

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101222\
 Data File : VN074880.D
 Acq On : 12 Oct 2022 17:09
 Operator : JC\MD
 Sample : VN1012WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1012WBS01

Quant Time: Oct 13 07:57:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N101222W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Oct 13 07:52:24 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 10/13/2022
 Supervised By : Mahesh Dadoda 10/14/2022

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

Internal Standards						
1) Bromochloromethane	7.830	128	75232m	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.112	114	405511	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.871	117	379898	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.589	65	201897	28.665	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	95.567%		
60) 4-Bromofluorobenzene	12.847	95	189775	28.169	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	93.900%		
63) Toluene-d8	10.571	98	680857	31.053	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	103.500%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.148	85	81456	19.498	ug/l	88
3) Chloromethane	2.383	50	139456	20.640	ug/l	96
4) Vinyl Chloride	2.536	62	204906	20.595	ug/l	96
5) Bromomethane	2.954	94	152265	19.302	ug/l	89
6) Chloroethane	3.136	64	175785	23.559	ug/l	97
7) Trichlorofluoromethane	3.512	101	155712	20.994	ug/l	84
8) Diethyl Ether	3.983	74	71912	20.792	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.395	101	82714	17.721	ug/l	84
10) 1,1-Dichloroethene	4.354	96	93375	20.338	ug/l	95
11) Methyl Iodide	4.612	142	114199	19.926	ug/l	97
12) Methyl Acetate	5.048	43	213274	19.272	ug/l #	89
13) Acrolein	4.206	56	148304	94.848	ug/l	99
14) Acrylonitrile	5.748	53	415767	100.734	ug/l #	66
15) Acetone	4.454	58	109033	96.387	ug/l	99
16) Carbon Disulfide	4.730	76	233692m	19.812	ug/l	
17) Allyl chloride	5.042	41	168551	18.439	ug/l	94
18) Methylene Chloride	5.301	84	126676	21.277	ug/l	98
19) trans-1,2-Dichloroethene	5.806	96	102765	20.390	ug/l	88
20) Diisopropyl ether	6.695	45	404362	18.949	ug/l #	91
21) 1,1-Dichloroethane	6.589	63	226198	20.835	ug/l	99
22) cis-1,2-Dichloroethene	7.506	96	127521	20.205	ug/l #	88
23) tert-Butyl Alcohol	5.548	59	172246	99.042	ug/l #	100
24) Methyl tert-Butyl Ether	5.818	73	379869	19.811	ug/l	96
25) Chloroform	7.977	83	215588	19.998	ug/l	92
26) Cyclohexane	8.265	56	189922	19.916	ug/l #	99
29) 1,1-Dichloropropene	8.383	75	149982	20.498	ug/l	98
30) 2-Butanone	7.500	43	608101	104.165	ug/l #	97
31) 2,2-Dichloropropane	7.512	77	174762m	19.513	ug/l	
32) 1,1,1-Trichloroethane	8.177	97	187376	21.355	ug/l	99
33) Carbon Tetrachloride	8.365	117	146823	20.375	ug/l	94
34) Benzene	8.612	78	505086	20.884	ug/l #	91
35) Methacrylonitrile	7.794	41	116814	19.470	ug/l	91
36) 1,2-Dichloroethane	8.677	62	161814	20.091	ug/l	97
37) Trichloroethene	9.359	130	106661	21.206	ug/l	97
38) Methylcyclohexane	9.606	83	186372	20.967	ug/l	97
39) 1,2-Dichloropropane	9.624	63	137663	21.957	ug/l	92
40) Dibromomethane	9.712	93	86565	20.835	ug/l	97
41) Bromodichloromethane	9.894	83	169017	20.889	ug/l	100
42) Vinyl Acetate	6.624	43	1883833m	108.329	ug/l	

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.577	43	232127	20.451	ug/l	98
44) Isopropyl Acetate	8.694	43	364605	20.773	ug/l	97
45) 1,4-Dioxane	9.700	88	62749	389.869	ug/l	97
46) Methyl methacrylate	9.688	41	152664	20.083	ug/l	97
47) n-amyl Acetate	12.494	43	301868	19.656	ug/l	97
48) t-1,3-Dichloropropene	10.841	75	187021	20.146	ug/l	98
49) cis-1,3-Dichloropropene	10.318	75	197238	20.036	ug/l	93
50) 1,1,2-Trichloroethane	11.018	97	124645	20.387	ug/l #	89
51) Ethyl methacrylate	10.877	69	202870	19.513	ug/l	90
52) 1,3-Dichloropropane	11.165	76	223868	21.214	ug/l	99
53) Dibromochloromethane	11.365	129	121012	20.202	ug/l	94
54) 1,2-Dibromoethane	11.471	107	124989	21.278	ug/l	93
55) 2-Chloroethyl vinyl ether	10.165	63	375640	92.370	ug/l	98
56) Bromoform	12.576	173	83647	19.379	ug/l #	38
58) 4-Methyl-2-Pentanone	10.447	43	1225668	103.739	ug/l	97
59) 2-Hexanone	11.200	43	913595	100.475	ug/l	98
61) Tetrachloroethene	11.106	164	81913	20.225	ug/l	88
62) Toluene	10.635	91	546815	20.834	ug/l	100
64) Chlorobenzene	11.894	112	305713	20.492	ug/l	95
65) 1,1,1,2-Tetrachloroethane	11.965	131	113190	20.144	ug/l	96
66) Ethyl Benzene	11.965	91	571931	20.039	ug/l	100
67) m/p-Xylenes	12.077	106	445261	41.528	ug/l	93
68) o-Xylene	12.400	106	211323	19.390	ug/l	98
69) Styrene	12.412	104	339756	19.047	ug/l	99
70) Isopropylbenzene	12.700	105	557671	19.840	ug/l	98
71) 1,1,2,2-Tetrachloroethane	12.941	83	219260	20.853	ug/l	99
72) 1,2,3-Trichloropropane	13.000	75	188319m	21.319	ug/l	
73) Bromobenzene	12.982	156	109931	18.663	ug/l	96
74) n-propylbenzene	13.035	91	638566	19.485	ug/l	98
75) 2-Chlorotoluene	13.129	91	364406	19.007	ug/l	98
76) 1,3,5-Trimethylbenzene	13.176	105	456352	19.979	ug/l	97
77) t-1,4-Dichloro-2-butene	12.735	75	62850	17.125	ug/l	81
78) 4-Chlorotoluene	13.224	91	347145	18.974	ug/l	98
79) tert-butylbenzene	13.441	119	398209	19.598	ug/l	98
80) 1,2,4-Trimethylbenzene	13.482	105	437101	19.018	ug/l	98
81) sec-Butylbenzene	13.618	105	555209	19.013	ug/l	98
82) p-Isopropyltoluene	13.729	119	436007	18.791	ug/l	99
83) 1,3-Dichlorobenzene	13.735	146	214926	18.700	ug/l	98
84) 1,4-Dichlorobenzene	13.818	146	216249	19.588	ug/l	99
85) n-Butylbenzene	14.059	91	359617	17.559	ug/l	99
86) Hexachloroethane	14.335	117	89042	19.595	ug/l	96
87) 1,2-Dichlorobenzene	14.112	146	221320	19.394	ug/l	97
88) 1,2-Dibromo-3-Chloropr...	14.723	75	38068	17.939	ug/l	92
89) 1,2,4-Trichlorobenzene	15.394	180	95462	18.316	ug/l	99
90) Hexachlorobutadiene	15.506	225	48633	19.138	ug/l	97
91) Naphthalene	15.641	128	390685	18.892	ug/l	99
92) 1,2,3-Trichlorobenzene	15.841	180	99825	18.309	ug/l	97

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

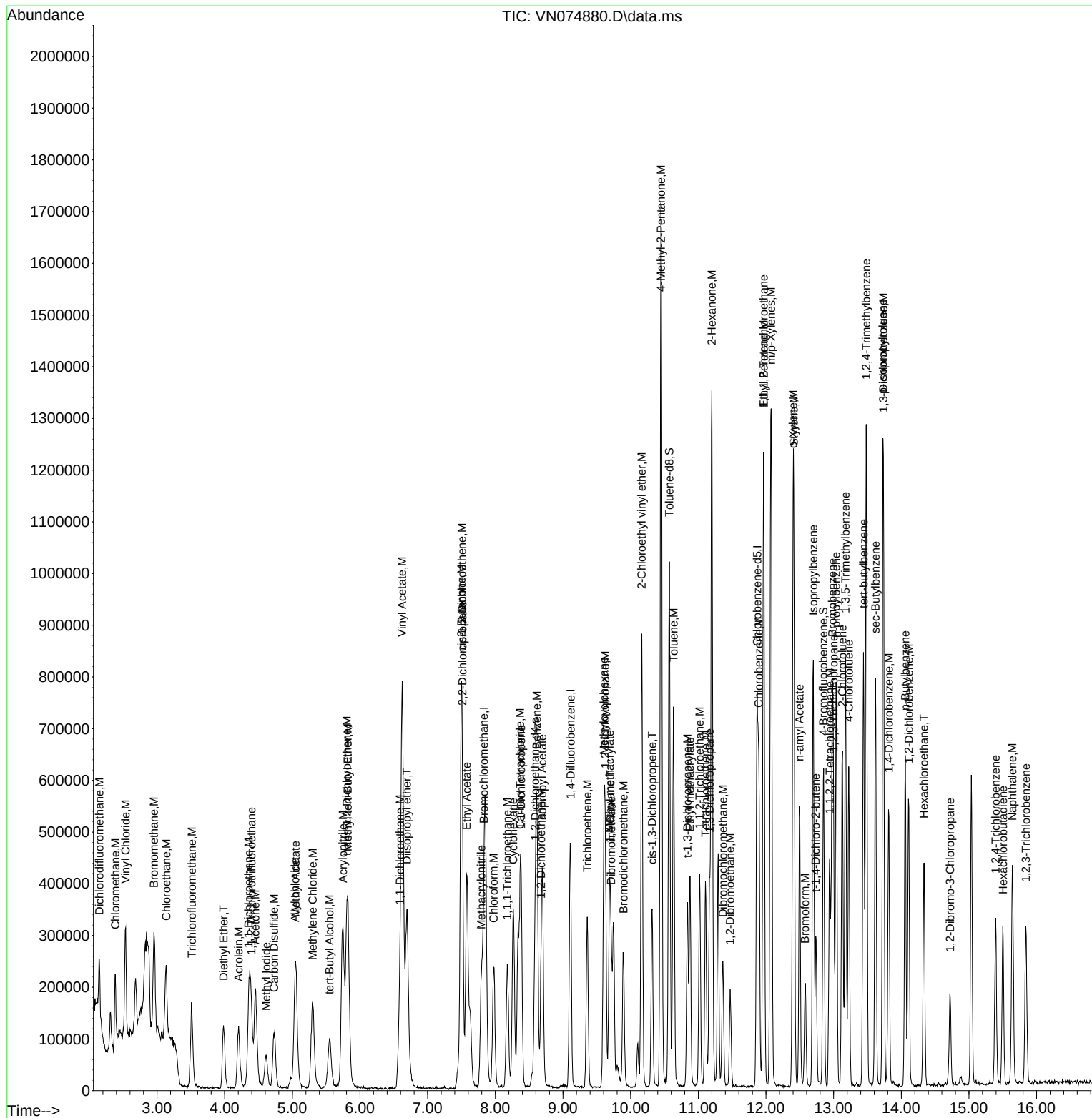
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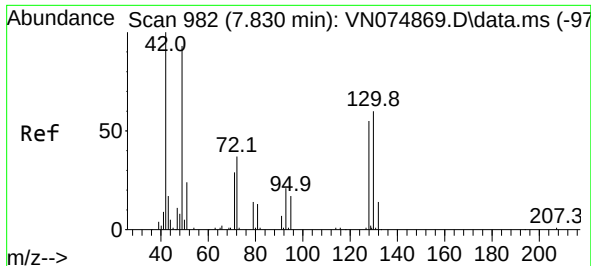
Instrument :
MSVOA_N
ClientSampleId :
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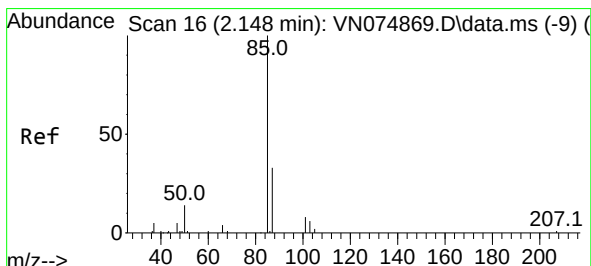
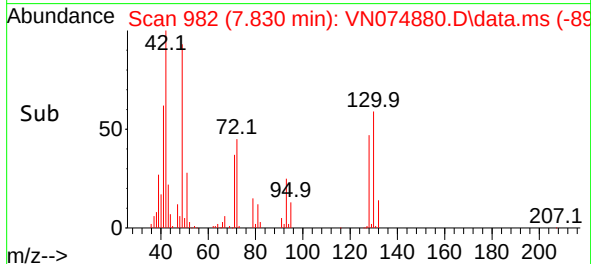
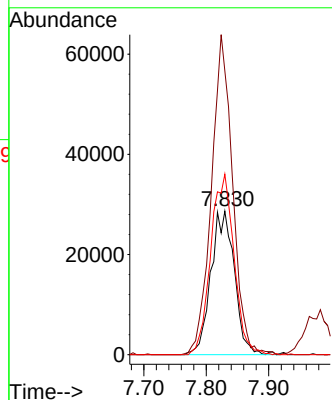
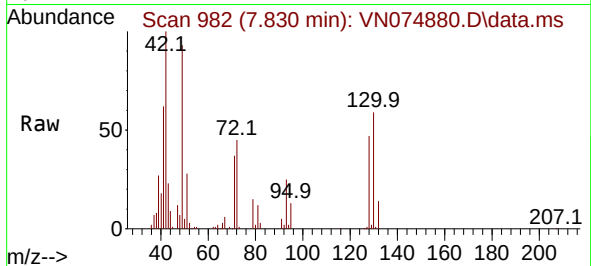
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Bromochloromethane
Concen: 30.000 ug/l m
RT: 7.830 min Scan# 982
Delta R.T. -0.000 min
Lab File: VN074880.D
Acq: 12 Oct 2022 17:09

Instrument :
MSVOA_N
ClientSampleId :
VN1012WBS01

Tgt Ion:128 Resp: 7523
Ion Ratio Lower Upper
128 100
49 199.2 0.0 492.0
130 124.4 0.0 313.3

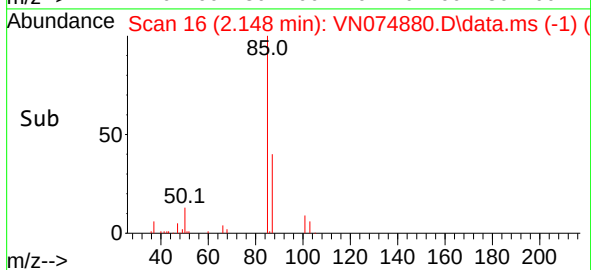
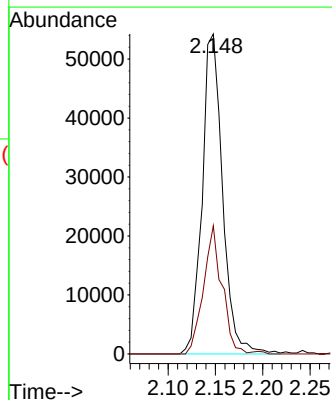
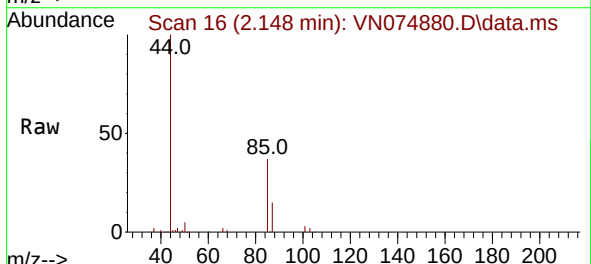
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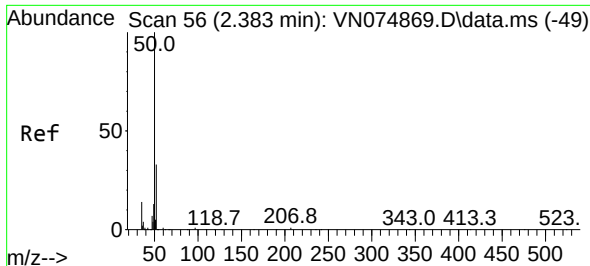
Reviewed By :John Carlone 10/13/2022
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#2
Dichlorodifluoromethane
Concen: 19.498 ug/l
RT: 2.148 min Scan# 16
Delta R.T. 0.000 min
Lab File: VN074880.D
Acq: 12 Oct 2022 17:09

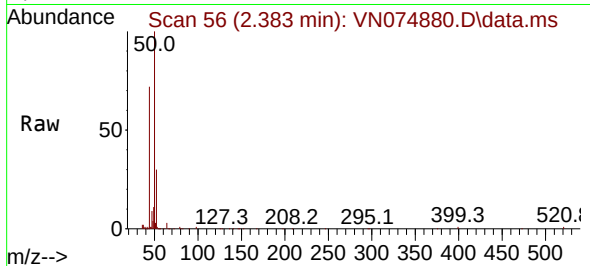
Tgt Ion: 85 Resp: 81456
Ion Ratio Lower Upper
85 100
87 40.1 16.7 50.1





#3
Chloromethane
Concen: 20.640 ug/l
RT: 2.383 min Scan# 50
Delta R.T. 0.000 min
Lab File: VN074880.D
Acq: 12 Oct 2022 17:09

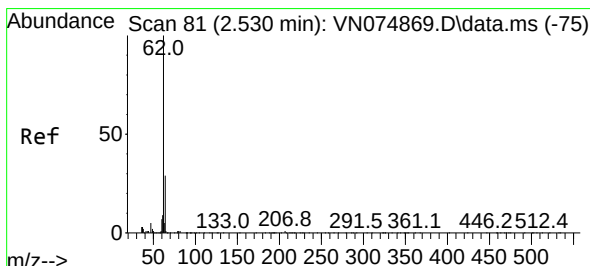
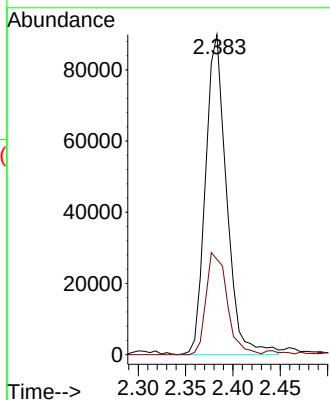
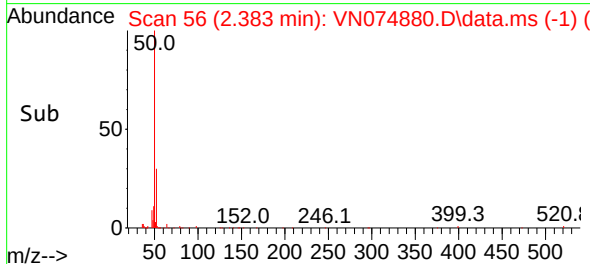
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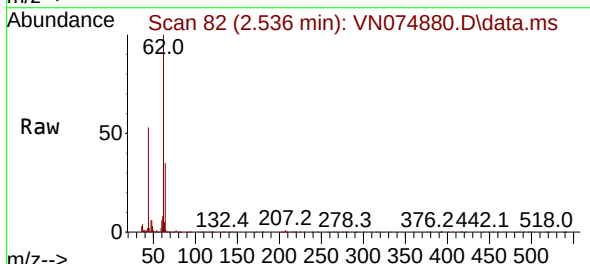
Tgt Ion: 50 Resp: 139450
Ion Ratio Lower Upper
50 100
52 29.8 25.5 38.3

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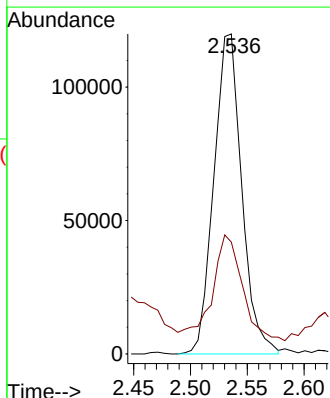
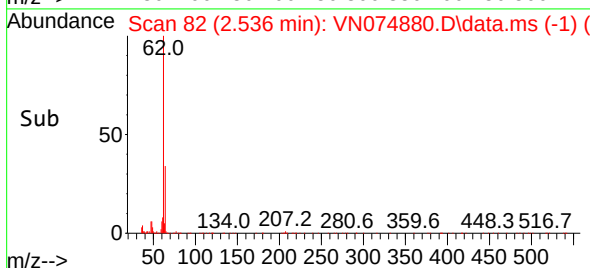
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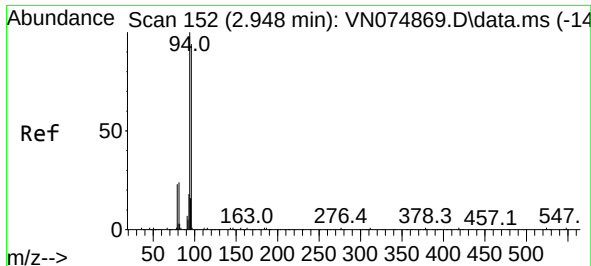


#4
Vinyl Chloride
Concen: 20.595 ug/l
RT: 2.536 min Scan# 82
Delta R.T. 0.006 min
Lab File: VN074880.D
Acq: 12 Oct 2022 17:09



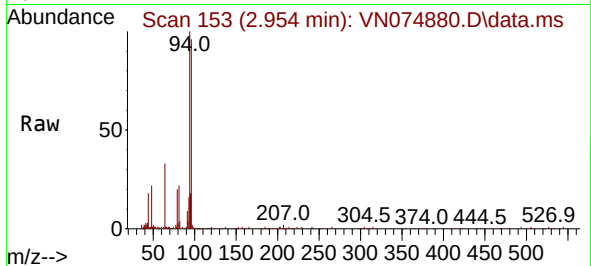
Tgt Ion: 62 Resp: 204906
Ion Ratio Lower Upper
62 100
64 29.7 25.6 38.4





#5
Bromomethane
Concen: 19.302 ug/l
RT: 2.954 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN074880.D
Acq: 12 Oct 2022 17:09

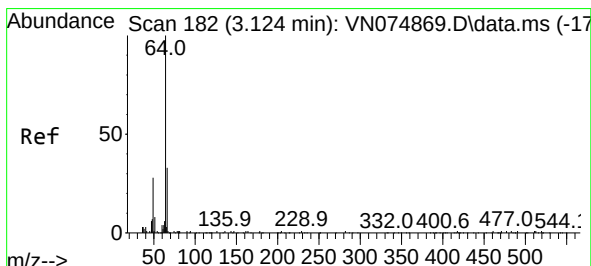
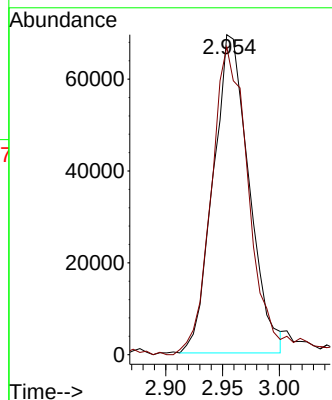
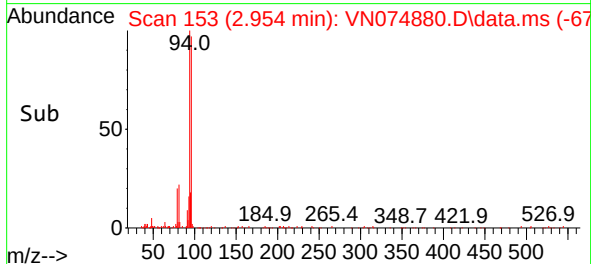
Instrument :
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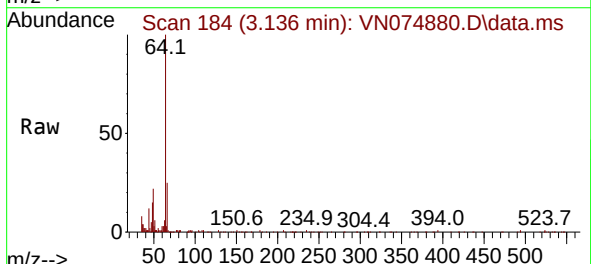
Tgt Ion: 94 Resp: 15226
Ion Ratio Lower Upper
94 100
96 95.2 68.3 102.5

Manual Integrations
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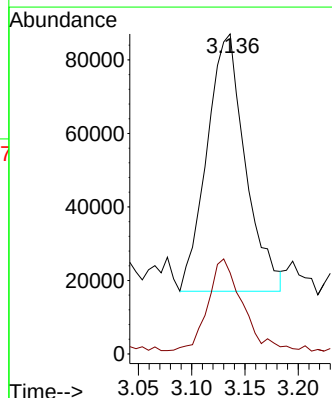
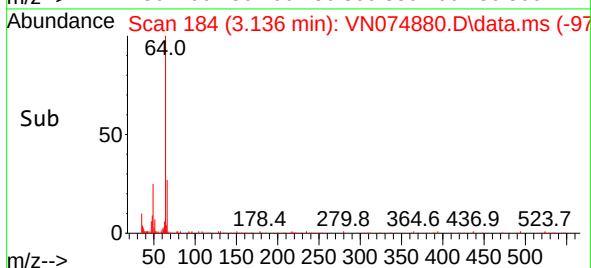
Reviewed By :John Carlone 10/13/2022
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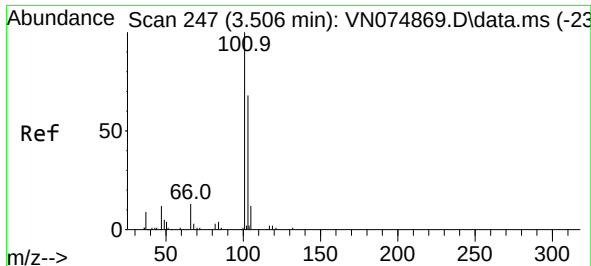


#6
Chloroethane
Concen: 23.559 ug/l
RT: 3.136 min Scan# 184
Delta R.T. 0.012 min
Lab File: VN074880.D
Acq: 12 Oct 2022 17:09



Tgt Ion: 64 Resp: 175785
Ion Ratio Lower Upper
64 100
66 29.0 21.8 32.8





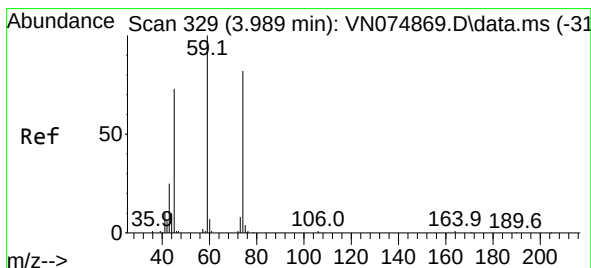
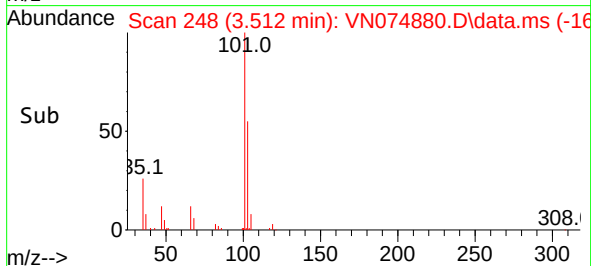
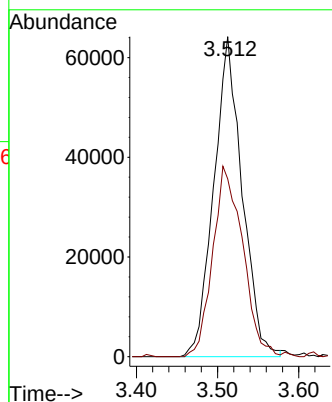
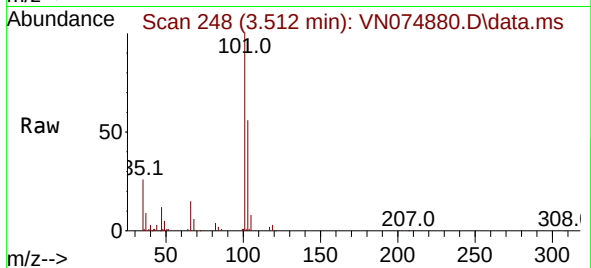
#7
 Trichlorofluoromethane
 Concen: 20.994 ug/l
 RT: 3.512 min Scan# 247
 Delta R.T. 0.006 min
 Lab File: VN074880.D
 Acq: 12 Oct 2022 17:09

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1012WBS01

Tgt Ion:101 Resp: 155712
 Ion Ratio Lower Upper
 101 100
 103 55.5 54.8 82.2

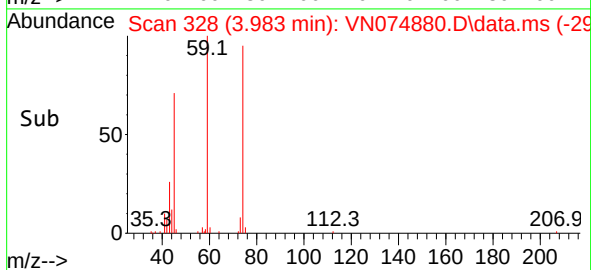
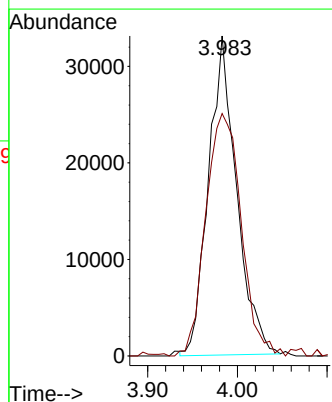
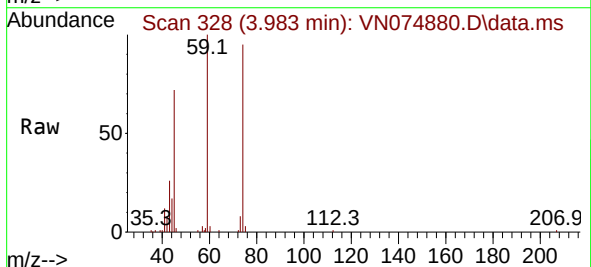
Manual Integrations
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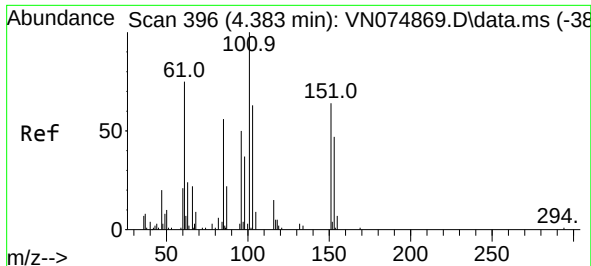
Reviewed By :John Carlone 10/13/2022
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#8
 Diethyl Ether
 Concen: 20.792 ug/l
 RT: 3.983 min Scan# 328
 Delta R.T. -0.006 min
 Lab File: VN074880.D
 Acq: 12 Oct 2022 17:09

Tgt Ion: 74 Resp: 71912
 Ion Ratio Lower Upper
 74 100
 45 95.7 19.0 171.0





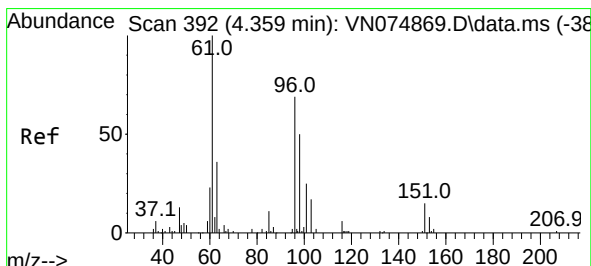
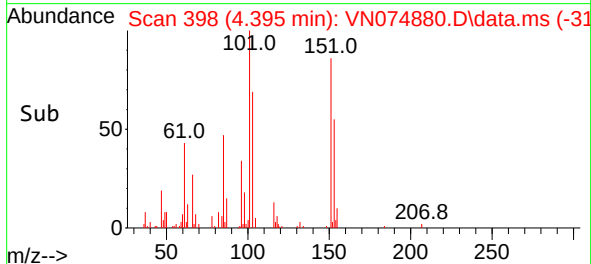
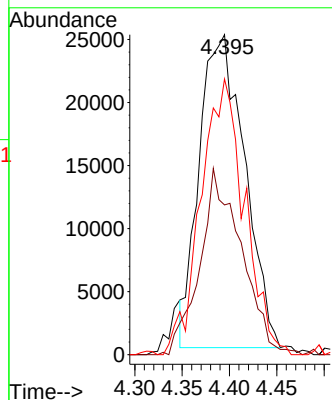
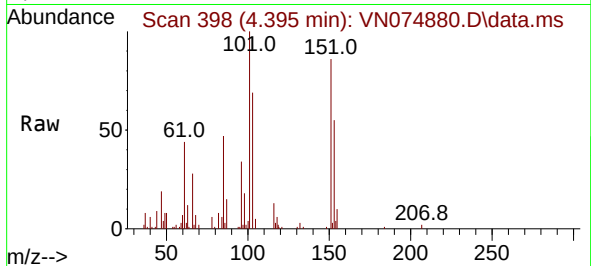
#9
1,1,2-Trichlorotrifluoroethane
Concen: 17.721 ug/l
RT: 4.395 min Scan# 396
Delta R.T. 0.012 min
Lab File: VN074880.D
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ClientSampleId :
VN1012WBS01

Tgt Ion:101 Resp: 82714
Ion Ratio Lower Upper
101 100
85 31.8 0.0 94.6
151 81.2 0.0 144.8

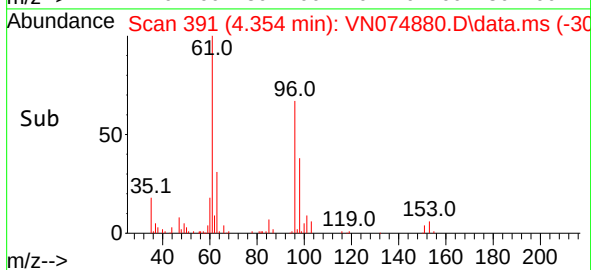
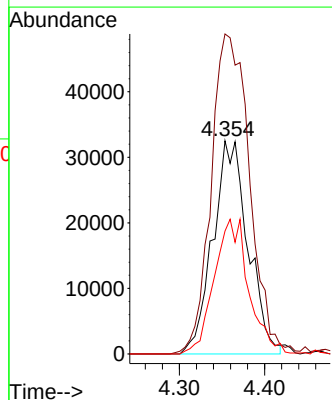
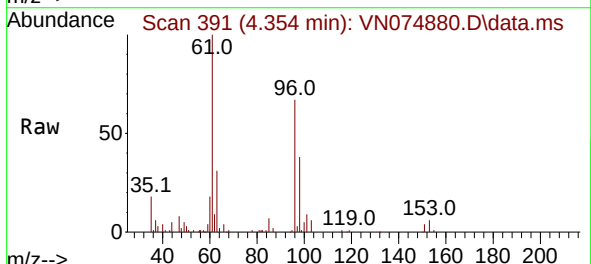
Manual Integrations
APPROVED

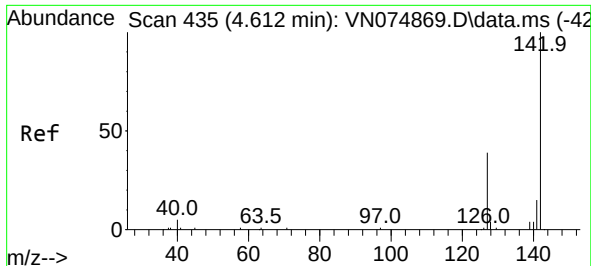
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/14/2022



#10
1,1-Dichloroethene
Concen: 20.338 ug/l
RT: 4.354 min Scan# 391
Delta R.T. -0.006 min
Lab File: VN074880.D
Acq: 12 Oct 2022 17:09

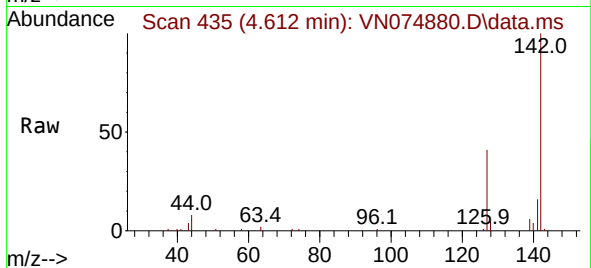
Tgt Ion: 96 Resp: 93375
Ion Ratio Lower Upper
96 100
61 148.8 125.5 188.3
98 57.6 45.0 67.4





#11
Methyl Iodide
Concen: 19.926 ug/l
RT: 4.612 min Scan# 411
Delta R.T. 0.000 min
Lab File: VN074880.D
Acq: 12 Oct 2022 17:09

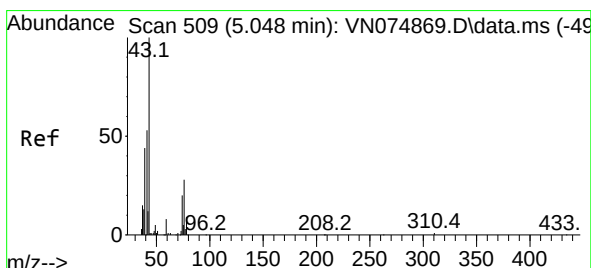
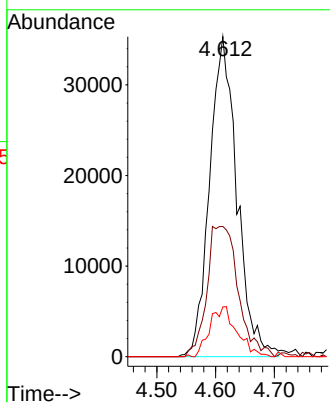
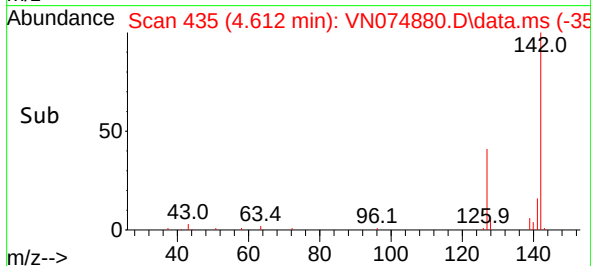
Instrument :
MSVOA_N
ClientSampleId :
VN1012WBS01



Tgt Ion:142 Resp: 114199
Ion Ratio Lower Upper
142 100
127 40.9 19.3 57.8
141 15.0 7.7 23.1

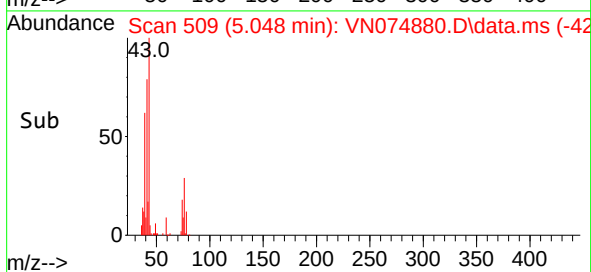
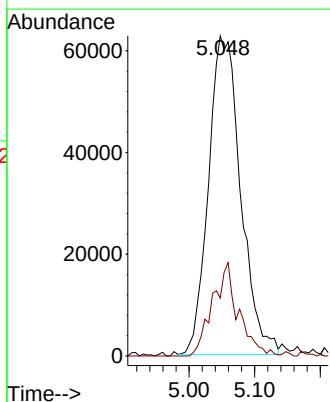
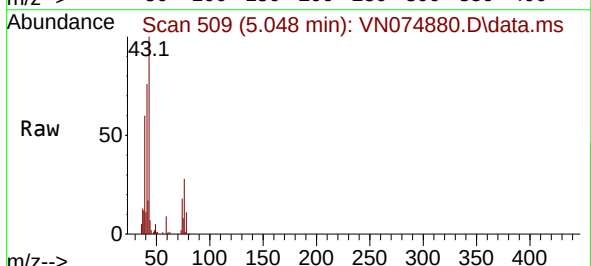
Manual Integrations
APPROVED

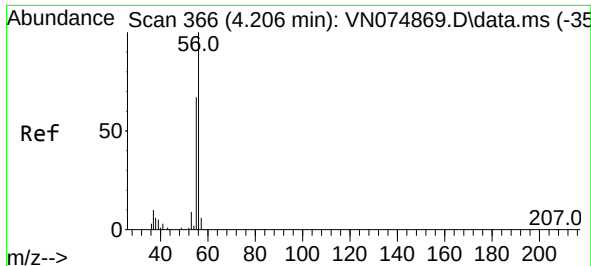
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/14/2022



#12
Methyl Acetate
Concen: 19.272 ug/l
RT: 5.048 min Scan# 509
Delta R.T. 0.000 min
Lab File: VN074880.D
Acq: 12 Oct 2022 17:09

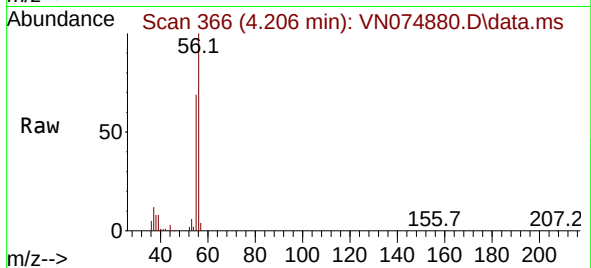
Tgt Ion: 43 Resp: 213274
Ion Ratio Lower Upper
43 100
74 18.2 19.0 28.6#





#13
Acrolein
Concen: 94.848 ug/l
RT: 4.206 min Scan# 366
Delta R.T. 0.000 min
Lab File: VN074880.D
Acq: 12 Oct 2022 17:09

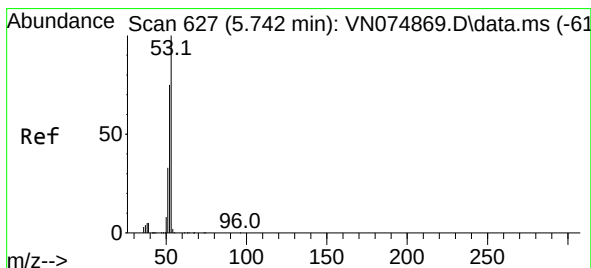
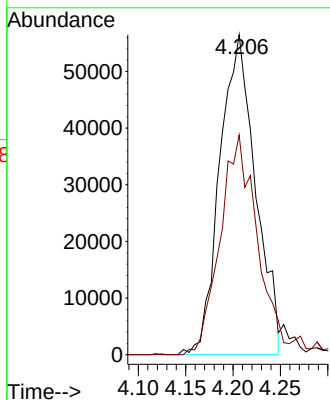
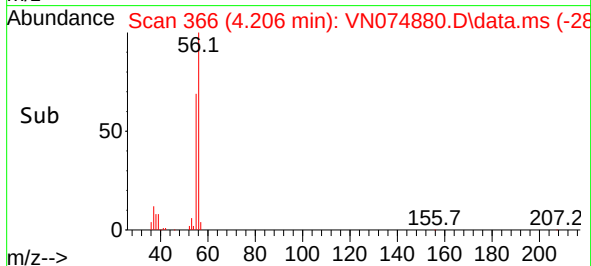
Instrument :
MSVOA_N
ClientSampleId :
VN1012WBS01



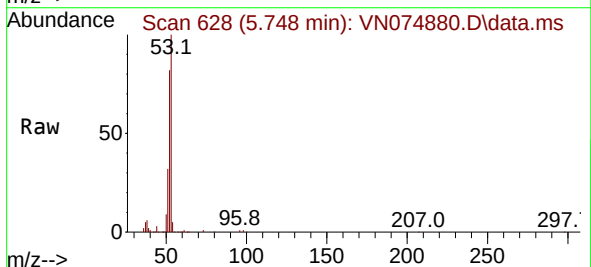
Tgt Ion: 56 Resp: 148304
Ion Ratio Lower Upper
56 100
55 71.1 56.2 84.2

Manual Integrations
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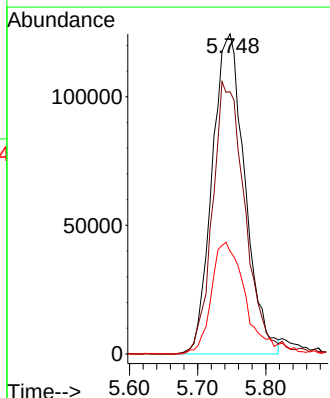
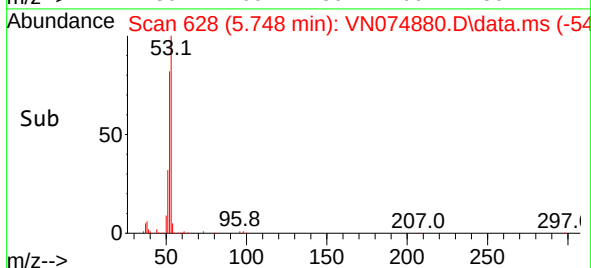
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/14/2022

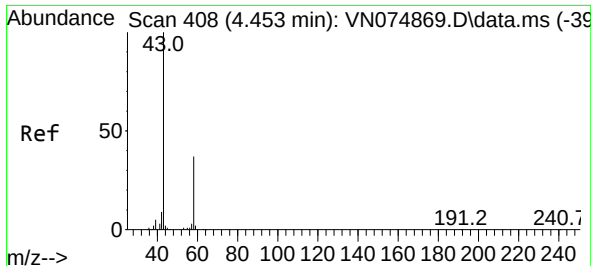


#14
Acrylonitrile
Concen: 100.734 ug/l
RT: 5.748 min Scan# 628
Delta R.T. 0.006 min
Lab File: VN074880.D
Acq: 12 Oct 2022 17:09



Tgt Ion: 53 Resp: 415767
Ion Ratio Lower Upper
53 100
52 39.2 40.8 122.4#
51 35.4 17.0 51.0





#15

Acetone

Concen: 96.387 ug/l

RT: 4.454 min Scan# 408

Delta R.T. 0.000 min

Lab File: VN074880.D

Acq: 12 Oct 2022 17:09

Instrument :

MSVOA_N

ClientSampleId :

VN1012WBS01

Tgt Ion: 58 Resp: 10903

Ion Ratio Lower Upper

58 100

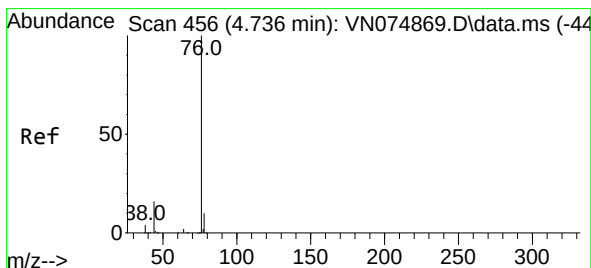
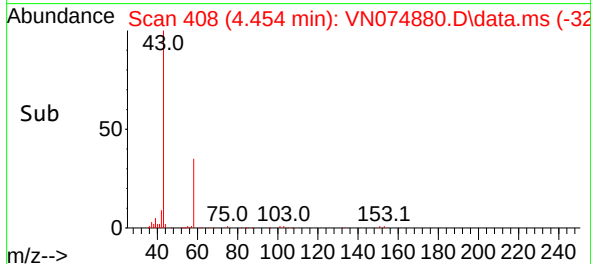
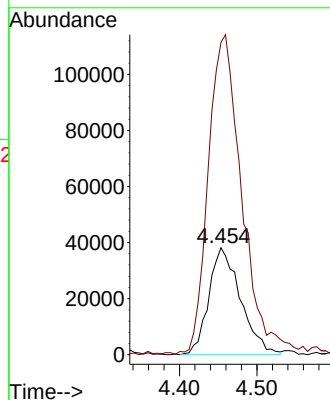
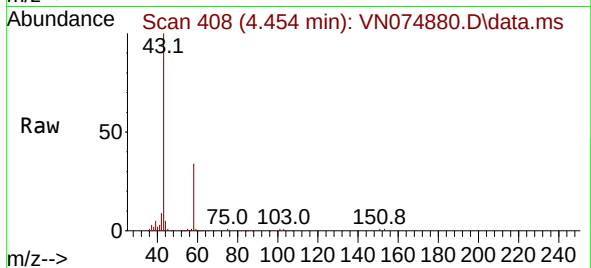
43 291.7 232.2 348.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/13/2022

Supervised By :Mahesh Dadoda 10/14/2022



#16

Carbon Disulfide

Concen: 19.812 ug/l m

RT: 4.730 min Scan# 455

Delta R.T. -0.006 min

Lab File: VN074880.D

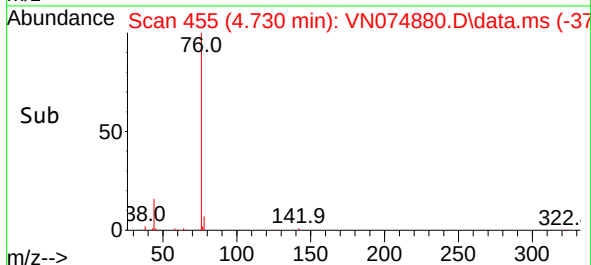
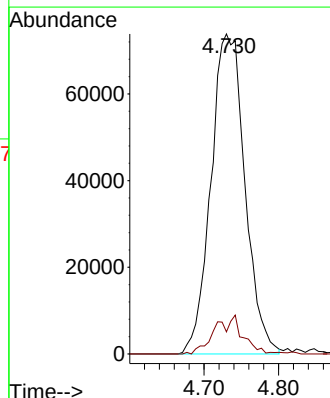
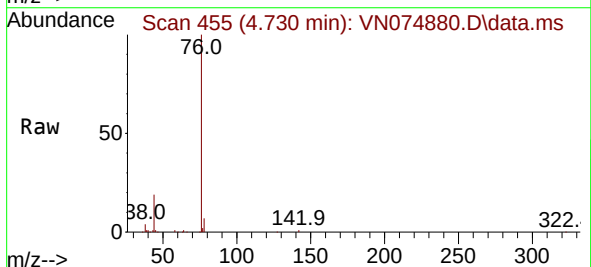
Acq: 12 Oct 2022 17:09

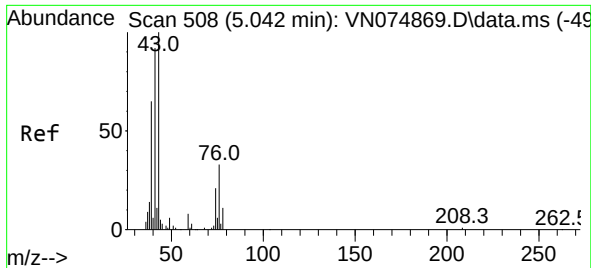
Tgt Ion: 76 Resp: 233692

Ion Ratio Lower Upper

76 100

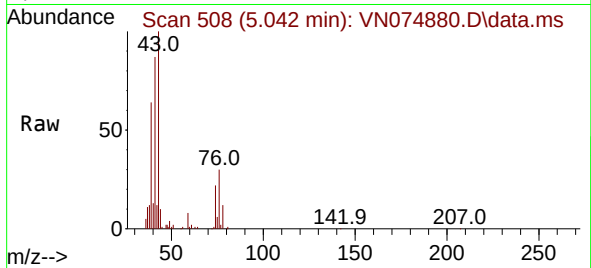
78 6.9 7.2 10.8#





#17
 Allyl chloride
 Concen: 18.439 ug/l
 RT: 5.042 min Scan# 508
 Delta R.T. 0.000 min
 Lab File: VN074880.D
 Acq: 12 Oct 2022 17:09

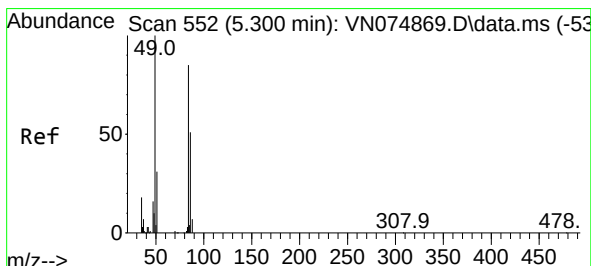
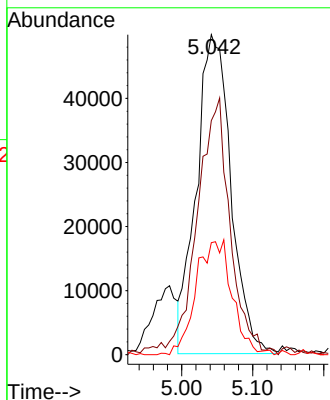
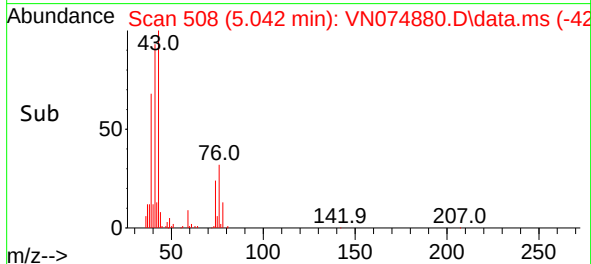
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1012WBS01



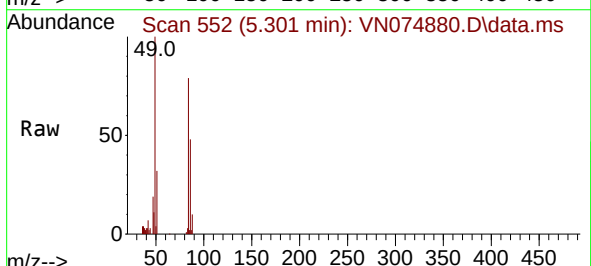
Tgt Ion: 41 Resp: 16855
 Ion Ratio Lower Upper
 41 100
 39 73.9 39.1 117.5
 76 34.8 19.8 59.4

Manual Integrations
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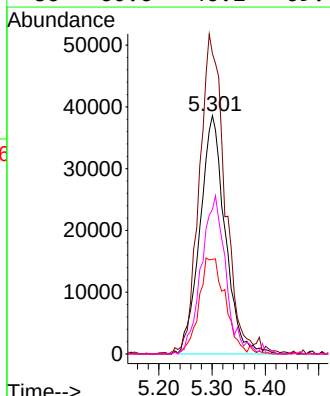
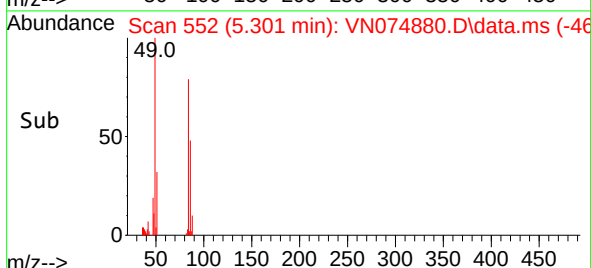
Reviewed By :John Carlone 10/13/2022
 Supervised By :Mahesh Dadoda 10/14/2022

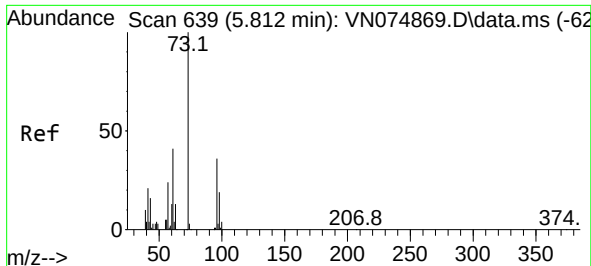


#18
 Methylene Chloride
 Concen: 21.277 ug/l
 RT: 5.301 min Scan# 552
 Delta R.T. 0.000 min
 Lab File: VN074880.D
 Acq: 12 Oct 2022 17:09



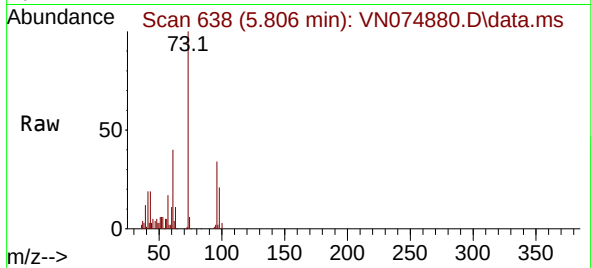
Tgt Ion: 84 Resp: 126676
 Ion Ratio Lower Upper
 84 100
 49 124.8 99.6 149.4
 51 39.7 28.2 42.2
 86 60.6 46.2 69.4





#19
trans-1,2-Dichloroethene
Concen: 20.390 ug/l
RT: 5.806 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN074880.D
Acq: 12 Oct 2022 17:09

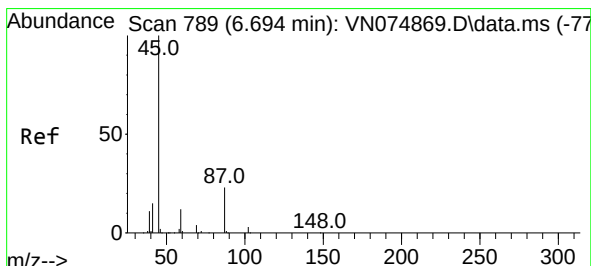
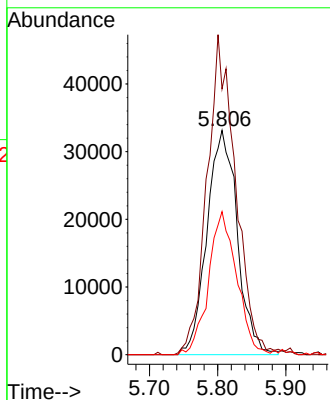
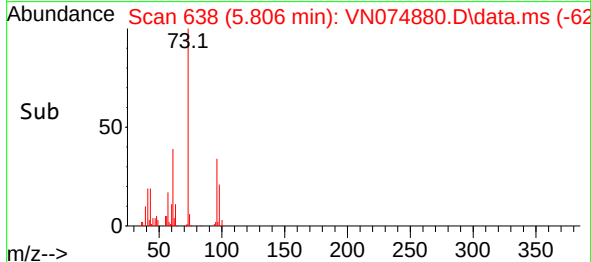
Instrument :
MSVOA_N
ClientSampleId :
VN1012WBS01



Tgt Ion: 96 Resp: 10276
Ion Ratio Lower Upper
96 100
61 117.7 110.2 165.4
98 63.8 50.0 75.0

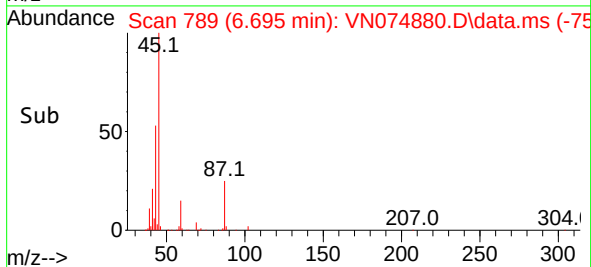
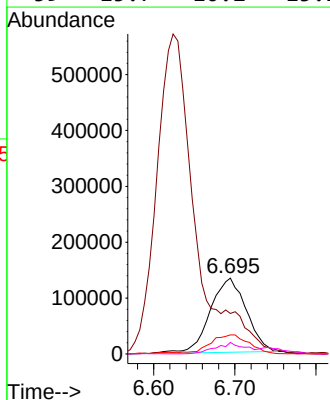
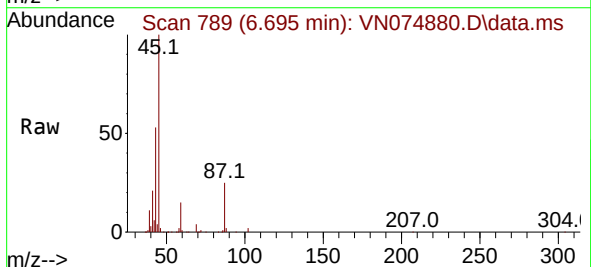
Manual Integrations
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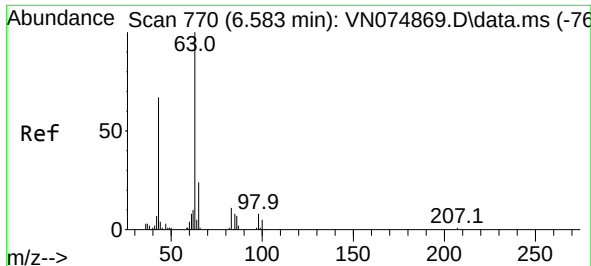
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/14/2022



#20
Diisopropyl ether
Concen: 18.949 ug/l
RT: 6.695 min Scan# 789
Delta R.T. 0.000 min
Lab File: VN074880.D
Acq: 12 Oct 2022 17:09

Tgt Ion: 45 Resp: 404362
Ion Ratio Lower Upper
45 100
43 50.3 47.3 70.9
87 25.4 21.8 32.8
59 15.7 10.2 15.2#





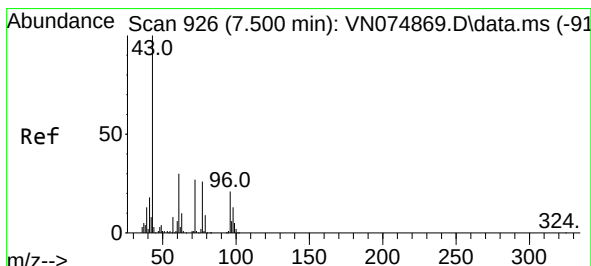
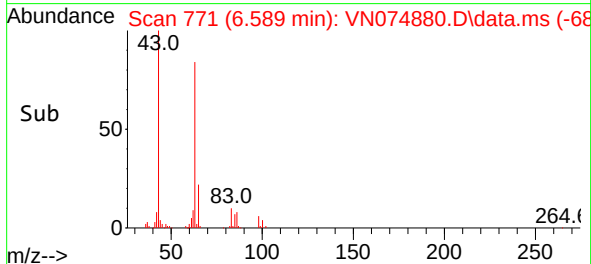
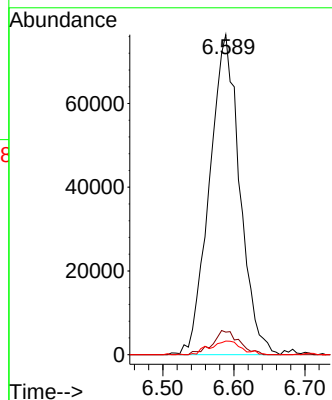
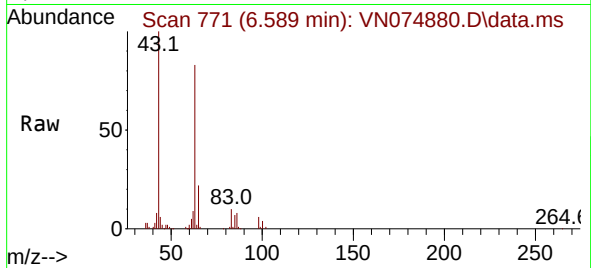
#21
1,1-Dichloroethane
Concen: 20.835 ug/l
RT: 6.589 min Scan# 71
Delta R.T. 0.006 min
Lab File: VN074880.D
Acq: 12 Oct 2022 17:09

Instrument :
MSVOA_N
ClientSampleId :
VN1012WBS01

Tgt Ion: 63 Resp: 226198
Ion Ratio Lower Upper
63 100
98 7.0 3.3 9.9
100 4.3 2.2 6.6

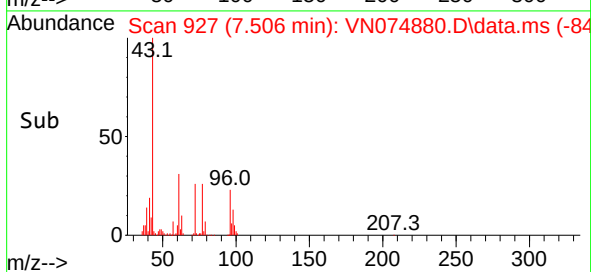
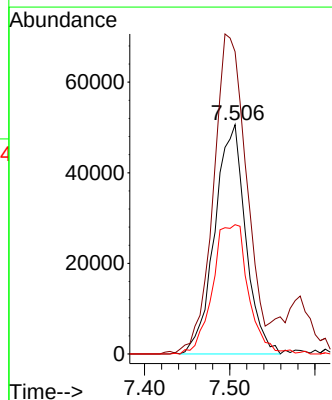
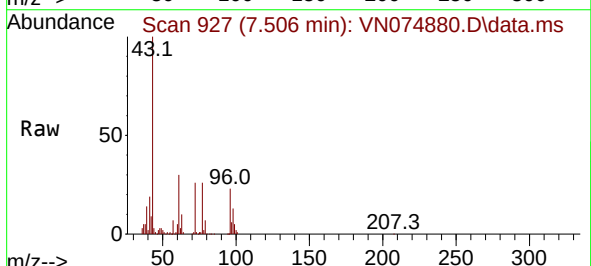
Manual Integrations
APPROVED

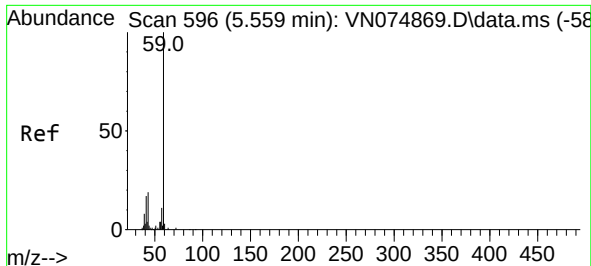
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/14/2022



#22
cis-1,2-Dichloroethene
Concen: 20.205 ug/l
RT: 7.506 min Scan# 927
Delta R.T. 0.006 min
Lab File: VN074880.D
Acq: 12 Oct 2022 17:09

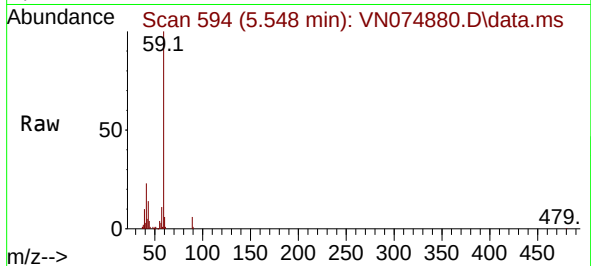
Tgt Ion: 96 Resp: 127521
Ion Ratio Lower Upper
96 100
61 147.8 118.8 178.2
98 35.4 52.1 78.1#





#23
tert-Butyl Alcohol
Concen: 99.042 ug/l
RT: 5.548 min Scan# 59
Delta R.T. -0.012 min
Lab File: VN074880.D
Acq: 12 Oct 2022 17:09

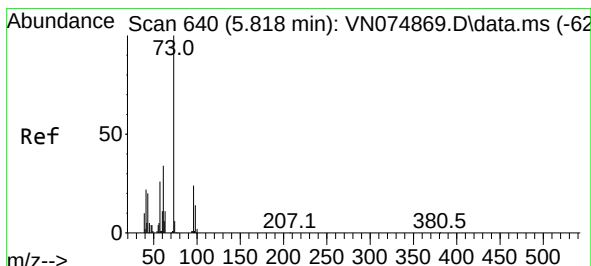
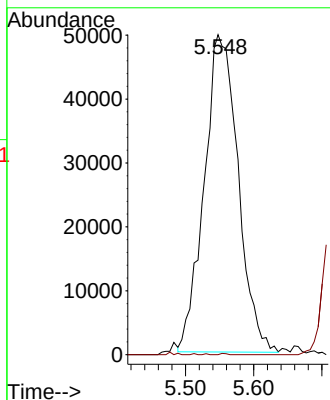
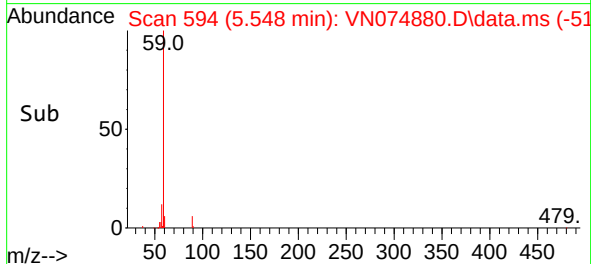
Instrument :
MSVOA_N
ClientSampleId :
VN1012WBS01



Tgt Ion: 59 Resp: 172240
Ion Ratio Lower Upper
59 100
52 0.1 0.2 0.4

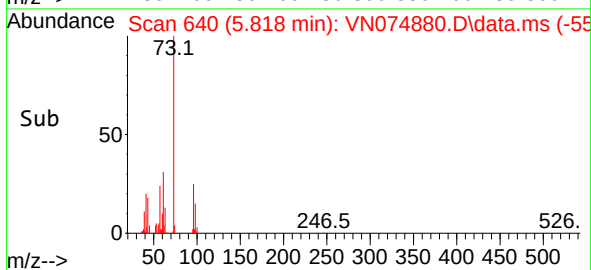
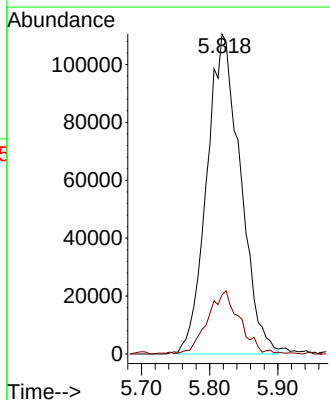
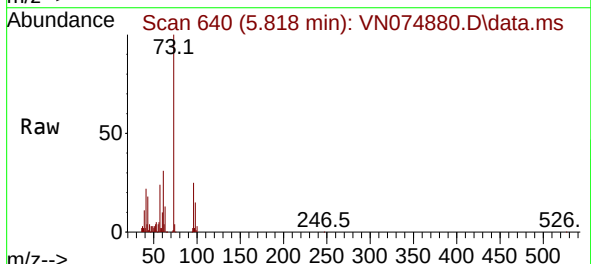
Manual Integrations
APPROVED

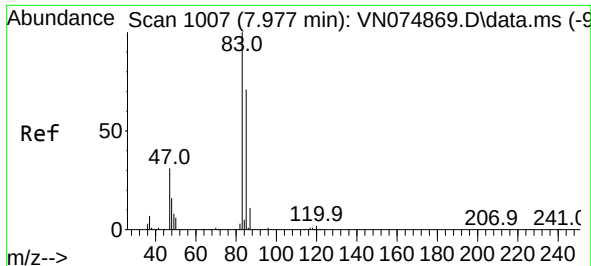
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/14/2022



#24
Methyl tert-Butyl Ether
Concen: 19.811 ug/l
RT: 5.818 min Scan# 640
Delta R.T. 0.000 min
Lab File: VN074880.D
Acq: 12 Oct 2022 17:09

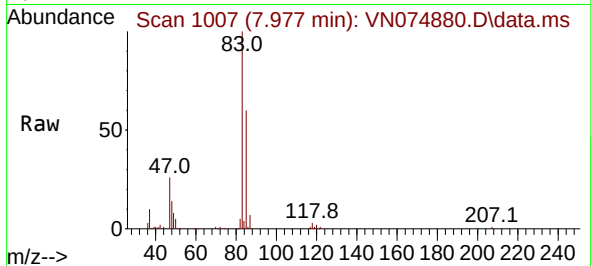
Tgt Ion: 73 Resp: 379869
Ion Ratio Lower Upper
73 100
43 17.7 15.6 23.4





#25
Chloroform
Concen: 19.998 ug/l
RT: 7.977 min Scan# 1007
Delta R.T. 0.000 min
Lab File: VN074880.D
Acq: 12 Oct 2022 17:09

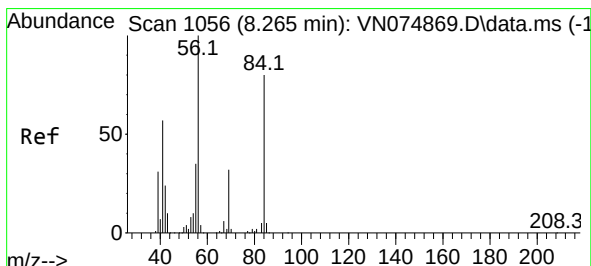
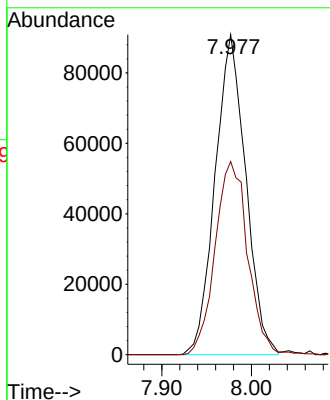
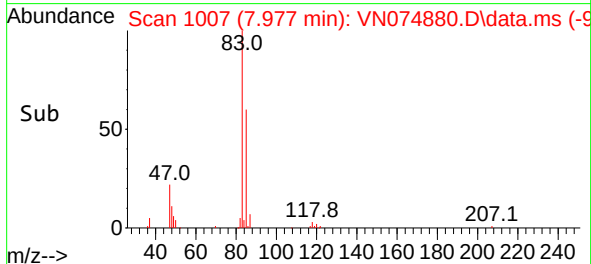
Instrument :
MSVOA_N
ClientSampleId :
VN1012WBS01



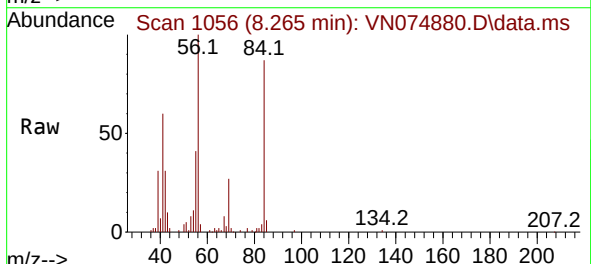
Tgt Ion: 83 Resp: 21558
Ion Ratio Lower Upper
83 100
85 60.3 53.6 80.4

Manual Integrations
APPROVED

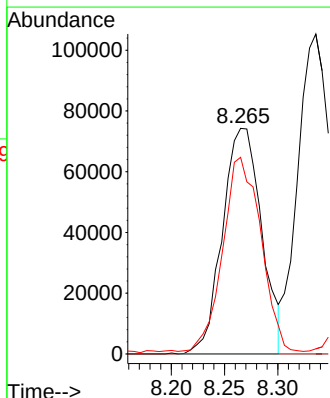
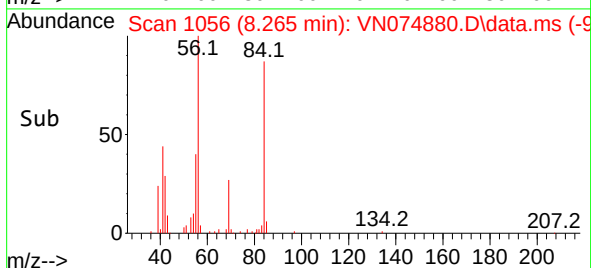
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/14/2022

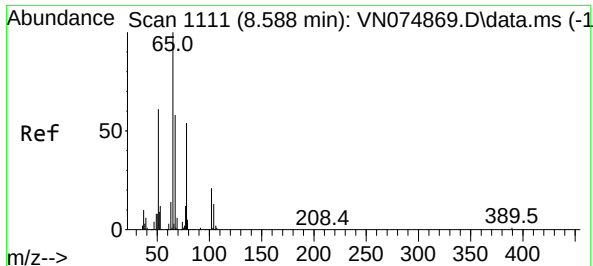


#26
Cyclohexane
Concen: 19.916 ug/l
RT: 8.265 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN074880.D
Acq: 12 Oct 2022 17:09



Tgt Ion: 56 Resp: 189922
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 86.2 68.4 102.6





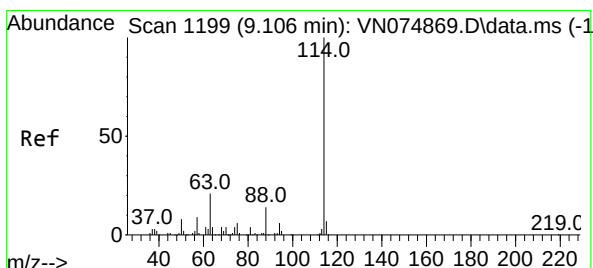
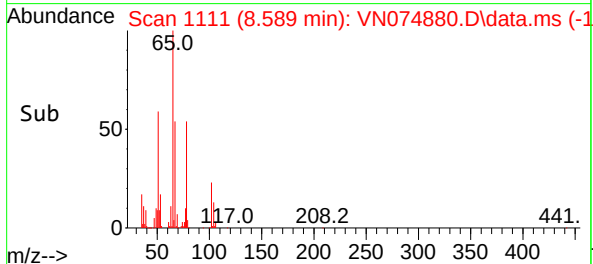
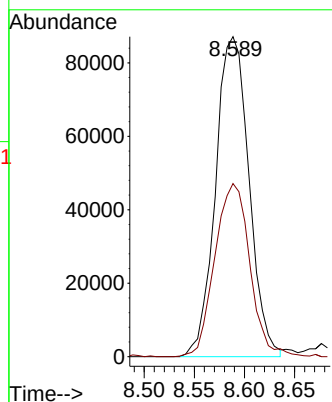
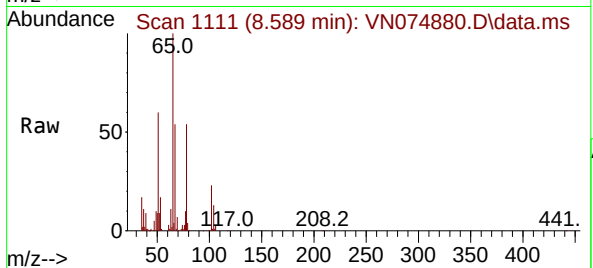
#27
1,2-Dichloroethane-d4
Concen: 28.665 ug/l
RT: 8.589 min Scan# 1111
Delta R.T. 0.000 min
Lab File: VN074880.D
Acq: 12 Oct 2022 17:09

Instrument :
MSVOA_N
ClientSampleId :
VN1012WBS01

Tgt Ion: 65 Resp: 20189
Ion Ratio Lower Upper
65 100
67 56.7 45.2 67.8

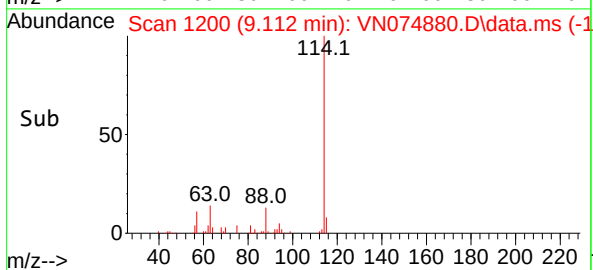
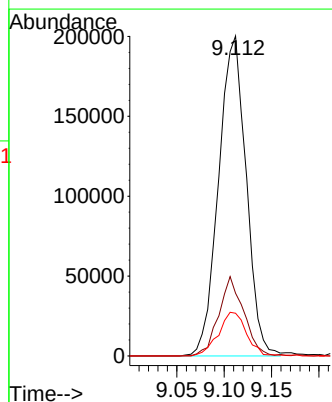
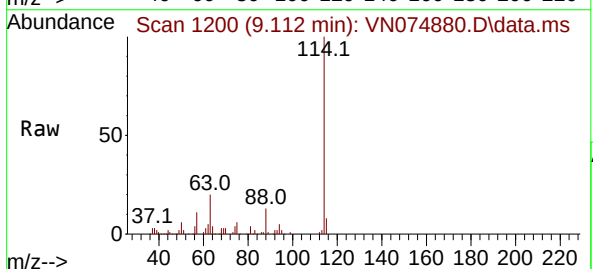
Manual Integrations
APPROVED

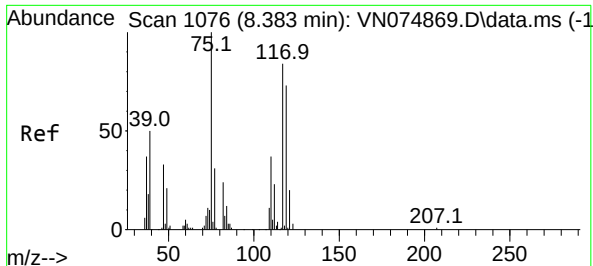
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/14/2022



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.112 min Scan# 1200
Delta R.T. 0.006 min
Lab File: VN074880.D
Acq: 12 Oct 2022 17:09

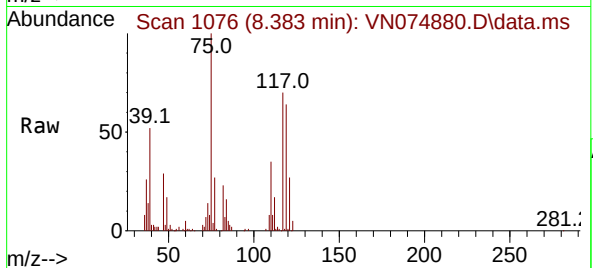
Tgt Ion:114 Resp: 405511
Ion Ratio Lower Upper
114 100
63 22.5 16.6 25.0
88 13.8 12.2 18.4





#29
1,1-Dichloropropene
Concen: 20.498 ug/l
RT: 8.383 min Scan# 1076
Delta R.T. 0.000 min
Lab File: VN074880.D
Acq: 12 Oct 2022 17:09

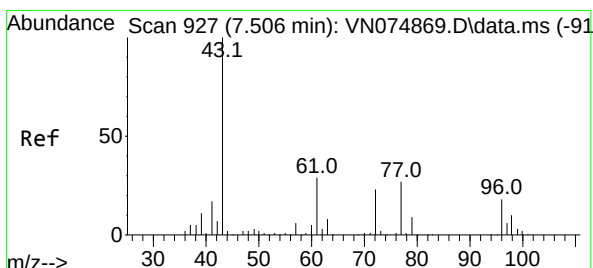
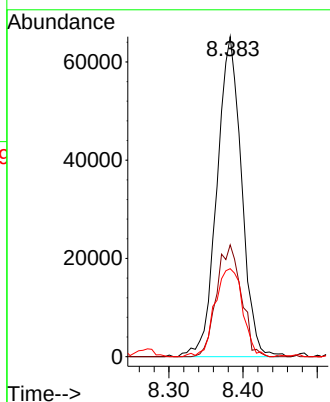
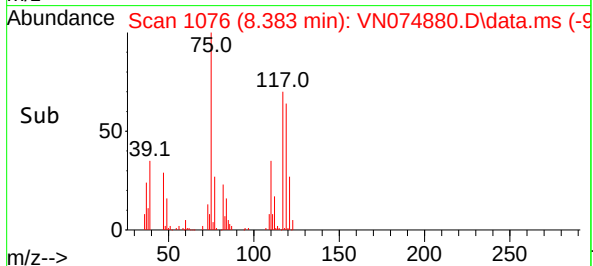
Instrument :
MSVOA_N
ClientSampleId :
VN1012WBS01



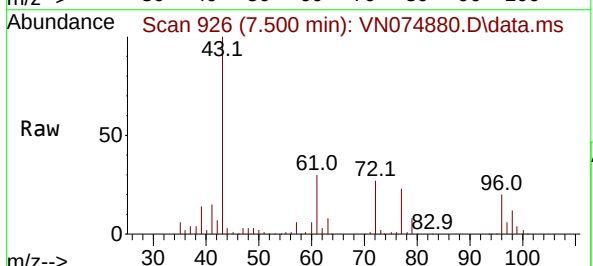
Tgt Ion: 75 Resp: 14998
Ion Ratio Lower Upper
75 100
110 34.7 0.0 72.2
77 30.8 0.0 64.0

Manual Integrations
APPROVED

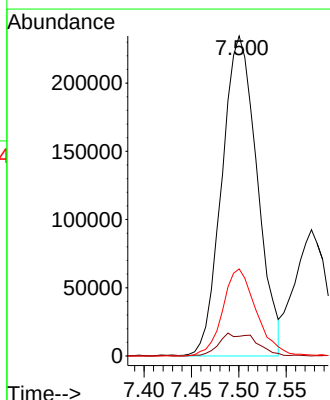
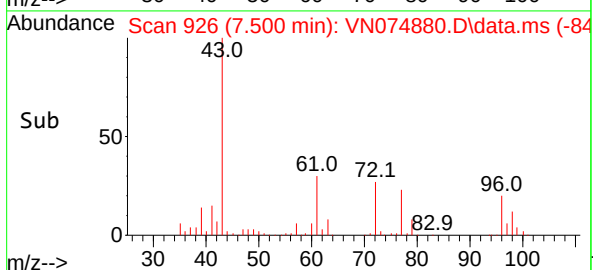
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/14/2022

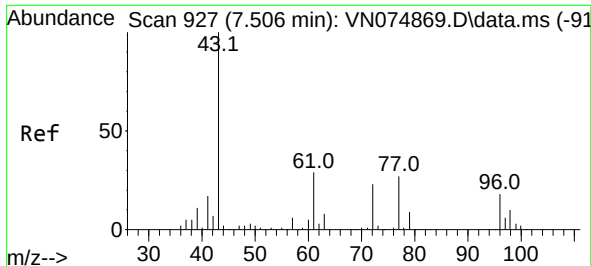


#30
2-Butanone
Concen: 104.165 ug/l
RT: 7.500 min Scan# 926
Delta R.T. -0.006 min
Lab File: VN074880.D
Acq: 12 Oct 2022 17:09



Tgt Ion: 43 Resp: 608101
Ion Ratio Lower Upper
43 100
57 3.4 6.3 9.5#
72 26.0 21.0 31.4





#31

2,2-Dichloropropane

Concen: 19.513 ug/l m

RT: 7.512 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN074880.D

Acq: 12 Oct 2022 17:09

Instrument :

MSVOA_N

ClientSampleId :

VN1012WBS01

Tgt Ion: 77 Resp: 17476

Ion Ratio Lower Upper

77 100

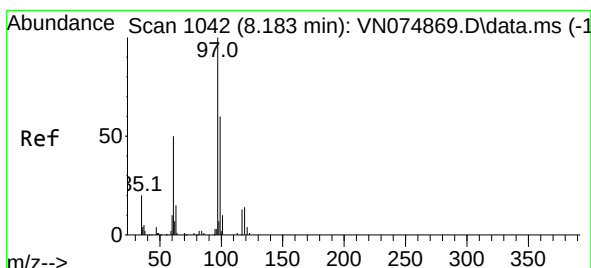
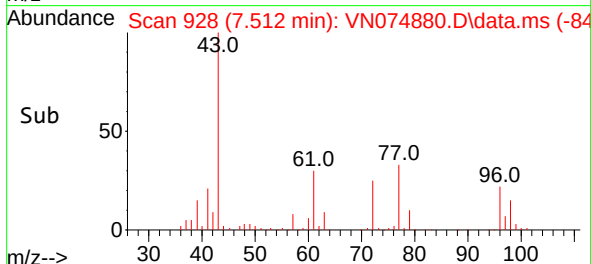
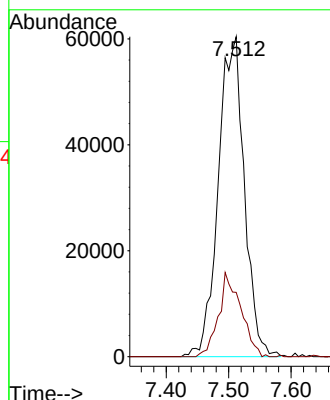
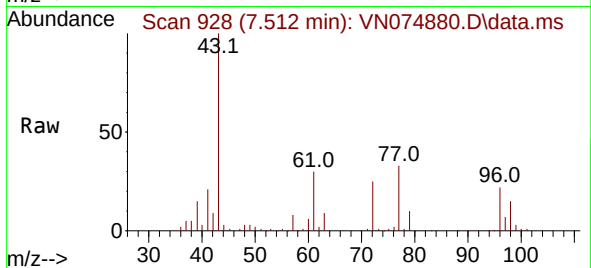
97 22.5 18.4 27.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/13/2022

Supervised By :Mahesh Dadoda 10/14/2022



#32

1,1,1-Trichloroethane

Concen: 21.355 ug/l

RT: 8.177 min Scan# 1041

Delta R.T. -0.006 min

Lab File: VN074880.D

Acq: 12 Oct 2022 17:09

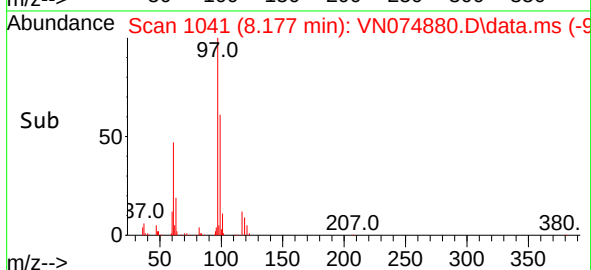
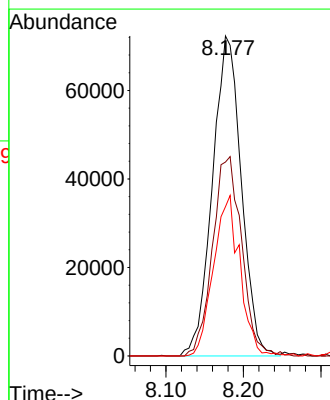
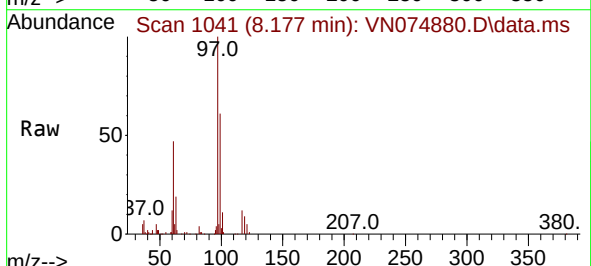
Tgt Ion: 97 Resp: 187376

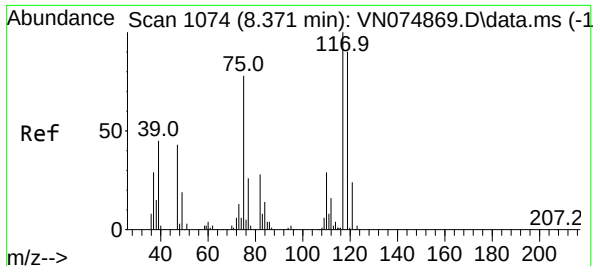
Ion Ratio Lower Upper

97 100

99 62.6 50.0 75.0

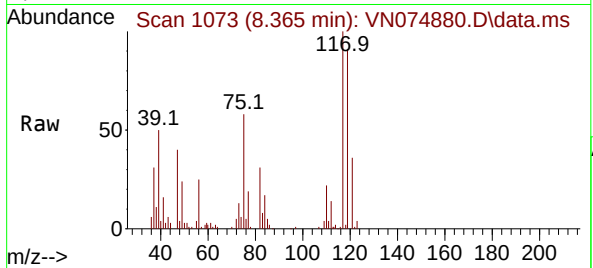
61 45.9 36.1 54.1





#33
Carbon Tetrachloride
Concen: 20.375 ug/l
RT: 8.365 min Scan# 1107
Delta R.T. -0.006 min
Lab File: VN074880.D
Acq: 12 Oct 2022 17:09

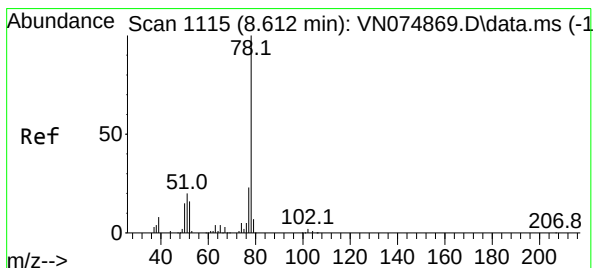
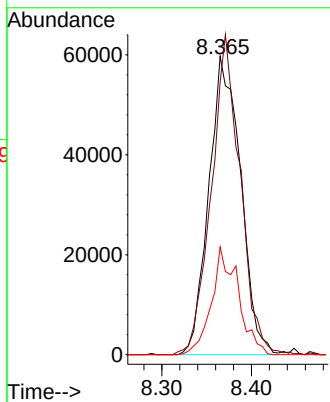
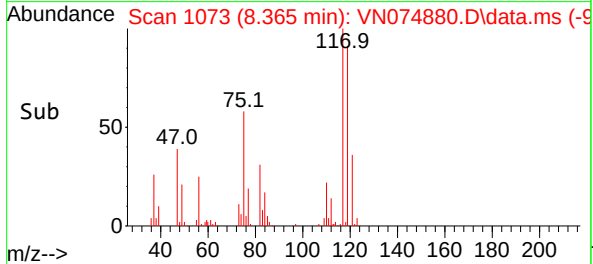
Instrument :
MSVOA_N
ClientSampleId :
VN1012WBS01



Tgt Ion: 117 Resp: 146823
Ion Ratio Lower Upper
117 100
119 90.3 77.8 116.6
121 36.1 27.6 41.4

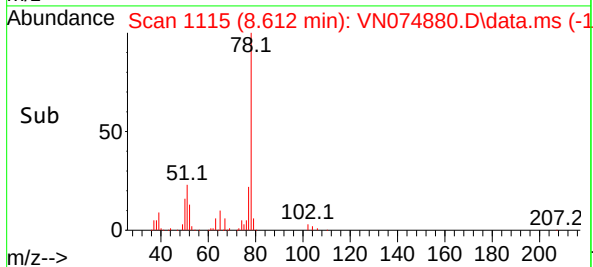
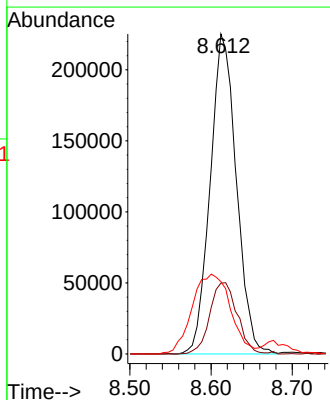
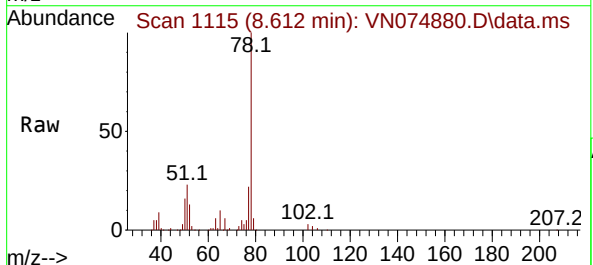
Manual Integrations
APPROVED

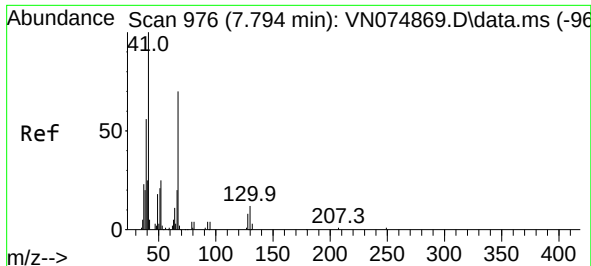
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/14/2022



#34
Benzene
Concen: 20.884 ug/l
RT: 8.612 min Scan# 1115
Delta R.T. 0.000 min
Lab File: VN074880.D
Acq: 12 Oct 2022 17:09

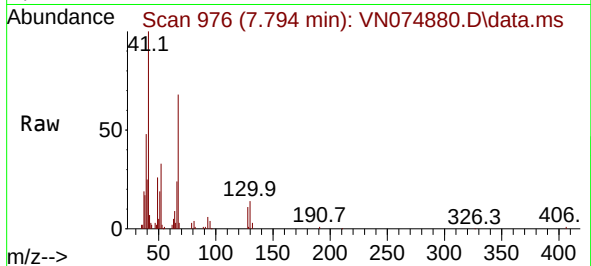
Tgt Ion: 78 Resp: 505086
Ion Ratio Lower Upper
78 100
77 22.2 19.9 29.9
51 19.9 21.1 31.7#





#35
Methacrylonitrile
Concen: 19.470 ug/l
RT: 7.794 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN074880.D
Acq: 12 Oct 2022 17:09

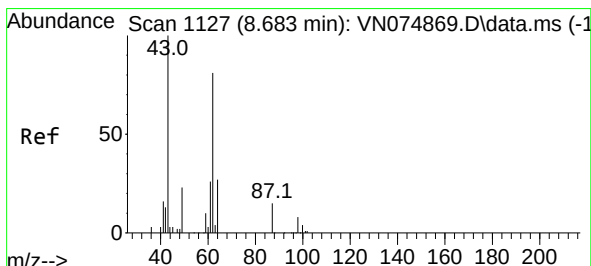
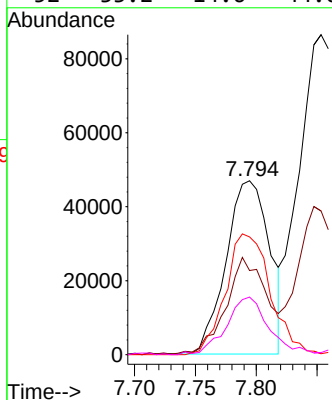
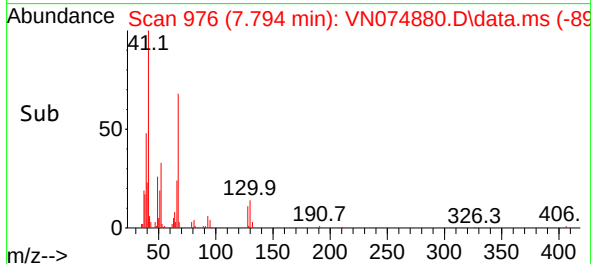
Instrument :
MSVOA_N
ClientSampleId :
VN1012WBS01



Tgt Ion: 41 Resp: 116814
Ion Ratio Lower Upper
41 100
39 47.7 27.7 83.1
67 68.0 38.0 113.9
52 33.2 14.6 44.0

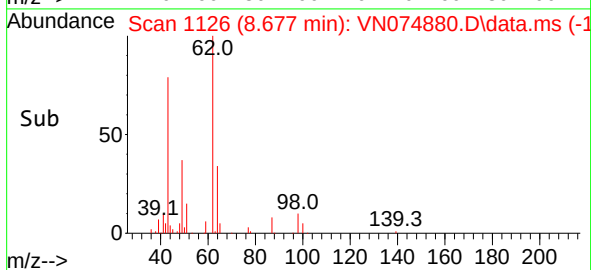
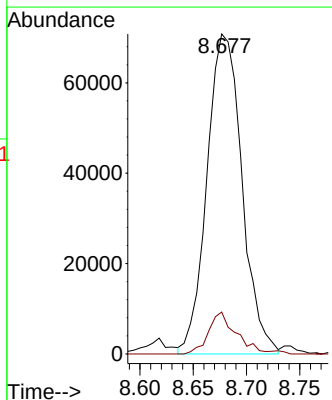
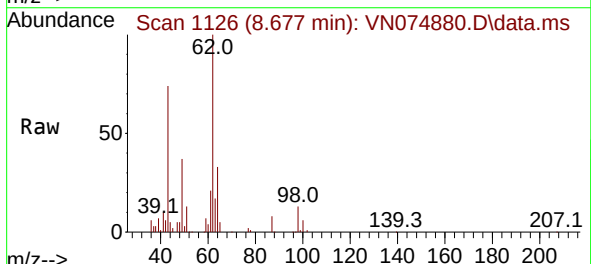
Manual Integrations
APPROVED

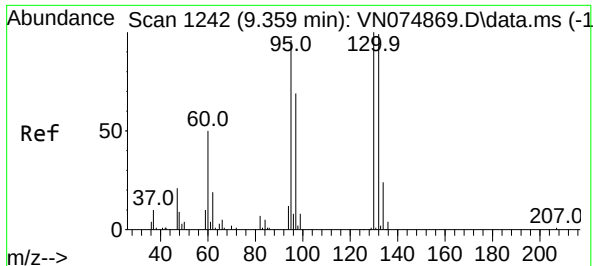
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/14/2022



#36
1,2-Dichloroethane
Concen: 20.091 ug/l
RT: 8.677 min Scan# 1126
Delta R.T. -0.006 min
Lab File: VN074880.D
Acq: 12 Oct 2022 17:09

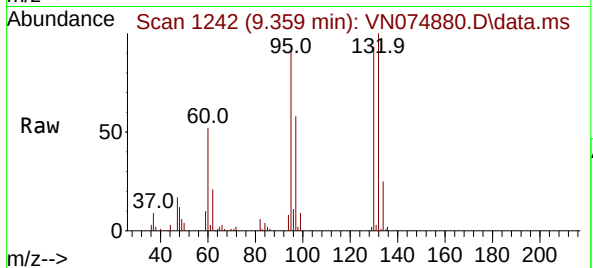
Tgt Ion: 62 Resp: 161814
Ion Ratio Lower Upper
62 100
98 10.2 7.4 11.2





#37
Trichloroethene
Concen: 21.206 ug/l
RT: 9.359 min Scan# 1242
Delta R.T. 0.000 min
Lab File: VN074880.D
Acq: 12 Oct 2022 17:09

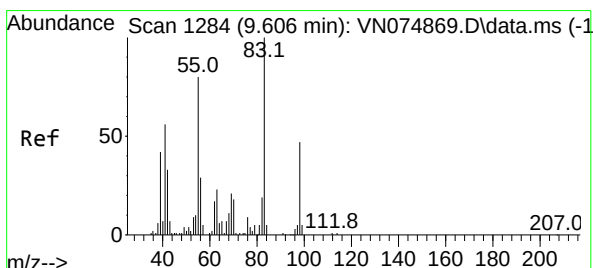
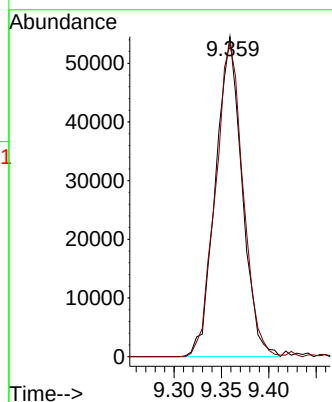
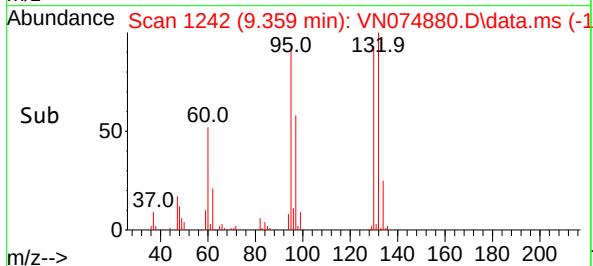
Instrument :
MSVOA_N
ClientSampleId :
VN1012WBS01



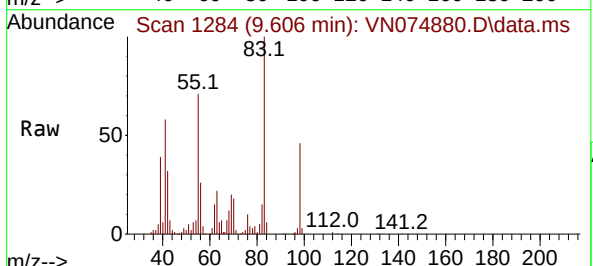
Tgt Ion:130 Resp: 10666
Ion Ratio Lower Upper
130 100
95 97.9 75.9 113.9

Manual Integrations
APPROVED

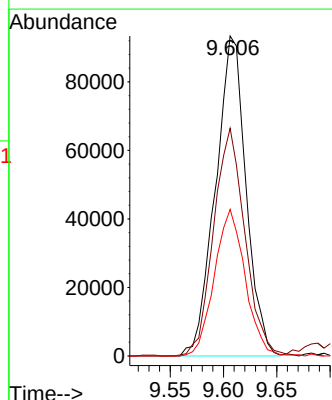
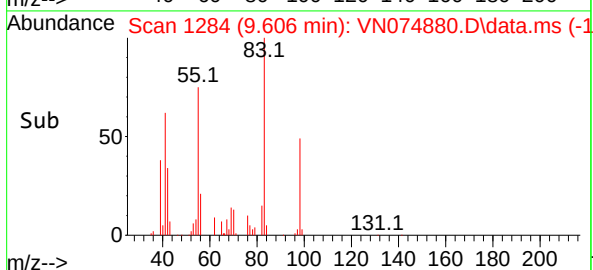
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/14/2022

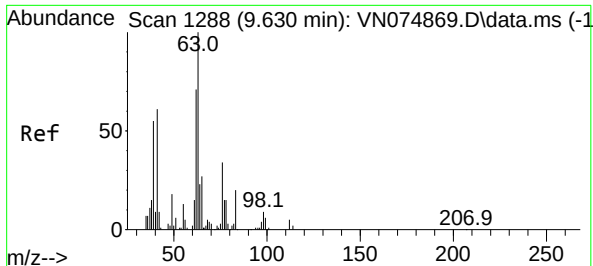


#38
Methylcyclohexane
Concen: 20.967 ug/l
RT: 9.606 min Scan# 1284
Delta R.T. 0.000 min
Lab File: VN074880.D
Acq: 12 Oct 2022 17:09



Tgt Ion: 83 Resp: 186372
Ion Ratio Lower Upper
83 100
55 72.8 37.4 112.2
98 46.0 24.5 73.5





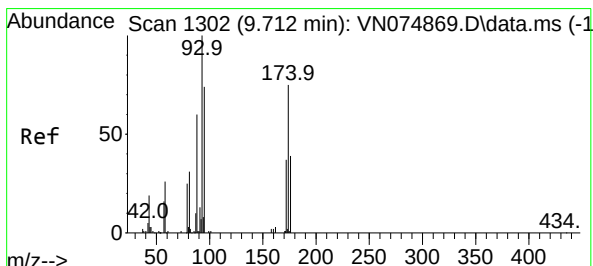
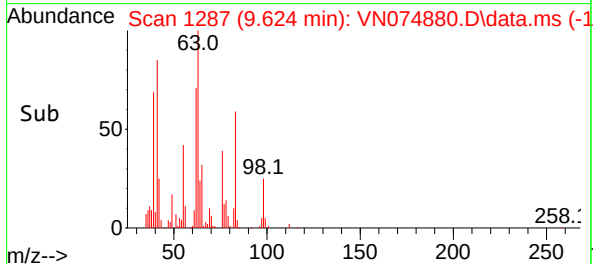
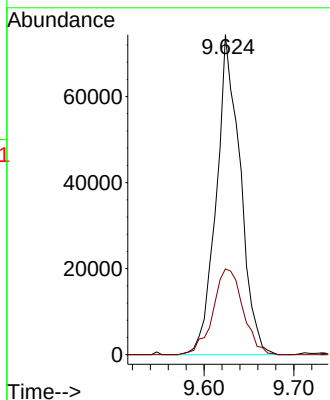
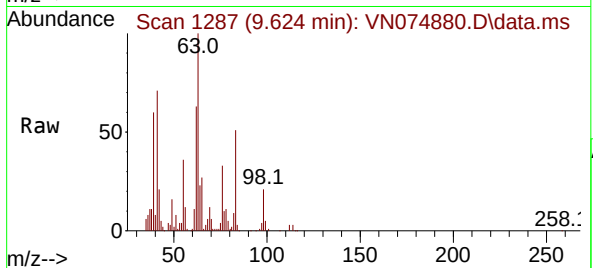
#39
1,2-Dichloropropane
Concen: 21.957 ug/l
RT: 9.624 min Scan# 1287
Delta R.T. -0.006 min
Lab File: VN074880.D
Acq: 12 Oct 2022 17:09

Instrument :
MSVOA_N
ClientSampleId :
VN1012WBS01

Tgt Ion: 63 Resp: 13766
Ion Ratio Lower Upper
63 100
65 26.8 25.0 37.6

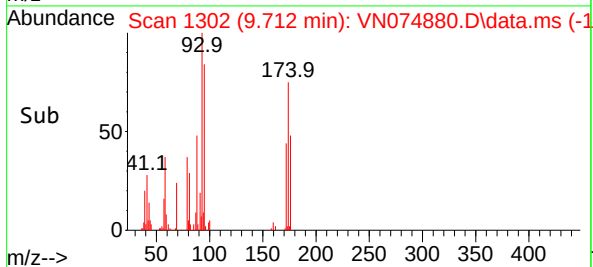
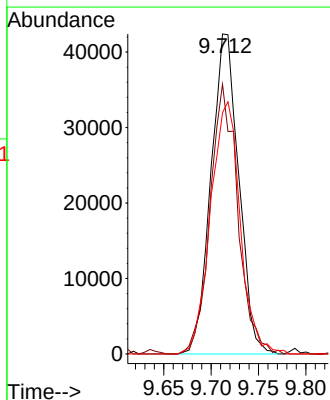
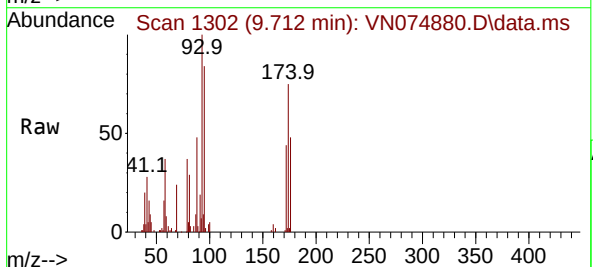
Manual Integrations
APPROVED

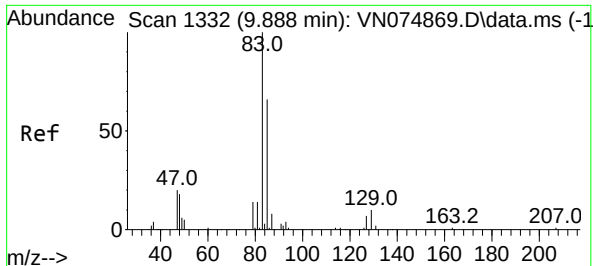
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/14/2022



#40
Dibromomethane
Concen: 20.835 ug/l
RT: 9.712 min Scan# 1302
Delta R.T. 0.000 min
Lab File: VN074880.D
Acq: 12 Oct 2022 17:09

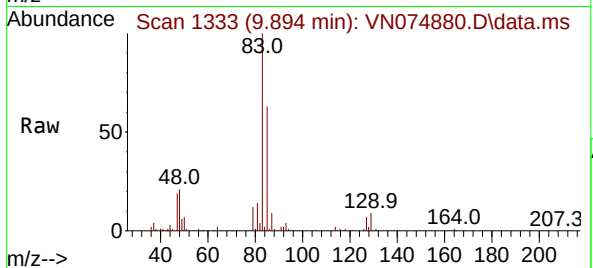
Tgt Ion: 93 Resp: 86565
Ion Ratio Lower Upper
93 100
95 83.6 0.0 168.0
174 83.9 0.0 158.4





#41
Bromodichloromethane
Concen: 20.889 ug/l
RT: 9.894 min Scan# 1333
Delta R.T. 0.006 min
Lab File: VN074880.D
Acq: 12 Oct 2022 17:09

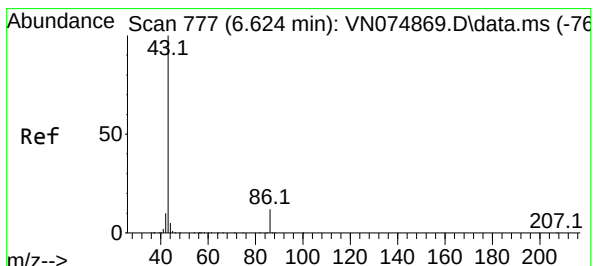
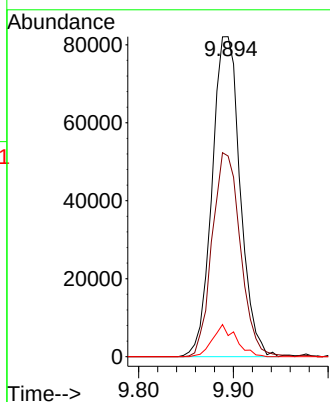
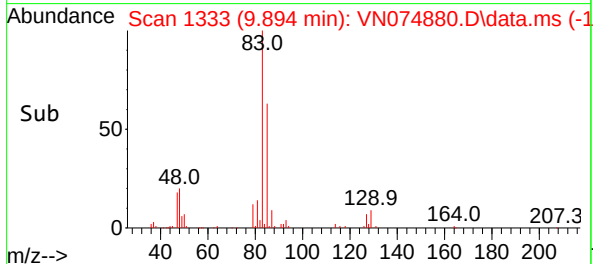
Instrument :
MSVOA_N
ClientSampleId :
VN1012WBS01



Tgt Ion: 83 Resp: 16901
Ion Ratio Lower Upper
83 100
85 62.7 50.2 75.4
127 6.6 5.1 7.7

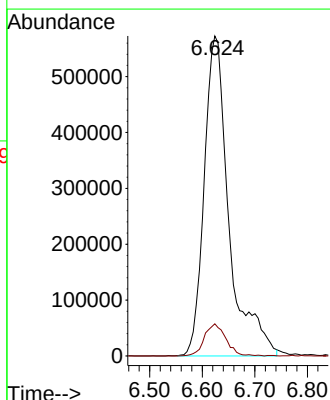
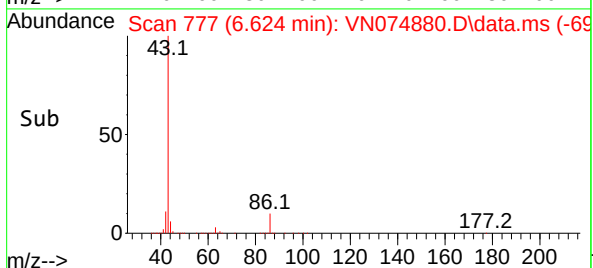
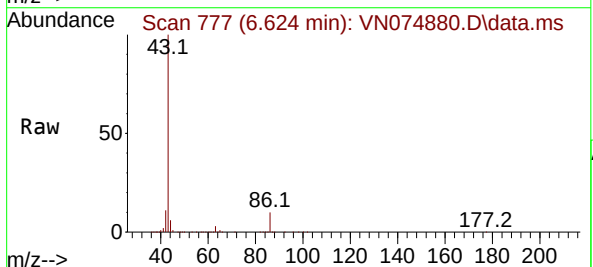
Manual Integrations
APPROVED

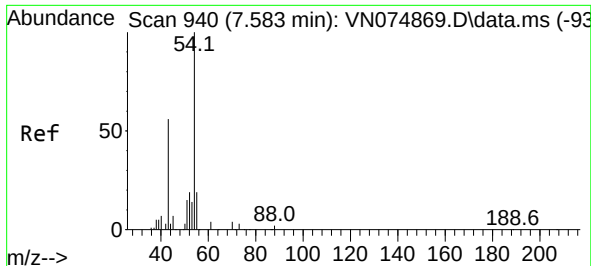
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/14/2022



#42
Vinyl Acetate
Concen: 108.329 ug/l m
RT: 6.624 min Scan# 777
Delta R.T. 0.000 min
Lab File: VN074880.D
Acq: 12 Oct 2022 17:09

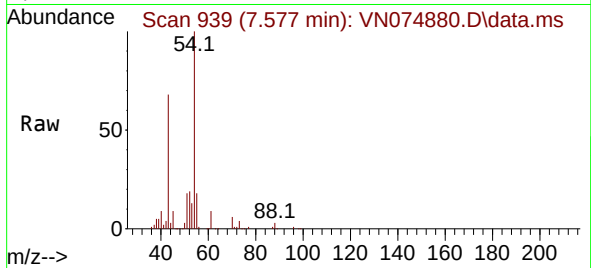
Tgt Ion: 43 Resp: 1883833
Ion Ratio Lower Upper
43 100
86 8.5 7.5 11.3





#43
Ethyl Acetate
Concen: 20.451 ug/l
RT: 7.577 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN074880.D
Acq: 12 Oct 2022 17:09

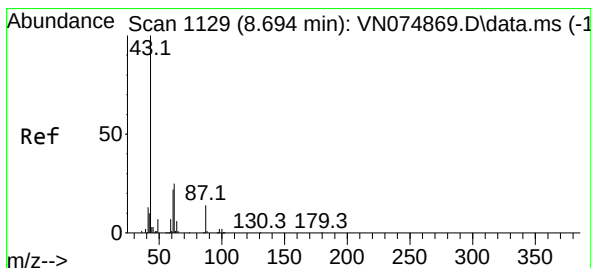
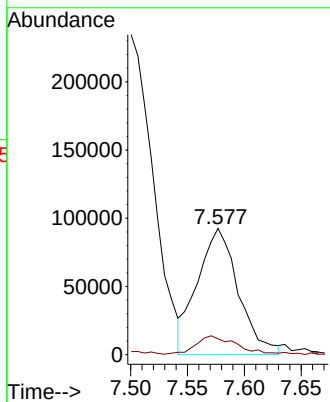
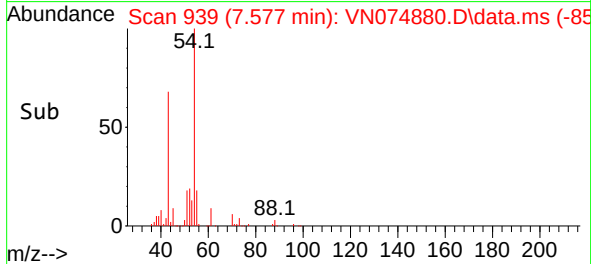
Instrument :
MSVOA_N
ClientSampleId :
VN1012WBS01



Tgt Ion: 43 Resp: 23212
Ion Ratio Lower Upper
43 100
45 13.7 11.5 17.3

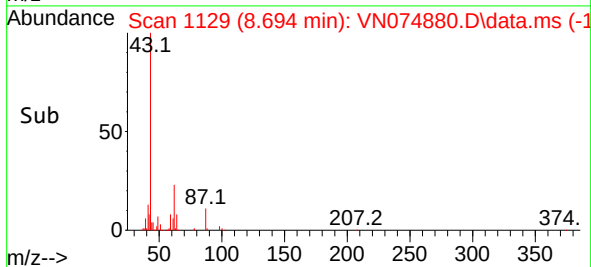
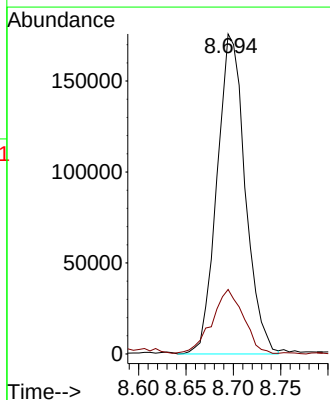
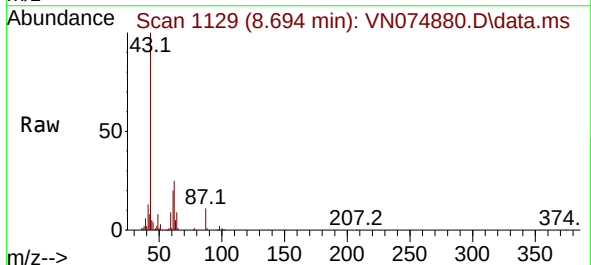
Manual Integrations
APPROVED

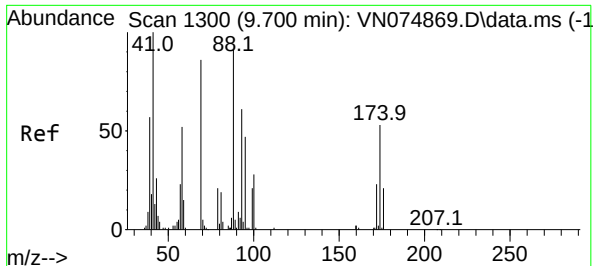
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/14/2022



#44
Isopropyl Acetate
Concen: 20.773 ug/l
RT: 8.694 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VN074880.D
Acq: 12 Oct 2022 17:09

Tgt Ion: 43 Resp: 364605
Ion Ratio Lower Upper
43 100
61 22.8 19.5 29.3





#45

1,4-Dioxane

Concen: 389.869 ug/l

RT: 9.700 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN074880.D

Acq: 12 Oct 2022 17:09

Instrument :

MSVOA_N

ClientSampleId :

VN1012WBS01

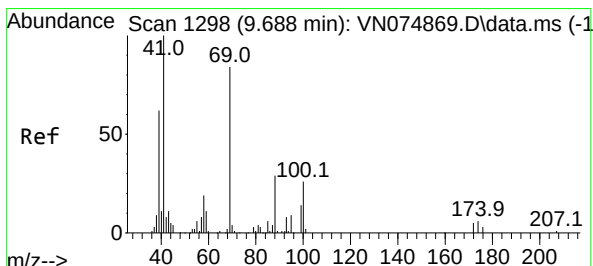
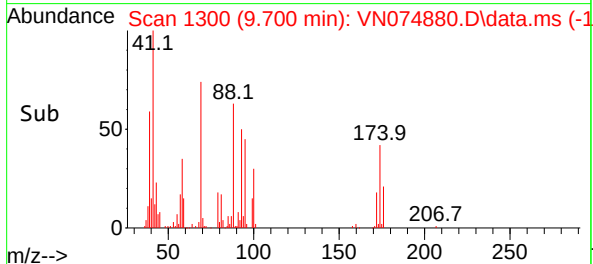
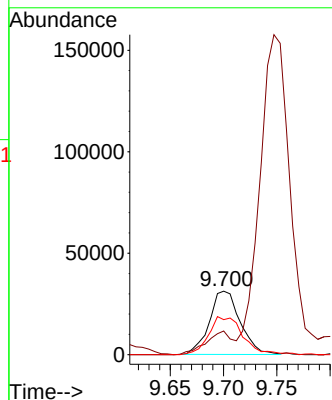
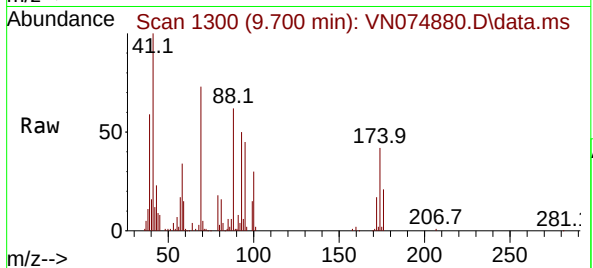
Tgt Ion: 88 Resp: 62749
 Ion Ratio Lower Upper
 88 100
 43 32.6 25.7 38.5
 58 63.7 53.4 80.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/13/2022

Supervised By :Mahesh Dadoda 10/14/2022



#46

Methyl methacrylate

Concen: 20.083 ug/l

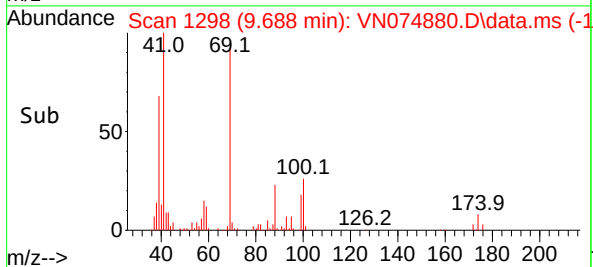
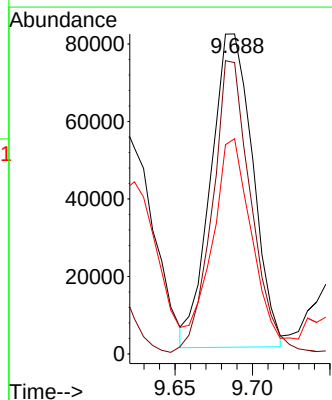
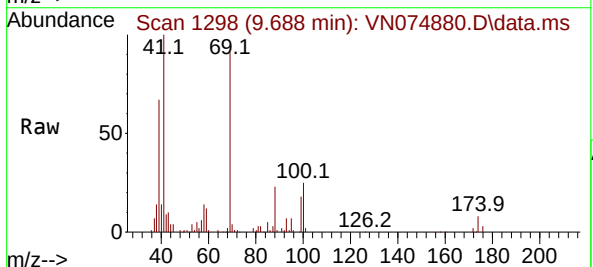
RT: 9.688 min Scan# 1298

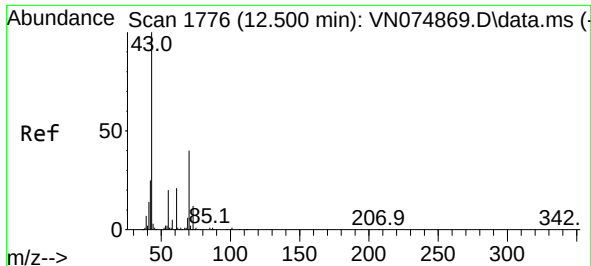
Delta R.T. 0.000 min

Lab File: VN074880.D

Acq: 12 Oct 2022 17:09

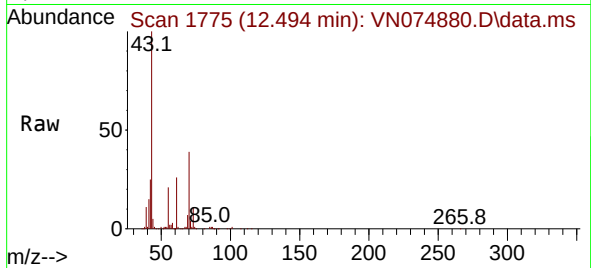
Tgt Ion: 41 Resp: 152664
 Ion Ratio Lower Upper
 41 100
 69 94.1 45.6 136.7
 39 66.1 32.3 96.9





#47
n-amy1 Acetate
Concen: 19.656 ug/l
RT: 12.494 min Scan# 1775
Delta R.T. -0.006 min
Lab File: VN074880.D
Acq: 12 Oct 2022 17:09

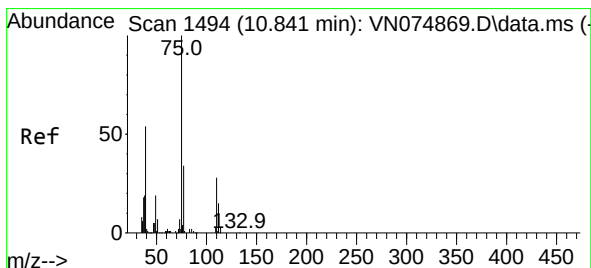
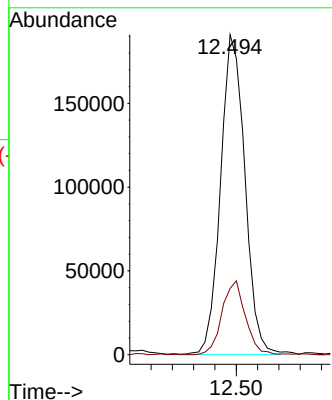
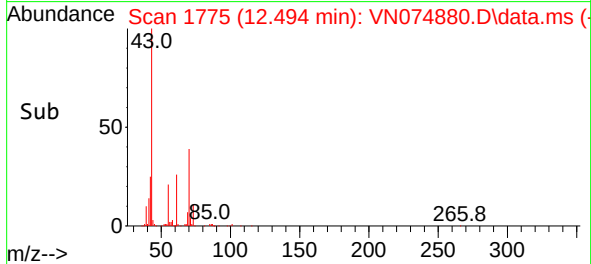
Instrument :
MSVOA_N
ClientSampleId :
VN1012WBS01



Tgt Ion: 43 Resp: 301868
Ion Ratio Lower Upper
43 100
55 22.2 16.8 25.2

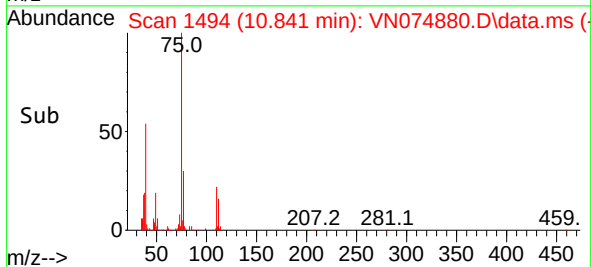
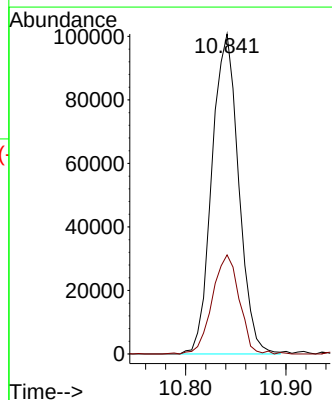
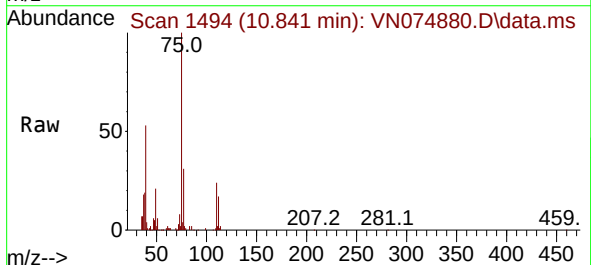
Manual Integrations
APPROVED

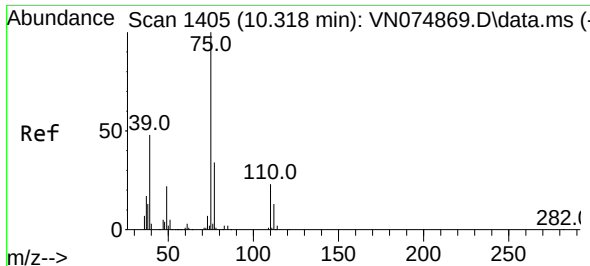
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/14/2022



#48
t-1,3-Dichloropropene
Concen: 20.146 ug/l
RT: 10.841 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VN074880.D
Acq: 12 Oct 2022 17:09

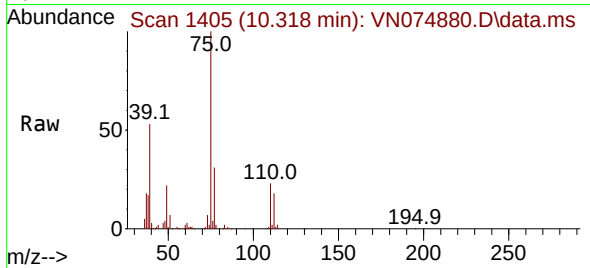
Tgt Ion: 75 Resp: 187021
Ion Ratio Lower Upper
75 100
77 31.0 25.8 38.8





#49
cis-1,3-Dichloropropene
Concen: 20.036 ug/l
RT: 10.318 min Scan# 1405
Delta R.T. 0.000 min
Lab File: VN074880.D
Acq: 12 Oct 2022 17:09

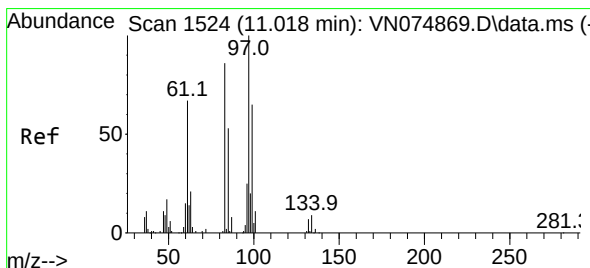
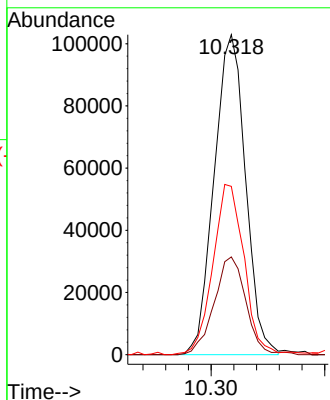
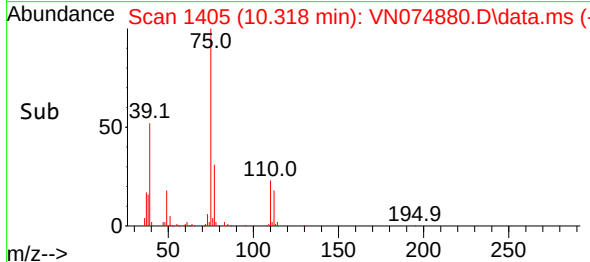
Instrument :
MSVOA_N
ClientSampleId :
VN1012WBS01



Tgt Ion: 75 Resp: 197238
Ion Ratio Lower Upper
75 100
77 30.6 22.5 33.7
39 52.2 37.6 56.4

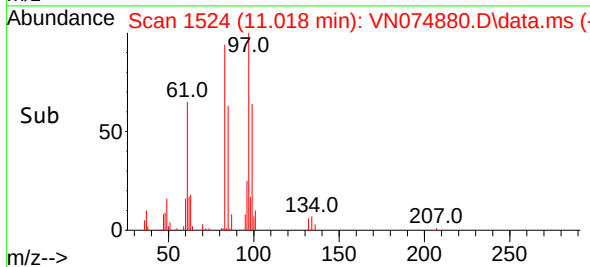
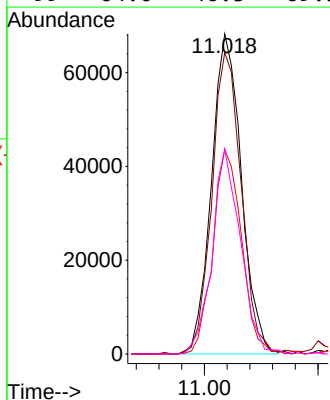
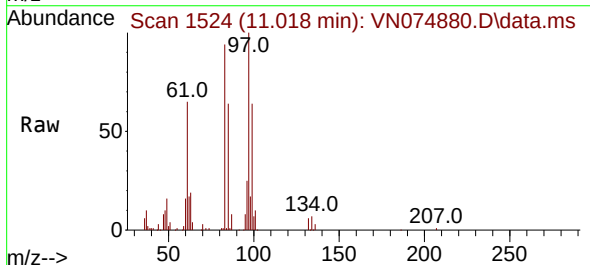
Manual Integrations
APPROVED

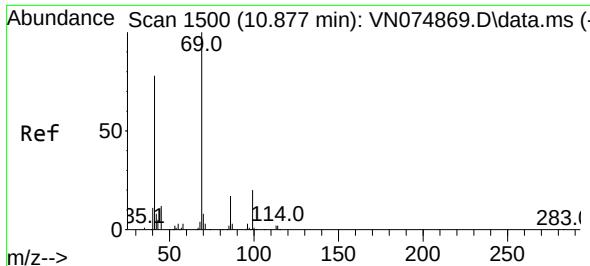
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/14/2022



#50
1,1,2-Trichloroethane
Concen: 20.387 ug/l
RT: 11.018 min Scan# 1524
Delta R.T. 0.000 min
Lab File: VN074880.D
Acq: 12 Oct 2022 17:09

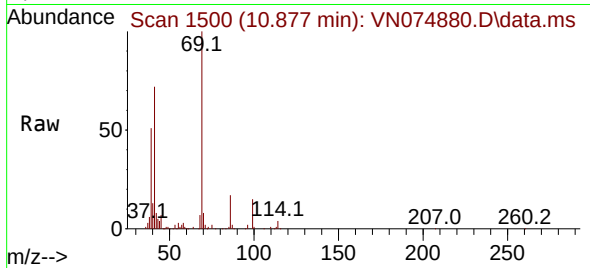
Tgt Ion: 97 Resp: 124645
Ion Ratio Lower Upper
97 100
83 94.2 69.2 103.8
85 63.9 41.4 62.2#
99 64.0 46.3 69.5





#51
Ethyl methacrylate
Concen: 19.513 ug/l
RT: 10.877 min Scan# 1500
Delta R.T. 0.000 min
Lab File: VN074880.D
Acq: 12 Oct 2022 17:09

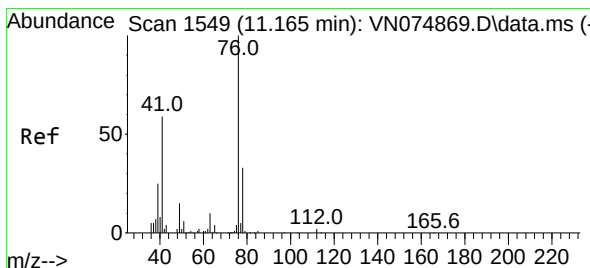
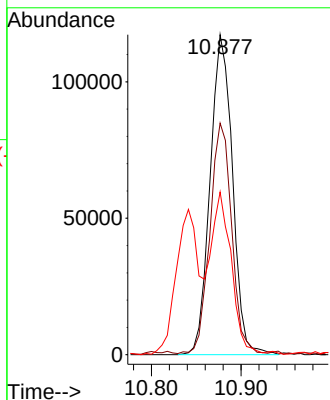
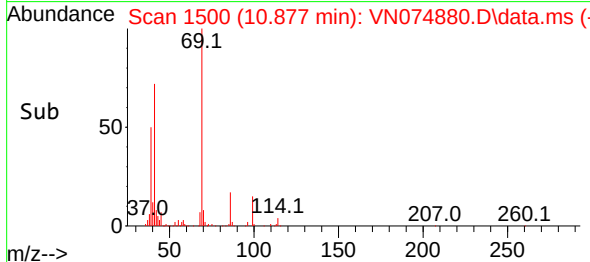
Instrument :
MSVOA_N
ClientSampleId :
VN1012WBS01



Tgt Ion: 69 Resp: 202870
Ion Ratio Lower Upper
69 100
41 72.0 32.5 97.5
39 50.4 21.5 64.5

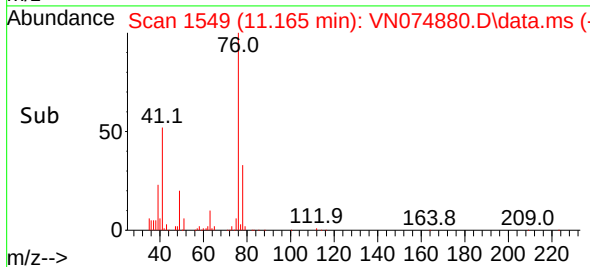
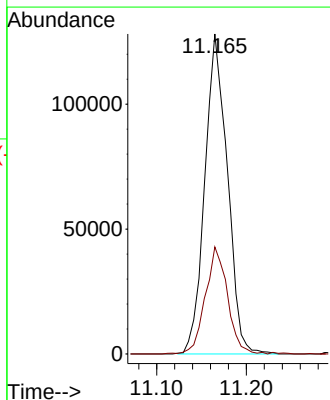
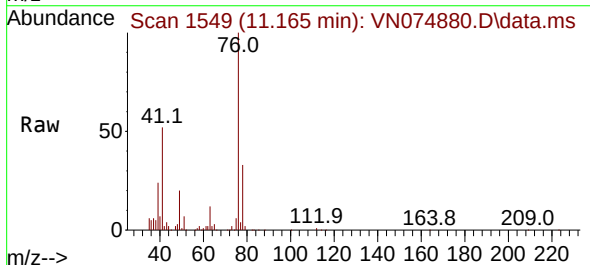
Manual Integrations
APPROVED

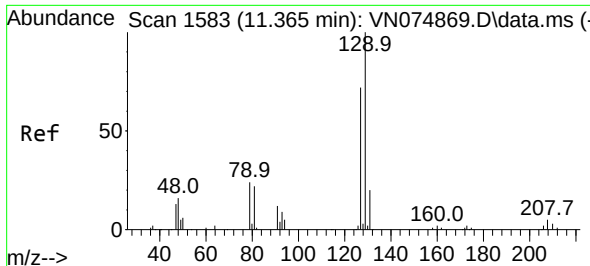
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/14/2022



#52
1,3-Dichloropropane
Concen: 21.214 ug/l
RT: 11.165 min Scan# 1549
Delta R.T. 0.000 min
Lab File: VN074880.D
Acq: 12 Oct 2022 17:09

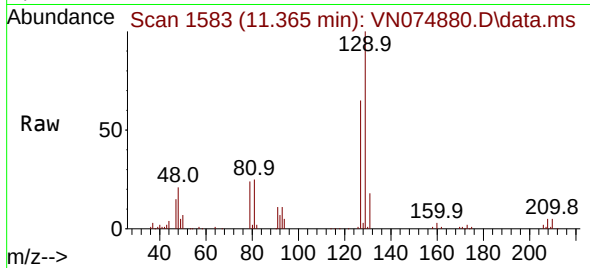
Tgt Ion: 76 Resp: 223868
Ion Ratio Lower Upper
76 100
78 32.6 0.0 63.8





#53
Dibromochloromethane
Concen: 20.202 ug/l
RT: 11.365 min Scan# 1583
Delta R.T. 0.000 min
Lab File: VN074880.D
Acq: 12 Oct 2022 17:09

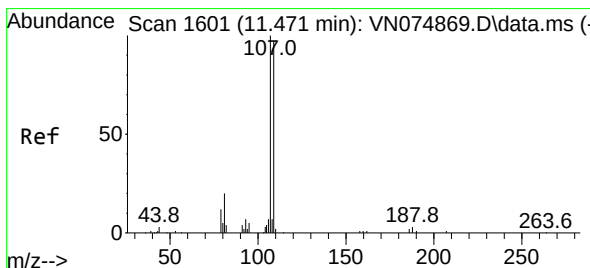
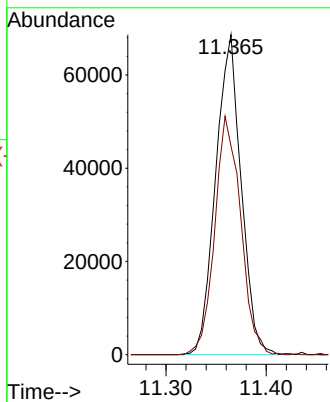
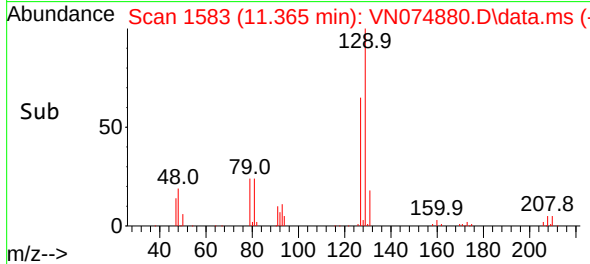
Instrument :
MSVOA_N
ClientSampleId :
VN1012WBS01



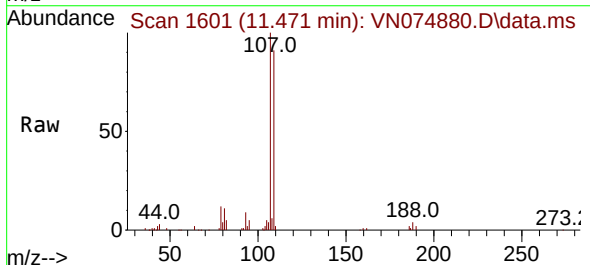
Tgt Ion:129 Resp: 12101
Ion Ratio Lower Upper
129 100
127 76.0 40.6 121.7

Manual Integrations
APPROVED

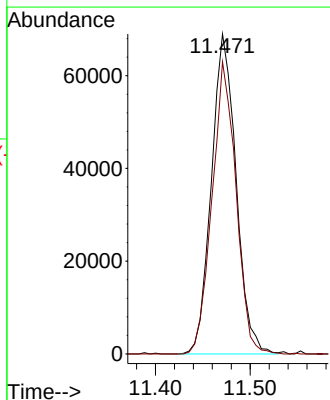
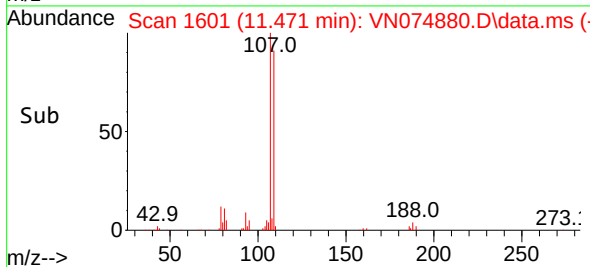
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/14/2022

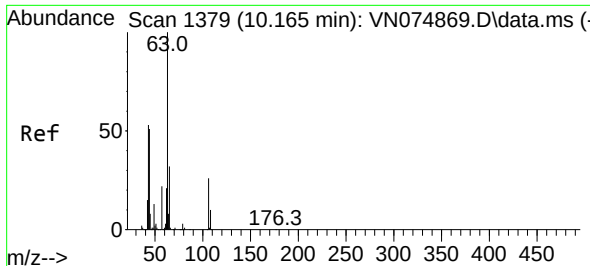


#54
1,2-Dibromoethane
Concen: 21.278 ug/l
RT: 11.471 min Scan# 1601
Delta R.T. 0.000 min
Lab File: VN074880.D
Acq: 12 Oct 2022 17:09



Tgt Ion:107 Resp: 124989
Ion Ratio Lower Upper
107 100
109 88.4 76.2 114.2





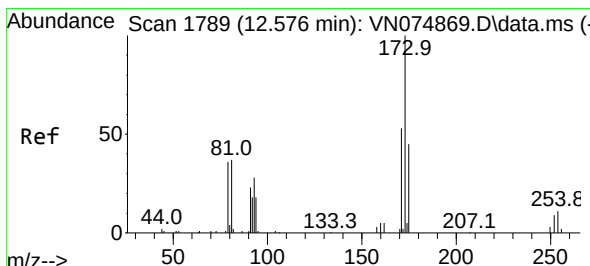
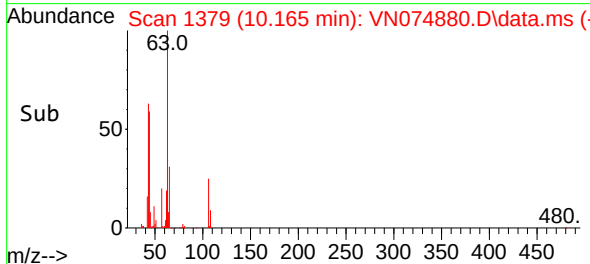
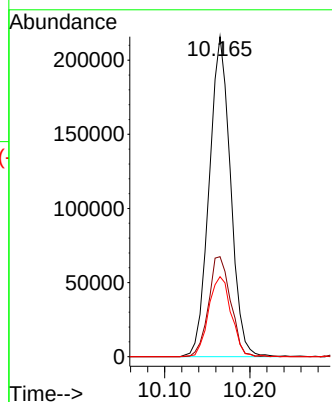
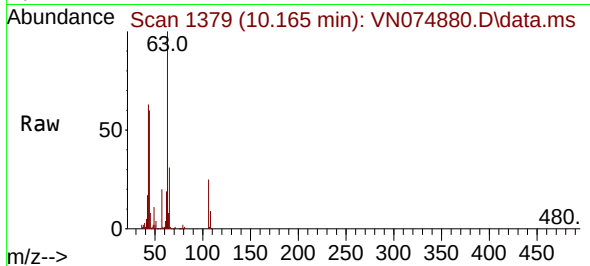
#55
2-Chloroethyl vinyl ether
Concen: 92.370 ug/l
RT: 10.165 min Scan# 1379
Delta R.T. 0.000 min
Lab File: VN074880.D
Acq: 12 Oct 2022 17:09

Instrument :
MSVOA_N
ClientSampleId :
VN1012WBS01

Tgt Ion: 63 Resp: 375640
Ion Ratio Lower Upper
63 100
65 32.3 24.6 36.8
106 26.0 21.3 31.9

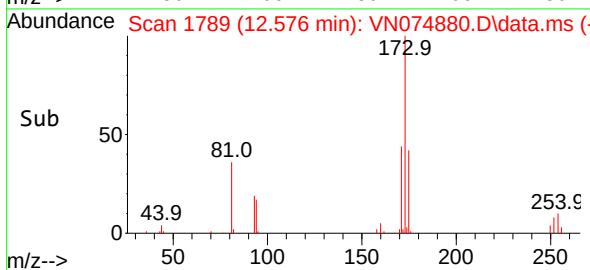
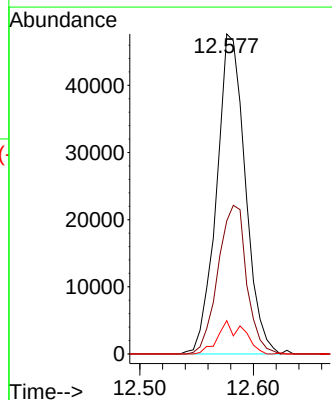
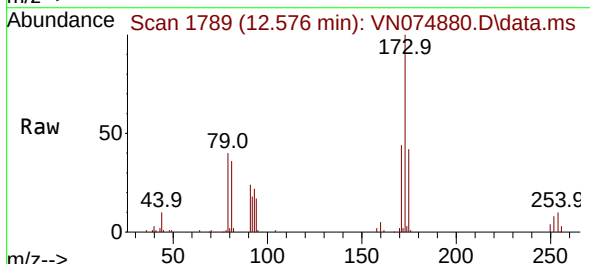
Manual Integrations
APPROVED

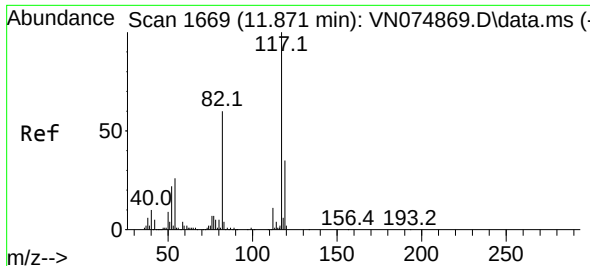
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/14/2022



#56
Bromoform
Concen: 19.379 ug/l
RT: 12.576 min Scan# 1789
Delta R.T. 0.000 min
Lab File: VN074880.D
Acq: 12 Oct 2022 17:09

Tgt Ion:173 Resp: 83647
Ion Ratio Lower Upper
173 100
175 0.0 39.1 58.7#
254 5.6 7.0 10.6#





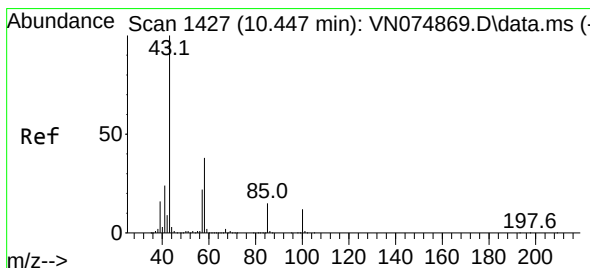
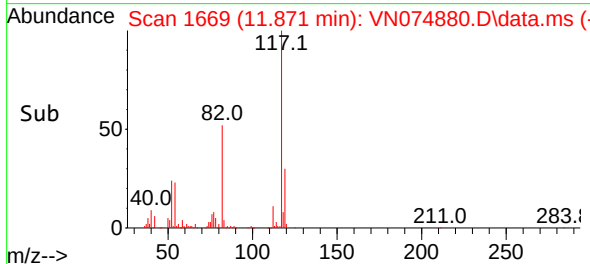
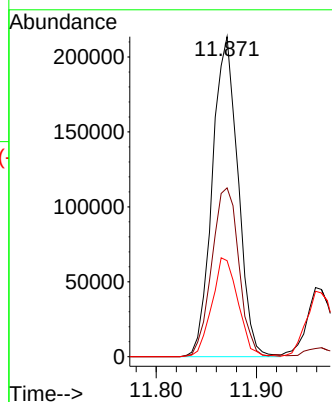
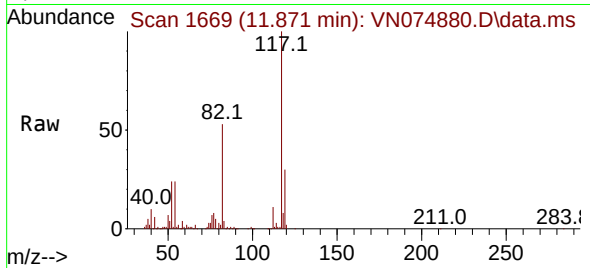
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.871 min Scan# 1669
Delta R.T. 0.000 min
Lab File: VN074880.D
Acq: 12 Oct 2022 17:09

Instrument :
MSVOA_N
ClientSampleId :
VN1012WBS01

Tgt Ion:117 Resp: 379898
Ion Ratio Lower Upper
117 100
82 55.7 44.6 67.0
119 31.4 25.6 38.4

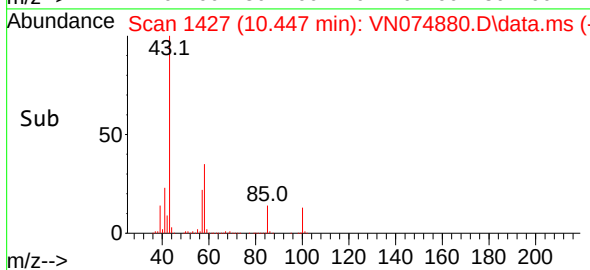
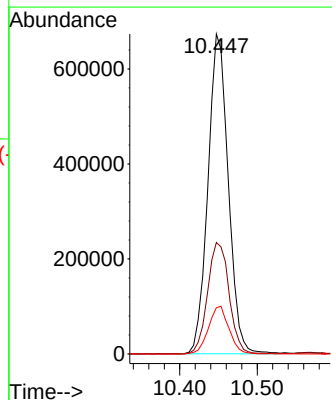
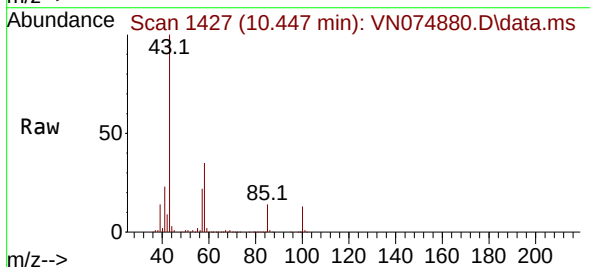
Manual Integrations
APPROVED

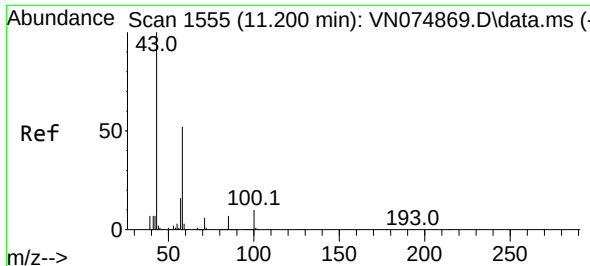
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/14/2022



#58
4-Methyl-2-Pentanone
Concen: 103.739 ug/l
RT: 10.447 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VN074880.D
Acq: 12 Oct 2022 17:09

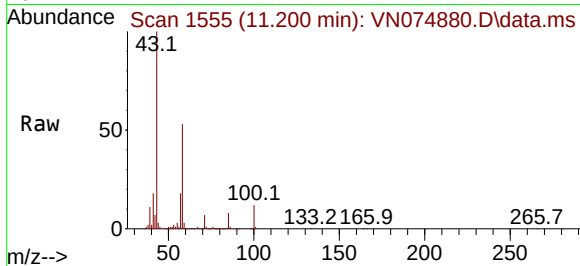
Tgt Ion: 43 Resp: 1225668
Ion Ratio Lower Upper
43 100
58 37.0 30.8 46.2
85 15.0 13.3 19.9





#59
2-Hexanone
Concen: 100.475 ug/l
RT: 11.200 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VN074880.D
Acq: 12 Oct 2022 17:09

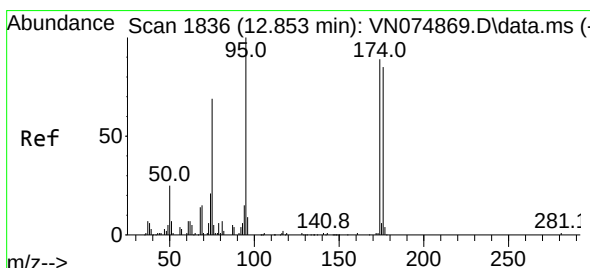
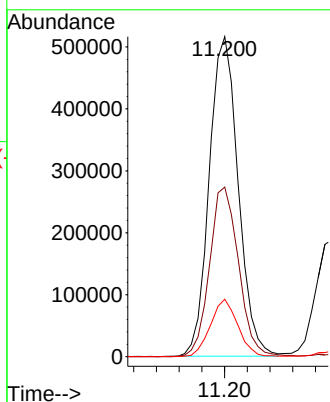
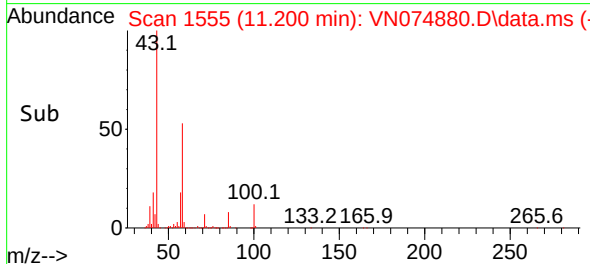
Instrument :
MSVOA_N
ClientSampleId :
VN1012WBS01



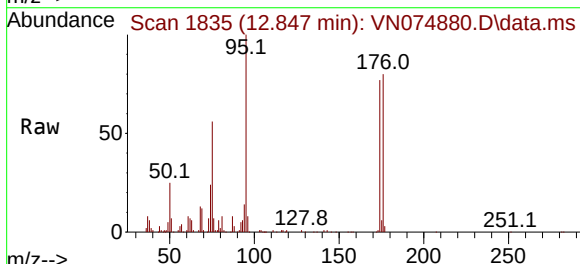
Tgt Ion: 43 Resp: 91359
Ion Ratio Lower Upper
43 100
58 53.3 43.6 65.4
57 17.1 14.3 21.5

Manual Integrations
APPROVED

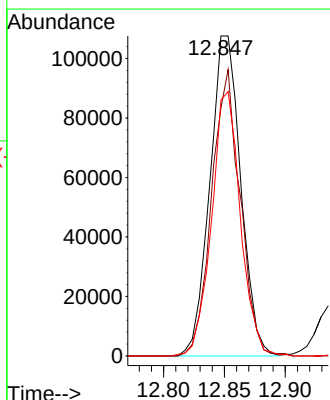
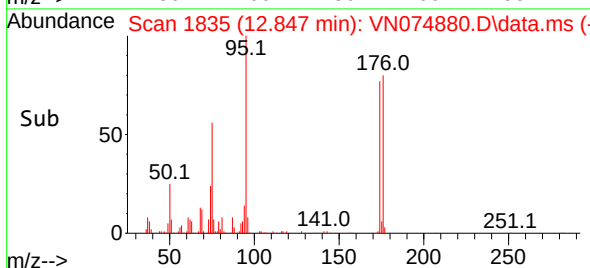
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/14/2022

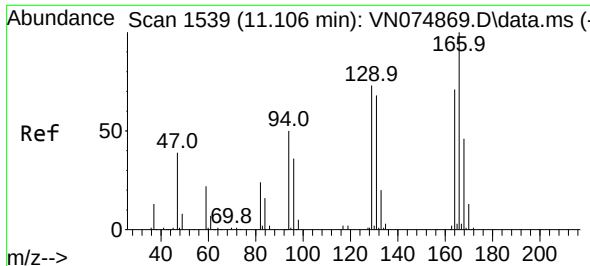


#60
4-Bromofluorobenzene
Concen: 28.169 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. -0.006 min
Lab File: VN074880.D
Acq: 12 Oct 2022 17:09



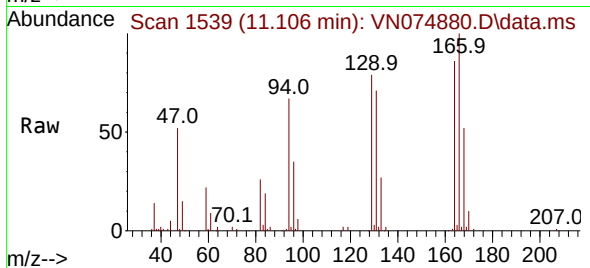
Tgt Ion: 95 Resp: 189775
Ion Ratio Lower Upper
95 100
174 82.4 57.8 86.8
176 77.2 57.0 85.4





#61
Tetrachloroethene
Concen: 20.225 ug/l
RT: 11.106 min Scan# 1539
Delta R.T. 0.000 min
Lab File: VN074880.D
Acq: 12 Oct 2022 17:09

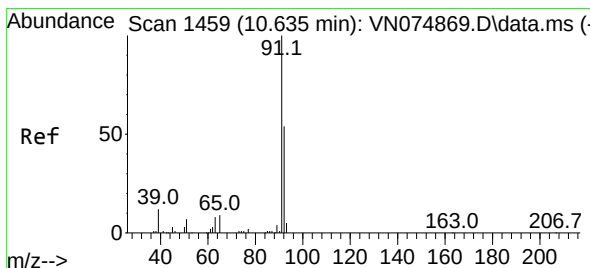
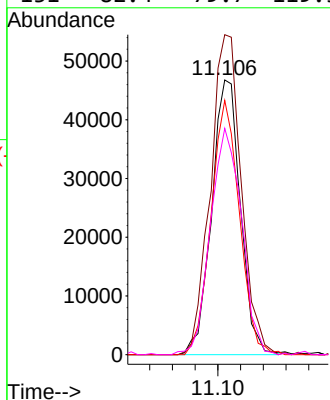
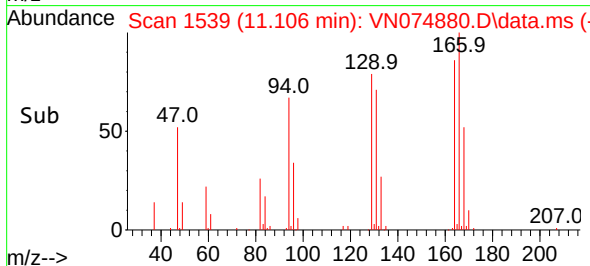
Instrument :
MSVOA_N
ClientSampleId :
VN1012WBS01



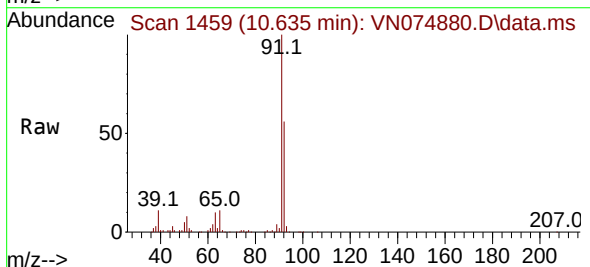
Tgt Ion:164 Resp: 8191
Ion Ratio Lower Upper
164 100
166 116.5 99.6 149.4
129 92.5 84.0 126.0
131 82.4 79.7 119.5

Manual Integrations
APPROVED

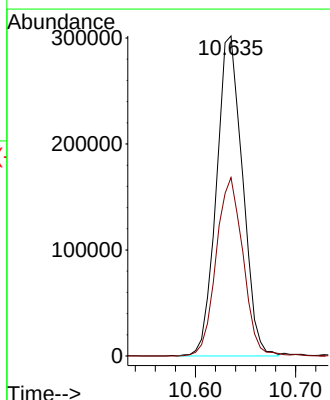
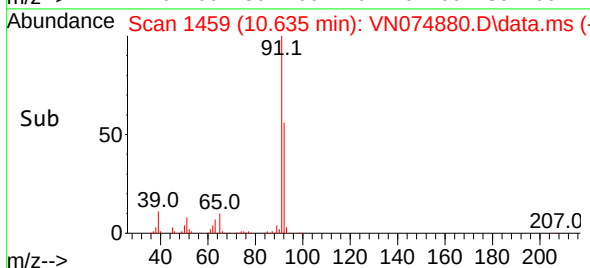
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/14/2022

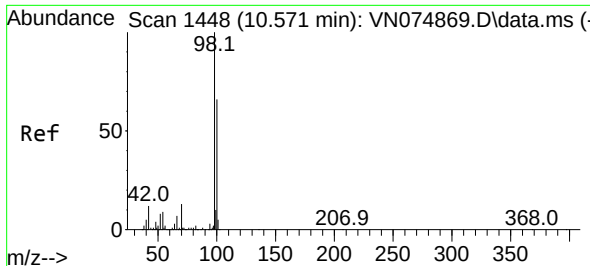


#62
Toluene
Concen: 20.834 ug/l
RT: 10.635 min Scan# 1459
Delta R.T. 0.000 min
Lab File: VN074880.D
Acq: 12 Oct 2022 17:09



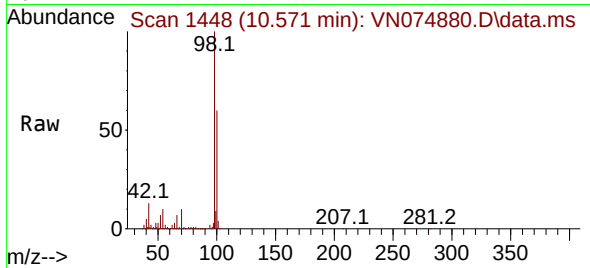
Tgt Ion: 91 Resp: 546815
Ion Ratio Lower Upper
91 100
92 57.2 46.0 69.0





#63
Toluene-d8
Concen: 31.053 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VN074880.D
Acq: 12 Oct 2022 17:09

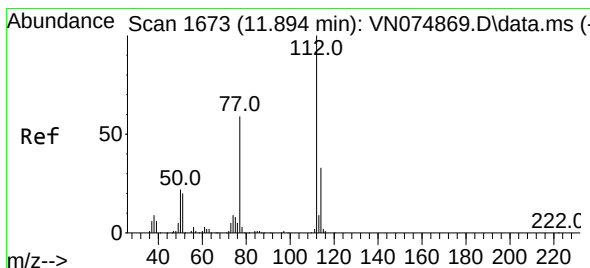
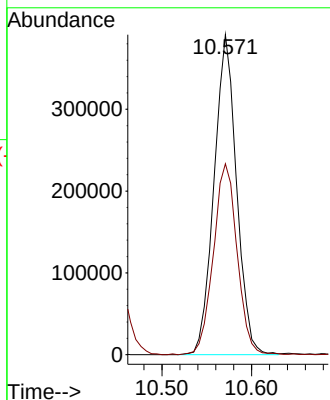
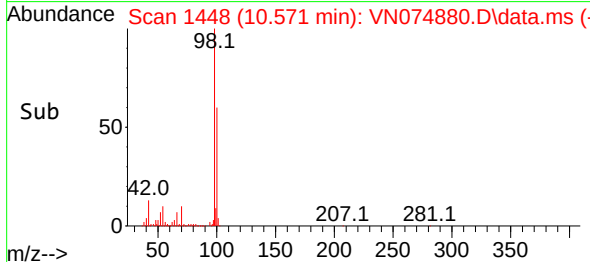
Instrument :
MSVOA_N
ClientSampleId :
VN1012WBS01



Tgt Ion: 98 Resp: 68085
Ion Ratio Lower Upper
98 100
100 62.8 52.7 79.1

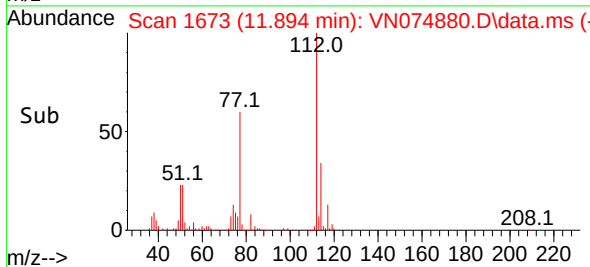
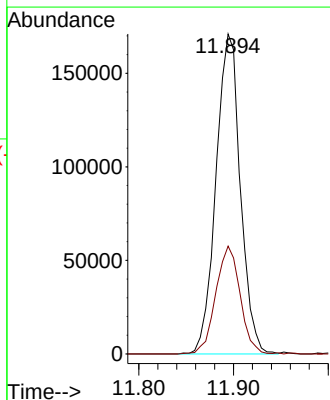
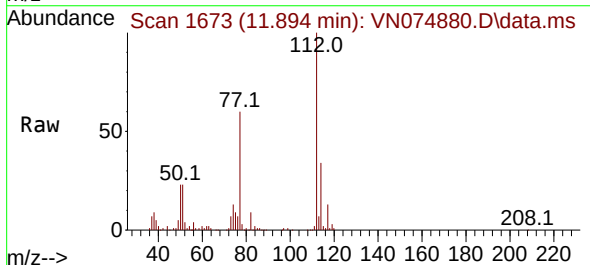
Manual Integrations
APPROVED

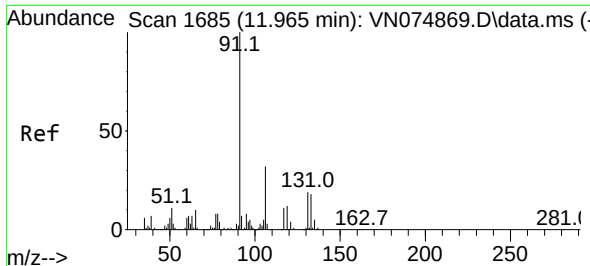
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/14/2022



#64
Chlorobenzene
Concen: 20.492 ug/l
RT: 11.894 min Scan# 1673
Delta R.T. 0.000 min
Lab File: VN074880.D
Acq: 12 Oct 2022 17:09

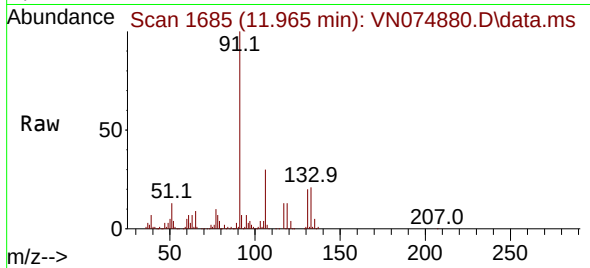
Tgt Ion:112 Resp: 305713
Ion Ratio Lower Upper
112 100
114 33.7 24.7 37.1





#65
1,1,1,2-Tetrachloroethane
Concen: 20.144 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN074880.D
Acq: 12 Oct 2022 17:09

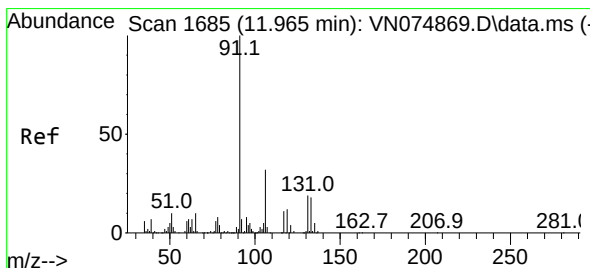
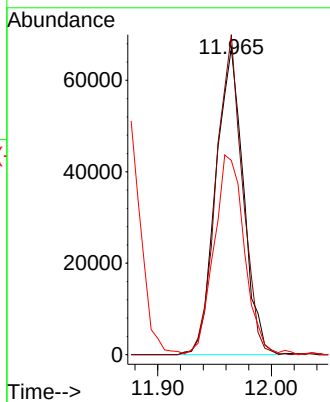
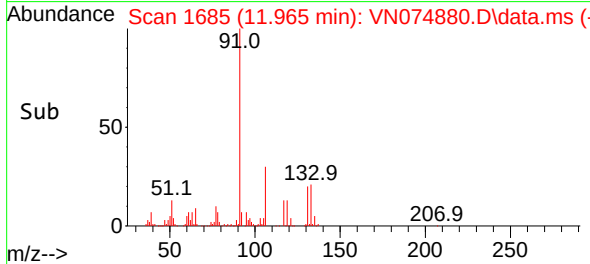
Instrument :
MSVOA_N
ClientSampleId :
VN1012WBS01



Tgt Ion:131 Resp: 113190
Ion Ratio Lower Upper
131 100
133 99.1 0.0 191.8
119 71.5 0.0 135.8

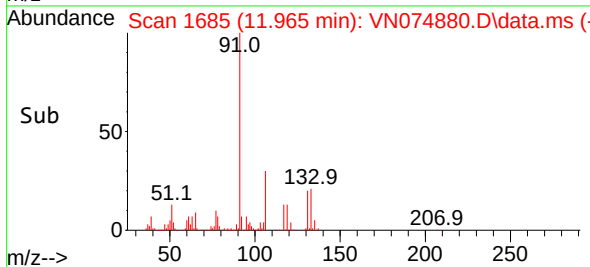
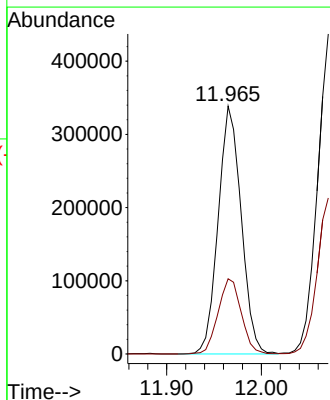
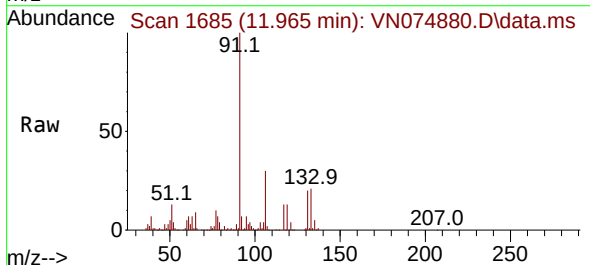
Manual Integrations
APPROVED

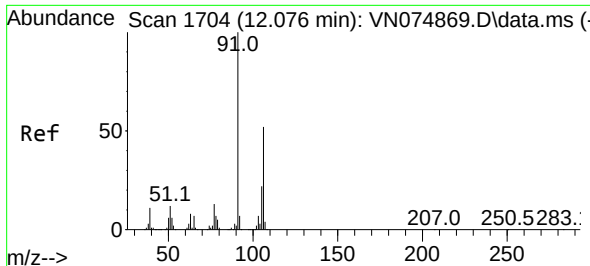
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/14/2022



#66
Ethyl Benzene
Concen: 20.039 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN074880.D
Acq: 12 Oct 2022 17:09

Tgt Ion: 91 Resp: 571931
Ion Ratio Lower Upper
91 100
106 30.3 24.1 36.1





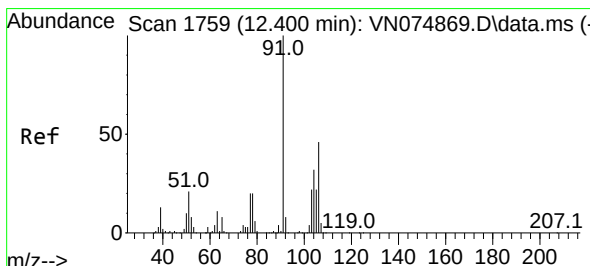
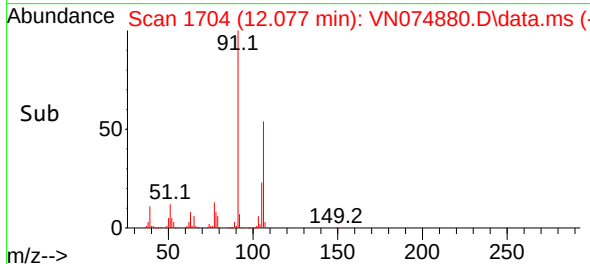
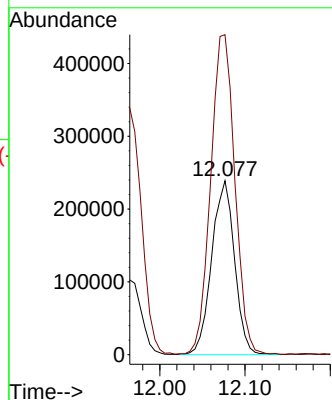
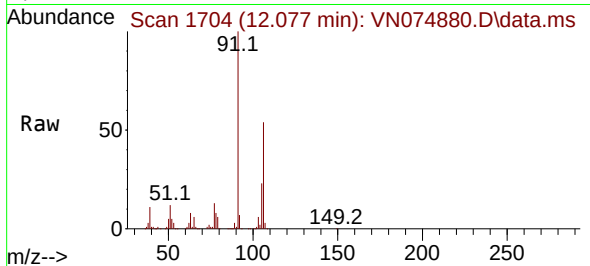
#67
m/p-Xylenes
Concen: 41.528 ug/l
RT: 12.077 min Scan# 1704
Delta R.T. 0.000 min
Lab File: VN074880.D
Acq: 12 Oct 2022 17:09

Instrument :
MSVOA_N
ClientSampleId :
VN1012WBS01

Tgt Ion:106 Resp: 44526
Ion Ratio Lower Upper
106 100
91 194.9 164.2 246.4

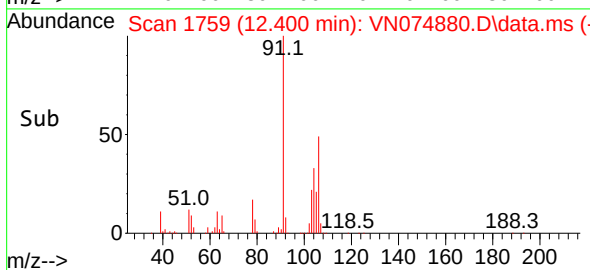
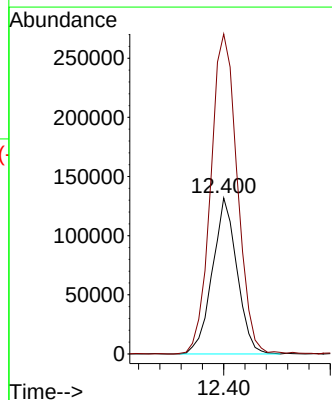
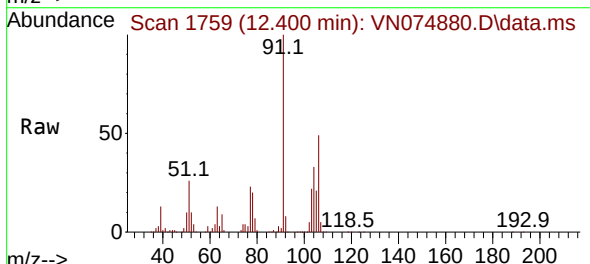
Manual Integrations
APPROVED

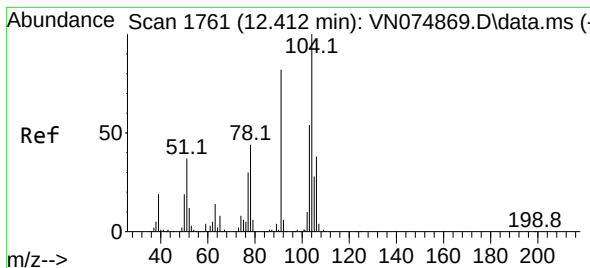
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/14/2022



#68
o-Xylene
Concen: 19.390 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. 0.000 min
Lab File: VN074880.D
Acq: 12 Oct 2022 17:09

Tgt Ion:106 Resp: 211323
Ion Ratio Lower Upper
106 100
91 220.8 108.5 325.5





#69

Styrene

Concen: 19.047 ug/l

RT: 12.412 min Scan# 1761

Delta R.T. 0.000 min

Lab File: VN074880.D

Acq: 12 Oct 2022 17:09

Instrument :

MSVOA_N

ClientSampleId :

VN1012WBS01

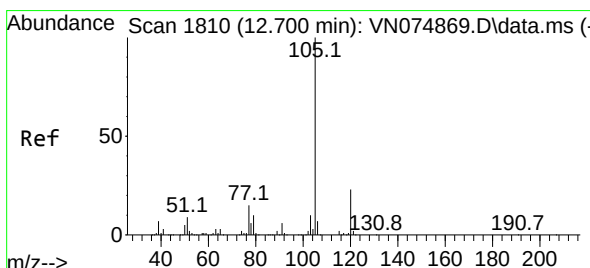
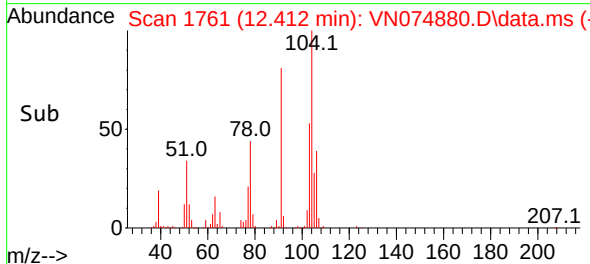
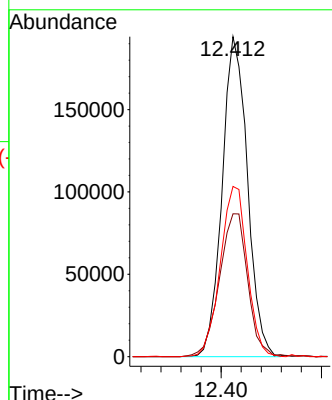
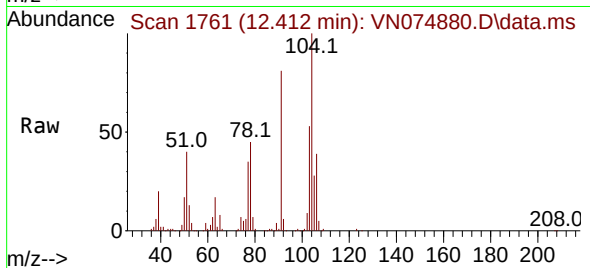
Tgt Ion:	104	Resp:	339750
Ion Ratio	Lower	Upper	
104	100		
78	49.7	39.9	59.9
103	56.5	43.8	65.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/13/2022

Supervised By :Mahesh Dadoda 10/14/2022



#70

Isopropylbenzene

Concen: 19.840 ug/l

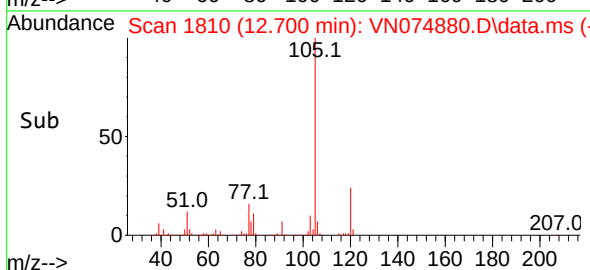
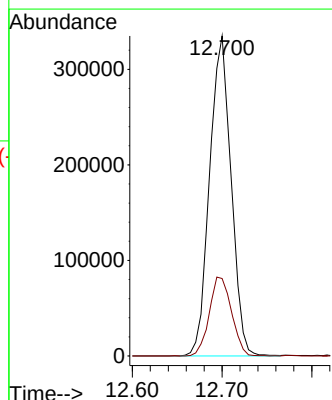
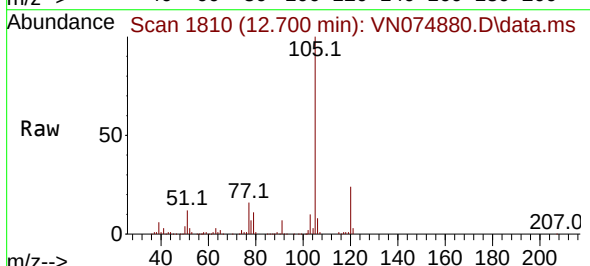
RT: 12.700 min Scan# 1810

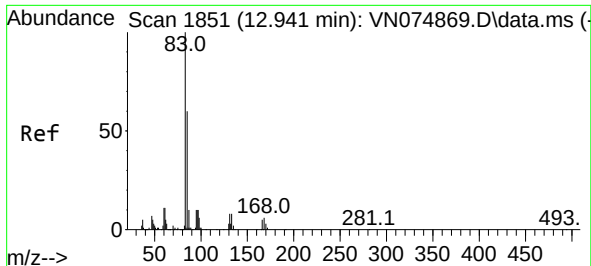
Delta R.T. 0.000 min

Lab File: VN074880.D

Acq: 12 Oct 2022 17:09

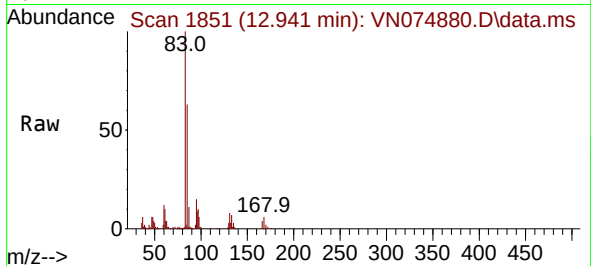
Tgt Ion:	105	Resp:	557671
Ion Ratio	Lower	Upper	
105	100		
120	25.4	18.5	34.3





#71
1,1,2,2-Tetrachloroethane
Concen: 20.853 ug/l
RT: 12.941 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VN074880.D
Acq: 12 Oct 2022 17:09

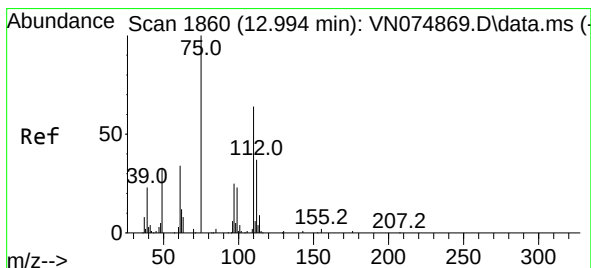
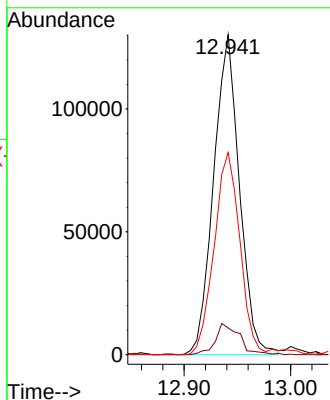
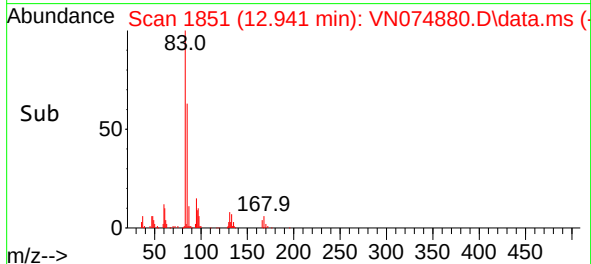
Instrument :
MSVOA_N
ClientSampleId :
VN1012WBS01



Tgt Ion: 83 Resp: 219260
Ion Ratio Lower Upper
83 100
131 8.7 4.5 13.5
85 62.8 30.9 92.7

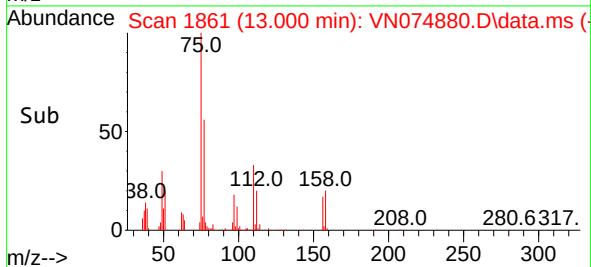
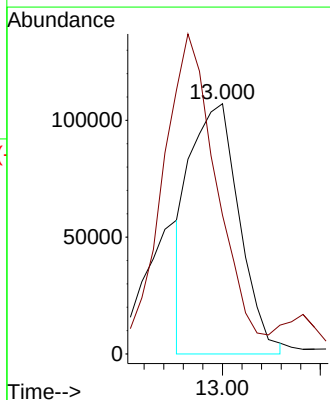
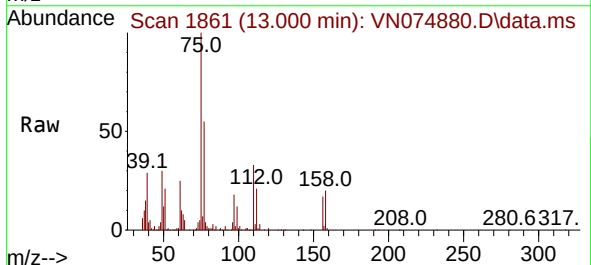
Manual Integrations
APPROVED

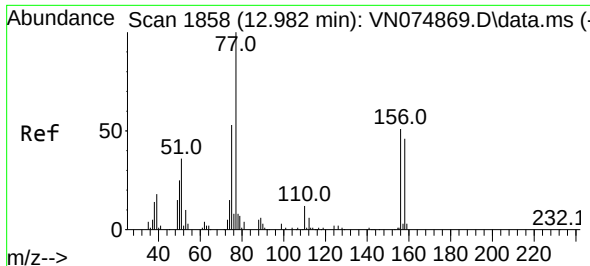
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/14/2022



#72
1,2,3-Trichloropropane
Concen: 21.319 ug/l m
RT: 13.000 min Scan# 1861
Delta R.T. 0.006 min
Lab File: VN074880.D
Acq: 12 Oct 2022 17:09

Tgt Ion: 75 Resp: 188319
Ion Ratio Lower Upper
75 100
77 142.5 0.0 372.4





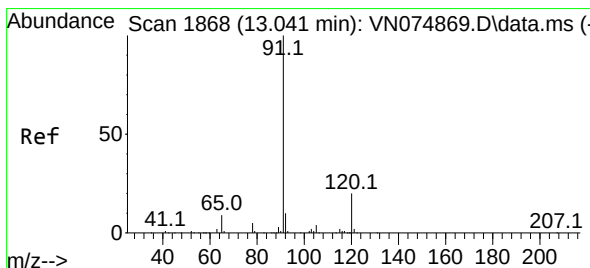
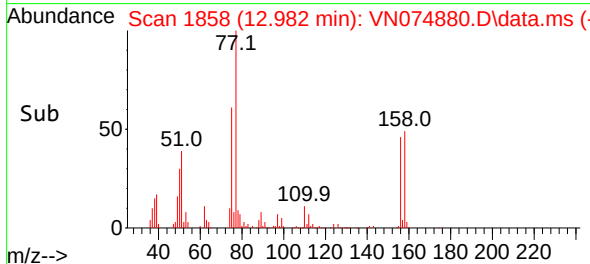
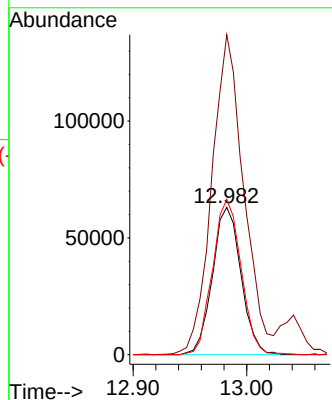
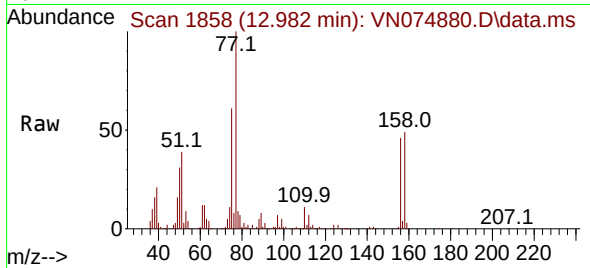
#73
Bromobenzene
Concen: 18.663 ug/l
RT: 12.982 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN074880.D
Acq: 12 Oct 2022 17:09

Instrument :
MSVOA_N
ClientSampleId :
VN1012WBS01

Tgt Ion:156 Resp: 10993
Ion Ratio Lower Upper
156 100
77 244.1 0.0 491.8
158 105.3 0.0 185.0

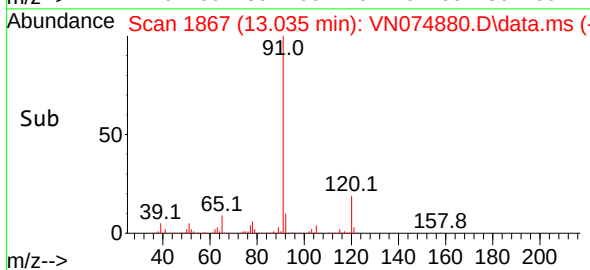
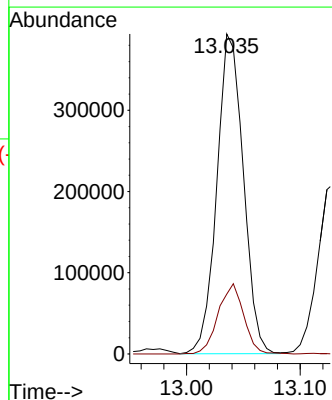
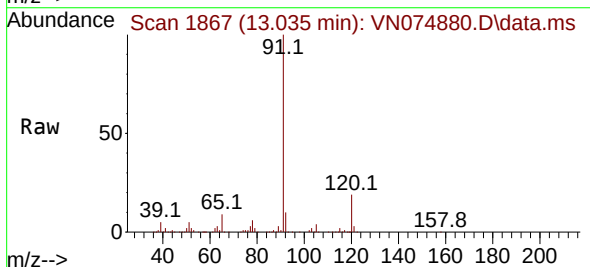
Manual Integrations
APPROVED

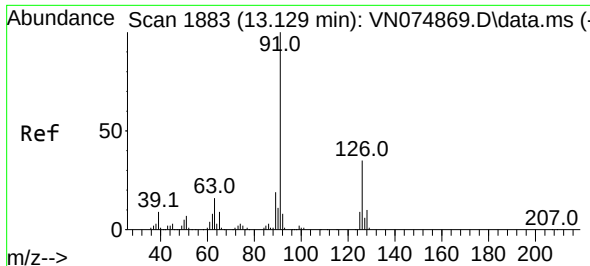
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/14/2022



#74
n-propylbenzene
Concen: 19.485 ug/l
RT: 13.035 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VN074880.D
Acq: 12 Oct 2022 17:09

Tgt Ion: 91 Resp: 638566
Ion Ratio Lower Upper
91 100
120 21.2 0.0 44.6





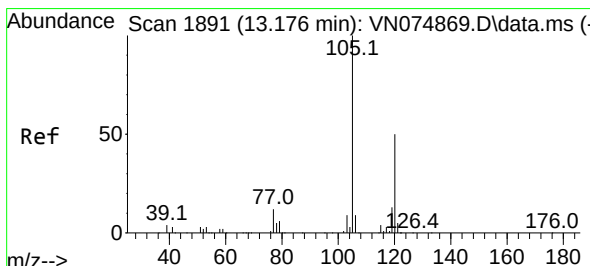
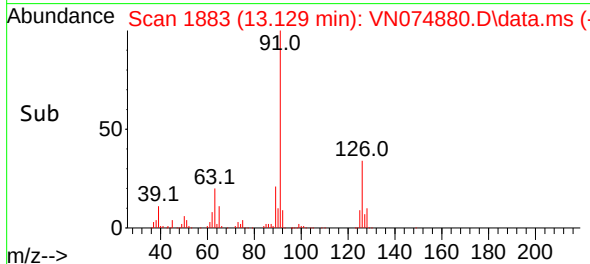
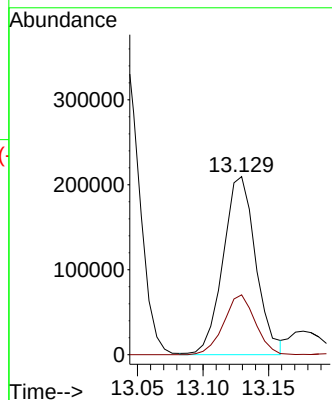
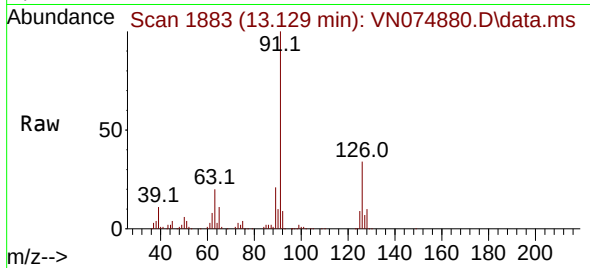
#75
2-Chlorotoluene
Concen: 19.007 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN074880.D
Acq: 12 Oct 2022 17:09

Instrument :
MSVOA_N
ClientSampleId :
VN1012WBS01

Tgt Ion: 91 Resp: 364400
Ion Ratio Lower Upper
91 100
126 32.2 0.0 66.2

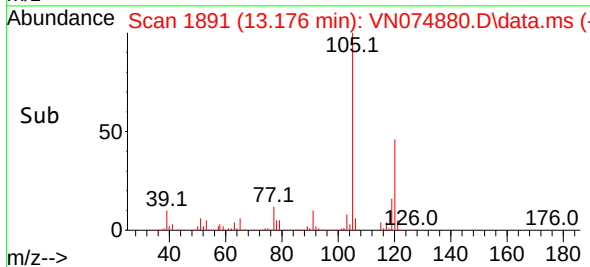
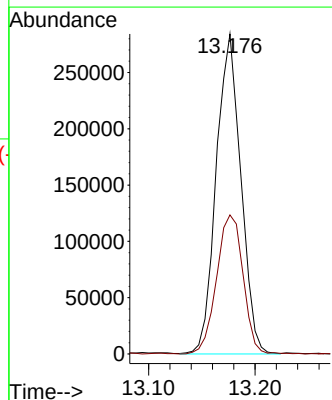
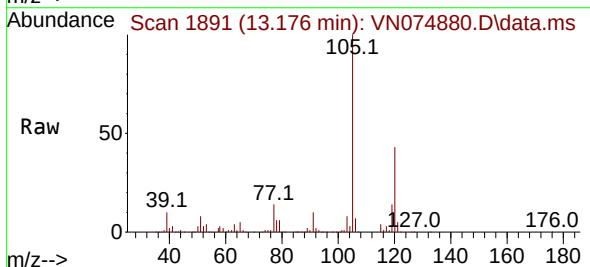
Manual Integrations
APPROVED

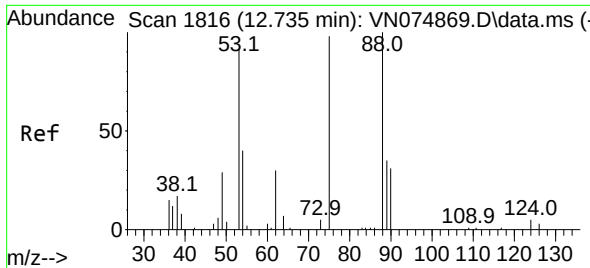
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/14/2022



#76
1,3,5-Trimethylbenzene
Concen: 19.979 ug/l
RT: 13.176 min Scan# 1891
Delta R.T. 0.000 min
Lab File: VN074880.D
Acq: 12 Oct 2022 17:09

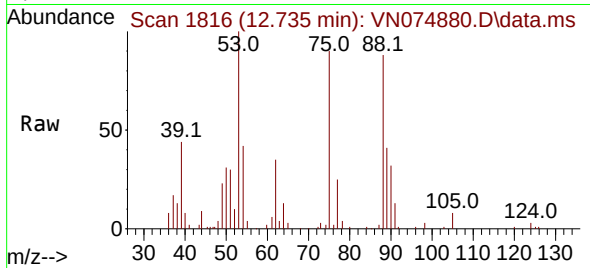
Tgt Ion:105 Resp: 456352
Ion Ratio Lower Upper
105 100
120 46.5 0.0 97.4





#77
t-1,4-Dichloro-2-butene
Concen: 17.125 ug/l
RT: 12.735 min Scan# 1816
Delta R.T. 0.000 min
Lab File: VN074880.D
Acq: 12 Oct 2022 17:09

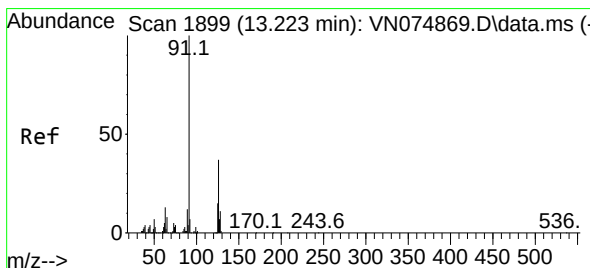
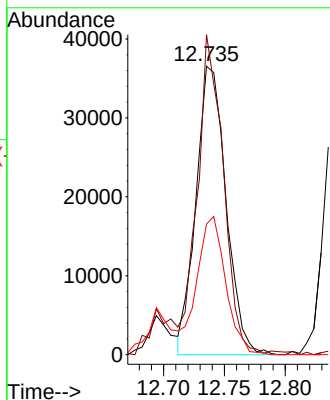
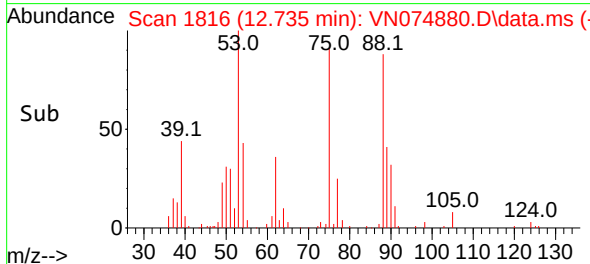
Instrument :
MSVOA_N
ClientSampleId :
VN1012WBS01



Tgt Ion: 75 Resp: 62850
Ion Ratio Lower Upper
75 100
53 109.9 43.3 129.9
89 45.2 21.1 63.1

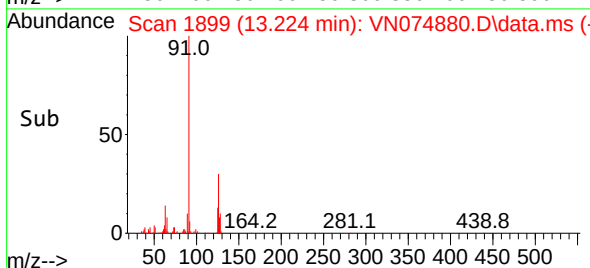
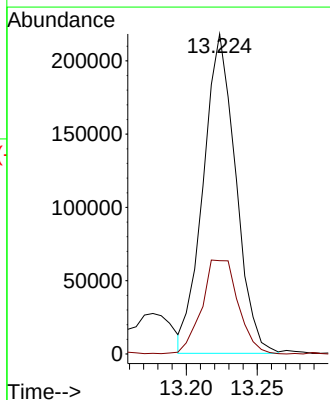
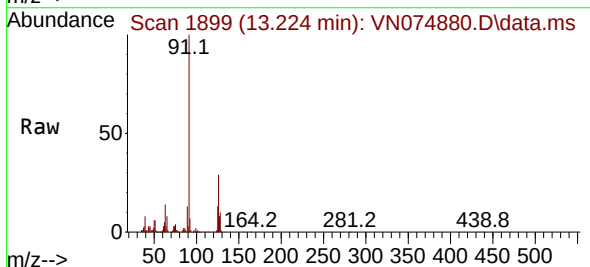
Manual Integrations
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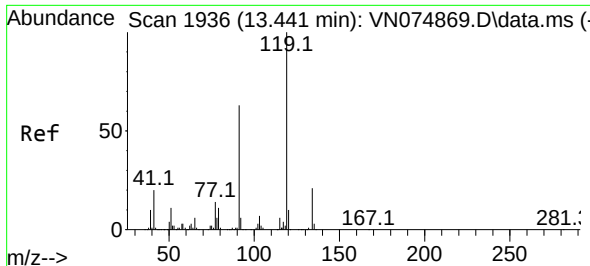
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/14/2022



#78
4-Chlorotoluene
Concen: 18.974 ug/l
RT: 13.224 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VN074880.D
Acq: 12 Oct 2022 17:09

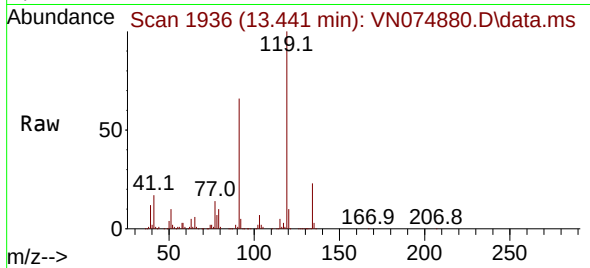
Tgt Ion: 91 Resp: 347145
Ion Ratio Lower Upper
91 100
126 32.9 0.0 67.8





#79
tert-butylbenzene
Concen: 19.598 ug/l
RT: 13.441 min Scan# 1936
Delta R.T. 0.000 min
Lab File: VN074880.D
Acq: 12 Oct 2022 17:09

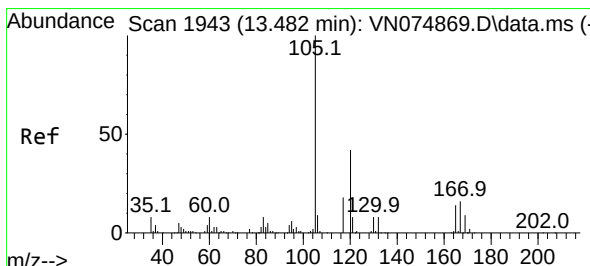
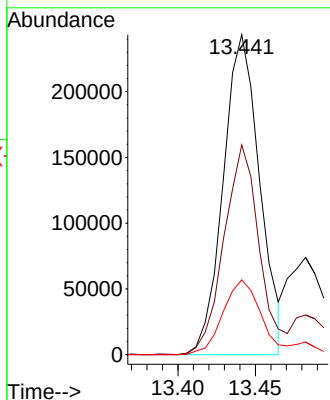
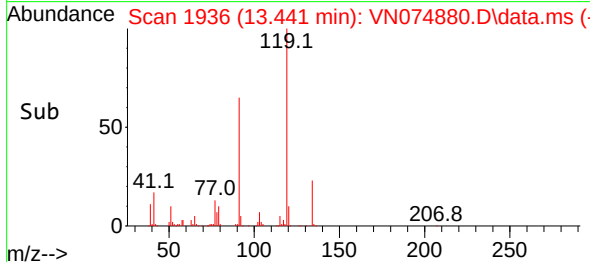
Instrument :
MSVOA_N
ClientSampleId :
VN1012WBS01



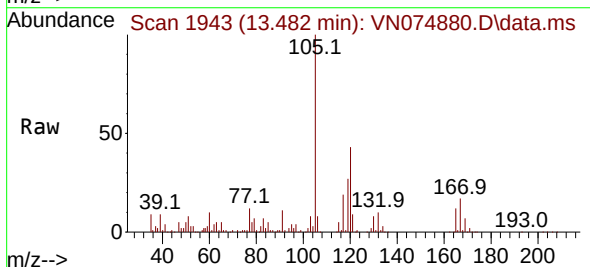
Tgt Ion:119 Resp: 398209
Ion Ratio Lower Upper
119 100
91 63.7 0.0 129.0
134 24.3 0.0 52.2

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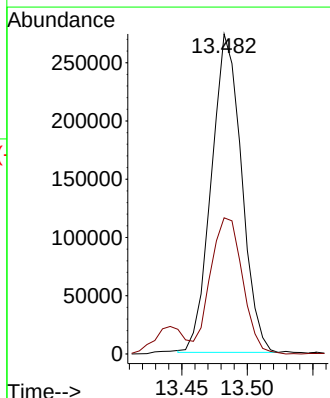
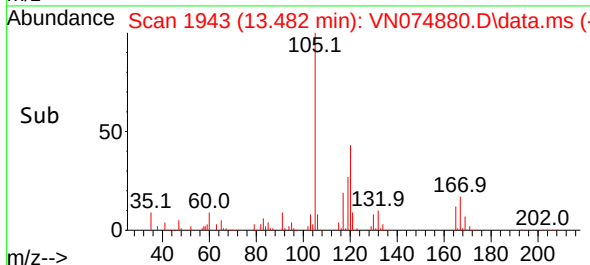
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/14/2022

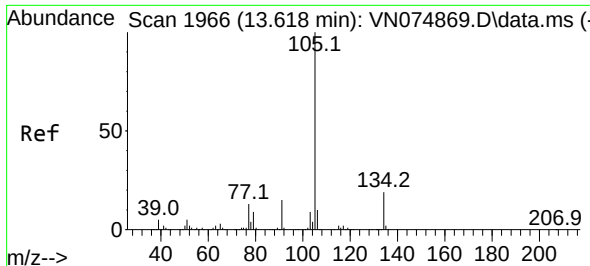


#80
1,2,4-Trimethylbenzene
Concen: 19.018 ug/l
RT: 13.482 min Scan# 1943
Delta R.T. 0.000 min
Lab File: VN074880.D
Acq: 12 Oct 2022 17:09



Tgt Ion:105 Resp: 437101
Ion Ratio Lower Upper
105 100
120 45.3 0.0 93.2





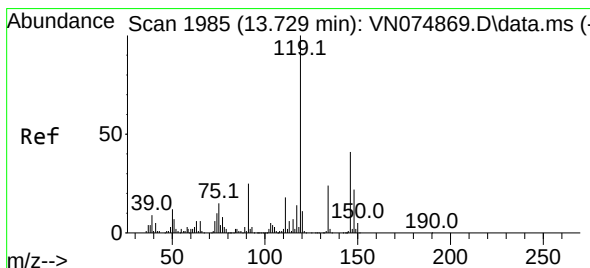
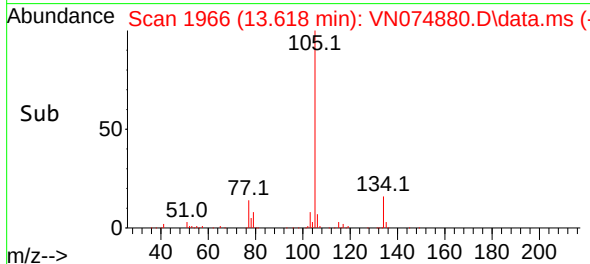
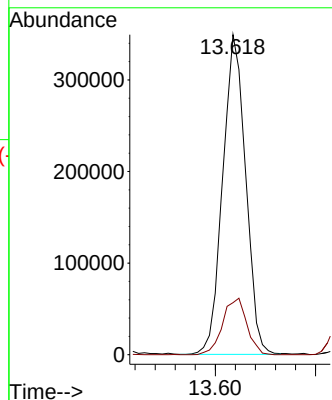
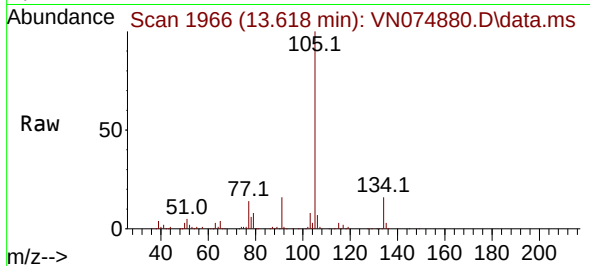
#81
 sec-Butylbenzene
 Concen: 19.013 ug/l
 RT: 13.618 min Scan# 1966
 Delta R.T. 0.000 min
 Lab File: VN074880.D
 Acq: 12 Oct 2022 17:09

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1012WBS01

Tgt Ion:105 Resp: 555209
 Ion Ratio Lower Upper
 105 100
 134 18.6 0.0 38.8

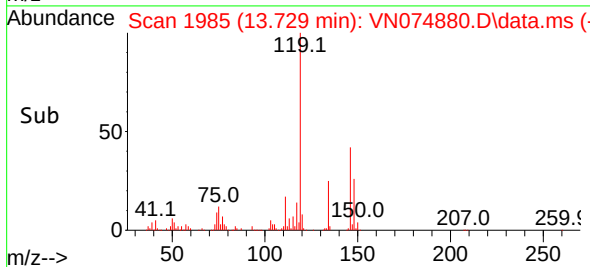
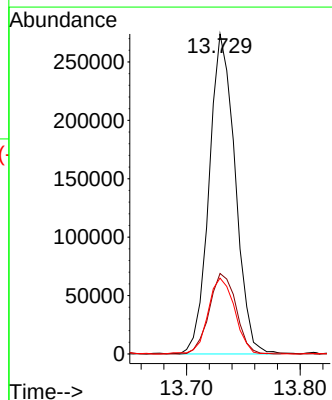
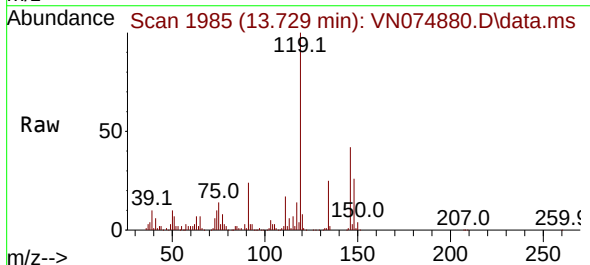
Manual Integrations
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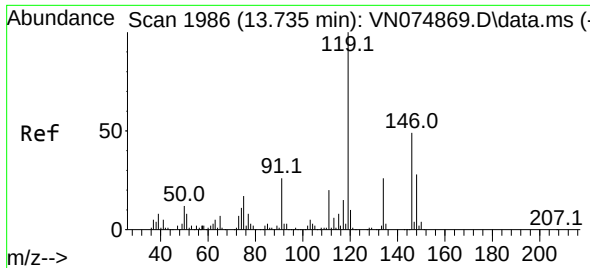
Reviewed By :John Carlone 10/13/2022
 Supervised By :Mahesh Dadoda 10/14/2022



#82
 p-Isopropyltoluene
 Concen: 18.791 ug/l
 RT: 13.729 min Scan# 1985
 Delta R.T. 0.000 min
 Lab File: VN074880.D
 Acq: 12 Oct 2022 17:09

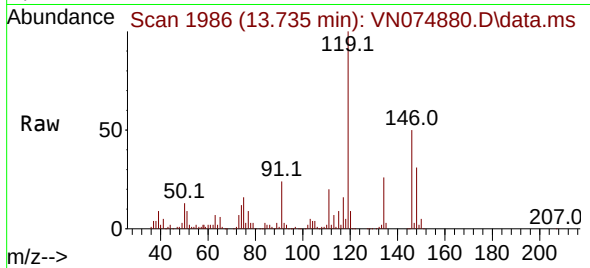
Tgt Ion:119 Resp: 436007
 Ion Ratio Lower Upper
 119 100
 134 25.9 0.0 51.4
 91 23.7 0.0 46.8





#83
1,3-Dichlorobenzene
Concen: 18.700 ug/l
RT: 13.735 min Scan# 1986
Delta R.T. 0.000 min
Lab File: VN074880.D
Acq: 12 Oct 2022 17:09

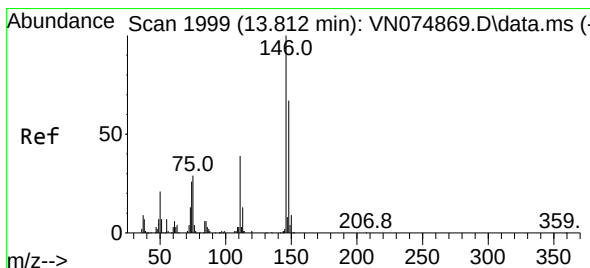
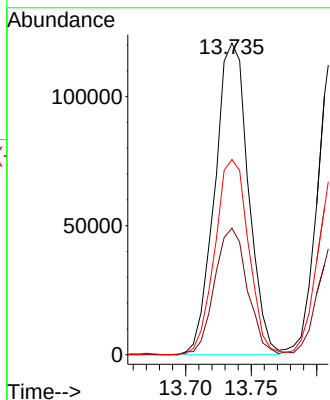
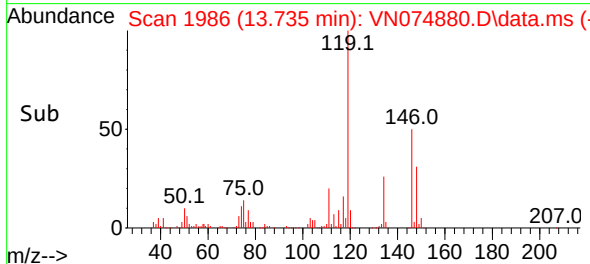
Instrument :
MSVOA_N
ClientSampleId :
VN1012WBS01



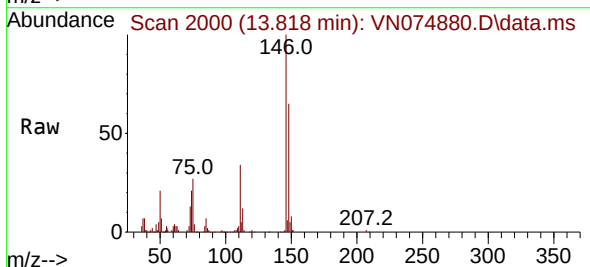
Tgt Ion:146 Resp: 214920
Ion Ratio Lower Upper
146 100
111 39.7 20.5 61.5
148 62.9 31.0 93.0

Manual Integrations
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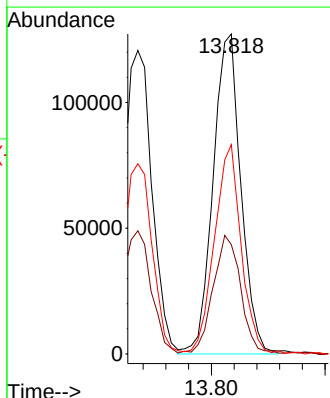
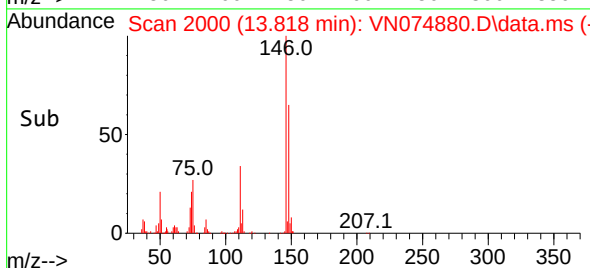
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/14/2022

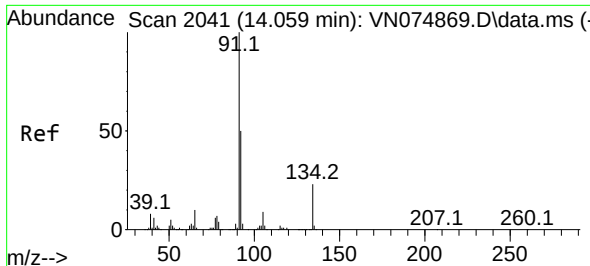


#84
1,4-Dichlorobenzene
Concen: 19.588 ug/l
RT: 13.818 min Scan# 2000
Delta R.T. 0.006 min
Lab File: VN074880.D
Acq: 12 Oct 2022 17:09



Tgt Ion:146 Resp: 216249
Ion Ratio Lower Upper
146 100
111 37.0 19.1 57.5
148 62.7 31.7 95.1





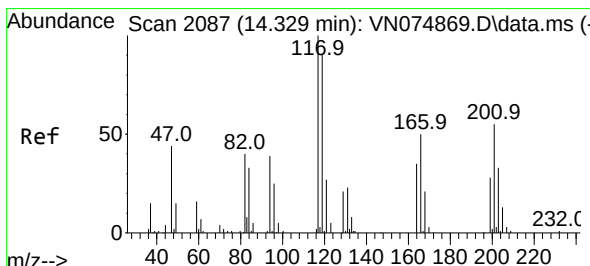
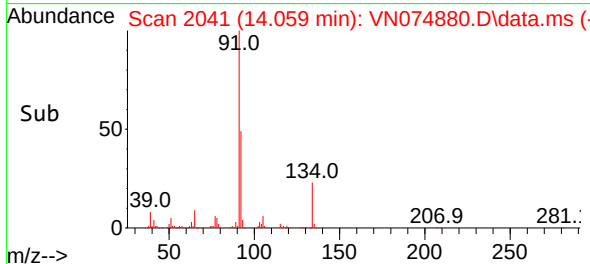
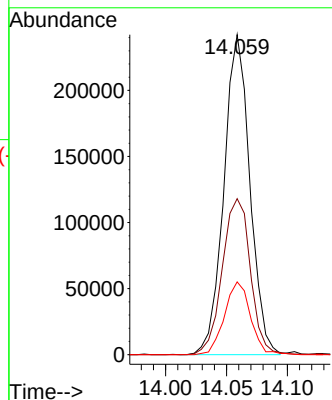
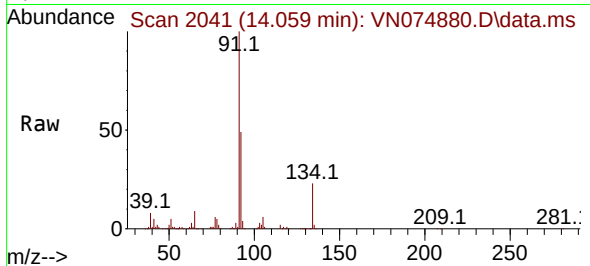
#85
n-Butylbenzene
Concen: 17.559 ug/l
RT: 14.059 min Scan# 2041
Delta R.T. 0.000 min
Lab File: VN074880.D
Acq: 12 Oct 2022 17:09

Instrument :
MSVOA_N
ClientSampleId :
VN1012WBS01

Tgt Ion: 91 Resp: 35961
Ion Ratio Lower Upper
91 100
92 52.7 0.0 105.4
134 22.3 0.0 46.4

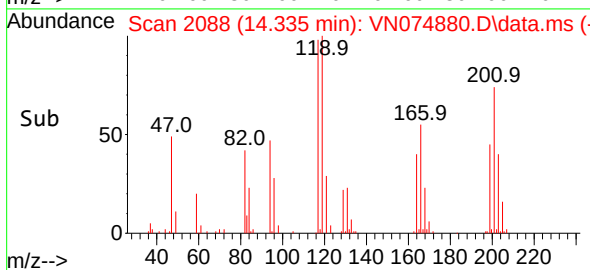
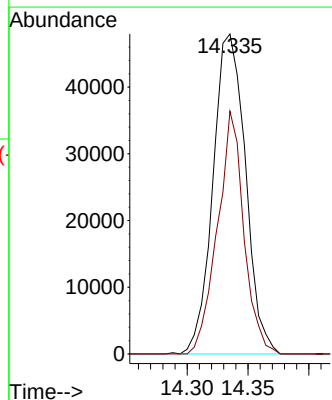
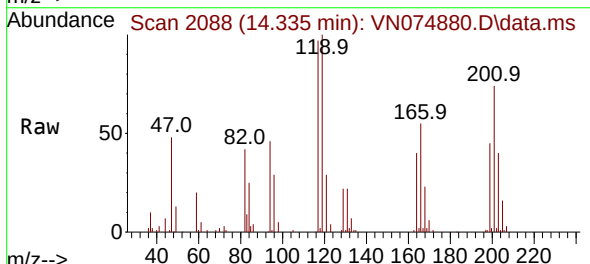
Manual Integrations
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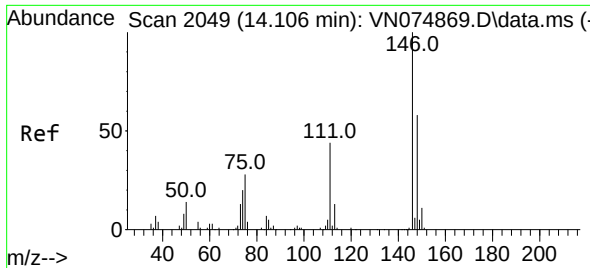
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/14/2022



#86
Hexachloroethane
Concen: 19.595 ug/l
RT: 14.335 min Scan# 2088
Delta R.T. 0.006 min
Lab File: VN074880.D
Acq: 12 Oct 2022 17:09

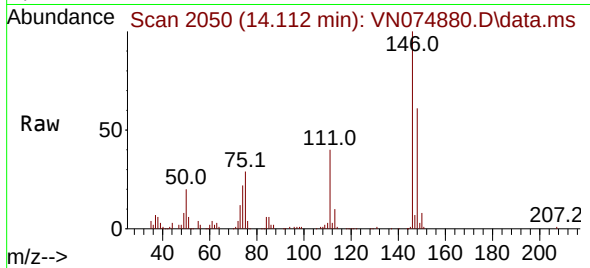
Tgt Ion:117 Resp: 89042
Ion Ratio Lower Upper
117 100
201 61.7 29.4 88.3





#87
1,2-Dichlorobenzene
Concen: 19.394 ug/l
RT: 14.112 min Scan# 2049
Delta R.T. 0.006 min
Lab File: VN074880.D
Acq: 12 Oct 2022 17:09

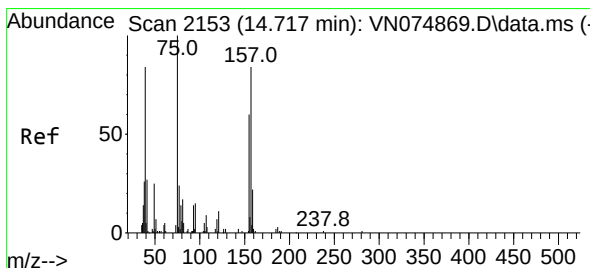
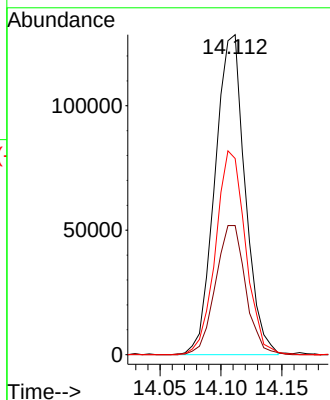
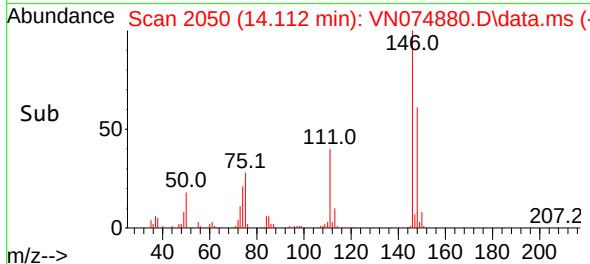
Instrument :
MSVOA_N
ClientSampleId :
VN1012WBS01



Tgt Ion:146 Resp: 221320
Ion Ratio Lower Upper
146 100
111 40.5 21.4 64.2
148 63.4 30.6 92.0

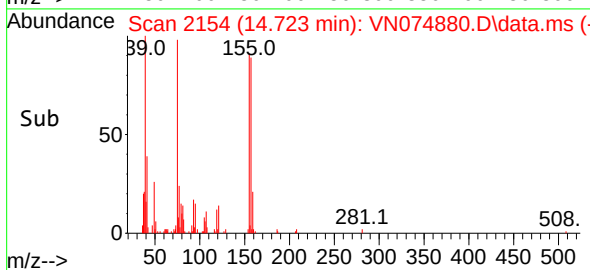
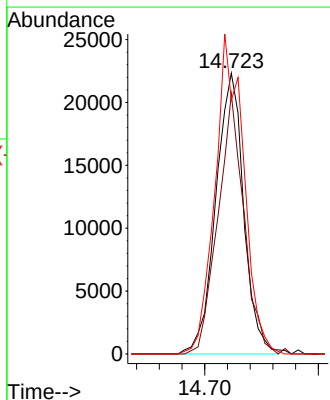
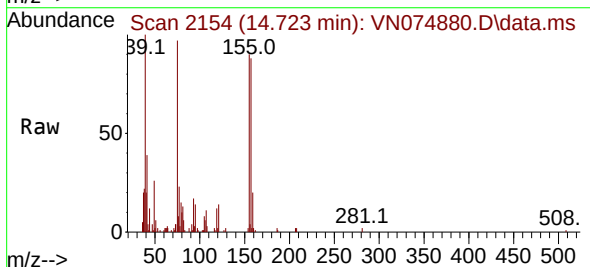
Manual Integrations
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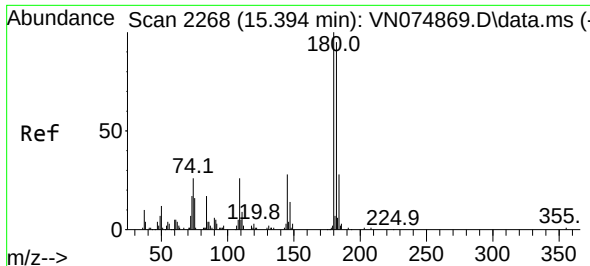
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/14/2022



#88
1,2-Dibromo-3-Chloropropane
Concen: 17.939 ug/l
RT: 14.723 min Scan# 2154
Delta R.T. 0.006 min
Lab File: VN074880.D
Acq: 12 Oct 2022 17:09

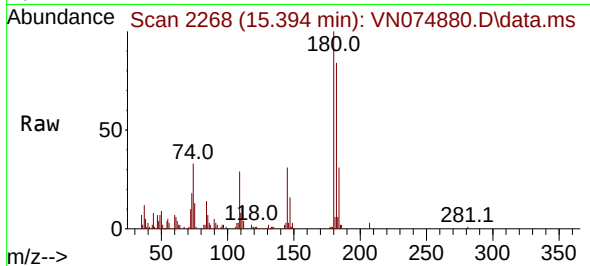
Tgt Ion: 75 Resp: 38068
Ion Ratio Lower Upper
75 100
155 86.2 66.3 99.5
157 116.5 84.3 126.5





#89
1,2,4-Trichlorobenzene
Concen: 18.316 ug/l
RT: 15.394 min Scan# 2268
Delta R.T. 0.000 min
Lab File: VN074880.D
Acq: 12 Oct 2022 17:09

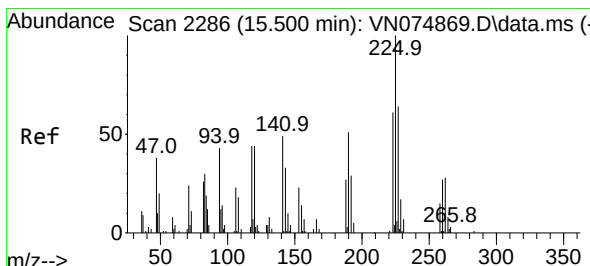
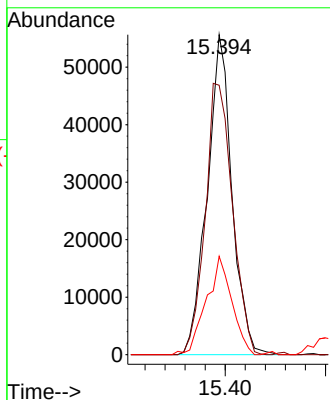
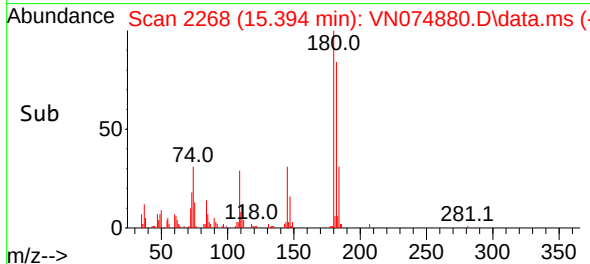
Instrument :
MSVOA_N
ClientSampleId :
VN1012WBS01



Tgt Ion:180 Resp: 95462
Ion Ratio Lower Upper
180 100
182 93.4 74.9 112.3
145 31.3 26.3 39.5

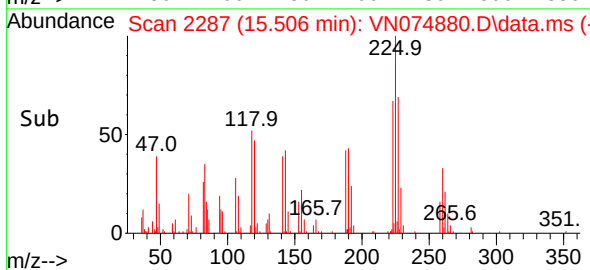
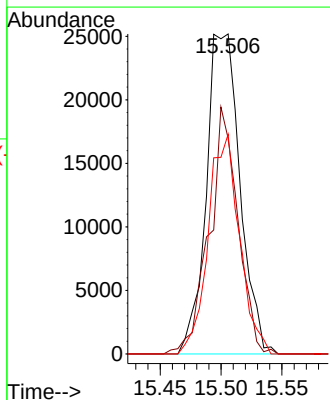
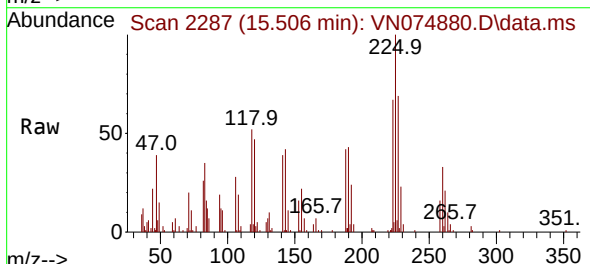
Manual Integrations
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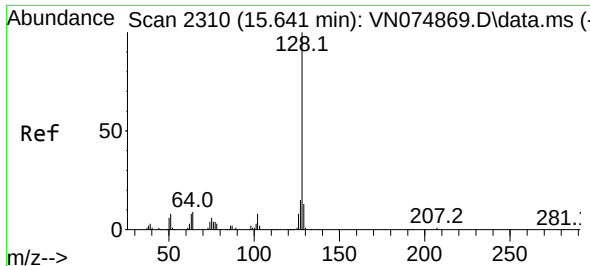
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/14/2022



#90
Hexachlorobutadiene
Concen: 19.138 ug/l
RT: 15.506 min Scan# 2287
Delta R.T. 0.006 min
Lab File: VN074880.D
Acq: 12 Oct 2022 17:09

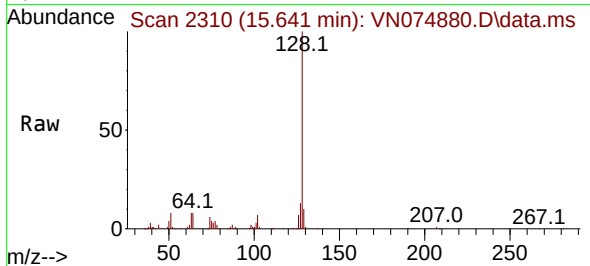
Tgt Ion:225 Resp: 48633
Ion Ratio Lower Upper
225 100
223 65.7 0.0 125.0
227 63.4 0.0 123.0





#91
Naphthalene
Concen: 18.892 ug/l
RT: 15.641 min Scan# 2310
Delta R.T. 0.000 min
Lab File: VN074880.D
Acq: 12 Oct 2022 17:09

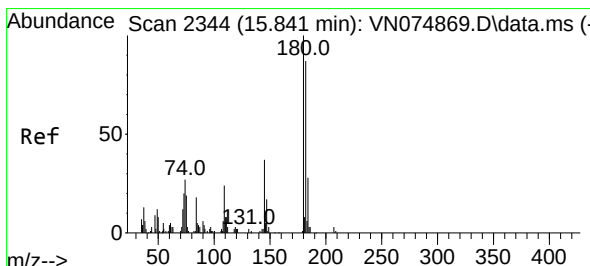
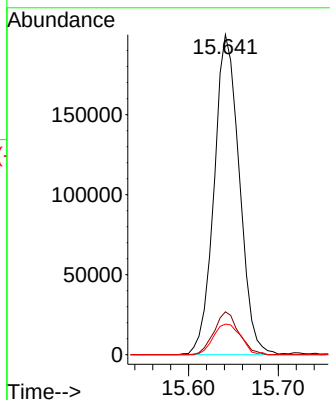
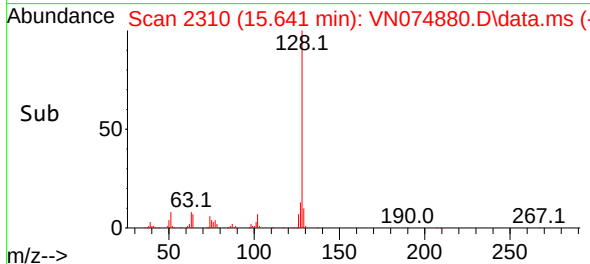
Instrument :
MSVOA_N
ClientSampleId :
VN1012WBS01



Tgt Ion:128 Resp: 390685
Ion Ratio Lower Upper
128 100
127 13.1 10.7 16.1
129 10.3 8.9 13.3

Manual Integrations
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Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/14/2022



#92
1,2,3-Trichlorobenzene
Concen: 18.309 ug/l
RT: 15.841 min Scan# 2344
Delta R.T. 0.000 min
Lab File: VN074880.D
Acq: 12 Oct 2022 17:09

Tgt Ion:180 Resp: 99825
Ion Ratio Lower Upper
180 100
182 89.8 0.0 185.4
145 32.7 0.0 68.6

