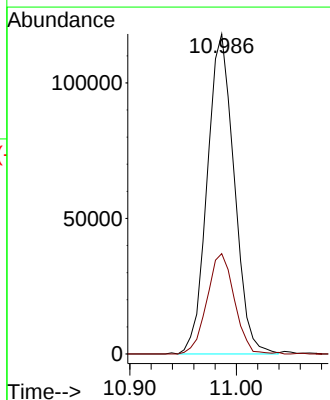
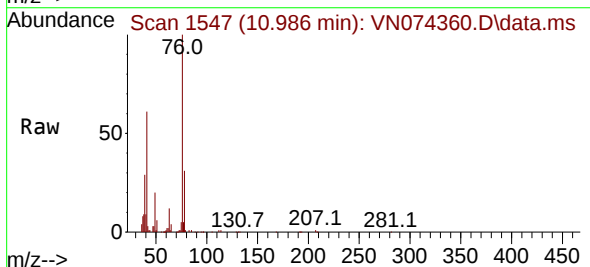
Manual Integrations
APPROVED

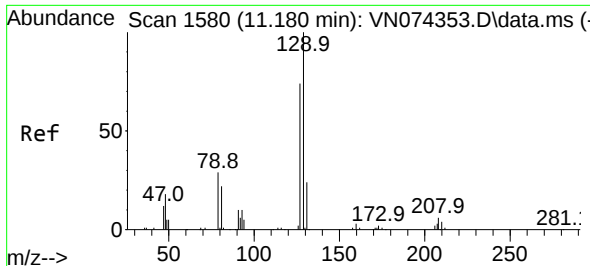
Reviewed By :John Carlone 09/09/2022
Supervised By :Mahesh Dadoda 09/09/2022



#52
1,3-Dichloropropane
Concen: 20.374 ug/l
RT: 10.986 min Scan# 1547
Delta R.T. 0.000 min
Lab File: VN074360.D
Acq: 08 Sep 2022 16:04

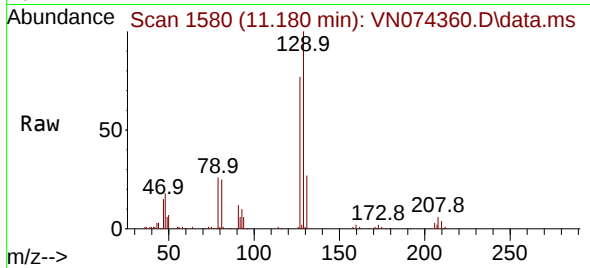
Tgt Ion: 76 Resp: 207315
Ion Ratio Lower Upper
76 100
78 31.6 0.0 65.4





#53
Dibromochloromethane
Concen: 18.849 ug/l
RT: 11.180 min Scan# 1580
Delta R.T. 0.000 min
Lab File: VN074360.D
Acq: 08 Sep 2022 16:04

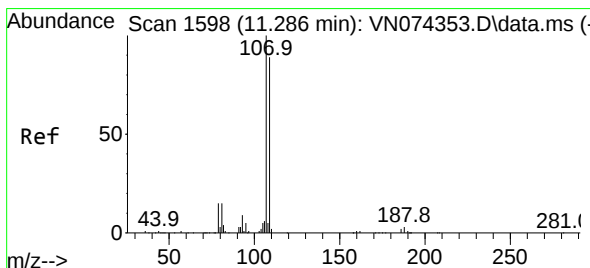
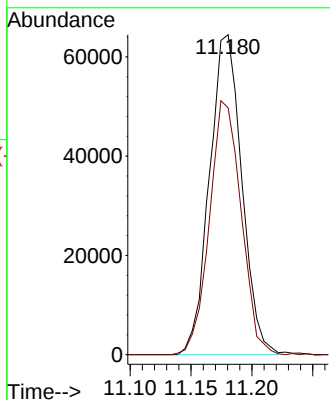
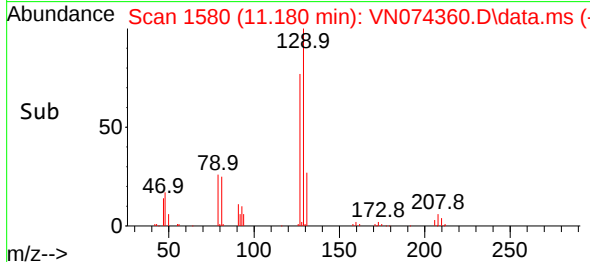
Instrument :
MSVOA_N
ClientSampleId :
VN0908WBS01



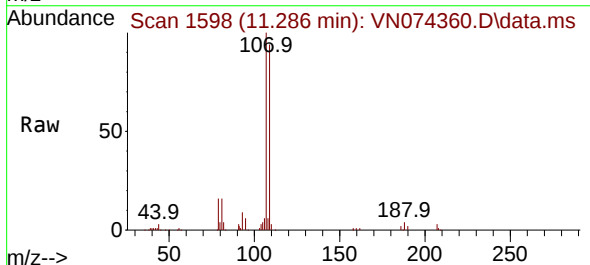
Tgt Ion:129 Resp: 118915
Ion Ratio Lower Upper
129 100
127 77.7 39.0 117.0

Manual Integrations
APPROVED

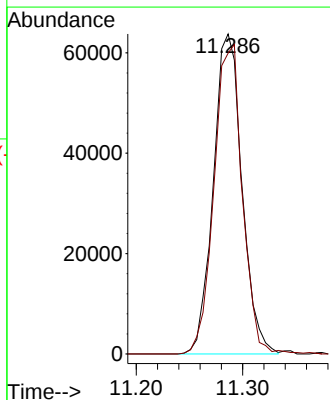
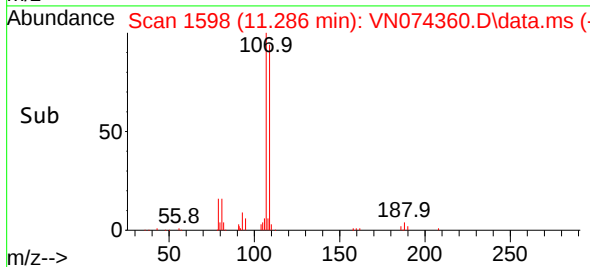
Reviewed By :John Carlone 09/09/2022
Supervised By :Mahesh Dadoda 09/09/2022

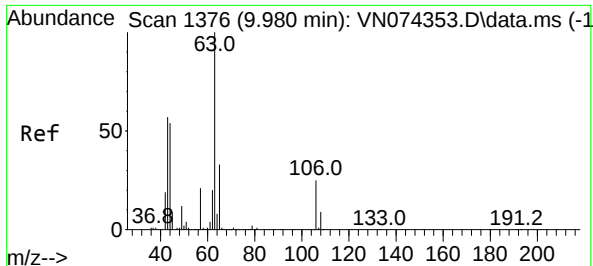


#54
1,2-Dibromoethane
Concen: 19.364 ug/l
RT: 11.286 min Scan# 1598
Delta R.T. 0.000 min
Lab File: VN074360.D
Acq: 08 Sep 2022 16:04



Tgt Ion:107 Resp: 119093
Ion Ratio Lower Upper
107 100
109 95.0 72.8 109.2





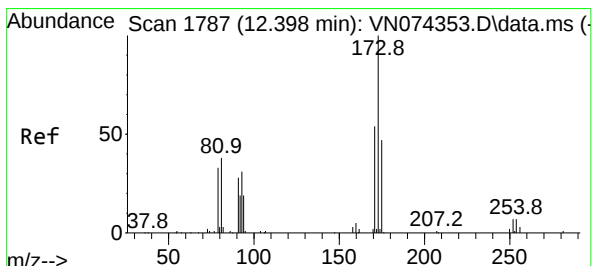
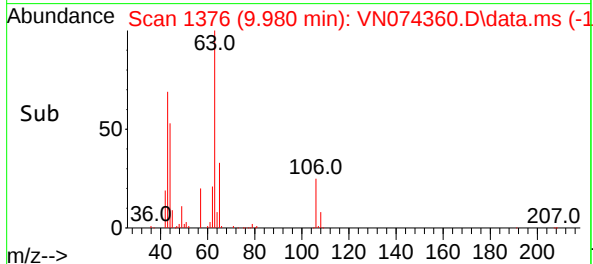
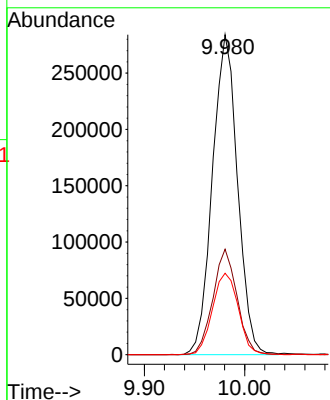
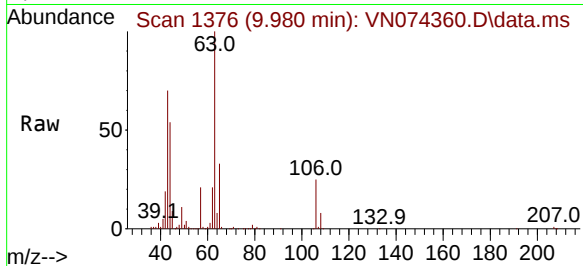
#55
2-Chloroethyl vinyl ether
Concen: 98.546 ug/l
RT: 9.980 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VN074360.D
Acq: 08 Sep 2022 16:04

Instrument :
MSVOA_N
ClientSampleId :
VN0908WBS01

Tgt Ion: 63 Resp: 49414
Ion Ratio Lower Upper
63 100
65 31.8 25.4 38.0
106 26.3 23.2 34.8

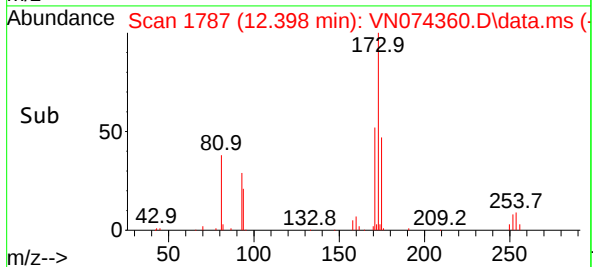
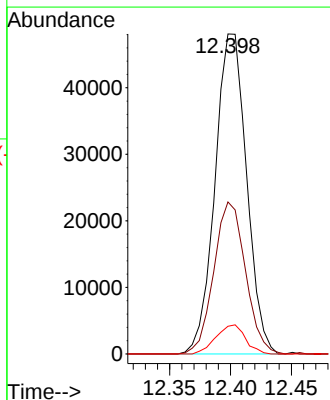
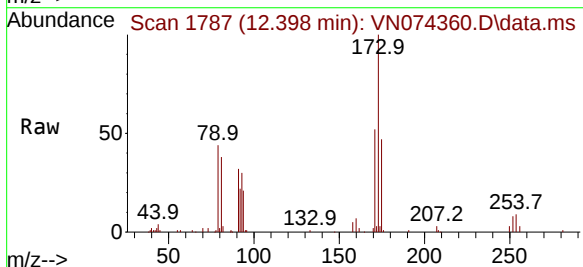
Manual Integrations
APPROVED

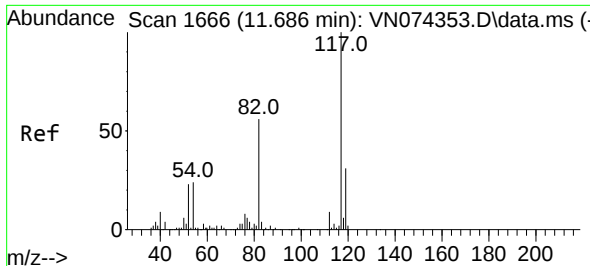
Reviewed By :John Carlone 09/09/2022
Supervised By :Mahesh Dadoda 09/09/2022



#56
Bromoform
Concen: 18.067 ug/l
RT: 12.398 min Scan# 1787
Delta R.T. 0.000 min
Lab File: VN074360.D
Acq: 08 Sep 2022 16:04

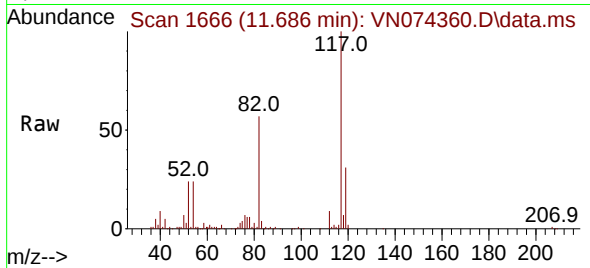
Tgt Ion:173 Resp: 86826
Ion Ratio Lower Upper
173 100
175 47.5 38.6 58.0
254 8.5 0.0 0.0#





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.686 min Scan# 1666
Delta R.T. 0.000 min
Lab File: VN074360.D
Acq: 08 Sep 2022 16:04

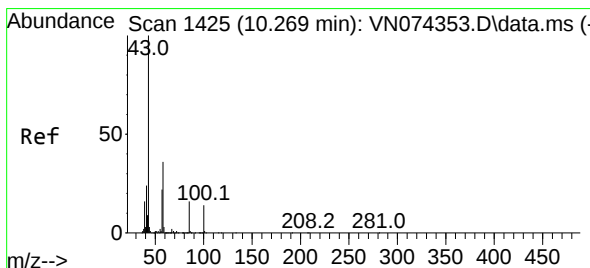
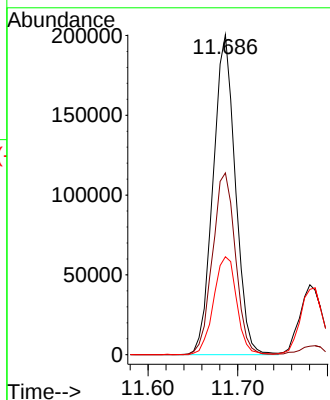
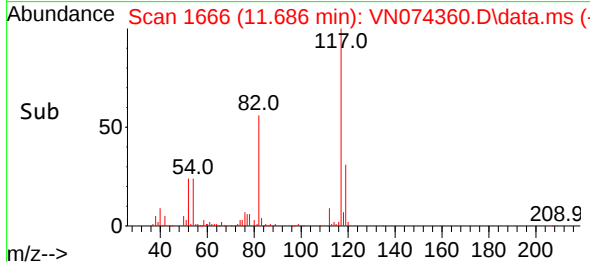
Instrument :
MSVOA_N
ClientSampleId :
VN0908WBS01



Tgt Ion: 117 Resp: 34552
Ion Ratio Lower Upper
117 100
82 58.6 43.6 65.4
119 31.8 25.8 38.6

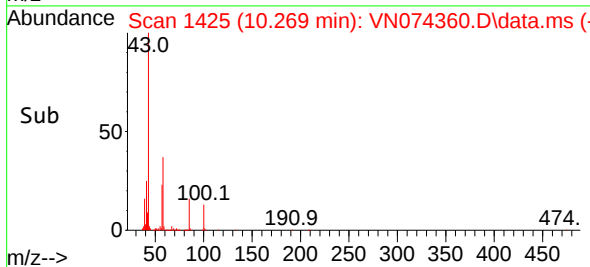
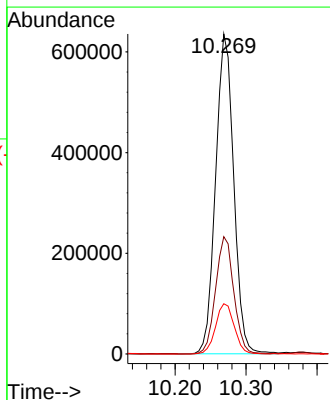
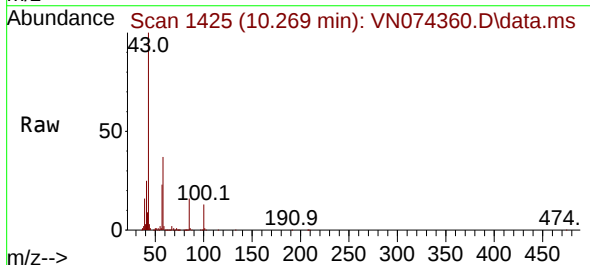
Manual Integrations
APPROVED

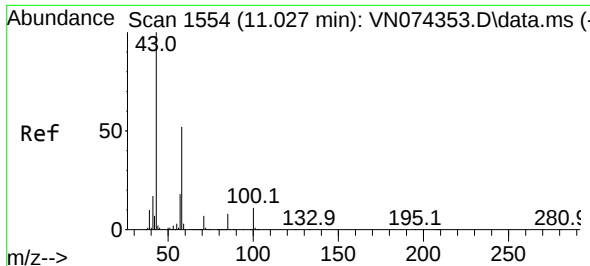
Reviewed By :John Carlone 09/09/2022
Supervised By :Mahesh Dadoda 09/09/2022



#58
4-Methyl-2-Pentanone
Concen: 104.474 ug/l
RT: 10.269 min Scan# 1425
Delta R.T. 0.000 min
Lab File: VN074360.D
Acq: 08 Sep 2022 16:04

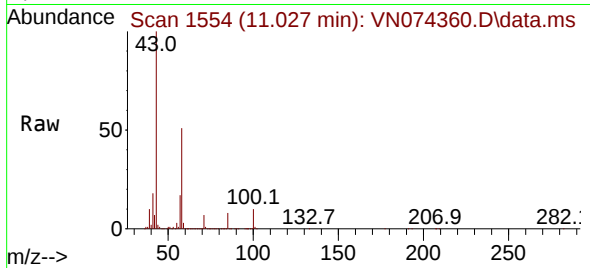
Tgt Ion: 43 Resp: 1122051
Ion Ratio Lower Upper
43 100
58 37.0 30.0 45.0
85 16.2 15.0 22.6





#59
2-Hexanone
Concen: 106.512 ug/l
RT: 11.027 min Scan# 1554
Delta R.T. 0.000 min
Lab File: VN074360.D
Acq: 08 Sep 2022 16:04

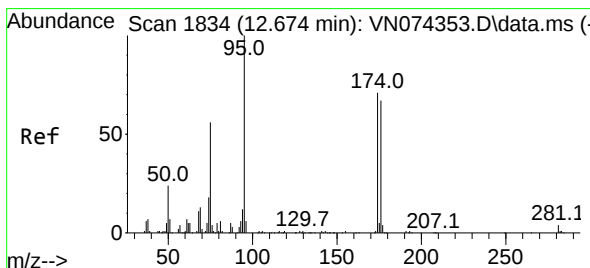
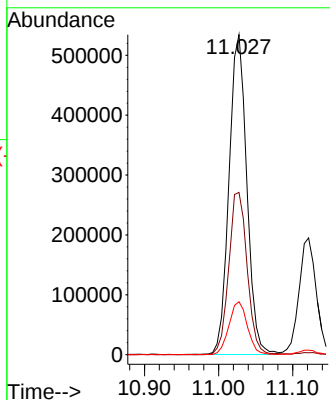
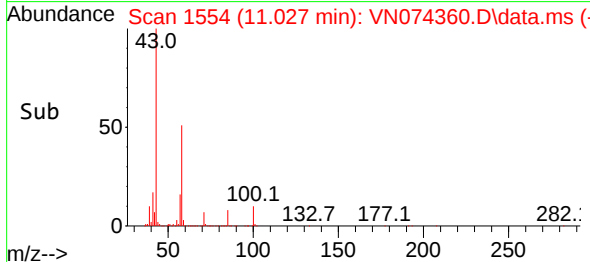
Instrument :
MSVOA_N
ClientSampleId :
VN0908WBS01



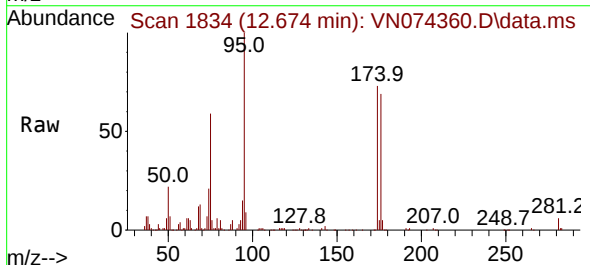
Tgt Ion: 43 Resp: 89127
Ion Ratio Lower Upper
43 100
58 52.3 42.2 63.2
57 17.2 15.0 22.4

Manual Integrations
APPROVED

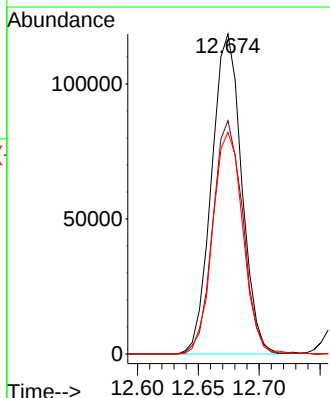
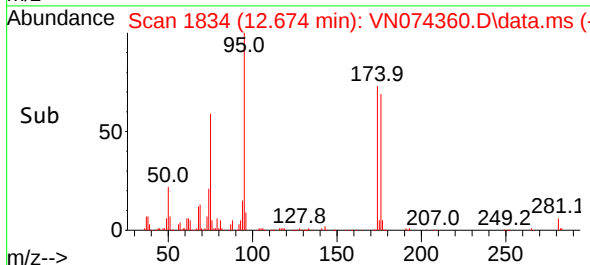
Reviewed By :John Carlone 09/09/2022
Supervised By :Mahesh Dadoda 09/09/2022

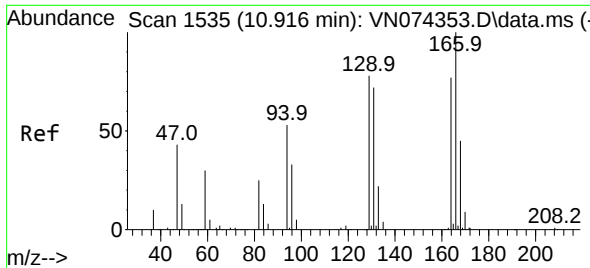


#60
4-Bromofluorobenzene
Concen: 29.442 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN074360.D
Acq: 08 Sep 2022 16:04



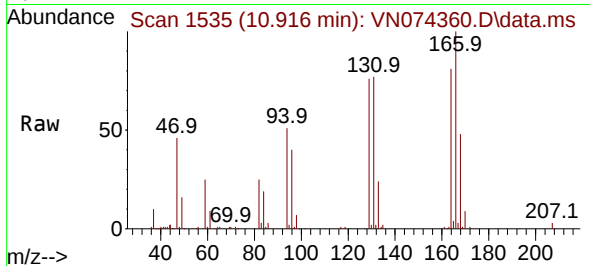
Tgt Ion: 95 Resp: 203437
Ion Ratio Lower Upper
95 100
174 72.8 62.9 94.3
176 69.4 61.0 91.4





#61
Tetrachloroethene
Concen: 19.312 ug/l
RT: 10.916 min Scan# 1535
Delta R.T. 0.000 min
Lab File: VN074360.D
Acq: 08 Sep 2022 16:04

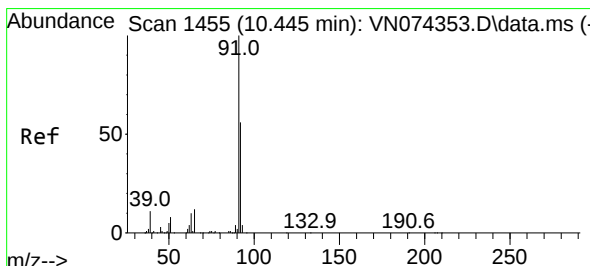
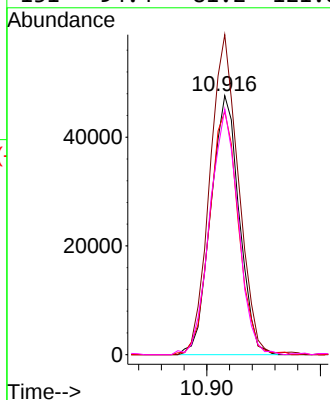
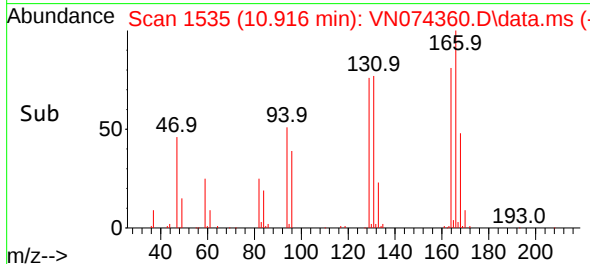
Instrument :
MSVOA_N
ClientSampleId :
VN0908WBS01



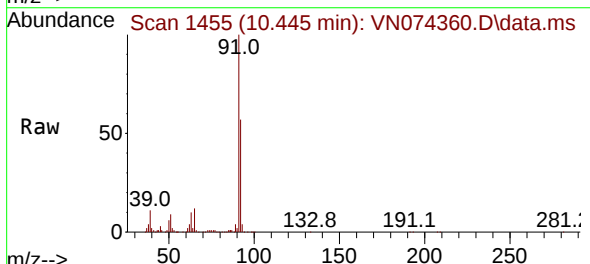
Tgt Ion:164 Resp: 8278
Ion Ratio Lower Upper
164 100
166 123.5 105.8 158.8
129 93.1 82.5 123.7
131 94.4 81.2 121.8

Manual Integrations
APPROVED

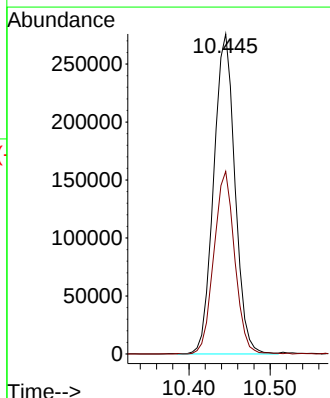
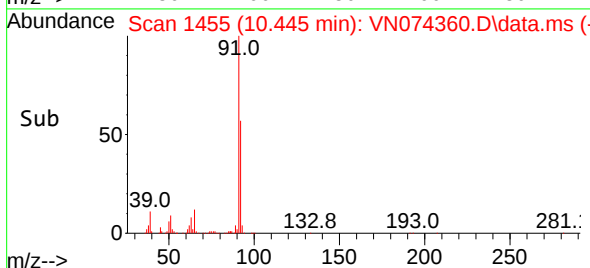
Reviewed By :John Carlone 09/09/2022
Supervised By :Mahesh Dadoda 09/09/2022

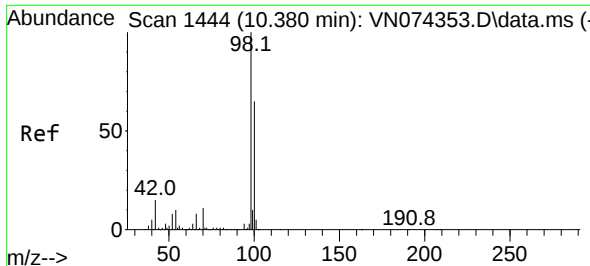


#62
Toluene
Concen: 20.066 ug/l
RT: 10.445 min Scan# 1455
Delta R.T. 0.000 min
Lab File: VN074360.D
Acq: 08 Sep 2022 16:04



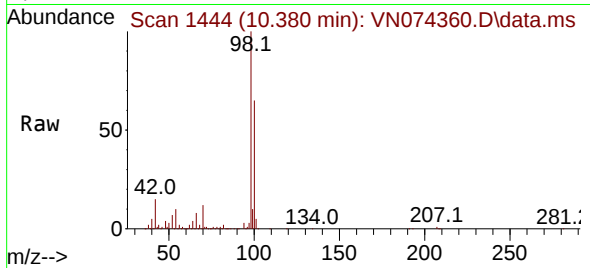
Tgt Ion: 91 Resp: 501273
Ion Ratio Lower Upper
91 100
92 55.8 44.6 67.0





#63
Toluene-d8
Concen: 30.574 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN074360.D
Acq: 08 Sep 2022 16:04

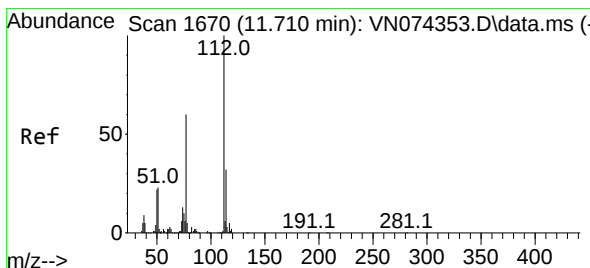
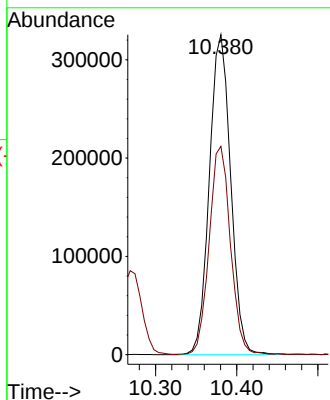
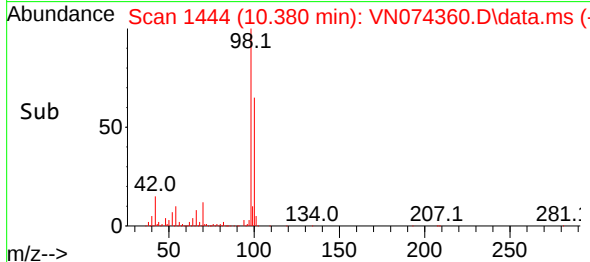
Instrument :
MSVOA_N
ClientSampleId :
VN0908WBS01



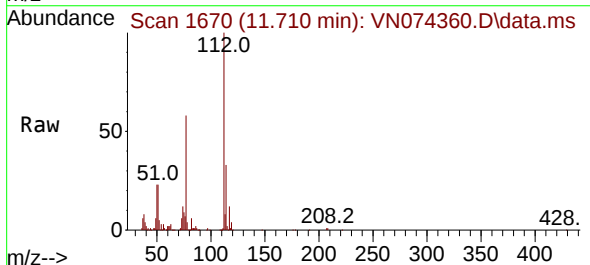
Tgt Ion: 98 Resp: 593370
Ion Ratio Lower Upper
98 100
100 65.1 50.6 76.0

Manual Integrations
APPROVED

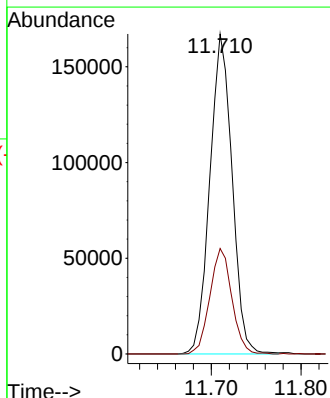
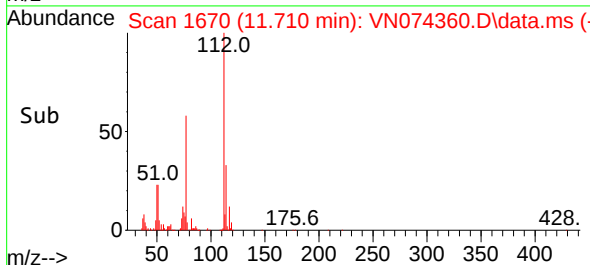
Reviewed By :John Carlone 09/09/2022
Supervised By :Mahesh Dadoda 09/09/2022

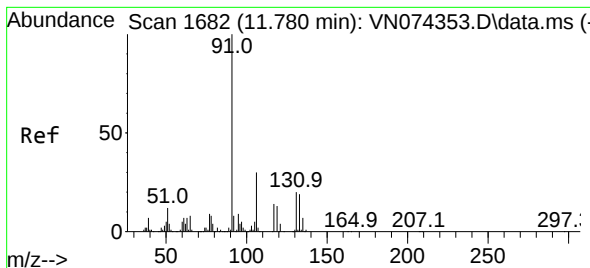


#64
Chlorobenzene
Concen: 19.438 ug/l
RT: 11.710 min Scan# 1670
Delta R.T. 0.000 min
Lab File: VN074360.D
Acq: 08 Sep 2022 16:04



Tgt Ion:112 Resp: 287352
Ion Ratio Lower Upper
112 100
114 33.0 25.8 38.6





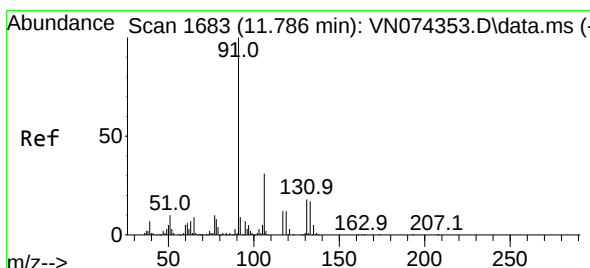
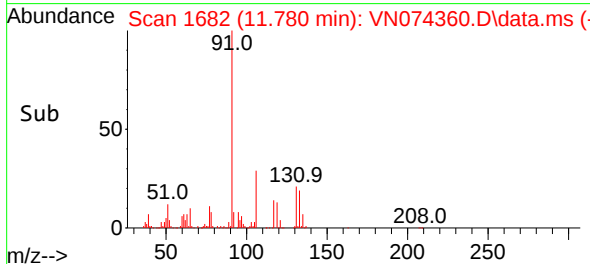
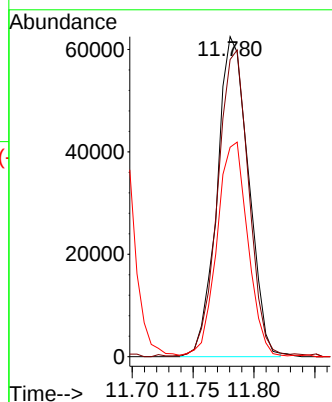
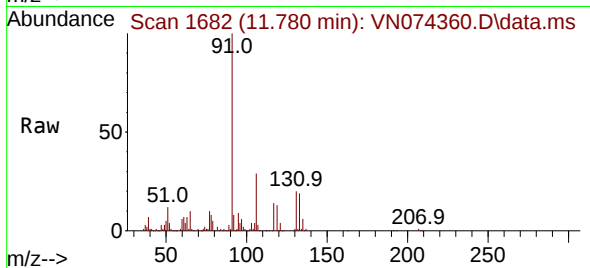
#65
1,1,1,2-Tetrachloroethane
Concen: 20.110 ug/l
RT: 11.780 min Scan# 1682
Delta R.T. 0.000 min
Lab File: VN074360.D
Acq: 08 Sep 2022 16:04

Instrument :
MSVOA_N
ClientSampleId :
VN0908WBS01

Tgt Ion:131 Resp: 11259
Ion Ratio Lower Upper
131 100
133 94.3 0.0 191.2
119 65.7 0.0 128.8

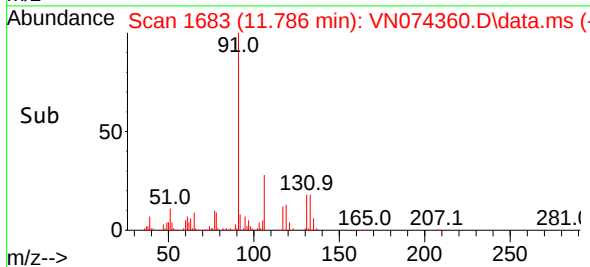
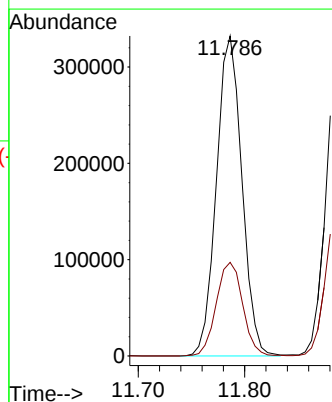
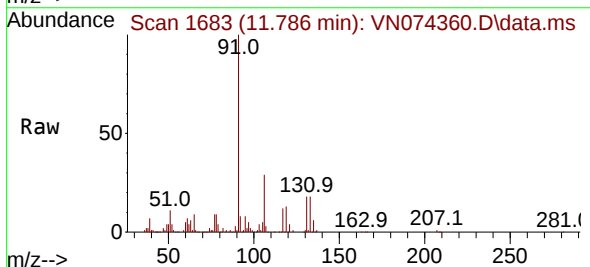
Manual Integrations
APPROVED

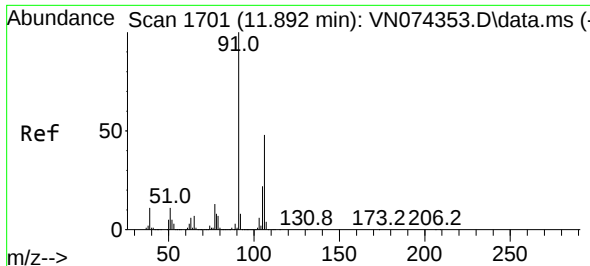
Reviewed By :John Carlone 09/09/2022
Supervised By :Mahesh Dadoda 09/09/2022



#66
Ethyl Benzene
Concen: 19.944 ug/l
RT: 11.786 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VN074360.D
Acq: 08 Sep 2022 16:04

Tgt Ion: 91 Resp: 551040
Ion Ratio Lower Upper
91 100
106 29.3 24.0 36.0





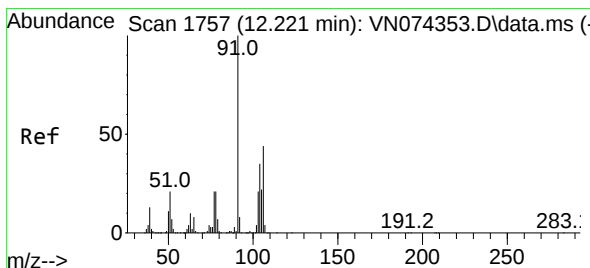
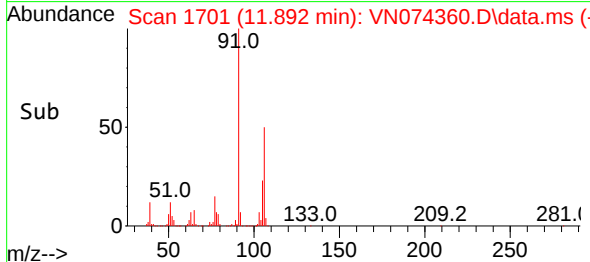
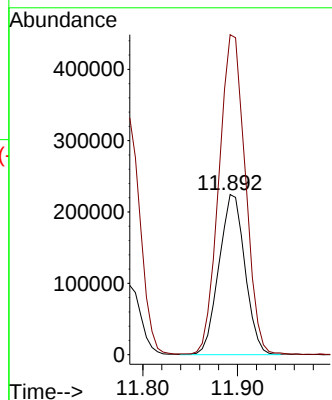
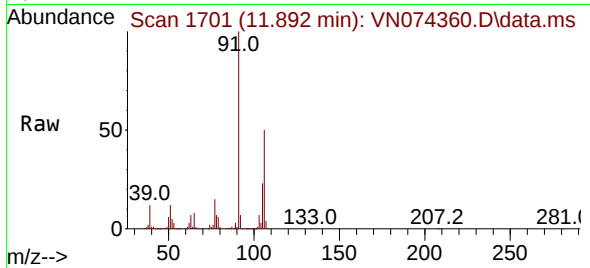
#67
m/p-Xylenes
Concen: 40.706 ug/l
RT: 11.892 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN074360.D
Acq: 08 Sep 2022 16:04

Instrument :
MSVOA_N
ClientSampleId :
VN0908WBS01

Tgt Ion:106 Resp: 428820
Ion Ratio Lower Upper
106 100
91 203.0 162.9 244.3

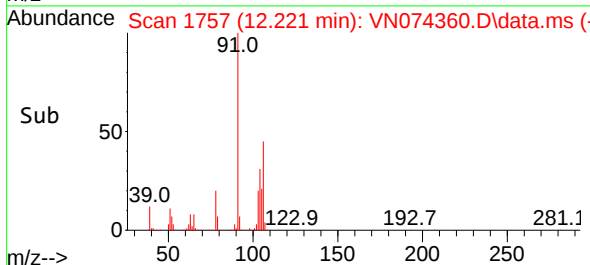
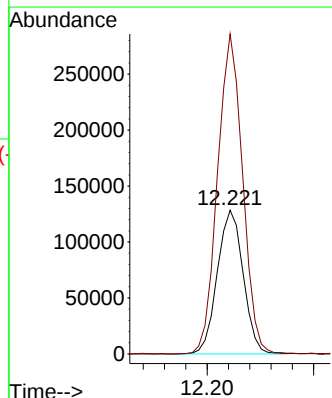
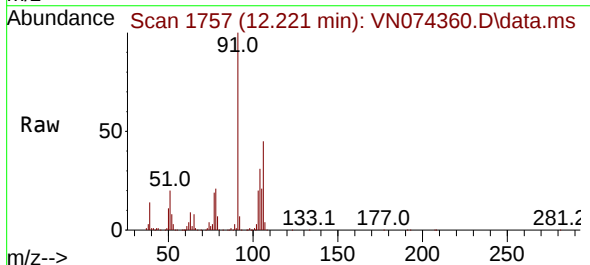
Manual Integrations
APPROVED

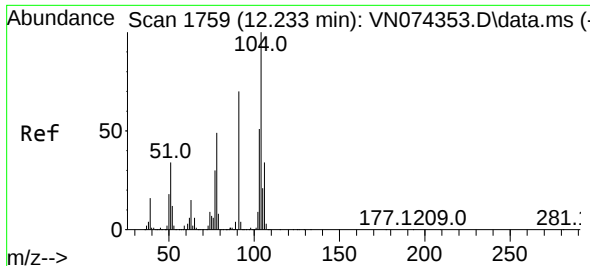
Reviewed By :John Carlone 09/09/2022
Supervised By :Mahesh Dadoda 09/09/2022



#68
o-Xylene
Concen: 20.109 ug/l
RT: 12.221 min Scan# 1757
Delta R.T. 0.000 min
Lab File: VN074360.D
Acq: 08 Sep 2022 16:04

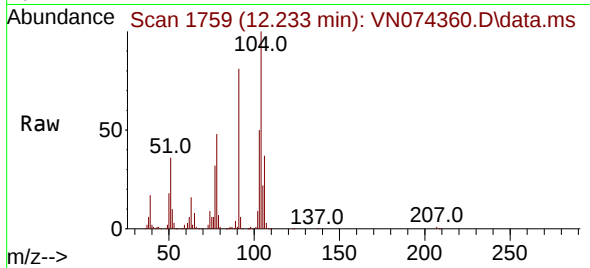
Tgt Ion:106 Resp: 216207
Ion Ratio Lower Upper
106 100
91 216.3 107.7 323.1





#69
Styrene
Concen: 19.021 ug/l
RT: 12.233 min Scan# 1759
Delta R.T. 0.000 min
Lab File: VN074360.D
Acq: 08 Sep 2022 16:04

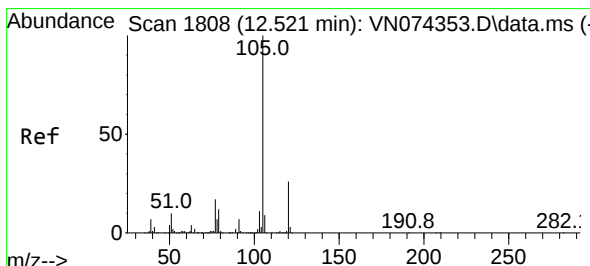
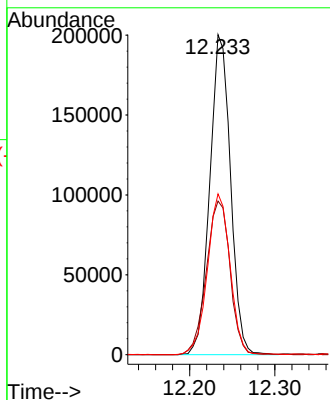
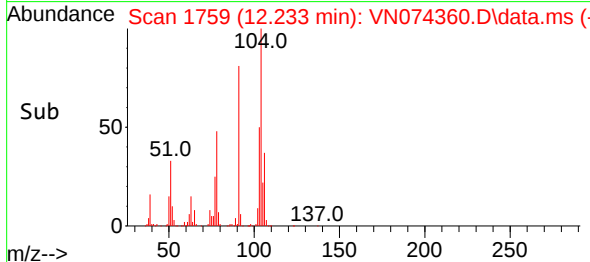
Instrument :
MSVOA_N
ClientSampleId :
VN0908WBS01



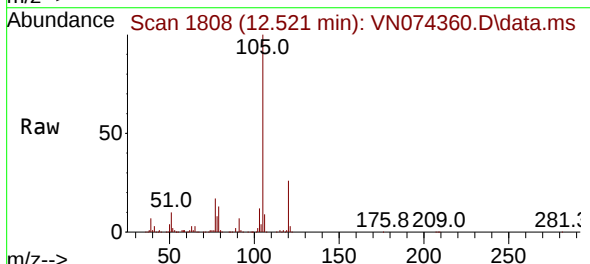
Tgt Ion:104 Resp: 33829
Ion Ratio Lower Upper
104 100
78 54.8 40.7 61.1
103 54.5 45.8 68.8

Manual Integrations
APPROVED

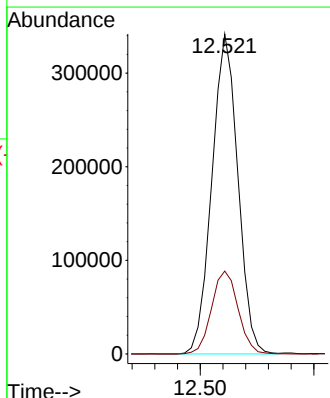
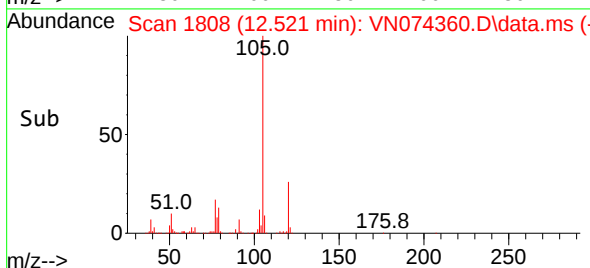
Reviewed By :John Carlone 09/09/2022
Supervised By :Mahesh Dadoda 09/09/2022

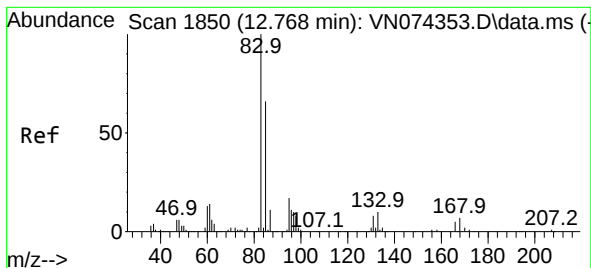


#70
Isopropylbenzene
Concen: 19.422 ug/l
RT: 12.521 min Scan# 1808
Delta R.T. 0.000 min
Lab File: VN074360.D
Acq: 08 Sep 2022 16:04



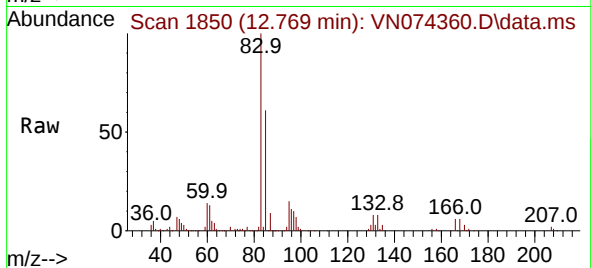
Tgt Ion:105 Resp: 542306
Ion Ratio Lower Upper
105 100
120 26.4 18.3 34.1





#71
1,1,2,2-Tetrachloroethane
Concen: 20.496 ug/l
RT: 12.769 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VN074360.D
Acq: 08 Sep 2022 16:04

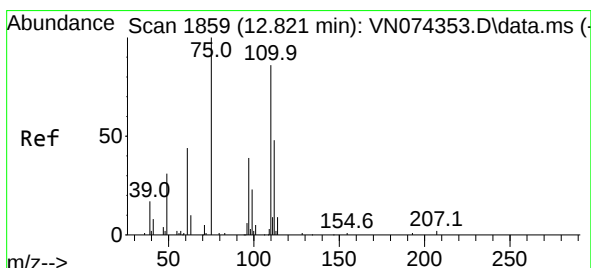
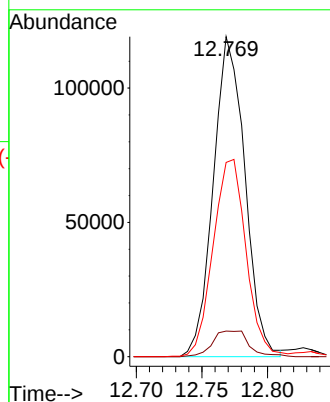
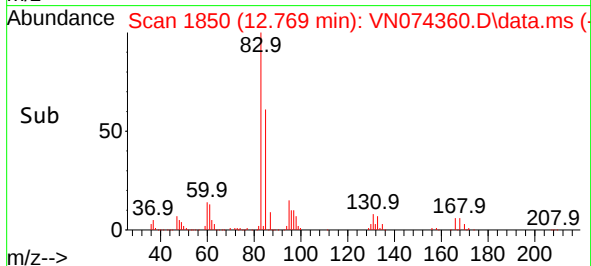
Instrument :
MSVOA_N
ClientSampleId :
VN0908WBS01



Tgt Ion: 83 Resp: 199572
Ion Ratio Lower Upper
83 100
131 6.1 5.1 15.3
85 64.3 33.1 99.2

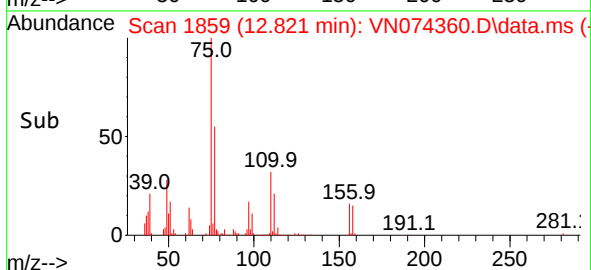
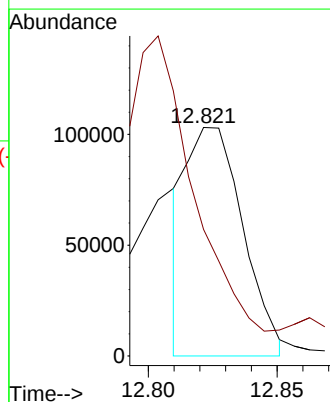
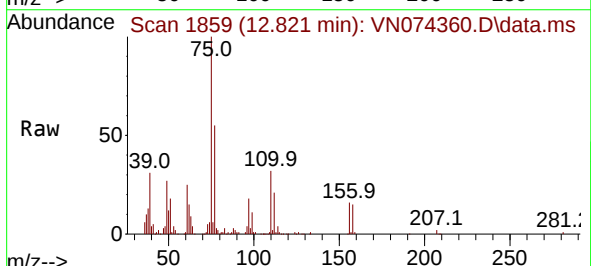
Manual Integrations
APPROVED

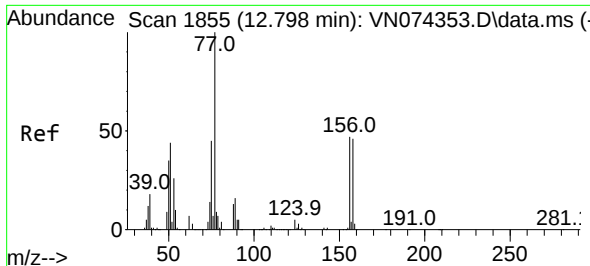
Reviewed By :John Carlone 09/09/2022
Supervised By :Mahesh Dadoda 09/09/2022



#72
1,2,3-Trichloropropane
Concen: 19.770 ug/l m
RT: 12.821 min Scan# 1859
Delta R.T. 0.000 min
Lab File: VN074360.D
Acq: 08 Sep 2022 16:04

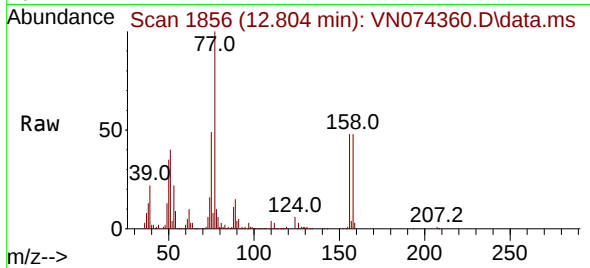
Tgt Ion: 75 Resp: 158104
Ion Ratio Lower Upper
75 100
77 184.3 0.0 378.0





#73
Bromobenzene
Concen: 19.371 ug/l
RT: 12.804 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN074360.D
Acq: 08 Sep 2022 16:04

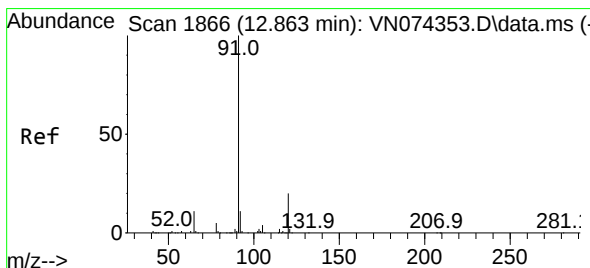
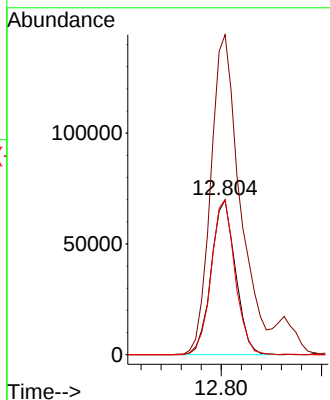
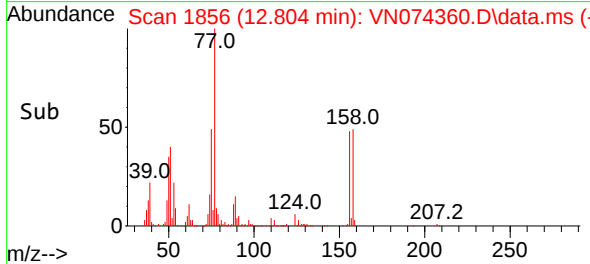
Instrument :
MSVOA_N
ClientSampleId :
VN0908WBS01



Tgt Ion:156 Resp: 11731
Ion Ratio Lower Upper
156 100
77 248.3 0.0 416.0
158 98.1 0.0 195.4

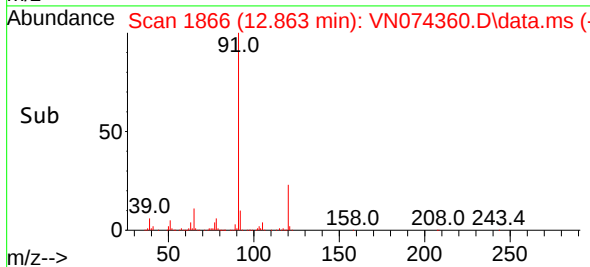
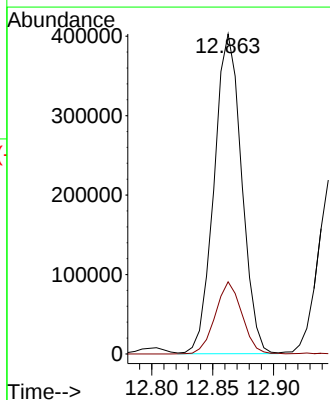
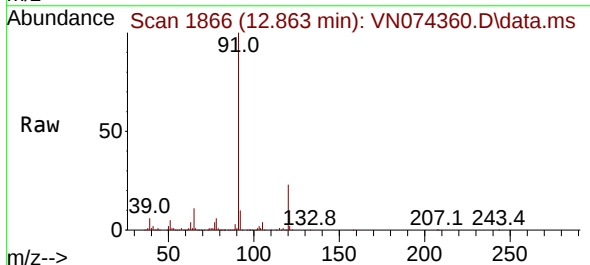
Manual Integrations
APPROVED

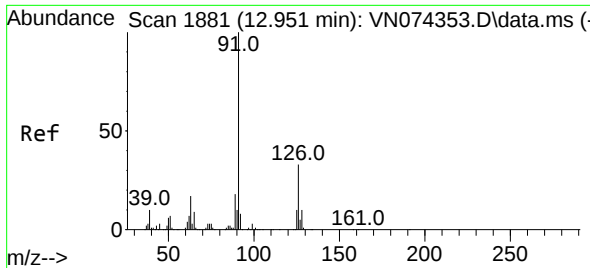
Reviewed By :John Carlone 09/09/2022
Supervised By :Mahesh Dadoda 09/09/2022



#74
n-propylbenzene
Concen: 19.575 ug/l
RT: 12.863 min Scan# 1866
Delta R.T. 0.000 min
Lab File: VN074360.D
Acq: 08 Sep 2022 16:04

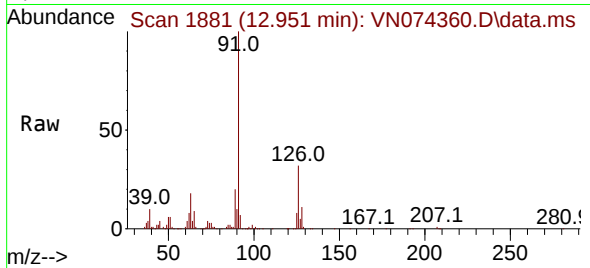
Tgt Ion: 91 Resp: 635274
Ion Ratio Lower Upper
91 100
120 21.8 0.0 45.0





#75
2-Chlorotoluene
Concen: 20.328 ug/l
RT: 12.951 min Scan# 1881
Delta R.T. 0.000 min
Lab File: VN074360.D
Acq: 08 Sep 2022 16:04

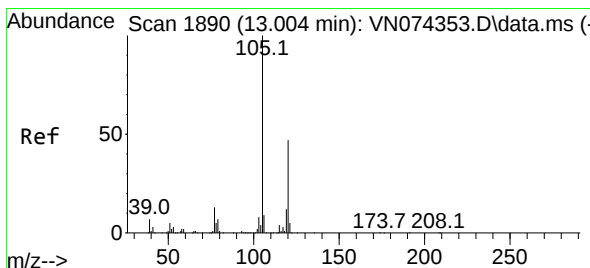
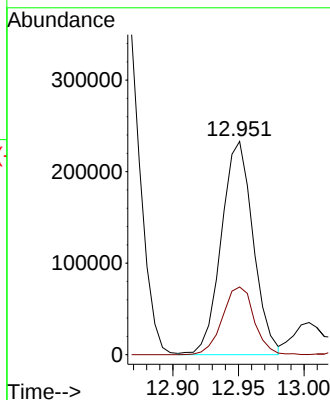
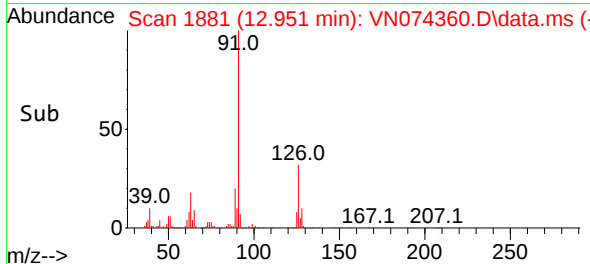
Instrument :
MSVOA_N
ClientSampleId :
VN0908WBS01



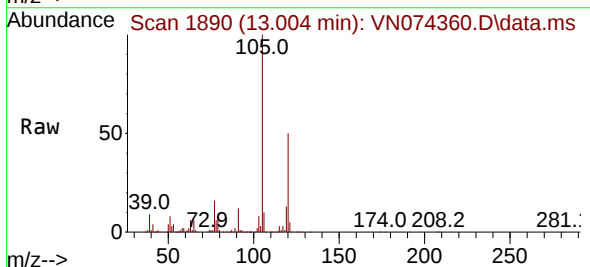
Tgt Ion: 91 Resp: 393698
Ion Ratio Lower Upper
91 100
126 31.4 0.0 69.8

Manual Integrations
APPROVED

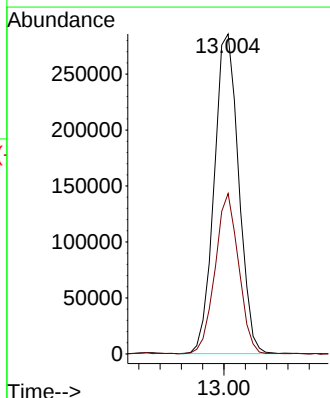
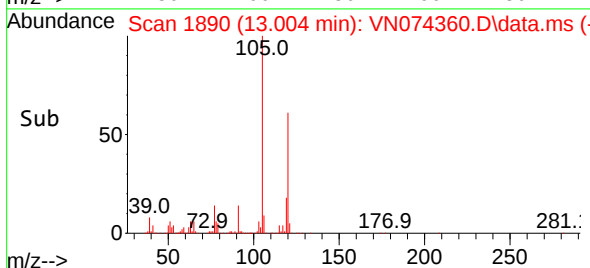
Reviewed By :John Carlone 09/09/2022
Supervised By :Mahesh Dadoda 09/09/2022

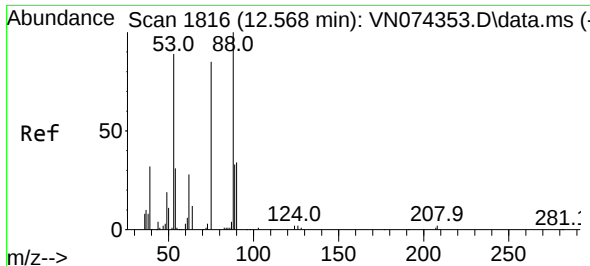


#76
1,3,5-Trimethylbenzene
Concen: 19.429 ug/l
RT: 13.004 min Scan# 1890
Delta R.T. 0.000 min
Lab File: VN074360.D
Acq: 08 Sep 2022 16:04



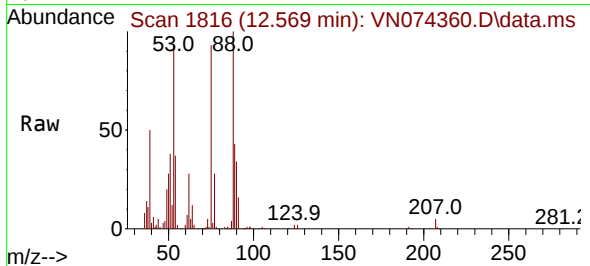
Tgt Ion:105 Resp: 456173
Ion Ratio Lower Upper
105 100
120 48.2 0.0 93.8





#77
t-1,4-Dichloro-2-butene
Concen: 19.105 ug/l
RT: 12.569 min Scan# 1816
Delta R.T. 0.000 min
Lab File: VN074360.D
Acq: 08 Sep 2022 16:04

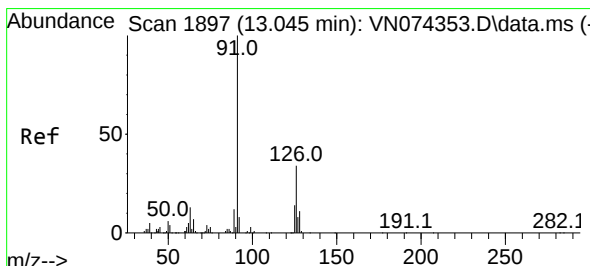
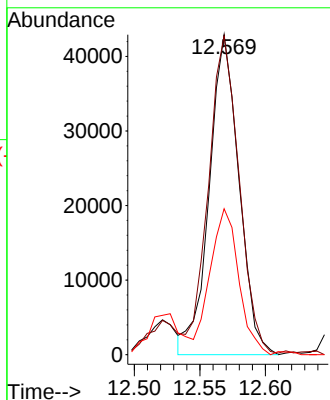
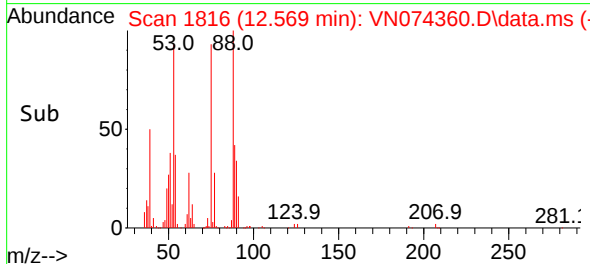
Instrument :
MSVOA_N
ClientSampleId :
VN0908WBS01



Tgt Ion: 75 Resp: 67560
Ion Ratio Lower Upper
75 100
53 99.0 51.8 155.5
89 44.6 22.9 68.7

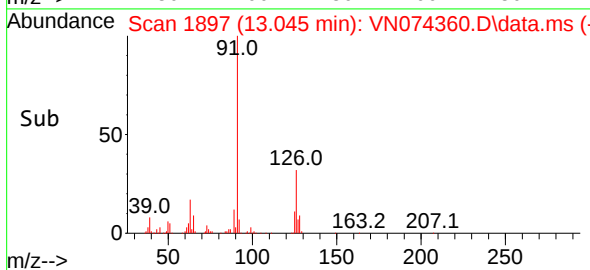
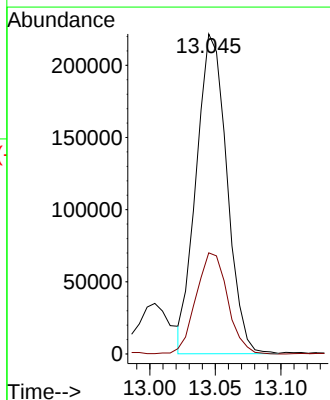
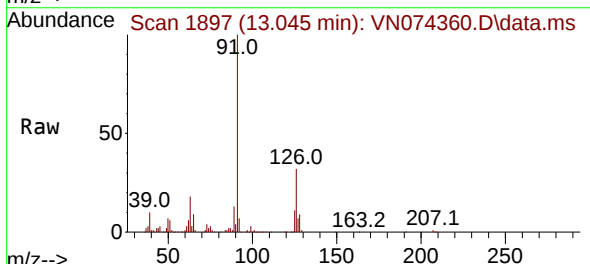
Manual Integrations
APPROVED

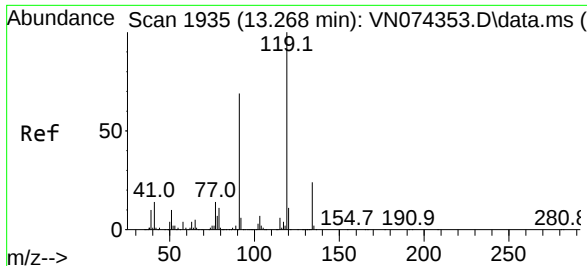
Reviewed By :John Carlone 09/09/2022
Supervised By :Mahesh Dadoda 09/09/2022



#78
4-Chlorotoluene
Concen: 18.873 ug/l
RT: 13.045 min Scan# 1897
Delta R.T. 0.000 min
Lab File: VN074360.D
Acq: 08 Sep 2022 16:04

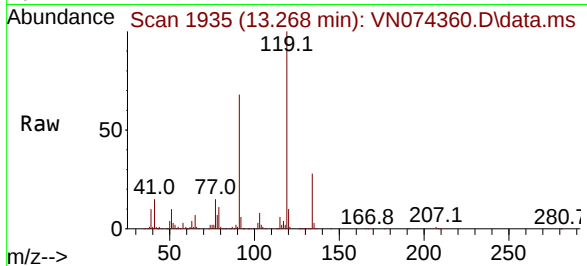
Tgt Ion: 91 Resp: 359765
Ion Ratio Lower Upper
91 100
126 32.7 0.0 70.6





#79
tert-butylbenzene
Concen: 19.417 ug/l
RT: 13.268 min Scan# 1935
Delta R.T. 0.000 min
Lab File: VN074360.D
Acq: 08 Sep 2022 16:04

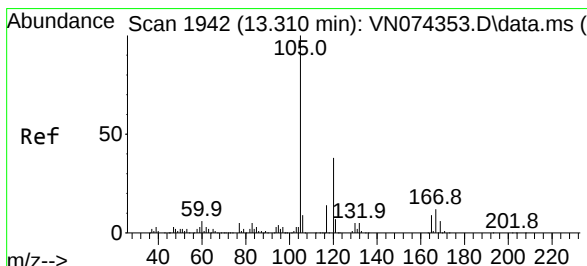
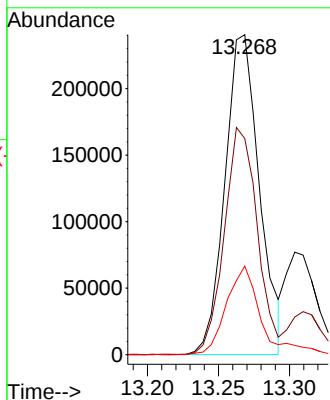
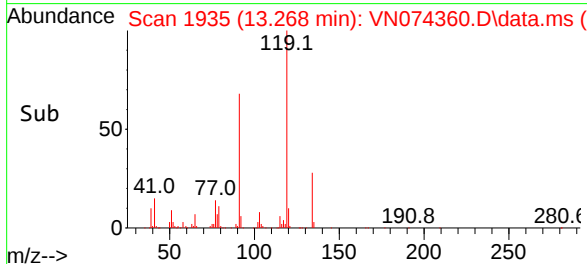
Instrument :
MSVOA_N
ClientSampleId :
VN0908WBS01



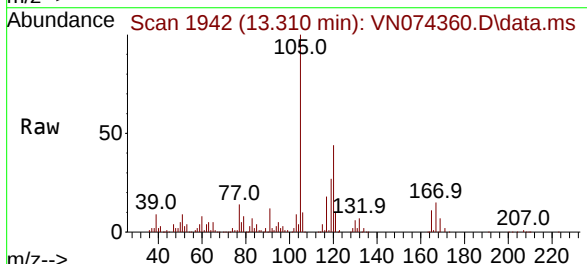
Tgt Ion:119 Resp: 405349
Ion Ratio Lower Upper
119 100
91 67.9 0.0 137.0
134 25.2 0.0 47.6

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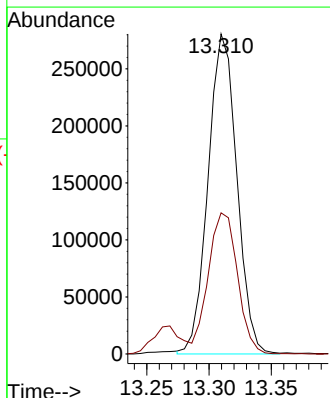
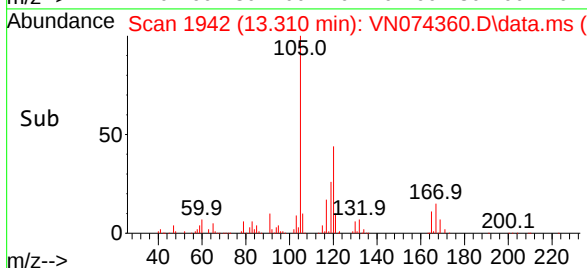
Reviewed By :John Carlone 09/09/2022
Supervised By :Mahesh Dadoda 09/09/2022

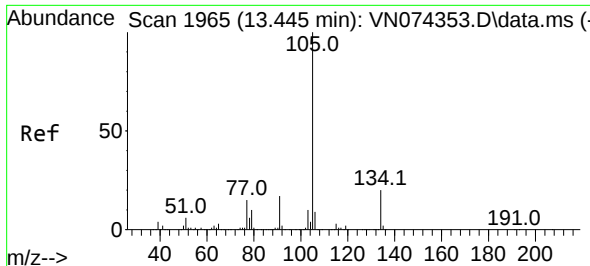


#80
1,2,4-Trimethylbenzene
Concen: 19.092 ug/l m
RT: 13.310 min Scan# 1942
Delta R.T. 0.000 min
Lab File: VN074360.D
Acq: 08 Sep 2022 16:04



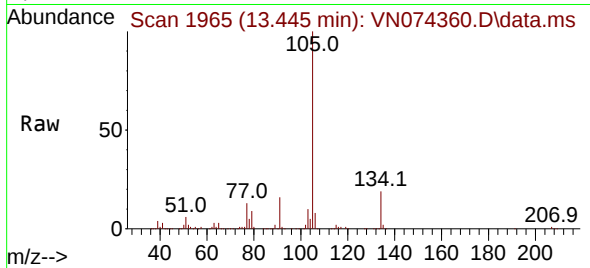
Tgt Ion:105 Resp: 451252
Ion Ratio Lower Upper
105 100
120 0.2 0.0 0.2#





#81
 sec-Butylbenzene
 Concen: 19.440 ug/l
 RT: 13.445 min Scan# 1965
 Delta R.T. 0.000 min
 Lab File: VN074360.D
 Acq: 08 Sep 2022 16:04

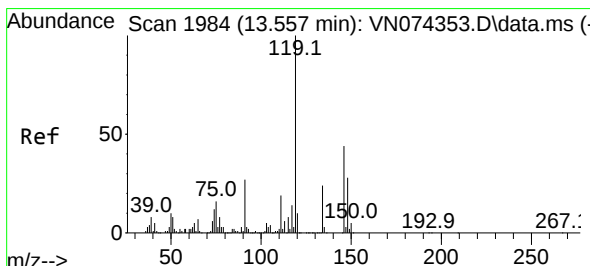
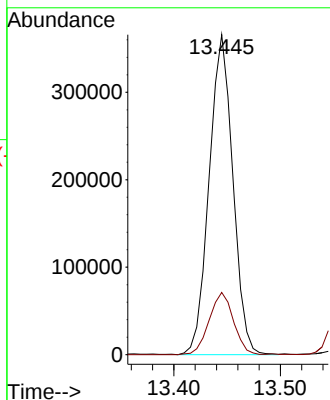
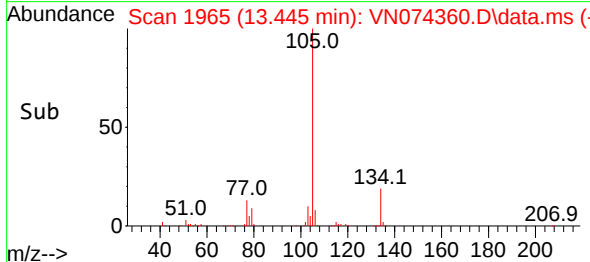
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0908WBS01



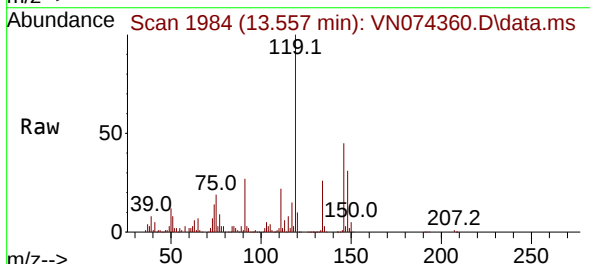
Tgt Ion:105 Resp: 56598
 Ion Ratio Lower Upper
 105 100
 134 19.9 0.0 39.4

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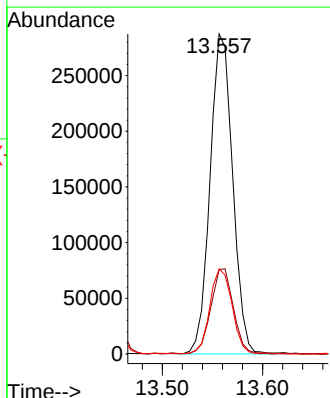
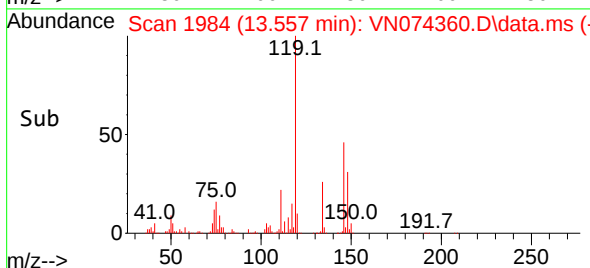
Reviewed By :John Carlone 09/09/2022
 Supervised By :Mahesh Dadoda 09/09/2022

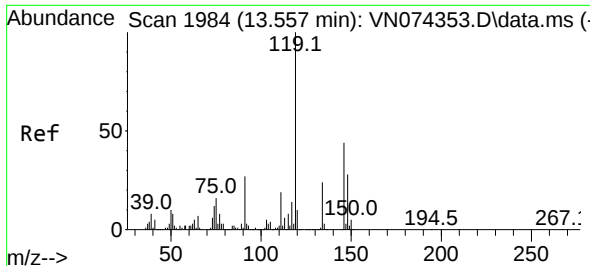


#82
 p-Isopropyltoluene
 Concen: 18.715 ug/l
 RT: 13.557 min Scan# 1984
 Delta R.T. 0.000 min
 Lab File: VN074360.D
 Acq: 08 Sep 2022 16:04



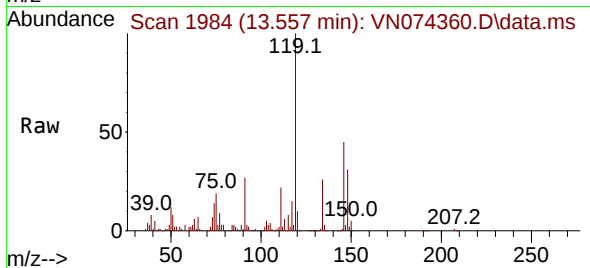
Tgt Ion:119 Resp: 450413
 Ion Ratio Lower Upper
 119 100
 134 26.5 0.0 51.8
 91 25.9 0.0 50.4





#83
1,3-Dichlorobenzene
Concen: 19.067 ug/l
RT: 13.557 min Scan# 1984
Delta R.T. 0.000 min
Lab File: VN074360.D
Acq: 08 Sep 2022 16:04

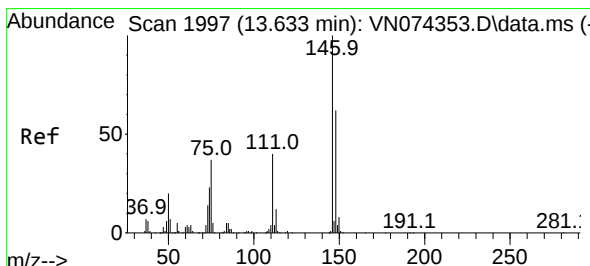
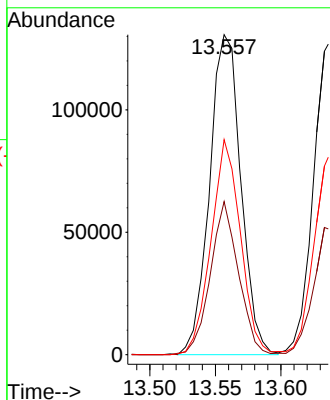
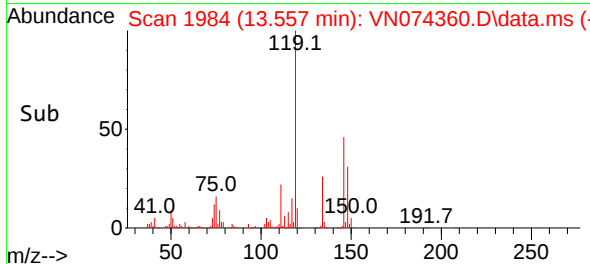
Instrument :
MSVOA_N
ClientSampleId :
VN0908WBS01



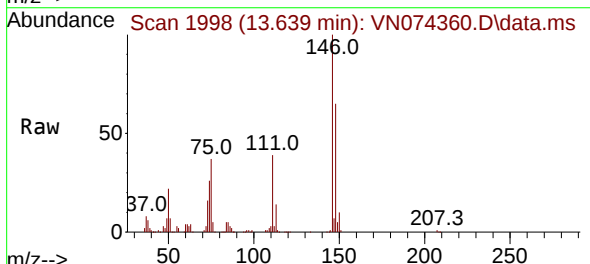
Tgt Ion:146 Resp: 21718
Ion Ratio Lower Upper
146 100
111 43.1 20.8 62.2
148 63.0 31.4 94.3

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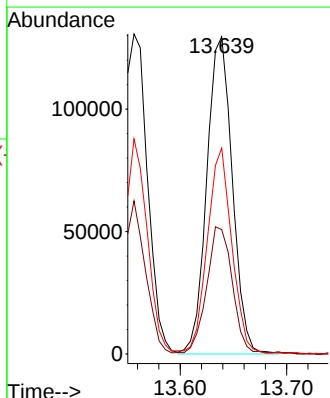
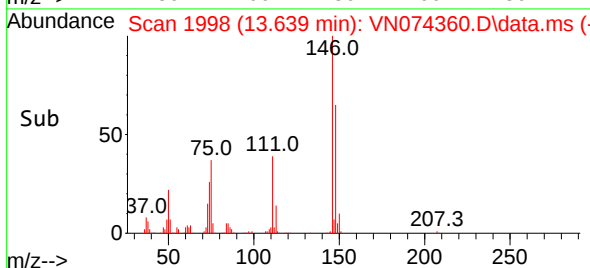
Reviewed By :John Carlone 09/09/2022
Supervised By :Mahesh Dadoda 09/09/2022

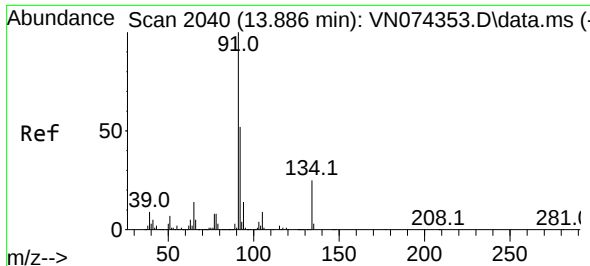


#84
1,4-Dichlorobenzene
Concen: 19.136 ug/l
RT: 13.639 min Scan# 1998
Delta R.T. 0.006 min
Lab File: VN074360.D
Acq: 08 Sep 2022 16:04



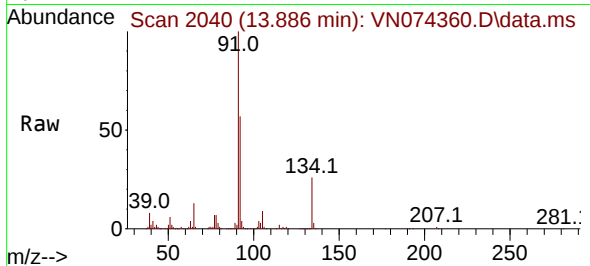
Tgt Ion:146 Resp: 215911
Ion Ratio Lower Upper
146 100
111 40.3 19.5 58.5
148 62.0 31.1 93.5





#85
n-Butylbenzene
Concen: 18.213 ug/l
RT: 13.886 min Scan# 2040
Delta R.T. 0.000 min
Lab File: VN074360.D
Acq: 08 Sep 2022 16:04

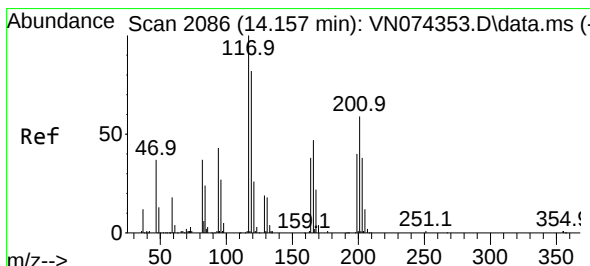
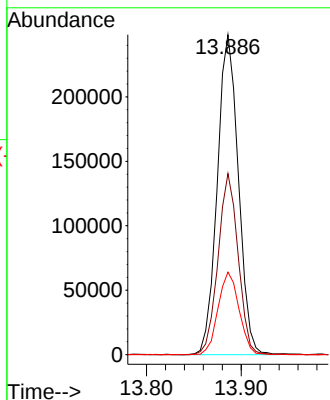
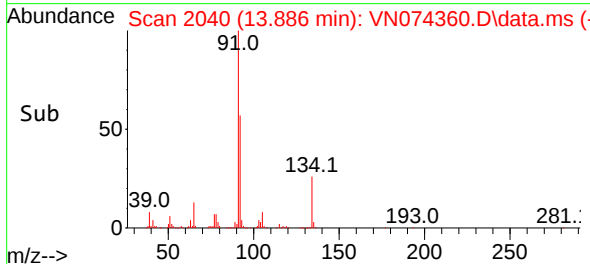
Instrument :
MSVOA_N
ClientSampleId :
VN0908WBS01



Tgt Ion: 91 Resp: 384684
Ion Ratio Lower Upper
91 100
92 53.9 0.0 100.6
134 25.6 0.0 50.2

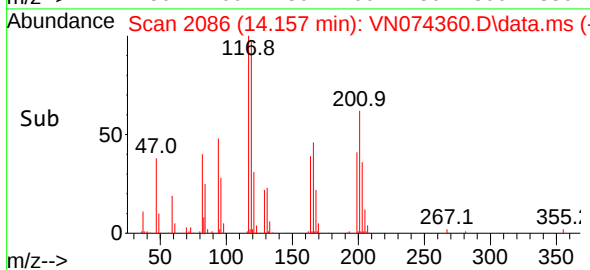
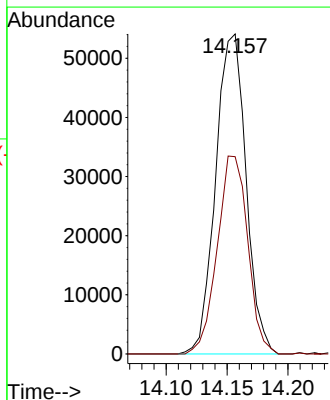
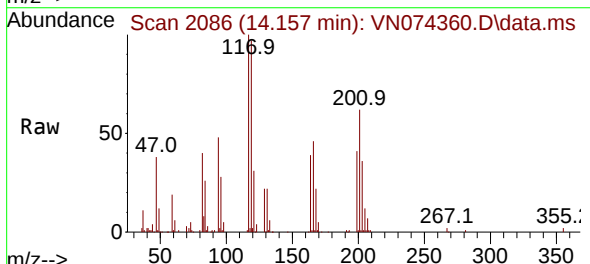
Manual Integrations
APPROVED

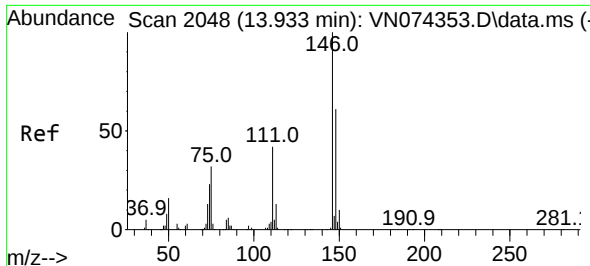
Reviewed By :John Carlone 09/09/2022
Supervised By :Mahesh Dadoda 09/09/2022



#86
Hexachloroethane
Concen: 20.009 ug/l
RT: 14.157 min Scan# 2086
Delta R.T. 0.000 min
Lab File: VN074360.D
Acq: 08 Sep 2022 16:04

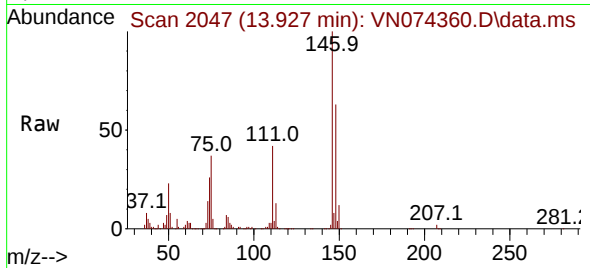
Tgt Ion:117 Resp: 94035
Ion Ratio Lower Upper
117 100
201 62.1 33.3 99.8





#87
 1,2-Dichlorobenzene
 Concen: 18.259 ug/l
 RT: 13.927 min Scan# 2047
 Delta R.T. -0.006 min
 Lab File: VN074360.D
 Acq: 08 Sep 2022 16:04

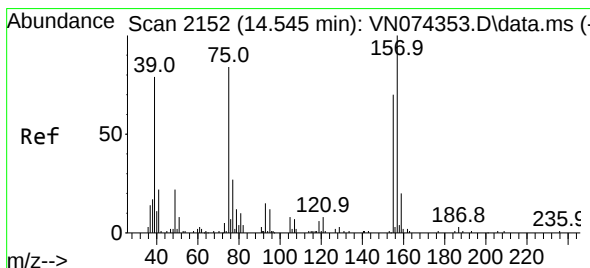
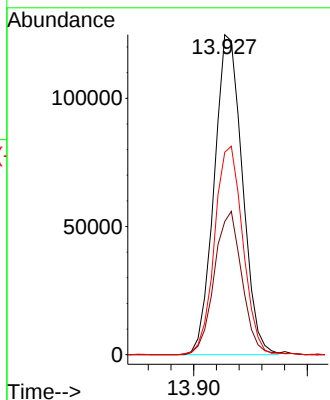
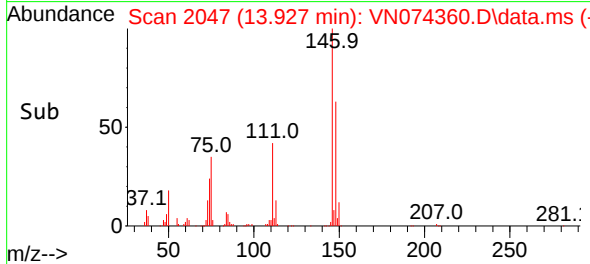
Instrument :
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 VN0908WBS01



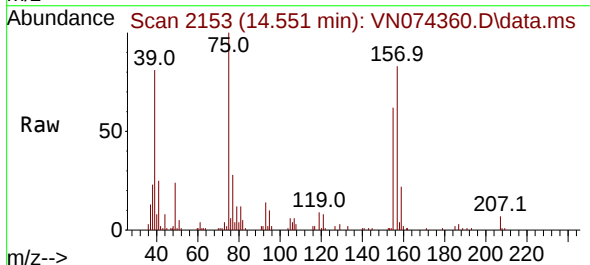
Tgt Ion:146 Resp: 215030
 Ion Ratio Lower Upper
 146 100
 111 44.2 21.4 64.2
 148 65.4 32.5 97.4

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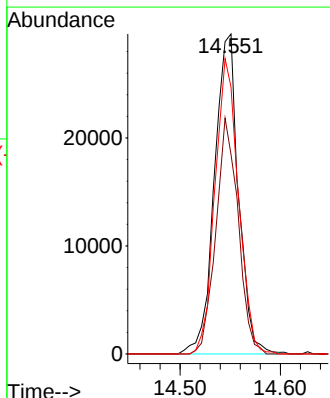
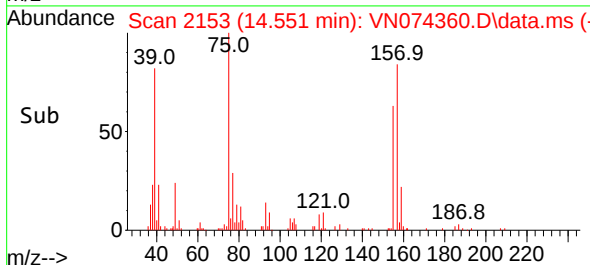
Reviewed By :John Carlone 09/09/2022
 Supervised By :Mahesh Dadoda 09/09/2022

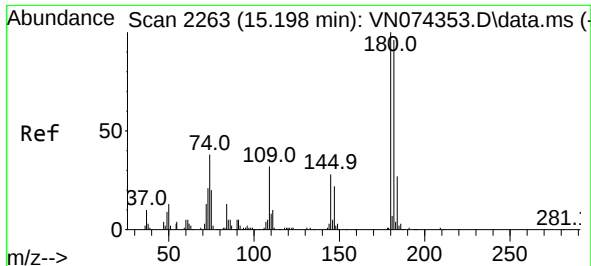


#88
 1,2-Dibromo-3-Chloropropane
 Concen: 20.741 ug/l
 RT: 14.551 min Scan# 2153
 Delta R.T. 0.006 min
 Lab File: VN074360.D
 Acq: 08 Sep 2022 16:04



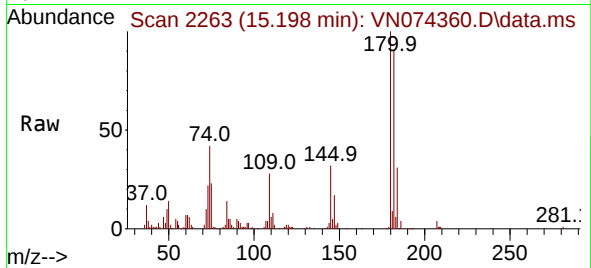
Tgt Ion: 75 Resp: 49461
 Ion Ratio Lower Upper
 75 100
 155 68.1 63.8 95.8
 157 89.8 77.9 116.9





#89
1,2,4-Trichlorobenzene
Concen: 18.460 ug/l
RT: 15.198 min Scan# 2263
Delta R.T. 0.000 min
Lab File: VN074360.D
Acq: 08 Sep 2022 16:04

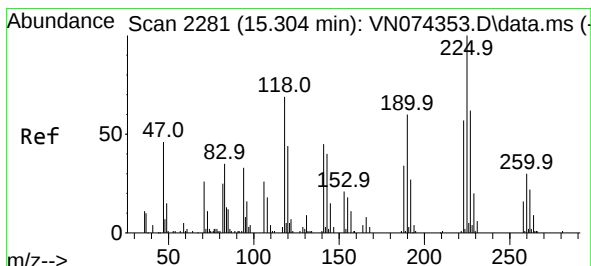
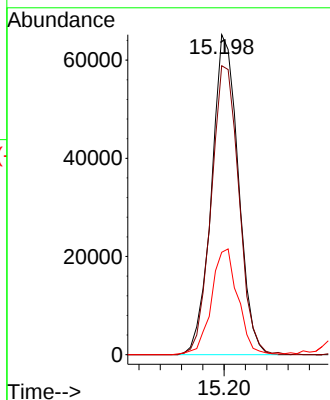
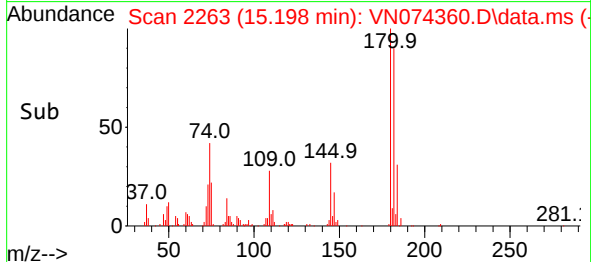
Instrument :
MSVOA_N
ClientSampleId :
VN0908WBS01



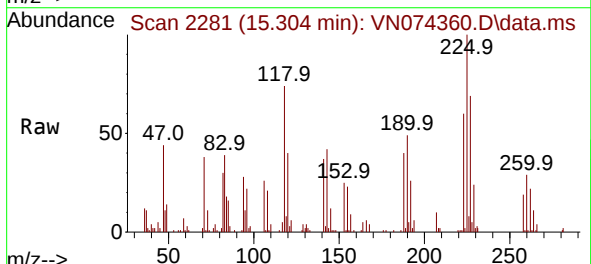
Tgt Ion:180 Resp: 11365
Ion Ratio Lower Upper
180 100
182 93.1 77.7 116.5
145 32.7 26.6 39.8

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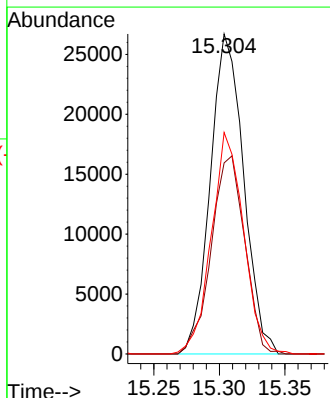
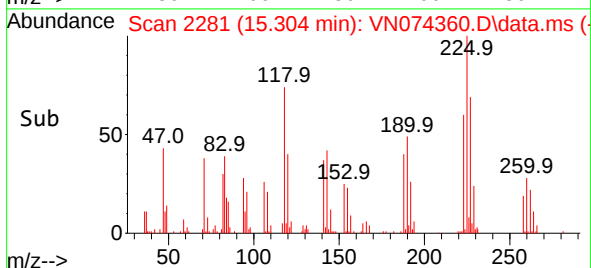
Reviewed By :John Carlone 09/09/2022
Supervised By :Mahesh Dadoda 09/09/2022

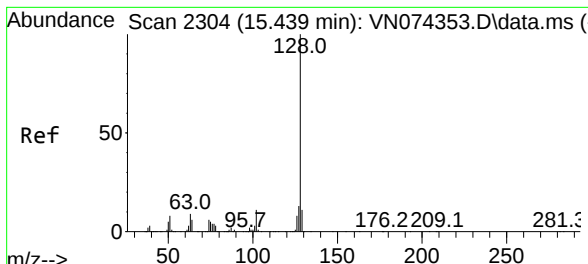


#90
Hexachlorobutadiene
Concen: 17.949 ug/l
RT: 15.304 min Scan# 2281
Delta R.T. 0.000 min
Lab File: VN074360.D
Acq: 08 Sep 2022 16:04



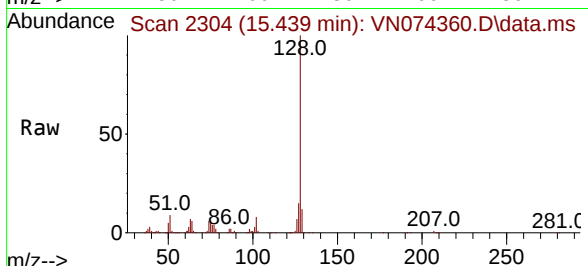
Tgt Ion:225 Resp: 47166
Ion Ratio Lower Upper
225 100
223 62.3 0.0 126.8
227 66.8 0.0 123.0





#91
Naphthalene
Concen: 18.882 ug/l
RT: 15.439 min Scan# 2304
Delta R.T. 0.000 min
Lab File: VN074360.D
Acq: 08 Sep 2022 16:04

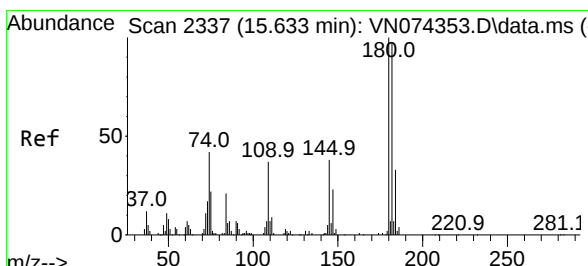
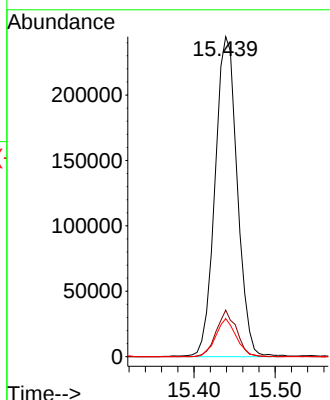
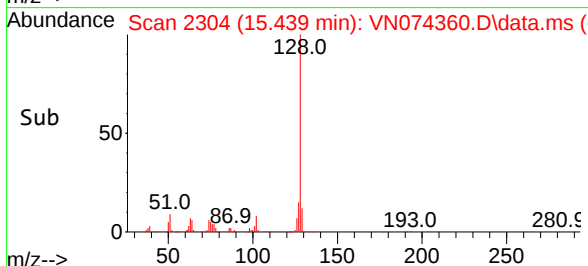
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ClientSampleId :
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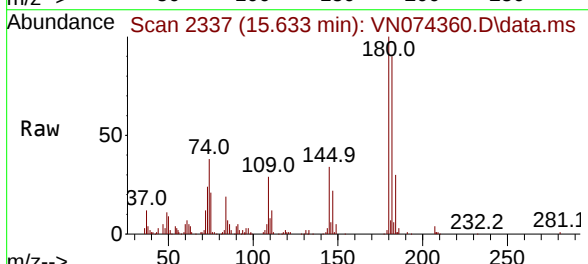
Tgt Ion:128 Resp: 46602
Ion Ratio Lower Upper
128 100
127 13.2 10.7 16.1
129 11.0 9.0 13.6

Manual Integrations
APPROVED

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



#92
1,2,3-Trichlorobenzene
Concen: 18.467 ug/l
RT: 15.633 min Scan# 2337
Delta R.T. 0.000 min
Lab File: VN074360.D
Acq: 08 Sep 2022 16:04



Tgt Ion:180 Resp: 115443
Ion Ratio Lower Upper
180 100
182 94.7 0.0 190.0
145 34.1 0.0 67.8

