

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101222\
 Data File : VN074882.D
 Acq On : 12 Oct 2022 17:57
 Operator : JC\MD
 Sample : VN1012WBS02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1012WBS02

Quant Time: Oct 13 07:59:49 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	84745	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.106	114	493276	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.871	117	451819	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.588	65	252542	31.831	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 106.100%			
60) 4-Bromofluorobenzene	12.853	95	226200	28.231	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 94.100%			
63) Toluene-d8	10.571	98	813550	31.198	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 104.000%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.142	85	98715	20.976	ug/l	91
3) Chloromethane	2.383	50	161465	21.215	ug/l	96
4) Vinyl Chloride	2.530	62	232651	20.759	ug/l	99
5) Bromomethane	2.954	94	181575m	20.434	ug/l	
6) Chloroethane	3.130	64	177240	21.087	ug/l	93
7) Trichlorofluoromethane	3.506	101	178632	21.380	ug/l	89
8) Diethyl Ether	3.989	74	80425	20.643	ug/l	88
9) 1,1,2-Trichlorotrifluo...	4.395	101	105596	20.084	ug/l	76
10) 1,1-Dichloroethene	4.359	96	112652	21.782	ug/l	92
11) Methyl Iodide	4.612	142	133201	20.632	ug/l	94
12) Methyl Acetate	5.048	43	247094	19.822	ug/l	94
13) Acrolein	4.201	56	186017m	105.613	ug/l	
14) Acrylonitrile	5.747	53	491180	105.647	ug/l	99
15) Acetone	4.448	58	144164	113.137	ug/l	82
16) Carbon Disulfide	4.730	76	265106	19.952	ug/l	96
17) Allyl chloride	5.048	41	208147	20.214	ug/l	89
18) Methylene Chloride	5.300	84	141067	21.035	ug/l #	92
19) trans-1,2-Dichloroethene	5.806	96	117855	20.759	ug/l	92
20) Diisopropyl ether	6.694	45	505445	21.028	ug/l #	94
21) 1,1-Dichloroethane	6.589	63	264079	21.594	ug/l	98
22) cis-1,2-Dichloroethene	7.506	96	152378	21.433	ug/l	97
23) tert-Butyl Alcohol	5.559	59	206558	105.439	ug/l #	100
24) Methyl tert-Butyl Ether	5.818	73	464408	21.501	ug/l	100
25) Chloroform	7.977	83	253865	20.905	ug/l	87
26) Cyclohexane	8.265	56	220829	20.557	ug/l #	96
29) 1,1-Dichloropropene	8.377	75	179821	20.204	ug/l	96
30) 2-Butanone	7.500	43	730410	102.855	ug/l	98
31) 2,2-Dichloropropane	7.500	77	220386	20.229	ug/l	100
32) 1,1,1-Trichloroethane	8.177	97	210169	19.691	ug/l	99
33) Carbon Tetrachloride	8.365	117	175630	20.037	ug/l	92
34) Benzene	8.618	78	587813	19.980	ug/l #	92
35) Methacrylonitrile	7.789	41	138199	18.936	ug/l	91
36) 1,2-Dichloroethane	8.683	62	198674	20.279	ug/l #	88
37) Trichloroethene	9.359	130	122588	20.036	ug/l	97
38) Methylcyclohexane	9.606	83	226257	20.926	ug/l	99
39) 1,2-Dichloropropane	9.624	63	160330	21.022	ug/l	96
40) Dibromomethane	9.712	93	100833	19.951	ug/l	97
41) Bromodichloromethane	9.894	83	204199	20.747	ug/l #	98
42) Vinyl Acetate	6.624	43	2222060m	105.044	ug/l	

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.571	43	277019	20.064	ug/l	96
44) Isopropyl Acetate	8.694	43	434693	20.359	ug/l	98
45) 1,4-Dioxane	9.700	88	80363	410.470	ug/l #	90
46) Methyl methacrylate	9.688	41	191437	20.703	ug/l	90
47) n-amyl Acetate	12.494	43	362224	19.390	ug/l	96
48) t-1,3-Dichloropropene	10.841	75	219175	19.409	ug/l	97
49) cis-1,3-Dichloropropene	10.318	75	244249	20.397	ug/l	98
50) 1,1,2-Trichloroethane	11.024	97	142852	19.208	ug/l	96
51) Ethyl methacrylate	10.877	69	248312	19.635	ug/l	93
52) 1,3-Dichloropropane	11.165	76	254909	19.858	ug/l	96
53) Dibromochloromethane	11.359	129	144773	19.869	ug/l	95
54) 1,2-Dibromoethane	11.471	107	146549	20.509	ug/l	99
55) 2-Chloroethyl vinyl ether	10.165	63	451851	91.342	ug/l	98
56) Bromoform	12.582	173	95995	18.282	ug/l	98
58) 4-Methyl-2-Pentanone	10.447	43	1450882	103.254	ug/l	98
59) 2-Hexanone	11.200	43	1107845	102.444	ug/l	98
61) Tetrachloroethene	11.106	164	100087	20.779	ug/l	88
62) Toluene	10.635	91	638573	20.457	ug/l	99
64) Chlorobenzene	11.894	112	359843	20.281	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.965	131	134353	20.104	ug/l	99
66) Ethyl Benzene	11.965	91	702193	20.687	ug/l	98
67) m/p-Xylenes	12.076	106	524227	41.110	ug/l	96
68) o-Xylene	12.400	106	261654	20.186	ug/l	99
69) Styrene	12.412	104	419954	19.795	ug/l	99
70) Isopropylbenzene	12.700	105	677488	20.266	ug/l	97
71) 1,1,2,2-Tetrachloroethane	12.941	83	255609	20.440	ug/l	98
72) 1,2,3-Trichloropropane	12.994	75	217973m	20.748	ug/l	
73) Bromobenzene	12.982	156	140796	20.098	ug/l	94
74) n-propylbenzene	13.035	91	783702	20.107	ug/l	97
75) 2-Chlorotoluene	13.129	91	457120	20.048	ug/l	99
76) 1,3,5-Trimethylbenzene	13.176	105	554860	20.425	ug/l	100
77) t-1,4-Dichloro-2-butene	12.735	75	85601	19.611	ug/l	96
78) 4-Chlorotoluene	13.223	91	422259	19.406	ug/l	99
79) tert-butylbenzene	13.441	119	486420	20.129	ug/l	99
80) 1,2,4-Trimethylbenzene	13.482	105	551962	20.193	ug/l	97
81) sec-Butylbenzene	13.618	105	682715	19.658	ug/l	100
82) p-Isopropyltoluene	13.735	119	547507	19.841	ug/l	99
83) 1,3-Dichlorobenzene	13.735	146	268530	19.645	ug/l	99
84) 1,4-Dichlorobenzene	13.812	146	259933	19.797	ug/l	100
85) n-Butylbenzene	14.059	91	469650	19.281	ug/l	99
86) Hexachloroethane	14.335	117	106922	19.784	ug/l	92
87) 1,2-Dichlorobenzene	14.106	146	273403	20.144	ug/l	96
88) 1,2-Dibromo-3-Chloropr...	14.717	75	47475	18.810	ug/l	96
89) 1,2,4-Trichlorobenzene	15.394	180	117121	18.895	ug/l	99
90) Hexachlorobutadiene	15.506	225	59657	19.739	ug/l	99
91) Naphthalene	15.641	128	487742	19.831	ug/l	100
92) 1,2,3-Trichlorobenzene	15.841	180	119337	18.404	ug/l	97

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

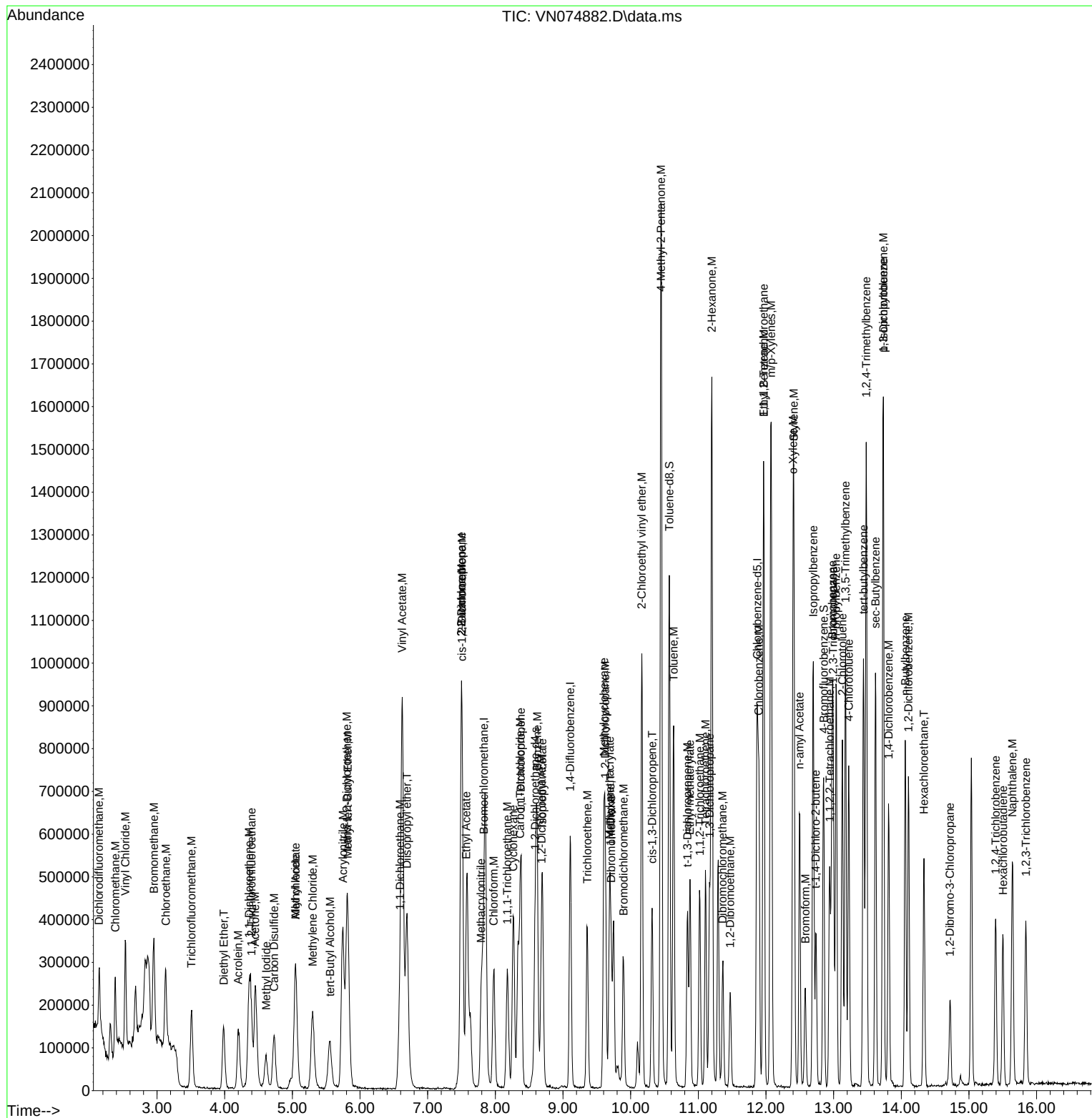
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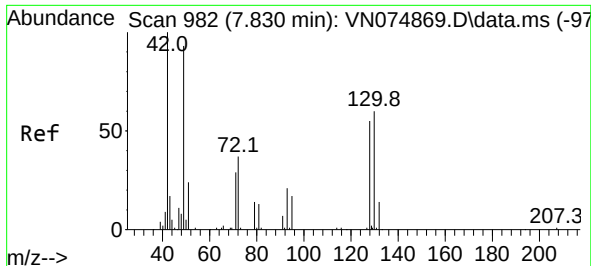
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1012WBS02

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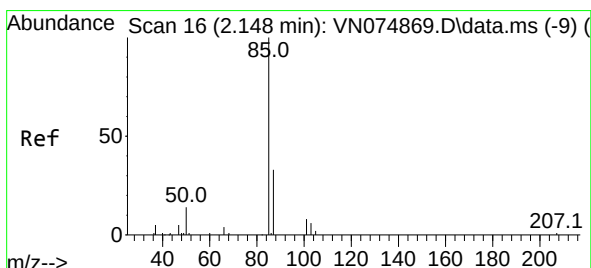
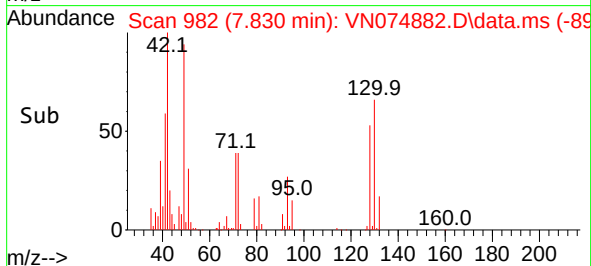
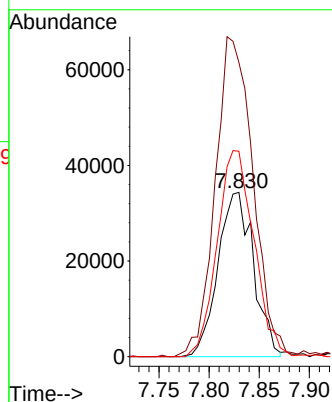
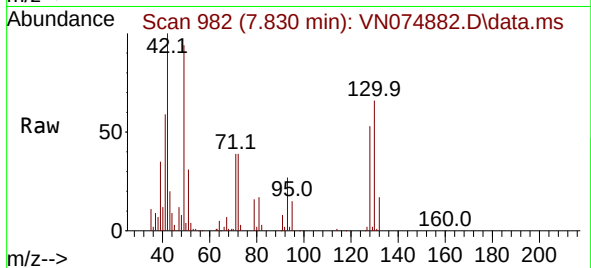
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Bromochloromethane
Concen: 30.000 ug/l
RT: 7.830 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN074882.D
Acq: 12 Oct 2022 17:57

Instrument :
MSVOA_N
ClientSampleId :
VN1012WBS02

Tgt Ion:128 Resp: 8474
Ion Ratio Lower Upper
128 100
49 206.4 0.0 492.0
130 129.9 0.0 313.3

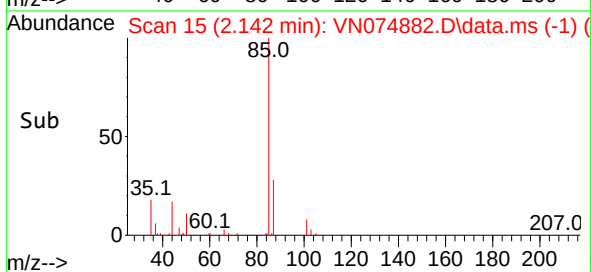
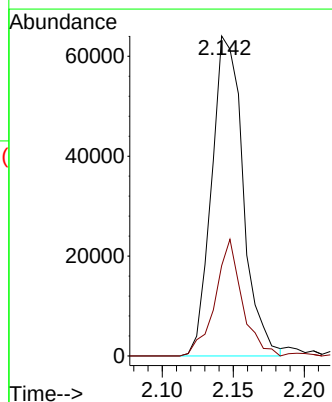
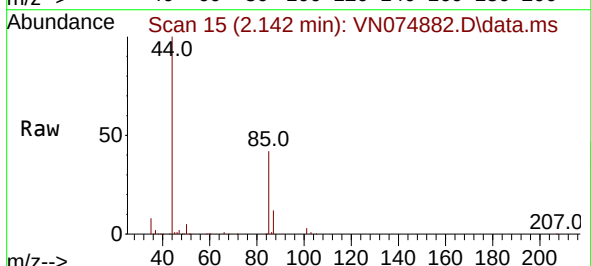
Manual Integrations
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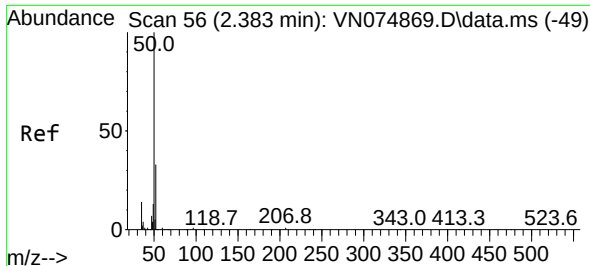
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/14/2022



#2
Dichlorodifluoromethane
Concen: 20.976 ug/l
RT: 2.142 min Scan# 15
Delta R.T. -0.006 min
Lab File: VN074882.D
Acq: 12 Oct 2022 17:57

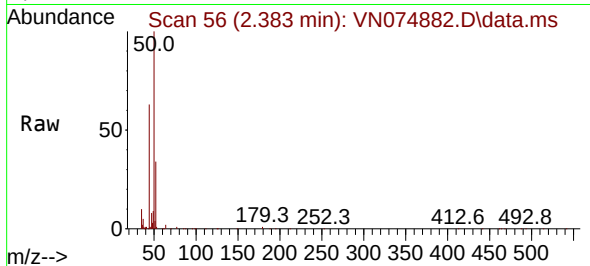
Tgt Ion: 85 Resp: 98715
Ion Ratio Lower Upper
85 100
87 28.2 16.7 50.1





#3
Chloromethane
Concen: 21.215 ug/l
RT: 2.383 min Scan# 50
Delta R.T. -0.000 min
Lab File: VN074882.D
Acq: 12 Oct 2022 17:57

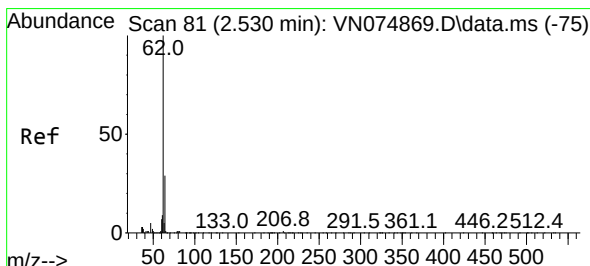
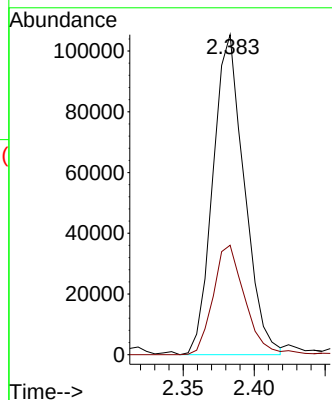
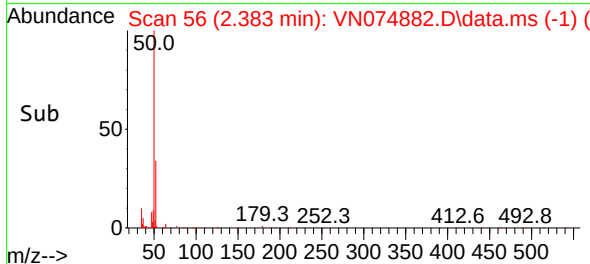
Instrument :
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Tgt Ion: 50 Resp: 16146
Ion Ratio Lower Upper
50 100
52 34.2 25.5 38.3

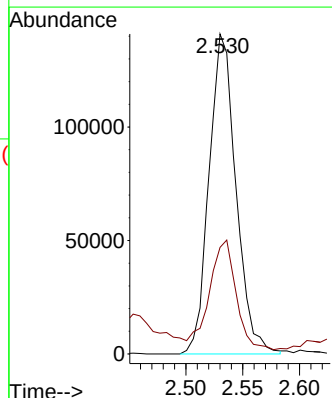
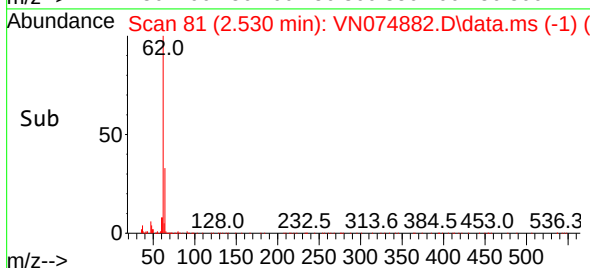
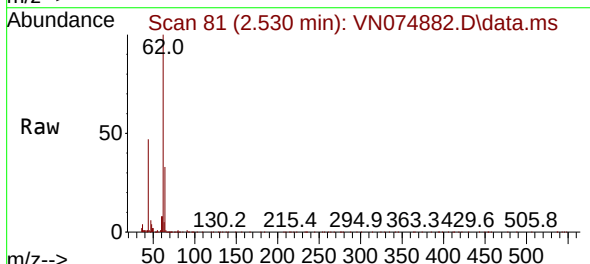
Manual Integrations
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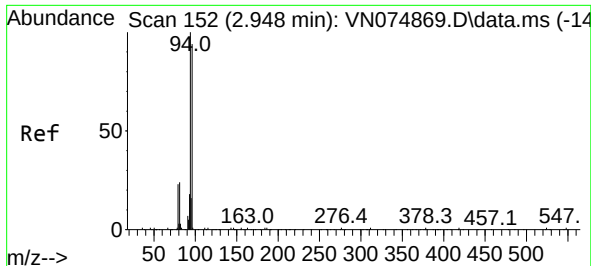
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/14/2022



#4
Vinyl Chloride
Concen: 20.759 ug/l
RT: 2.530 min Scan# 81
Delta R.T. -0.000 min
Lab File: VN074882.D
Acq: 12 Oct 2022 17:57

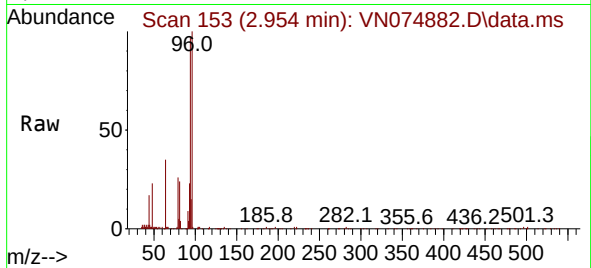
Tgt Ion: 62 Resp: 232651
Ion Ratio Lower Upper
62 100
64 31.6 25.6 38.4





#5
Bromomethane
Concen: 20.434 ug/l m
RT: 2.954 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN074882.D
Acq: 12 Oct 2022 17:57

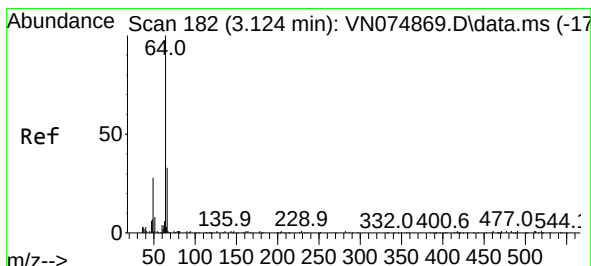
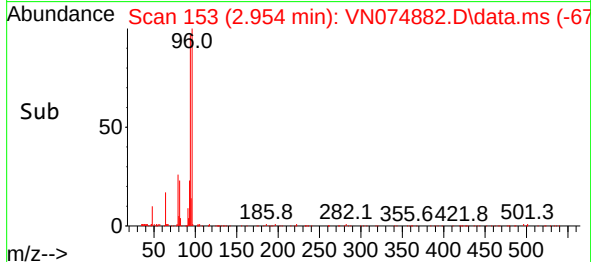
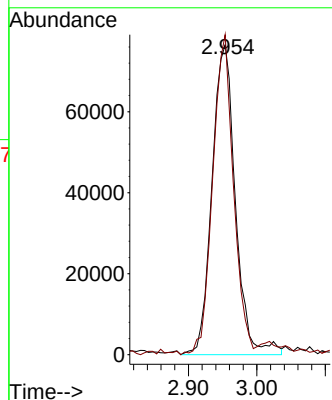
Instrument :
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Tgt Ion: 94 Resp: 18157
Ion Ratio Lower Upper
94 100
96 103.3 68.3 102.5

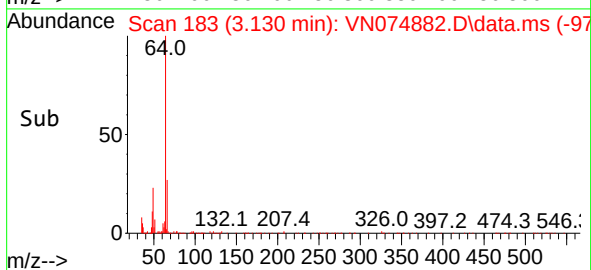
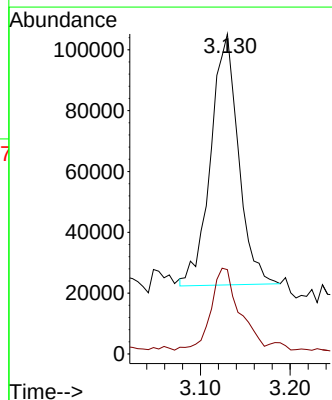
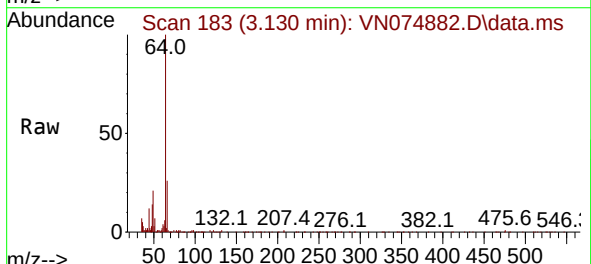
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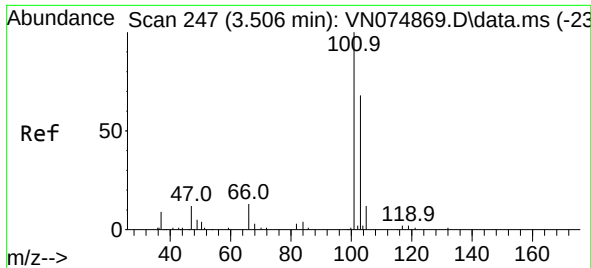
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/14/2022



#6
Chloroethane
Concen: 21.087 ug/l
RT: 3.130 min Scan# 183
Delta R.T. 0.006 min
Lab File: VN074882.D
Acq: 12 Oct 2022 17:57

Tgt Ion: 64 Resp: 177240
Ion Ratio Lower Upper
64 100
66 31.1 21.8 32.8





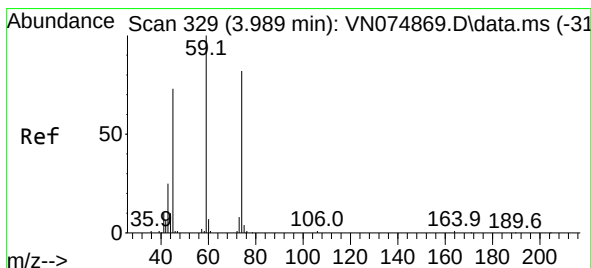
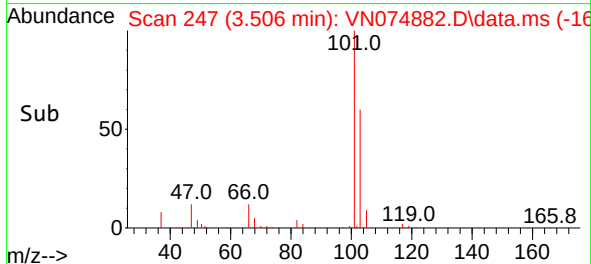
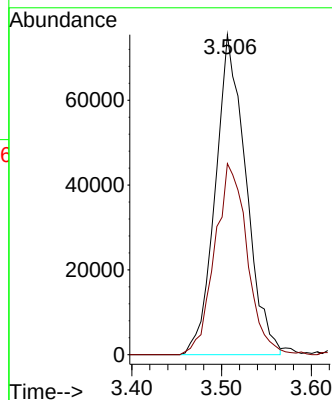
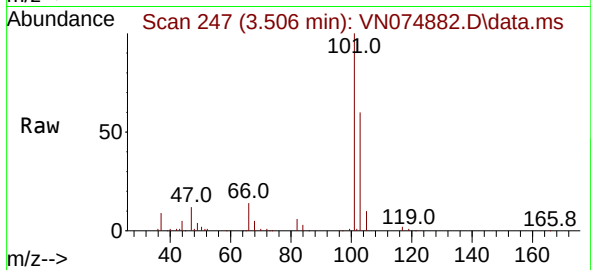
#7
 Trichlorofluoromethane
 Concen: 21.380 ug/l
 RT: 3.506 min Scan# 247
 Delta R.T. -0.000 min
 Lab File: VN074882.D
 Acq: 12 Oct 2022 17:57

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1012WBS02

Tgt Ion:101 Resp: 17863
 Ion Ratio Lower Upper
 101 100
 103 59.7 54.8 82.2

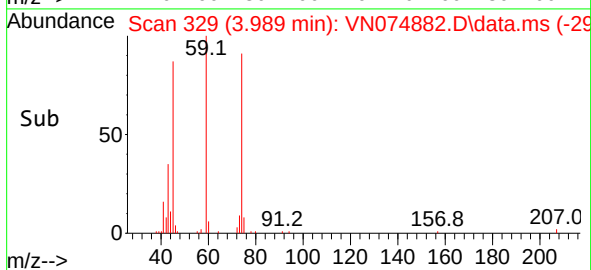
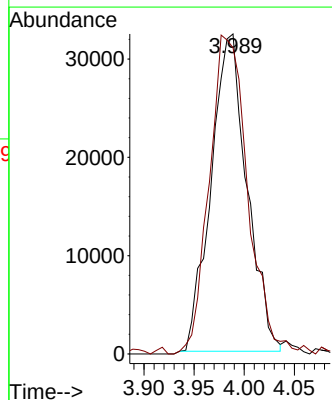
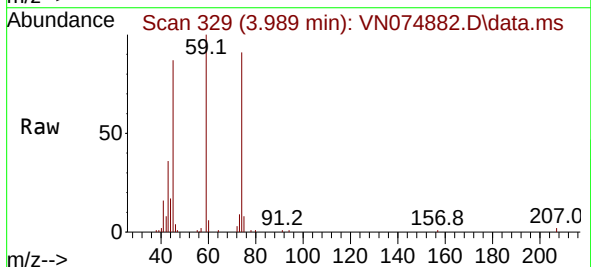
Manual Integrations
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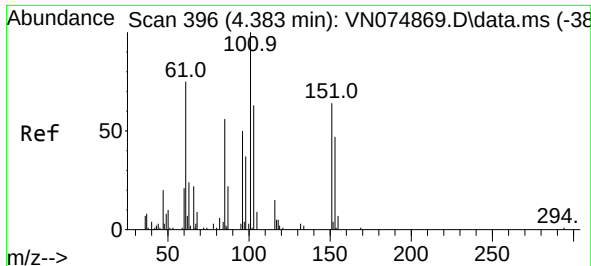
Reviewed By :John Carlone 10/13/2022
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#8
 Diethyl Ether
 Concen: 20.643 ug/l
 RT: 3.989 min Scan# 329
 Delta R.T. -0.000 min
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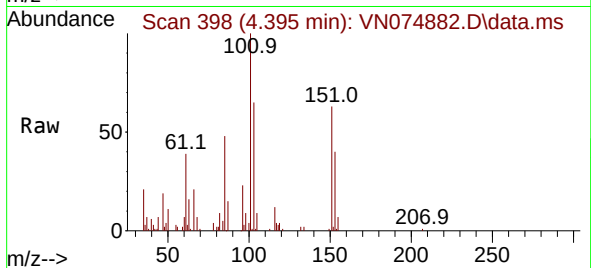
Tgt Ion: 74 Resp: 80425
 Ion Ratio Lower Upper
 74 100
 45 106.5 19.0 171.0





#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.084 ug/l
RT: 4.395 min Scan# 396
Delta R.T. 0.012 min
Lab File: VN074882.D
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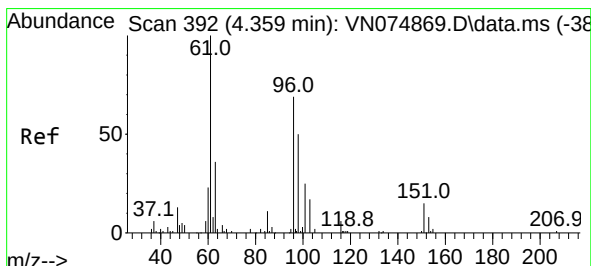
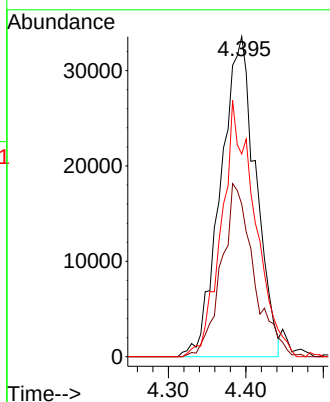
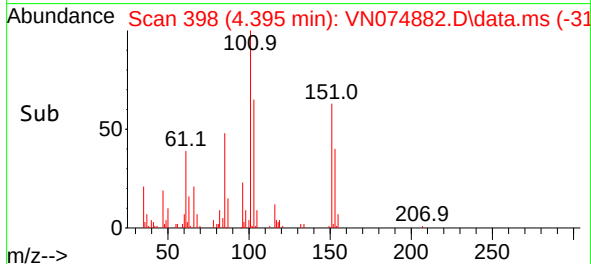
Instrument :
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ClientSampleId :
VN1012WBS02



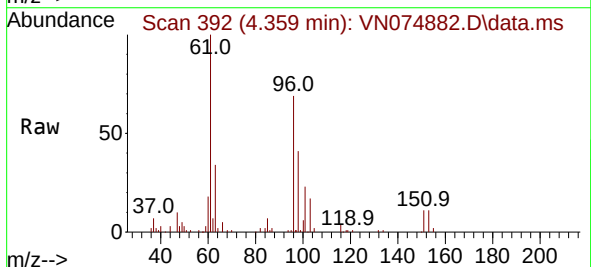
Tgt Ion:101 Resp: 105590
Ion Ratio Lower Upper
101 100
85 49.8 0.0 94.6
151 41.2 0.0 144.8

Manual Integrations
APPROVED

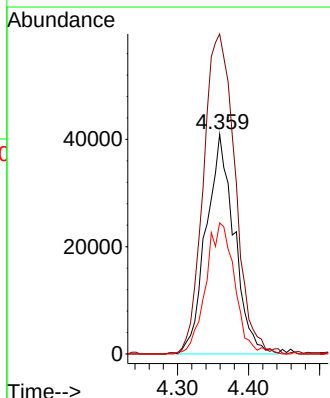
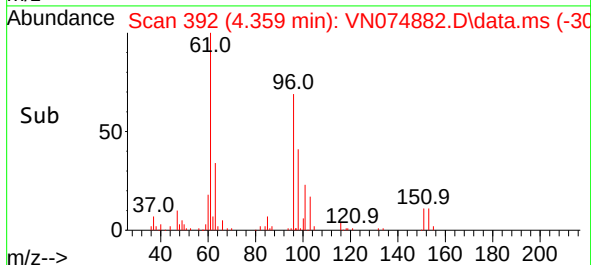
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/14/2022

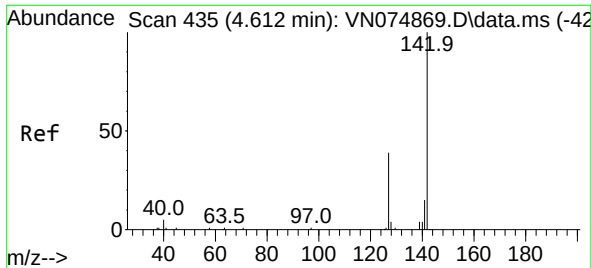


#10
1,1-Dichloroethene
Concen: 21.782 ug/l
RT: 4.359 min Scan# 392
Delta R.T. -0.000 min
Lab File: VN074882.D
Acq: 12 Oct 2022 17:57



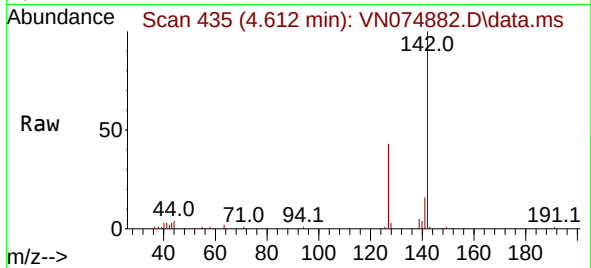
Tgt Ion: 96 Resp: 112652
Ion Ratio Lower Upper
96 100
61 144.9 125.5 188.3
98 59.2 45.0 67.4





#11
Methyl Iodide
Concen: 20.632 ug/l
RT: 4.612 min Scan# 411
Delta R.T. -0.000 min
Lab File: VN074882.D
Acq: 12 Oct 2022 17:57

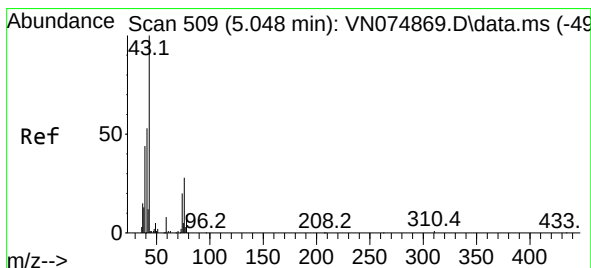
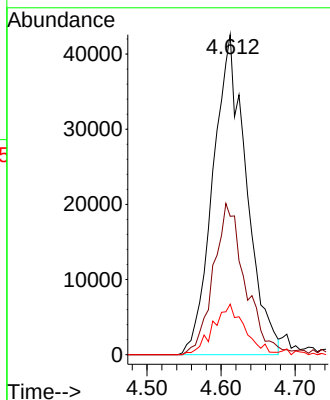
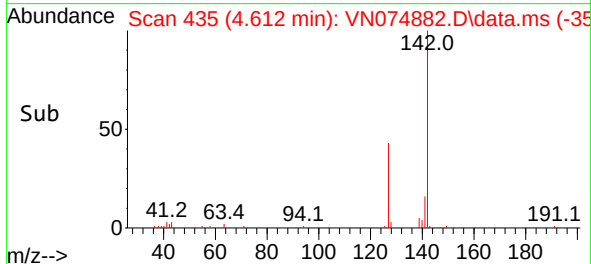
Instrument :
MSVOA_N
ClientSampleId :
VN1012WBS02



Tgt Ion:142 Resp: 133201
Ion Ratio Lower Upper
142 100
127 43.1 19.3 57.8
141 15.8 7.7 23.1

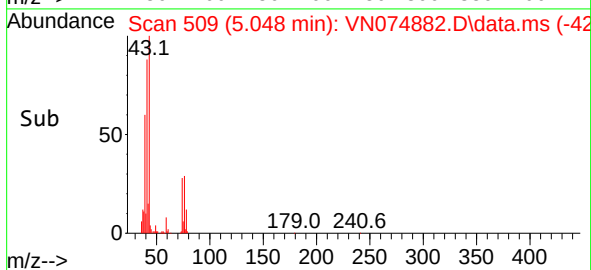
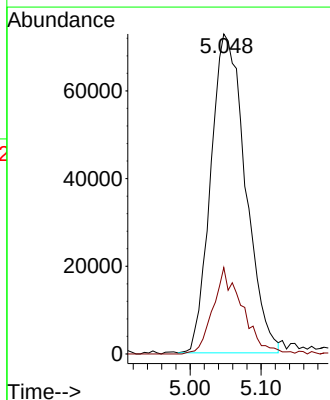
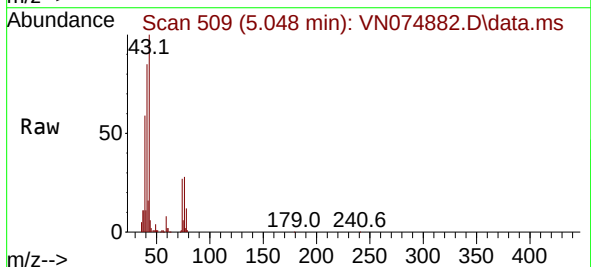
Manual Integrations
APPROVED

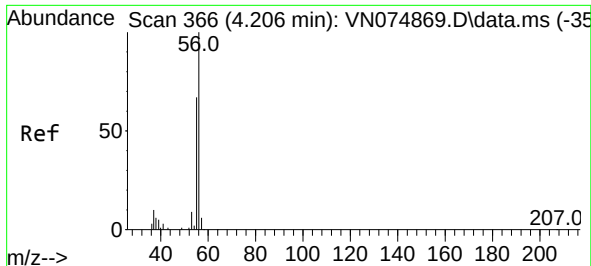
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/14/2022



#12
Methyl Acetate
Concen: 19.822 ug/l
RT: 5.048 min Scan# 509
Delta R.T. -0.000 min
Lab File: VN074882.D
Acq: 12 Oct 2022 17:57

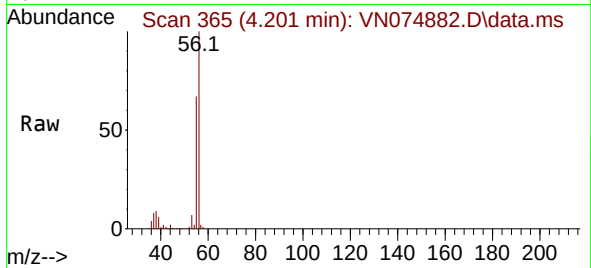
Tgt Ion: 43 Resp: 247094
Ion Ratio Lower Upper
43 100
74 26.8 19.0 28.6





#13
Acrolein
Concen: 105.613 ug/l m
RT: 4.201 min Scan# 3
Delta R.T. -0.006 min
Lab File: VN074882.D
Acq: 12 Oct 2022 17:57

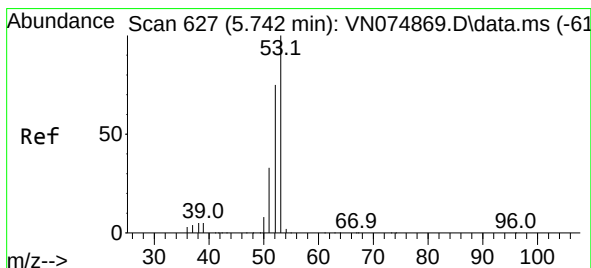
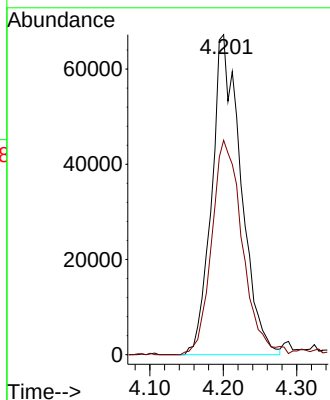
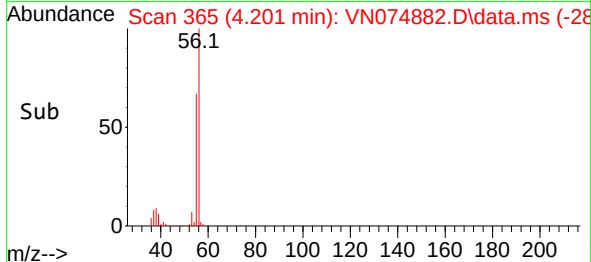
Instrument :
MSVOA_N
ClientSampleId :
VN1012WBS02



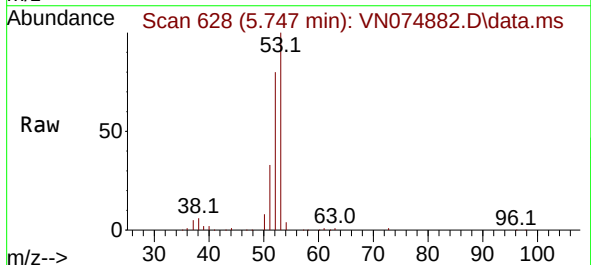
Tgt Ion: 56 Resp: 18601
Ion Ratio Lower Upper
56 100
55 0.1 56.2 84.2

Manual Integrations
APPROVED

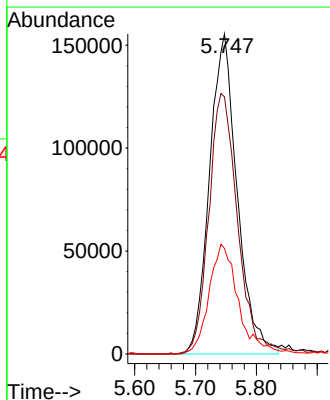
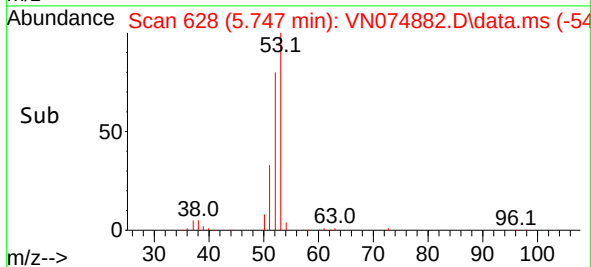
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/14/2022

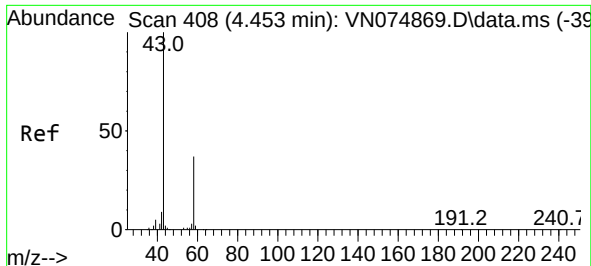


#14
Acrylonitrile
Concen: 105.647 ug/l
RT: 5.747 min Scan# 628
Delta R.T. 0.006 min
Lab File: VN074882.D
Acq: 12 Oct 2022 17:57



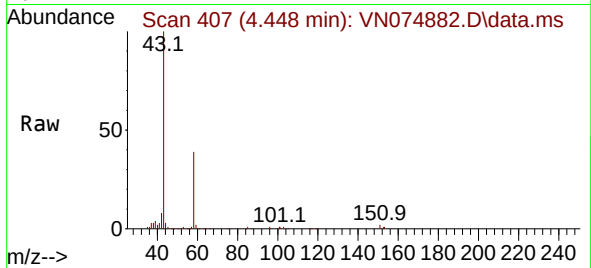
Tgt Ion: 53 Resp: 491180
Ion Ratio Lower Upper
53 100
52 81.8 40.8 122.4
51 33.2 17.0 51.0





#15
Acetone
Concen: 113.137 ug/l
RT: 4.448 min Scan# 408
Delta R.T. -0.006 min
Lab File: VN074882.D
Acq: 12 Oct 2022 17:57

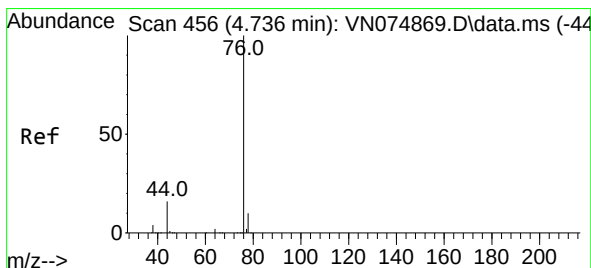
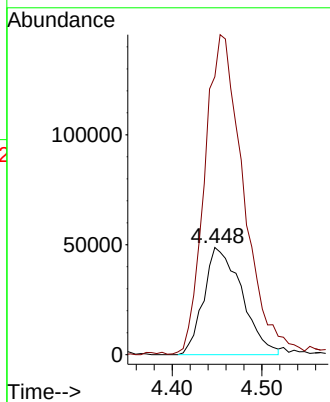
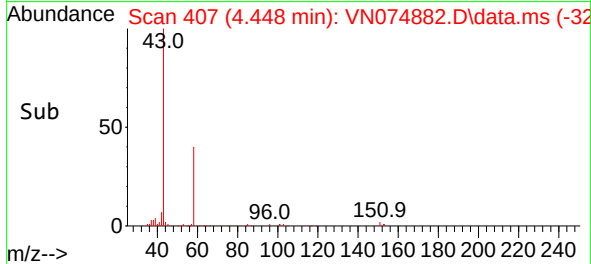
Instrument :
MSVOA_N
ClientSampleId :
VN1012WBS02



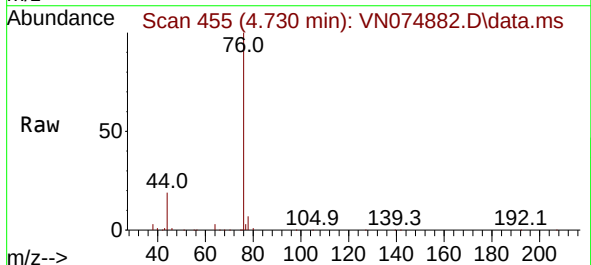
Tgt Ion: 58 Resp: 144164
Ion Ratio Lower Upper
58 100
43 256.5 232.2 348.4

Manual Integrations
APPROVED

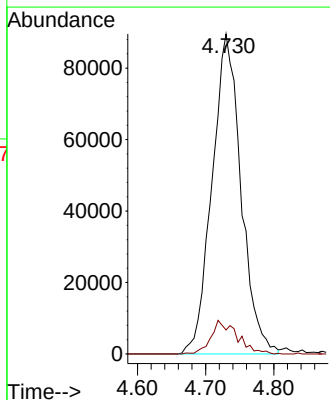
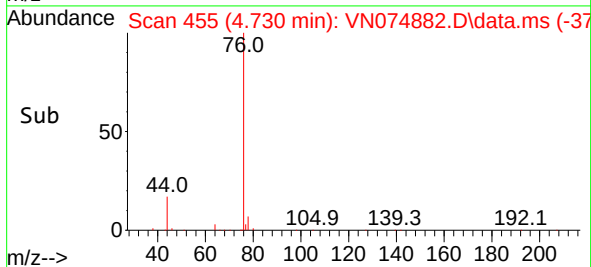
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/14/2022

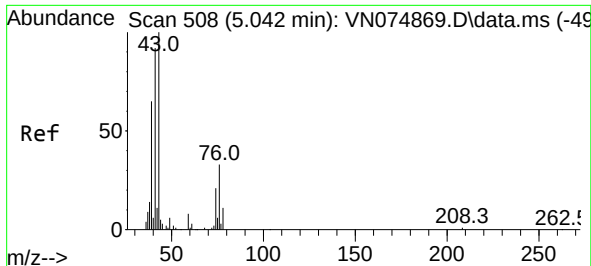


#16
Carbon Disulfide
Concen: 19.952 ug/l
RT: 4.730 min Scan# 455
Delta R.T. -0.006 min
Lab File: VN074882.D
Acq: 12 Oct 2022 17:57



Tgt Ion: 76 Resp: 265106
Ion Ratio Lower Upper
76 100
78 7.5 7.2 10.8





#17

Allyl chloride

Concen: 20.214 ug/l

RT: 5.048 min Scan# 508

Delta R.T. 0.006 min

Lab File: VN074882.D

Acq: 12 Oct 2022 17:57

Instrument :

MSVOA_N

ClientSampleId :

VN1012WBS02

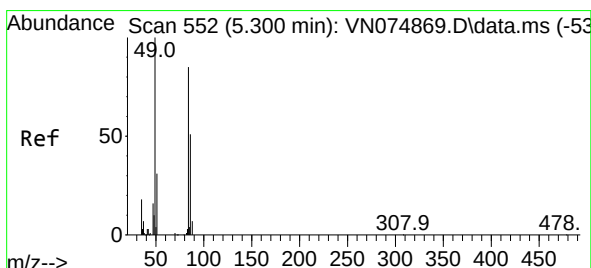
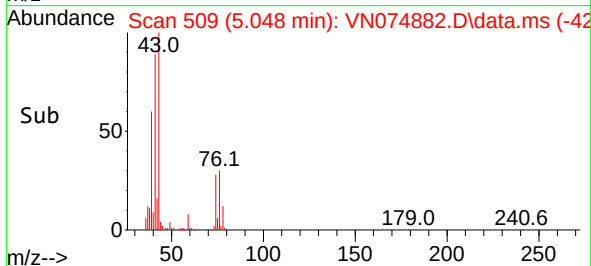
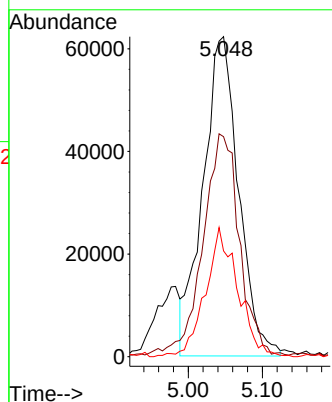
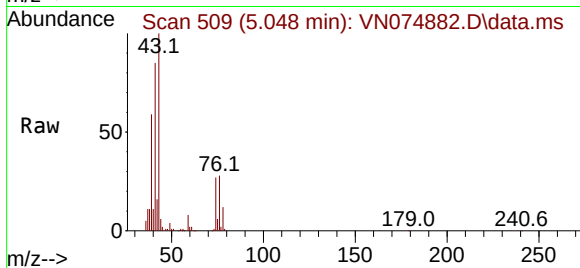
Tgt Ion:	41	Resp:	20814
Ion Ratio	Lower	Upper	
41	100		
39	68.8	39.1	117.5
76	33.2	19.8	59.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/13/2022

Supervised By :Mahesh Dadoda 10/14/2022



#18

Methylene Chloride

Concen: 21.035 ug/l

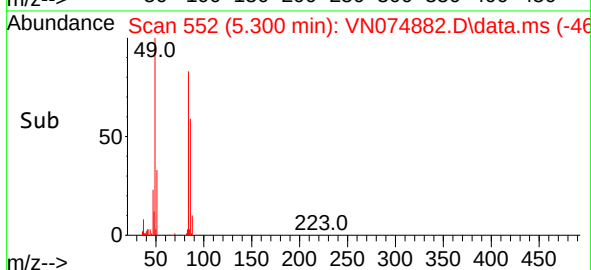
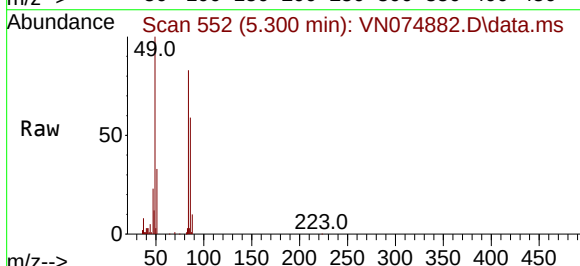
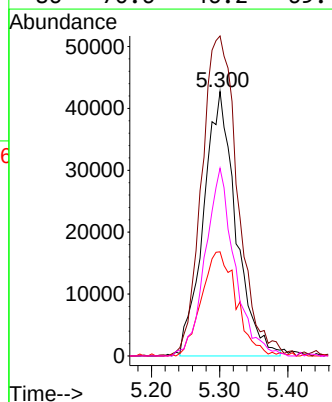
RT: 5.300 min Scan# 552

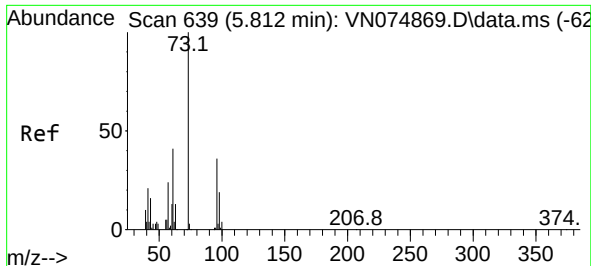
Delta R.T. -0.000 min

Lab File: VN074882.D

Acq: 12 Oct 2022 17:57

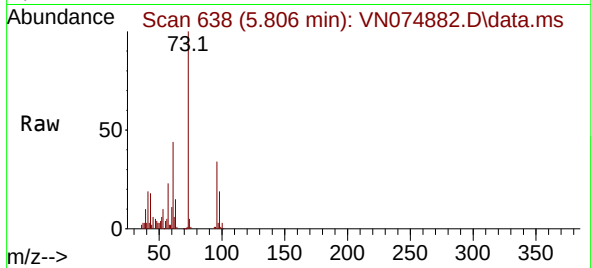
Tgt Ion:	84	Resp:	141067
Ion Ratio	Lower	Upper	
84	100		
49	119.2	99.6	149.4
51	38.8	28.2	42.2
86	70.6	46.2	69.4





#19
trans-1,2-Dichloroethene
Concen: 20.759 ug/l
RT: 5.806 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN074882.D
Acq: 12 Oct 2022 17:57

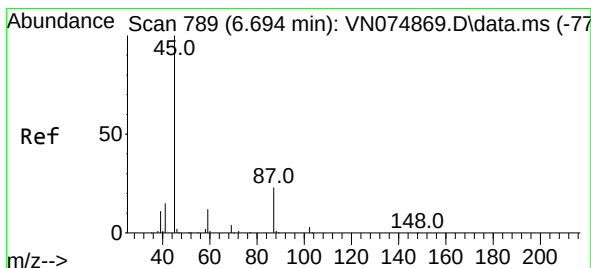
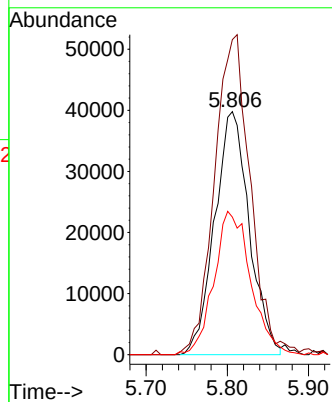
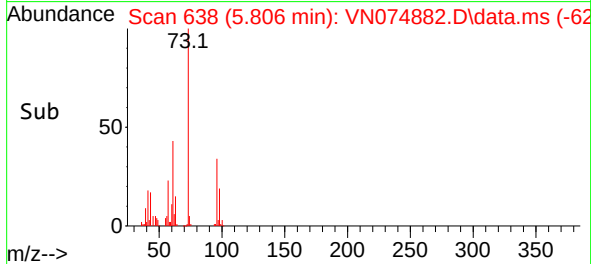
Instrument :
MSVOA_N
ClientSampleId :
VN1012WBS02



Tgt Ion: 96 Resp: 11785
Ion Ratio Lower Upper
96 100
61 128.6 110.2 165.4
98 55.4 50.0 75.0

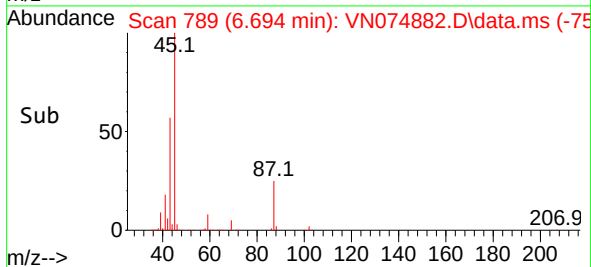
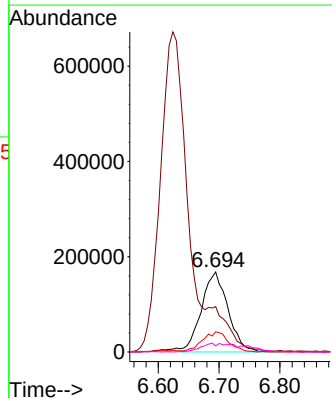
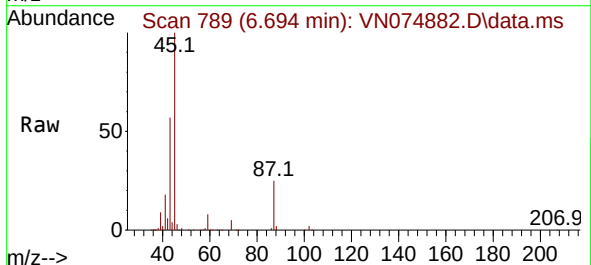
Manual Integrations
APPROVED

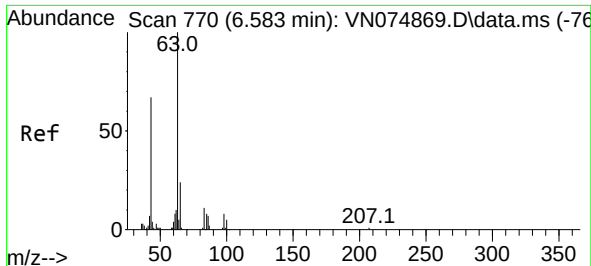
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/14/2022



#20
Diisopropyl ether
Concen: 21.028 ug/l
RT: 6.694 min Scan# 789
Delta R.T. -0.000 min
Lab File: VN074882.D
Acq: 12 Oct 2022 17:57

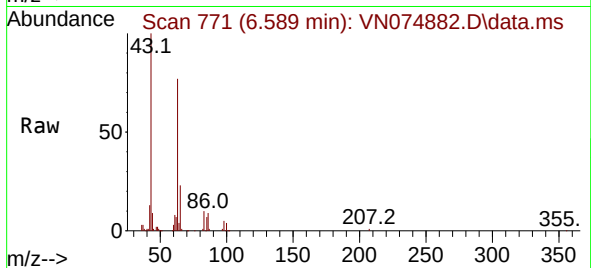
Tgt Ion: 45 Resp: 505445
Ion Ratio Lower Upper
45 100
43 54.7 47.3 70.9
87 25.0 21.8 32.8
59 7.3 10.2 15.2#





#21
1,1-Dichloroethane
Concen: 21.594 ug/l
RT: 6.589 min Scan# 771
Delta R.T. 0.006 min
Lab File: VN074882.D
Acq: 12 Oct 2022 17:57

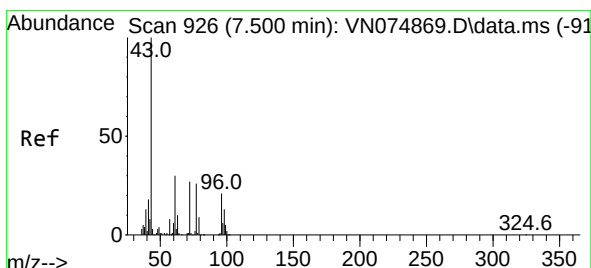
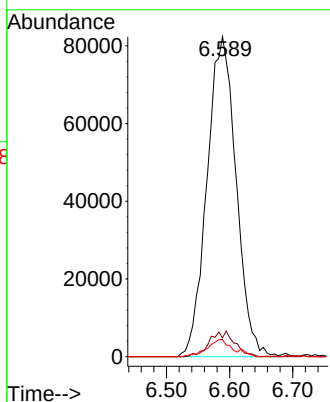
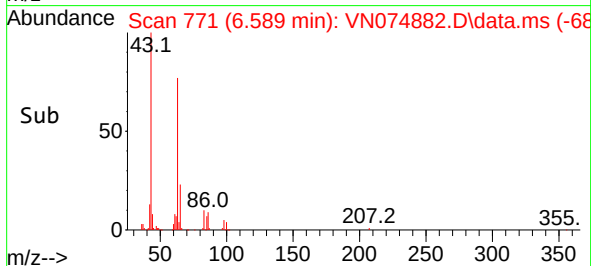
Instrument :
MSVOA_N
ClientSampleId :
VN1012WBS02



Tgt Ion: 63 Resp: 264079
Ion Ratio Lower Upper
63 100
98 5.9 3.3 9.9
100 5.3 2.2 6.6

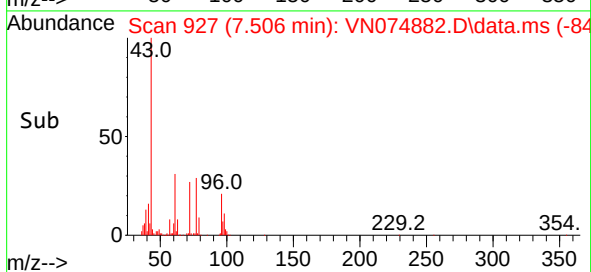
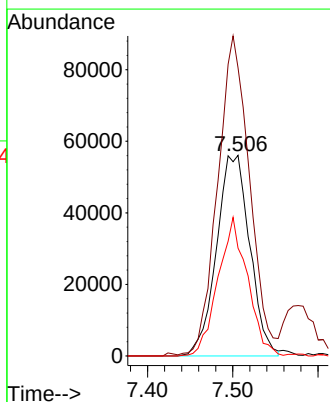
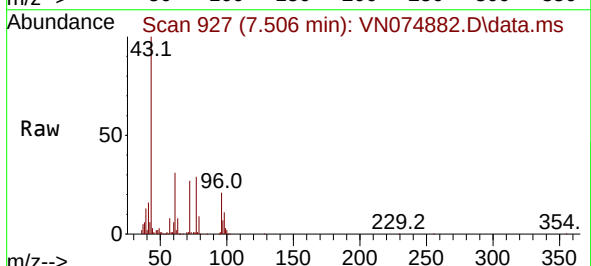
Manual Integrations
APPROVED

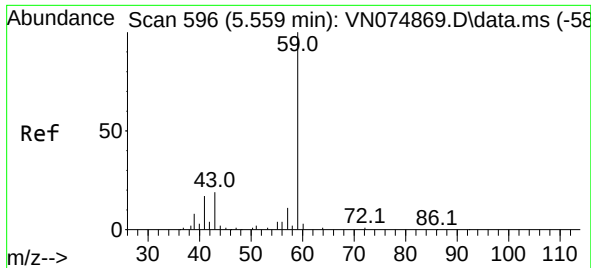
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/14/2022



#22
cis-1,2-Dichloroethene
Concen: 21.433 ug/l
RT: 7.506 min Scan# 927
Delta R.T. 0.006 min
Lab File: VN074882.D
Acq: 12 Oct 2022 17:57

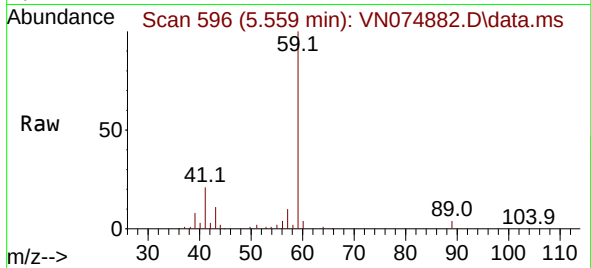
Tgt Ion: 96 Resp: 152378
Ion Ratio Lower Upper
96 100
61 152.0 118.8 178.2
98 61.3 52.1 78.1





#23
tert-Butyl Alcohol
Concen: 105.439 ug/l
RT: 5.559 min Scan# 596
Delta R.T. -0.000 min
Lab File: VN074882.D
Acq: 12 Oct 2022 17:57

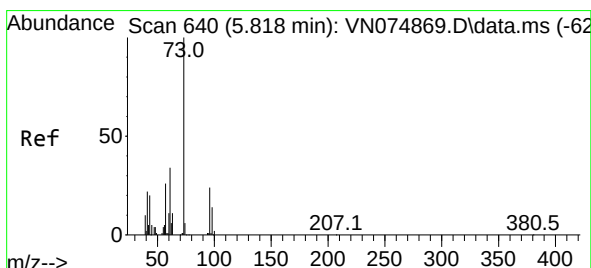
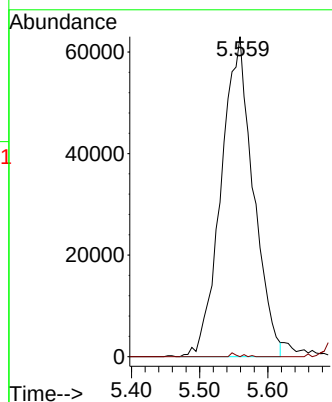
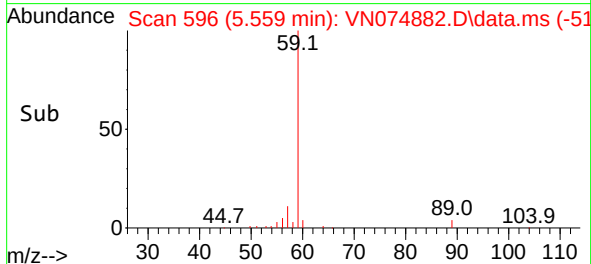
Instrument :
MSVOA_N
ClientSampleId :
VN1012WBS02



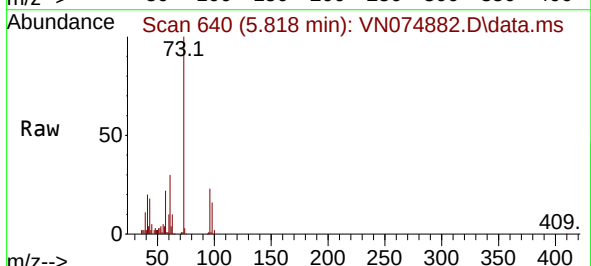
Tgt Ion: 59 Resp: 206558
Ion Ratio Lower Upper
59 100
52 0.1 0.2 0.4

Manual Integrations
APPROVED

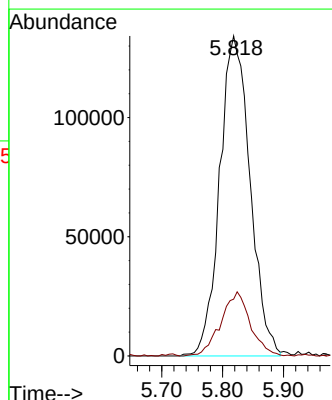
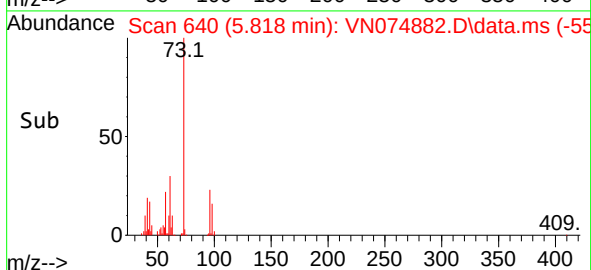
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/14/2022

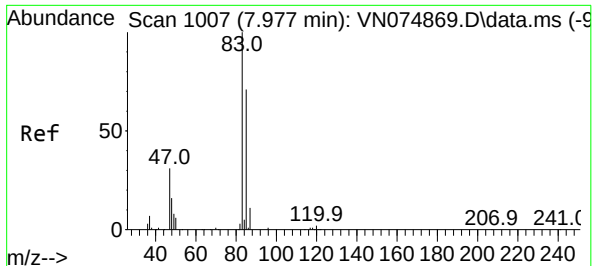


#24
Methyl tert-Butyl Ether
Concen: 21.501 ug/l
RT: 5.818 min Scan# 640
Delta R.T. -0.000 min
Lab File: VN074882.D
Acq: 12 Oct 2022 17:57



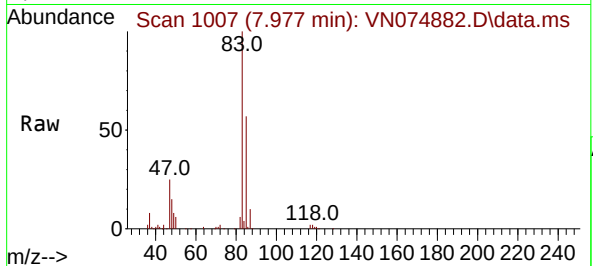
Tgt Ion: 73 Resp: 464408
Ion Ratio Lower Upper
73 100
43 19.4 15.6 23.4





#25
Chloroform
Concen: 20.905 ug/l
RT: 7.977 min Scan# 1007
Delta R.T. -0.000 min
Lab File: VN074882.D
Acq: 12 Oct 2022 17:57

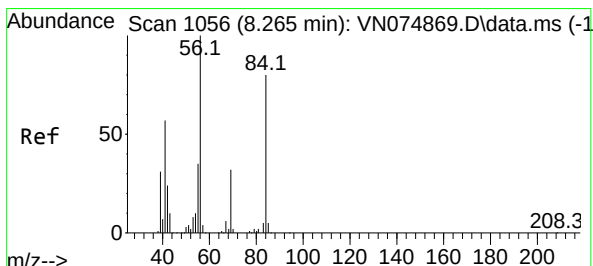
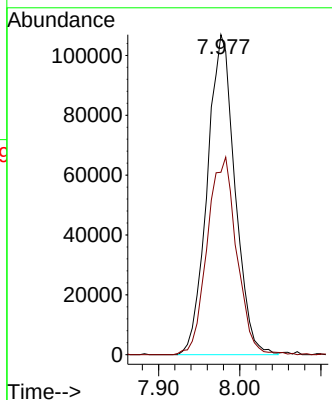
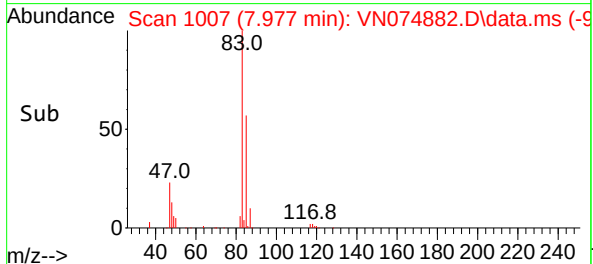
Instrument :
MSVOA_N
ClientSampleId :
VN1012WBS02



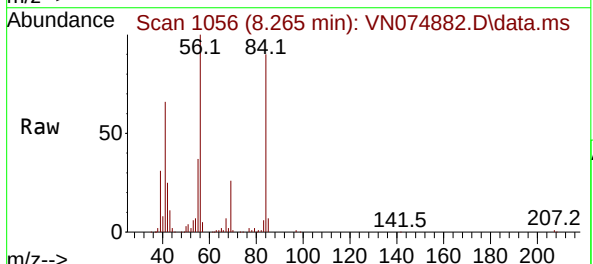
Tgt Ion: 83 Resp: 25386
Ion Ratio Lower Upper
83 100
85 56.6 53.6 80.4

Manual Integrations
APPROVED

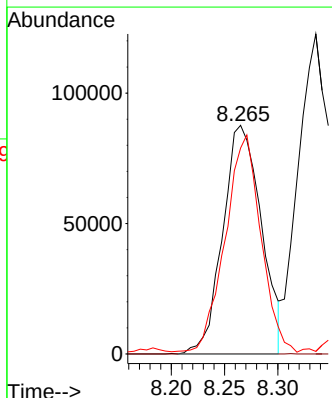
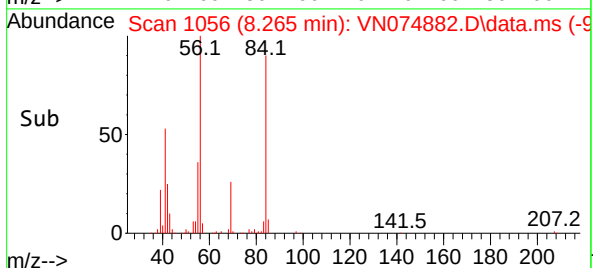
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/14/2022

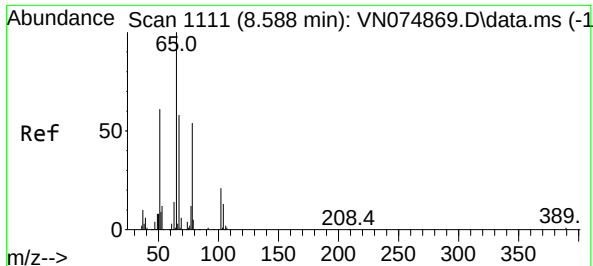


#26
Cyclohexane
Concen: 20.557 ug/l
RT: 8.265 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN074882.D
Acq: 12 Oct 2022 17:57



Tgt Ion: 56 Resp: 220829
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 89.6 68.4 102.6





#27

1,2-Dichloroethane-d4

Concen: 31.831 ug/l

RT: 8.588 min Scan# 1111

Delta R.T. -0.000 min

Lab File: VN074882.D

Acq: 12 Oct 2022 17:57

Instrument :

MSVOA_N

ClientSampleId :

VN1012WBS02

Tgt Ion: 65 Resp: 25254

Ion Ratio Lower Upper

65 100

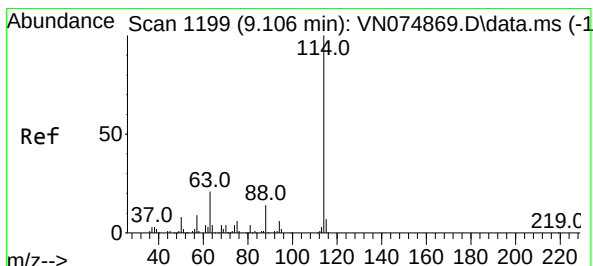
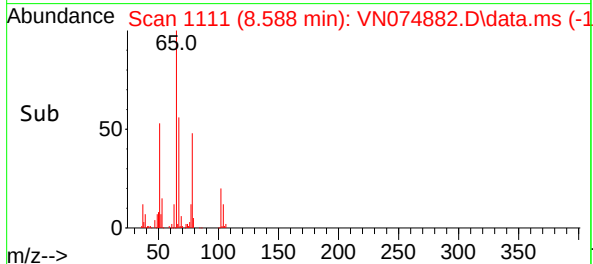
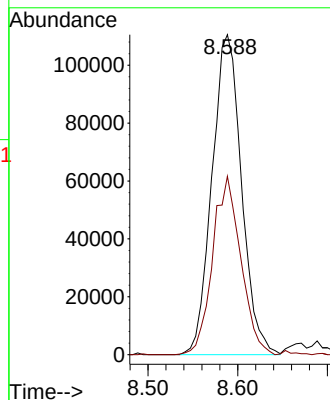
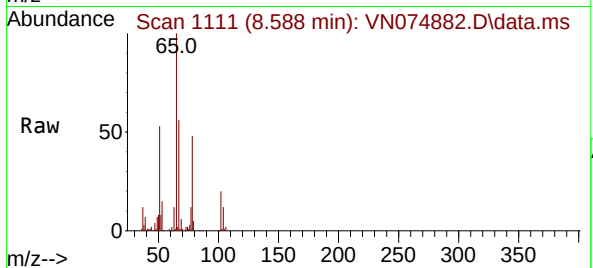
67 53.2 45.2 67.8

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: 9.106 min Scan# 1199

Delta R.T. -0.000 min

Lab File: VN074882.D

Acq: 12 Oct 2022 17:57

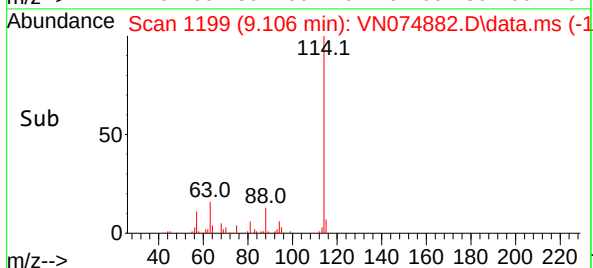
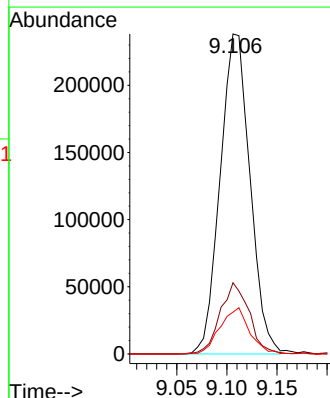
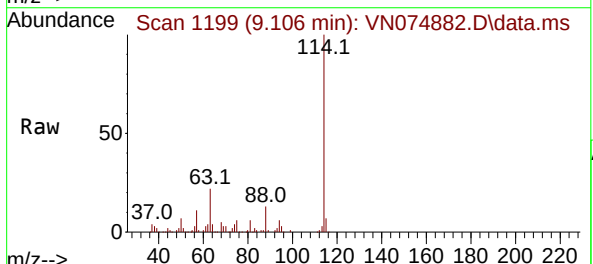
Tgt Ion:114 Resp: 493276

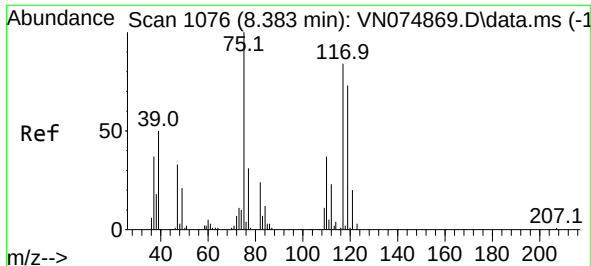
Ion Ratio Lower Upper

114 100

63 21.6 16.6 25.0

88 14.2 12.2 18.4





#29

1,1-Dichloropropene

Concen: 20.204 ug/l

RT: 8.377 min Scan# 1075

Delta R.T. -0.006 min

Lab File: VN074882.D

Acq: 12 Oct 2022 17:57

Instrument :

MSVOA_N

ClientSampleId :

VN1012WBS02

Tgt Ion: 75 Resp: 17982

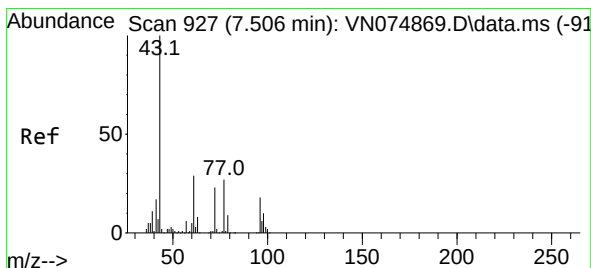
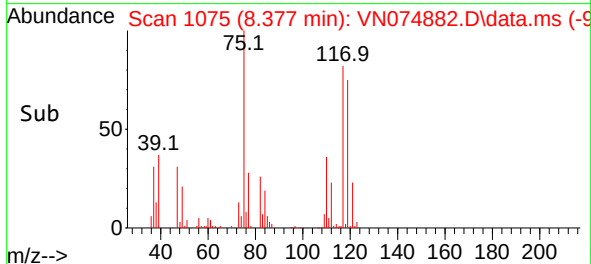
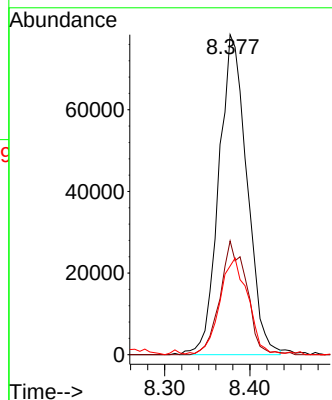
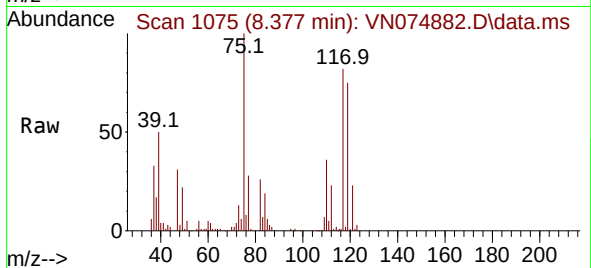
Ion	Ratio	Lower	Upper
75	100		
110	33.2	0.0	72.2
77	30.1	0.0	64.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/13/2022

Supervised By :Mahesh Dadoda 10/14/2022



#30

2-Butanone

Concen: 102.855 ug/l

RT: 7.500 min Scan# 926

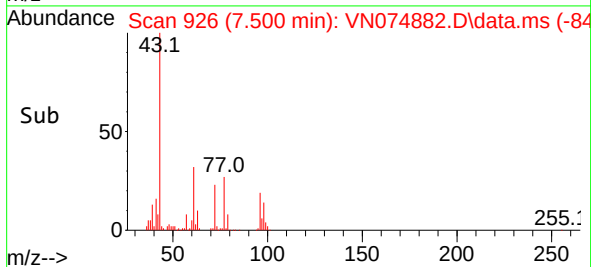
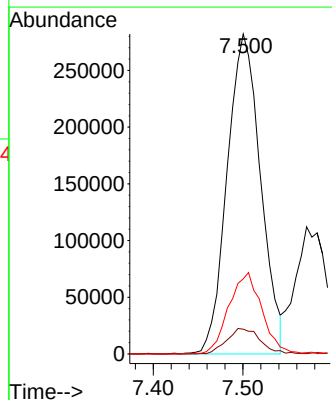
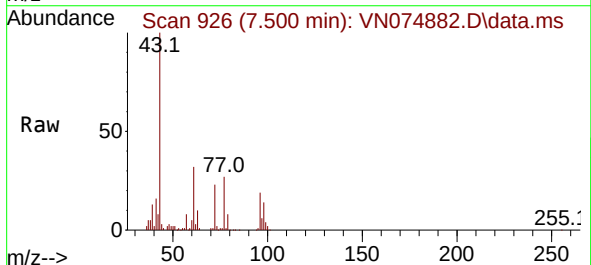
Delta R.T. -0.006 min

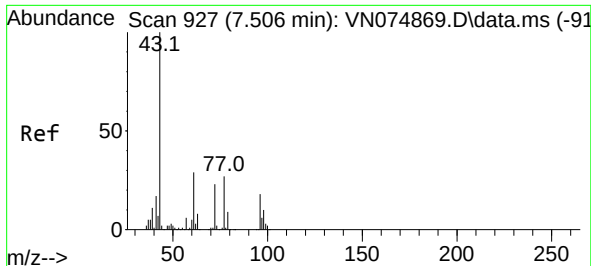
Lab File: VN074882.D

Acq: 12 Oct 2022 17:57

Tgt Ion: 43 Resp: 730410

Ion	Ratio	Lower	Upper
43	100		
57	7.9	6.3	9.5
72	25.1	21.0	31.4





#31

2,2-Dichloropropane

Concen: 20.229 ug/l

RT: 7.500 min Scan# 91

Delta R.T. -0.006 min

Lab File: VN074882.D

Acq: 12 Oct 2022 17:57

Instrument :

MSVOA_N

ClientSampleId :

VN1012WBS02

Tgt Ion: 77 Resp: 220380

Ion Ratio Lower Upper

77 100

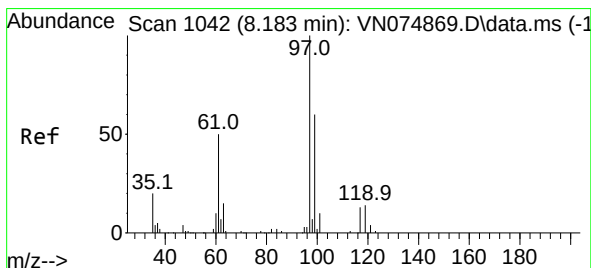
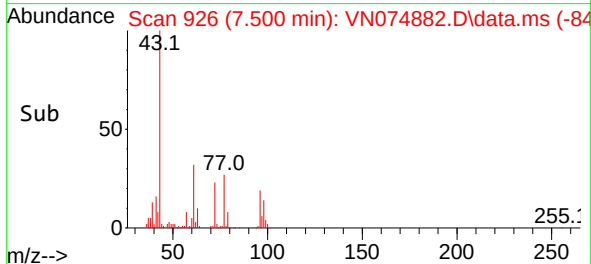
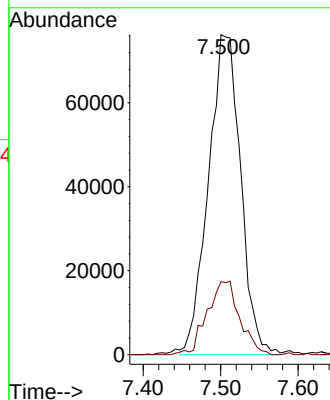
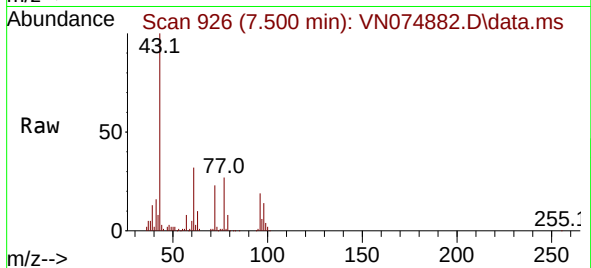
97 22.8 18.4 27.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/13/2022

Supervised By :Mahesh Dadoda 10/14/2022



#32

1,1,1-Trichloroethane

Concen: 19.691 ug/l

RT: 8.177 min Scan# 1041

Delta R.T. -0.006 min

Lab File: VN074882.D

Acq: 12 Oct 2022 17:57

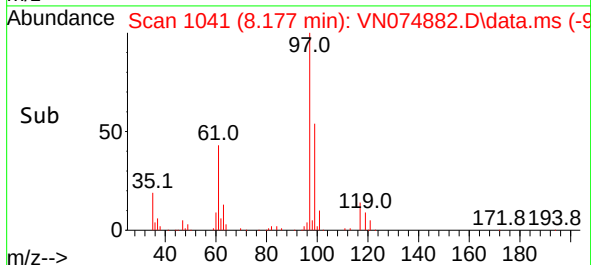
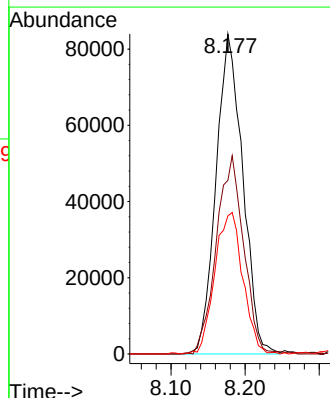
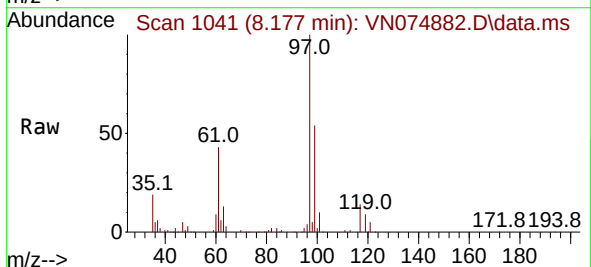
Tgt Ion: 97 Resp: 210169

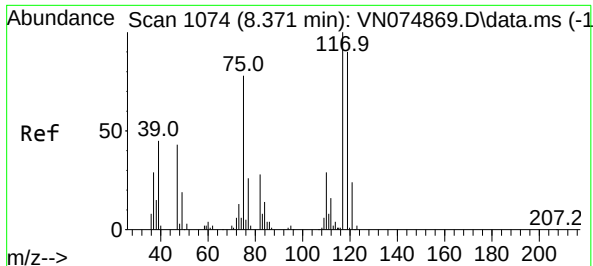
Ion Ratio Lower Upper

97 100

99 63.3 50.0 75.0

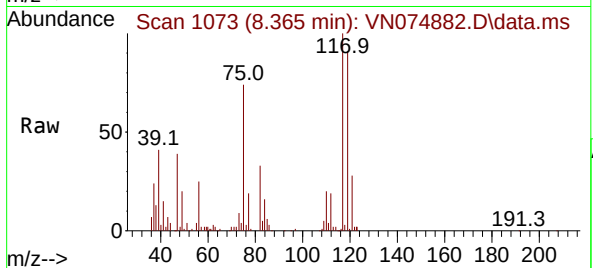
61 46.1 36.1 54.1





#33
Carbon Tetrachloride
Concen: 20.037 ug/l
RT: 8.365 min Scan# 1107
Delta R.T. -0.006 min
Lab File: VN074882.D
Acq: 12 Oct 2022 17:57

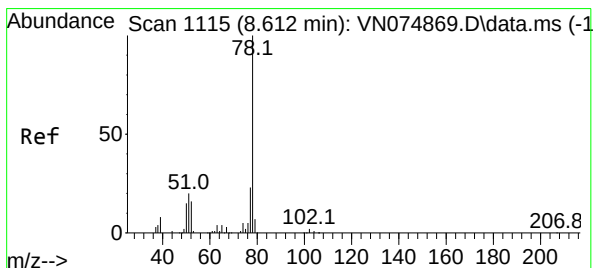
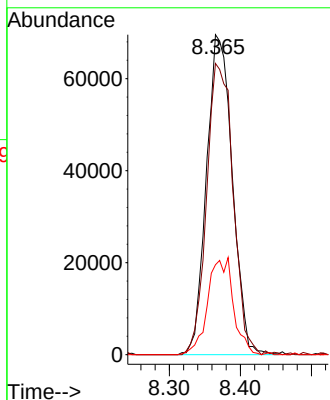
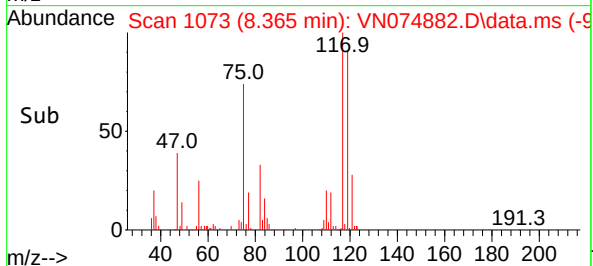
Instrument :
MSVOA_N
ClientSampleId :
VN1012WBS02



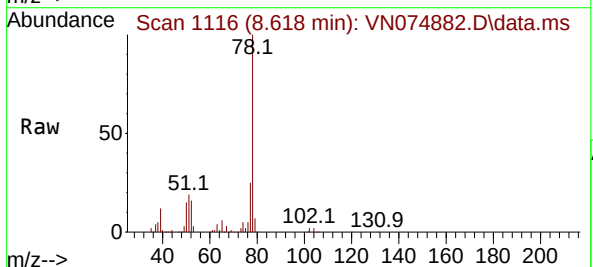
Tgt Ion: 117 Resp: 175630
Ion Ratio Lower Upper
117 100
119 91.0 77.8 116.6
121 28.1 27.6 41.4

Manual Integrations
APPROVED

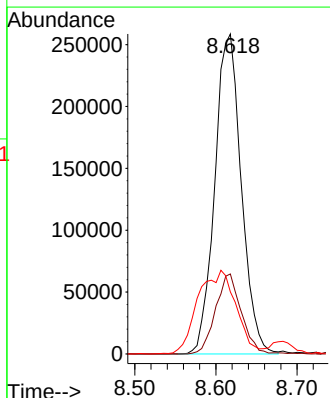
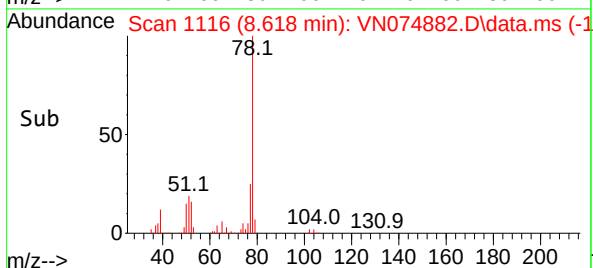
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/14/2022

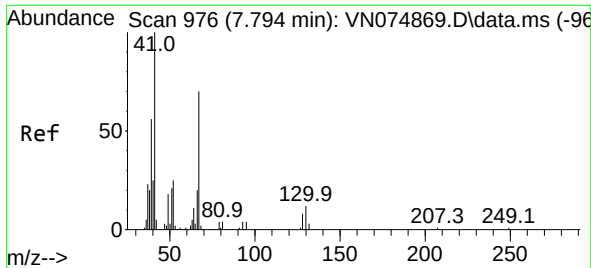


#34
Benzene
Concen: 19.980 ug/l
RT: 8.618 min Scan# 1116
Delta R.T. 0.006 min
Lab File: VN074882.D
Acq: 12 Oct 2022 17:57



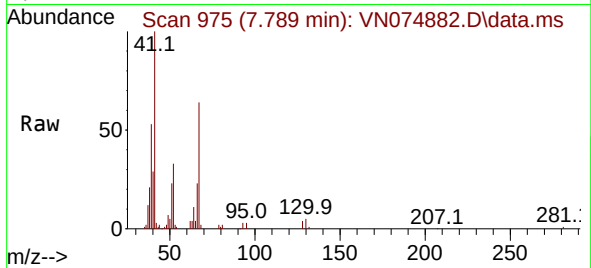
Tgt Ion: 78 Resp: 587813
Ion Ratio Lower Upper
78 100
77 25.0 19.9 29.9
51 18.0 21.1 31.7#





#35
Methacrylonitrile
Concen: 18.936 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN074882.D
Acq: 12 Oct 2022 17:57

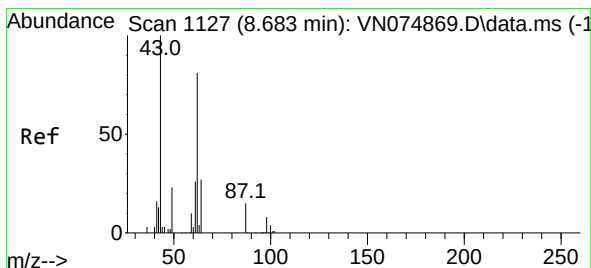
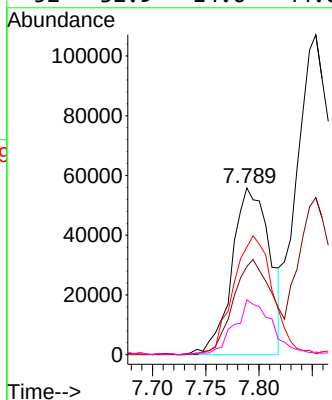
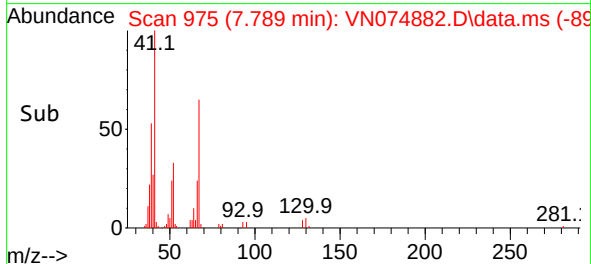
Instrument :
MSVOA_N
ClientSampleId :
VN1012WBS02



Tgt Ion: 41 Resp: 138199
Ion Ratio Lower Upper
41 100
39 52.9 27.7 83.1
67 64.4 38.0 113.9
52 32.9 14.6 44.0

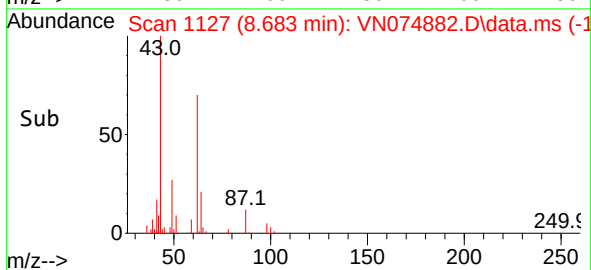
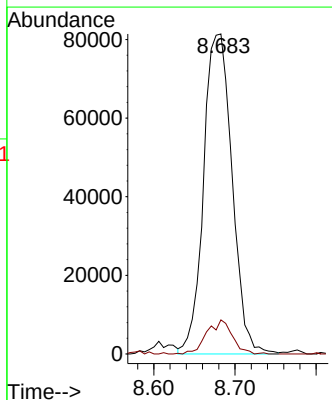
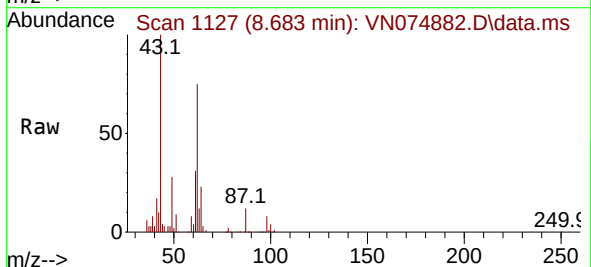
Manual Integrations
APPROVED

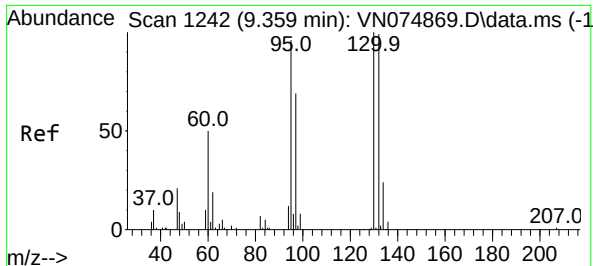
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/14/2022



#36
1,2-Dichloroethane
Concen: 20.279 ug/l
RT: 8.683 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VN074882.D
Acq: 12 Oct 2022 17:57

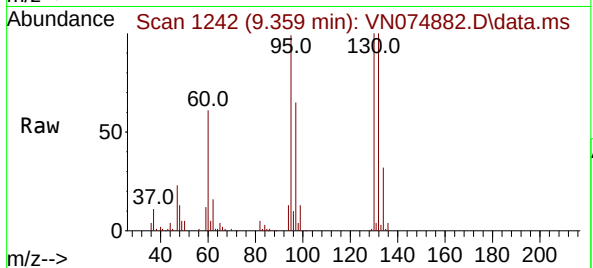
Tgt Ion: 62 Resp: 198674
Ion Ratio Lower Upper
62 100
98 5.1 7.4 11.2#





#37
 Trichloroethene
 Concen: 20.036 ug/l
 RT: 9.359 min Scan# 1242
 Delta R.T. -0.000 min
 Lab File: VN074882.D
 Acq: 12 Oct 2022 17:57

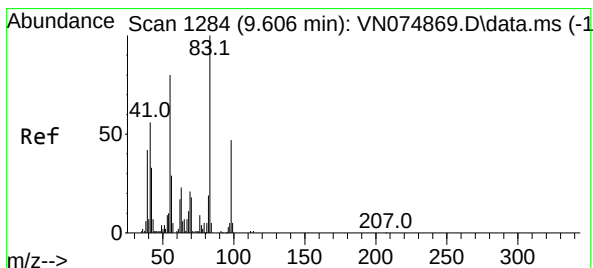
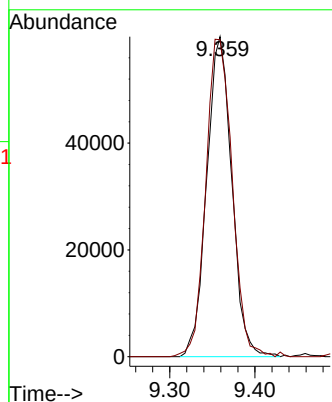
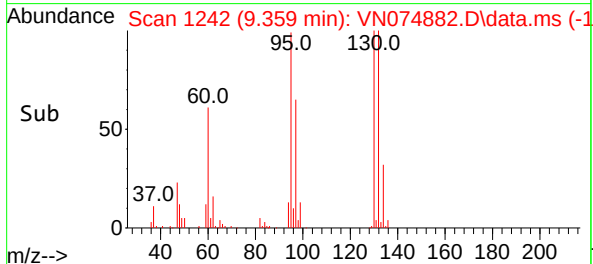
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1012WBS02



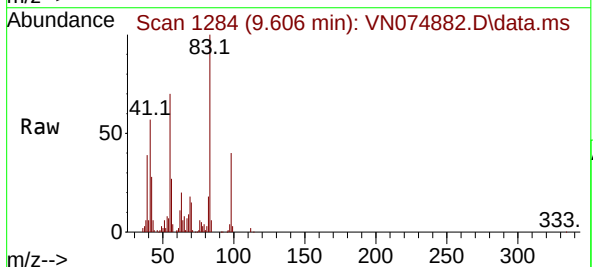
Tgt Ion:130 Resp: 122588
 Ion Ratio Lower Upper
 130 100
 95 98.1 75.9 113.9

Manual Integrations
 APPROVED

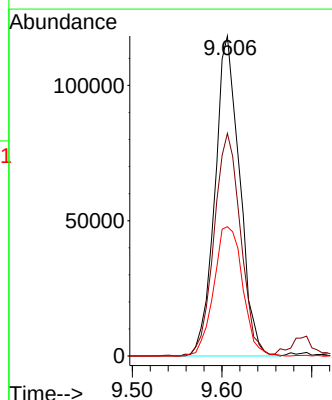
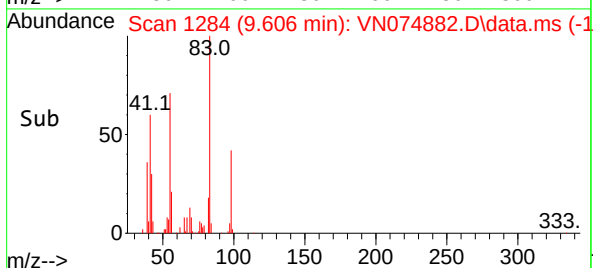
Reviewed By :John Carlone 10/13/2022
 Supervised By :Mahesh Dadoda 10/14/2022

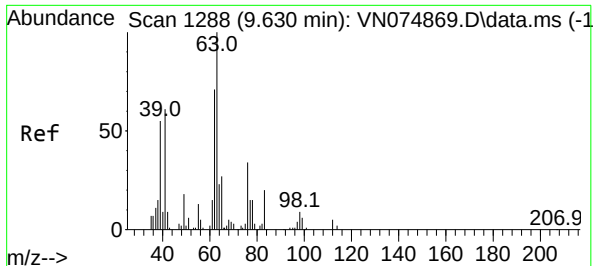


#38
 Methylcyclohexane
 Concen: 20.926 ug/l
 RT: 9.606 min Scan# 1284
 Delta R.T. -0.000 min
 Lab File: VN074882.D
 Acq: 12 Oct 2022 17:57



Tgt Ion: 83 Resp: 226257
 Ion Ratio Lower Upper
 83 100
 55 74.4 37.4 112.2
 98 47.2 24.5 73.5





#39

1,2-Dichloropropane

Concen: 21.022 ug/l

RT: 9.624 min Scan# 1287

Delta R.T. -0.006 min

Lab File: VN074882.D

Acq: 12 Oct 2022 17:57

Instrument :

MSVOA_N

ClientSampleId :

VN1012WBS02

Tgt Ion: 63 Resp: 160330

Ion Ratio Lower Upper

63 100

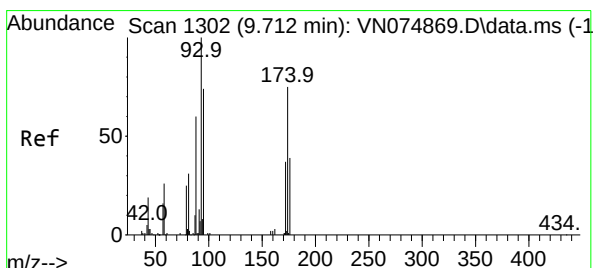
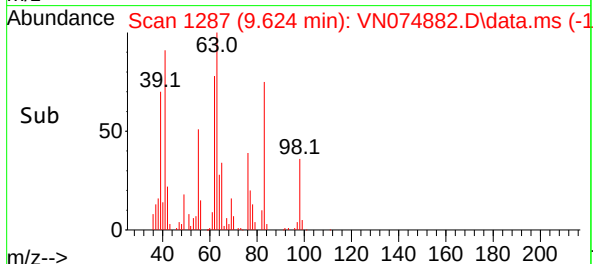
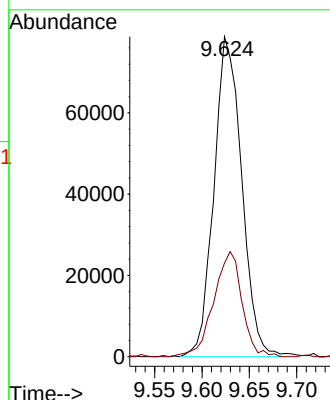
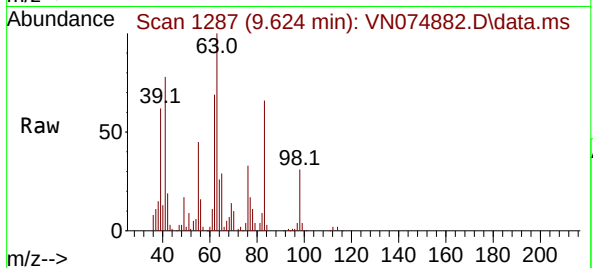
65 29.3 25.0 37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/13/2022

Supervised By :Mahesh Dadoda 10/14/2022



#40

Dibromomethane

Concen: 19.951 ug/l

RT: 9.712 min Scan# 1302

Delta R.T. -0.000 min

Lab File: VN074882.D

Acq: 12 Oct 2022 17:57

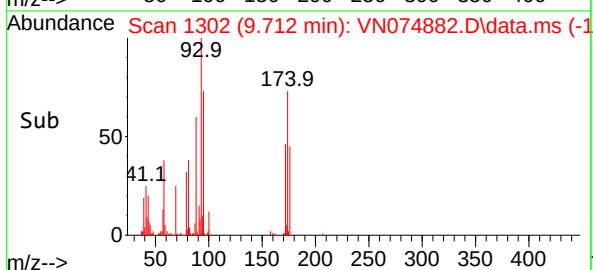
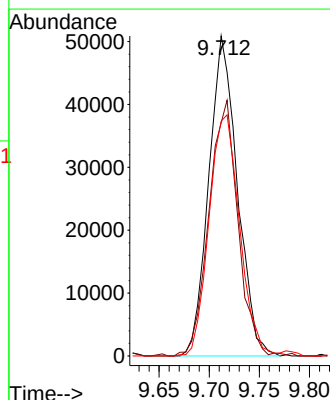
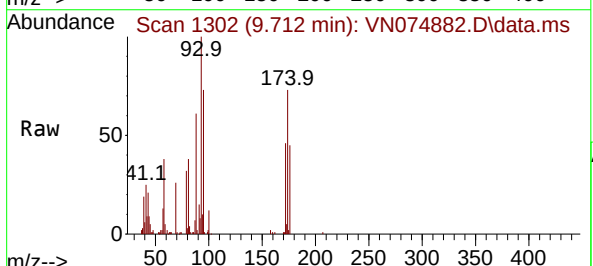
Tgt Ion: 93 Resp: 100833

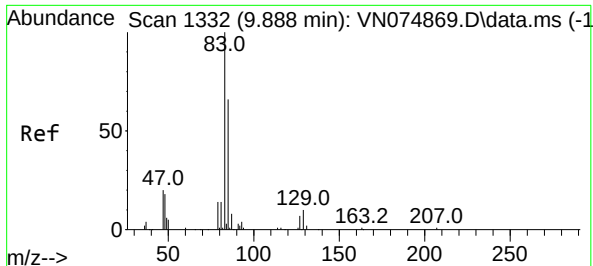
Ion Ratio Lower Upper

93 100

95 80.5 0.0 168.0

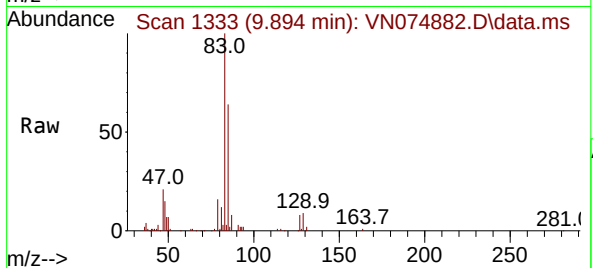
174 80.3 0.0 158.4





#41
Bromodichloromethane
Concen: 20.747 ug/l
RT: 9.894 min Scan# 1333
Delta R.T. 0.006 min
Lab File: VN074882.D
Acq: 12 Oct 2022 17:57

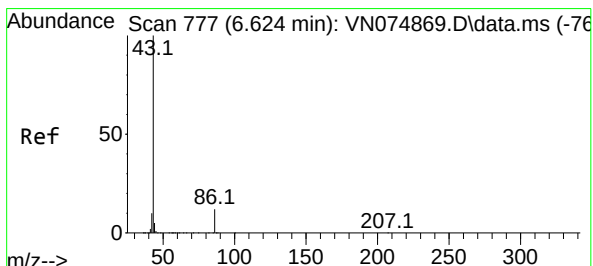
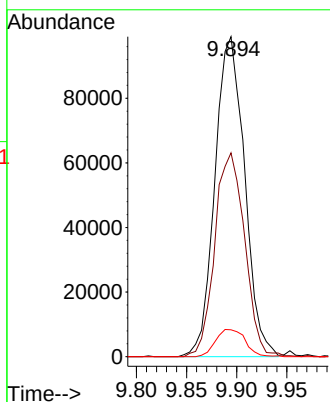
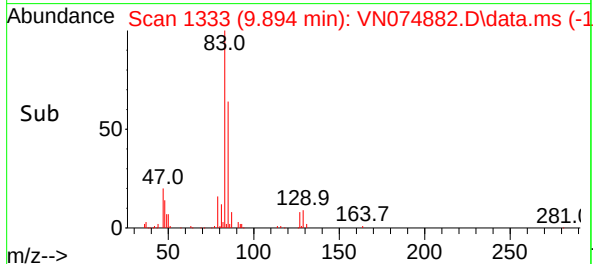
Instrument :
MSVOA_N
ClientSampleId :
VN1012WBS02



Tgt Ion: 83 Resp: 204199
Ion Ratio Lower Upper
83 100
85 63.7 50.2 75.4
127 8.4 5.1 7.7

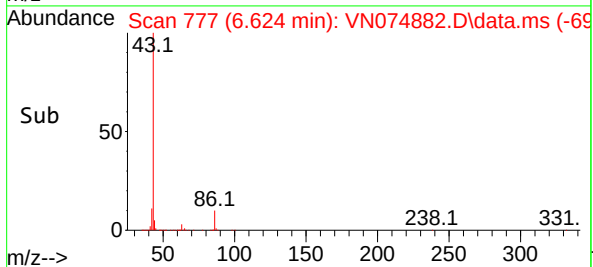
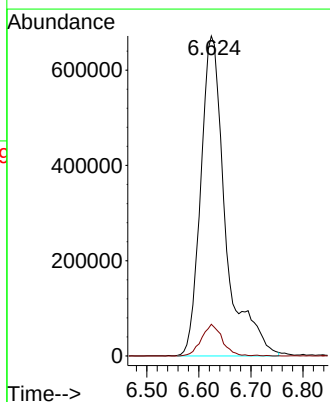
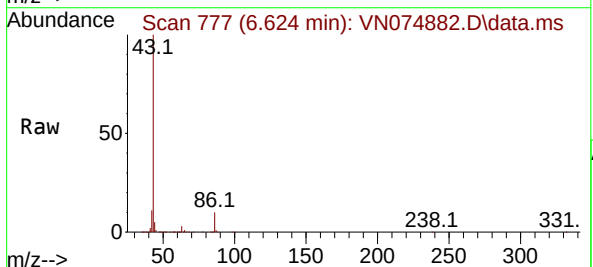
Manual Integrations
APPROVED

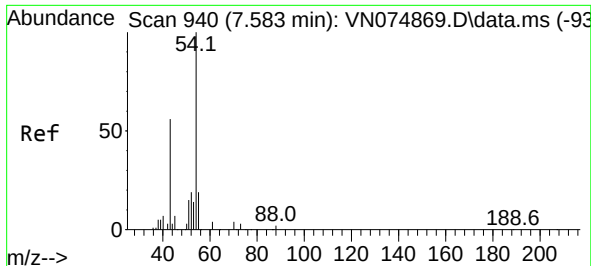
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/14/2022



#42
Vinyl Acetate
Concen: 105.044 ug/l m
RT: 6.624 min Scan# 777
Delta R.T. -0.000 min
Lab File: VN074882.D
Acq: 12 Oct 2022 17:57

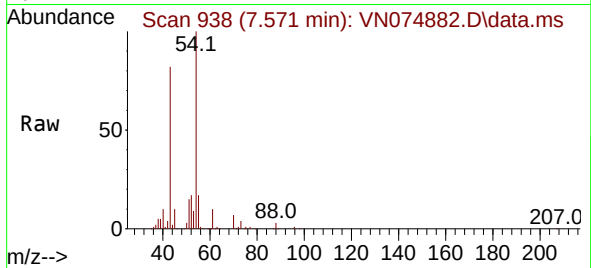
Tgt Ion: 43 Resp: 2222060
Ion Ratio Lower Upper
43 100
86 8.3 7.5 11.3





#43
Ethyl Acetate
Concen: 20.064 ug/l
RT: 7.571 min Scan# 911
Delta R.T. -0.012 min
Lab File: VN074882.D
Acq: 12 Oct 2022 17:57

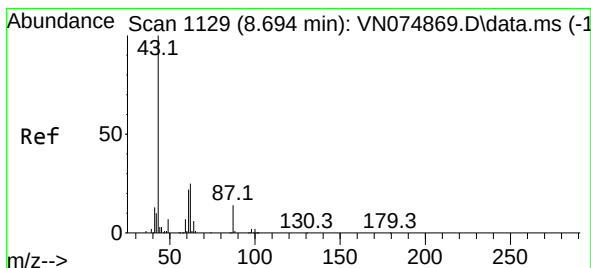
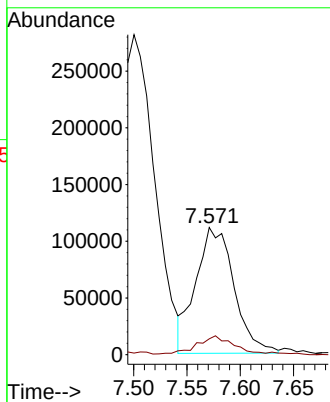
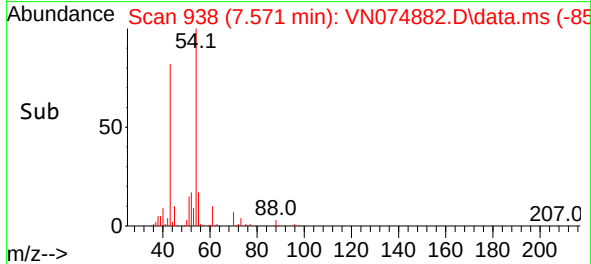
Instrument :
MSVOA_N
ClientSampleId :
VN1012WBS02



Tgt Ion: 43 Resp: 277019
Ion Ratio Lower Upper
43 100
45 12.7 11.5 17.3

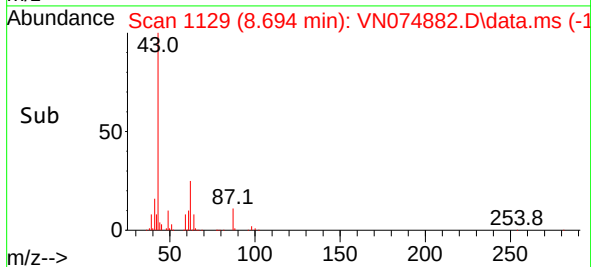
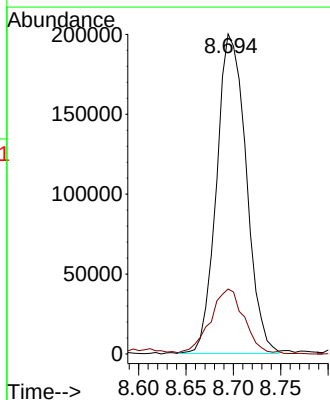
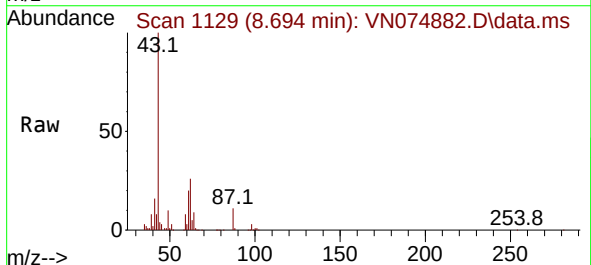
Manual Integrations
APPROVED

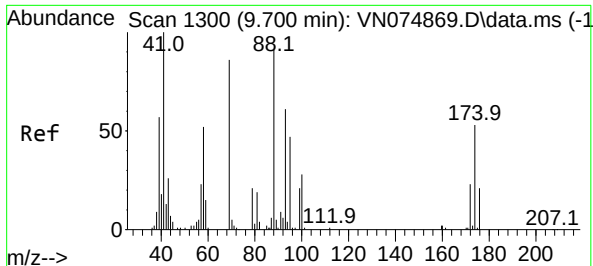
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/14/2022



#44
Isopropyl Acetate
Concen: 20.359 ug/l
RT: 8.694 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VN074882.D
Acq: 12 Oct 2022 17:57

Tgt Ion: 43 Resp: 434693
Ion Ratio Lower Upper
43 100
61 23.2 19.5 29.3





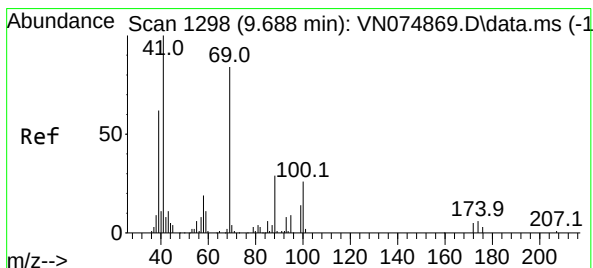
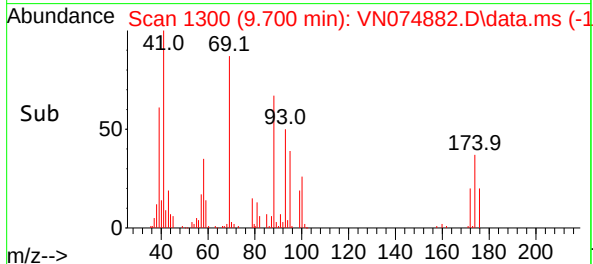
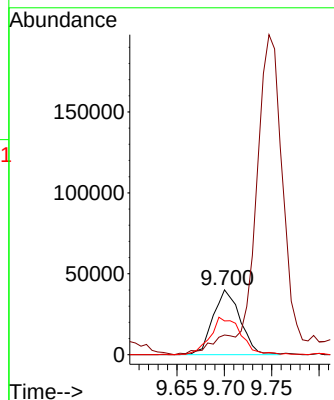
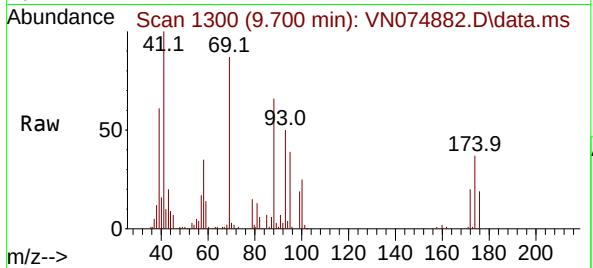
#45
1,4-Dioxane
Concen: 410.470 ug/l
RT: 9.700 min Scan# 1300
Delta R.T. -0.000 min
Lab File: VN074882.D
Acq: 12 Oct 2022 17:57

Instrument :
MSVOA_N
ClientSampleId :
VN1012WBS02

Tgt Ion: 88 Resp: 8036
Ion Ratio Lower Upper
88 100
43 20.2 25.7 38.5
58 63.2 53.4 80.2

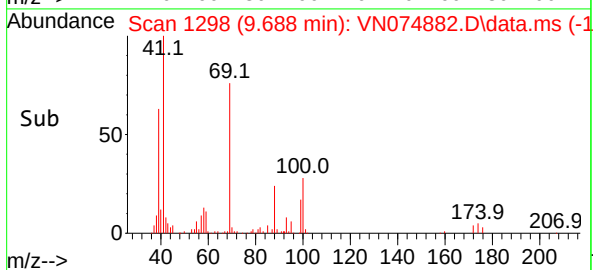
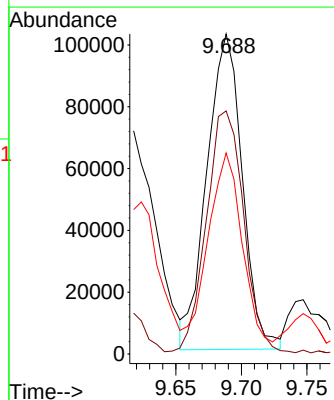
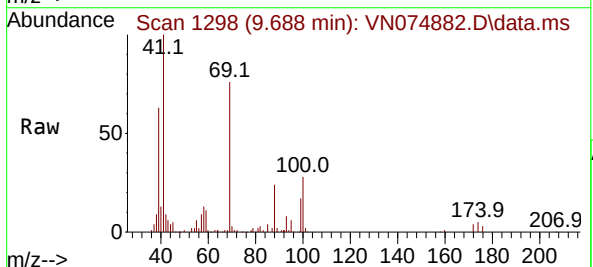
Manual Integrations
APPROVED

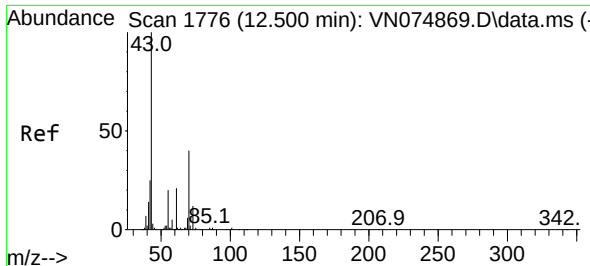
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/14/2022



#46
Methyl methacrylate
Concen: 20.703 ug/l
RT: 9.688 min Scan# 1298
Delta R.T. -0.000 min
Lab File: VN074882.D
Acq: 12 Oct 2022 17:57

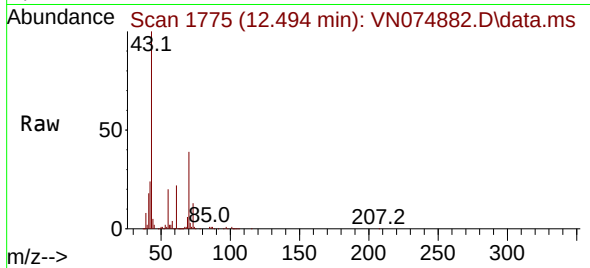
Tgt Ion: 41 Resp: 191437
Ion Ratio Lower Upper
41 100
69 78.5 45.6 136.7
39 59.8 32.3 96.9





#47
n-amy1 Acetate
Concen: 19.390 ug/l
RT: 12.494 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN074882.D
Acq: 12 Oct 2022 17:57

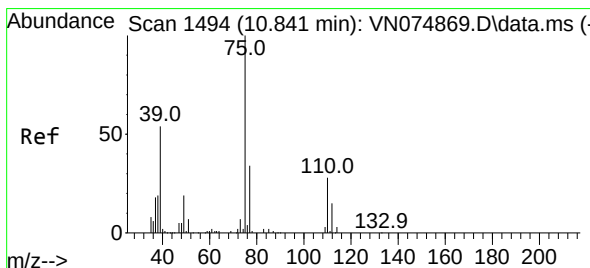
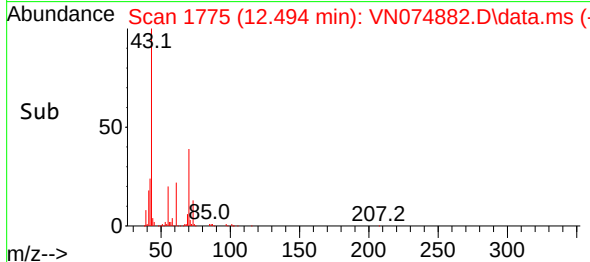
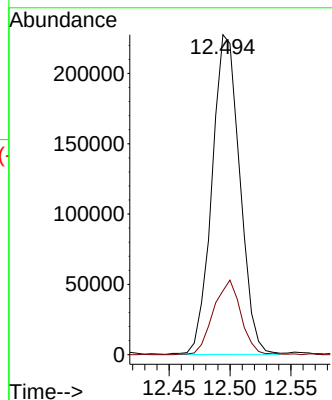
Instrument :
MSVOA_N
ClientSampleId :
VN1012WBS02



Tgt Ion: 43 Resp: 362224
Ion Ratio Lower Upper
43 100
55 22.9 16.8 25.2

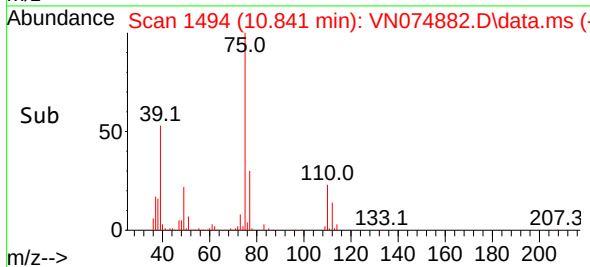
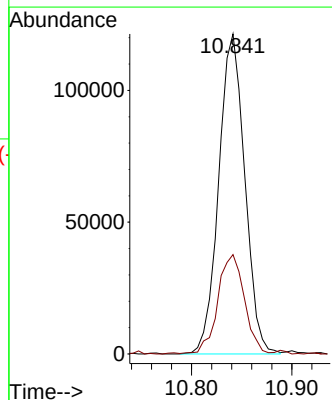
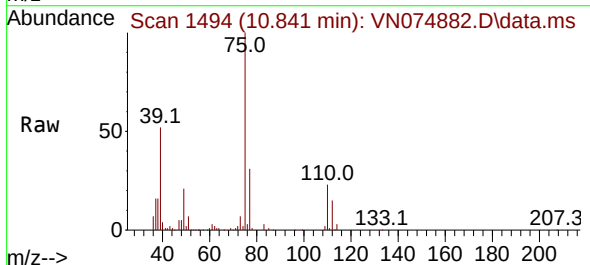
Manual Integrations
APPROVED

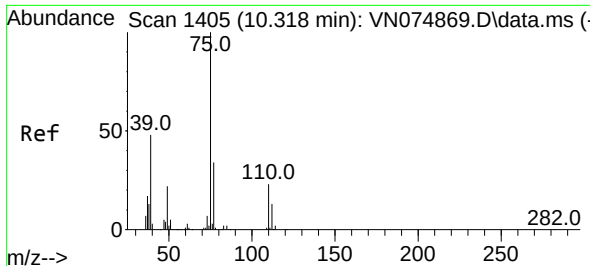
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/14/2022



#48
t-1,3-Dichloropropene
Concen: 19.409 ug/l
RT: 10.841 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VN074882.D
Acq: 12 Oct 2022 17:57

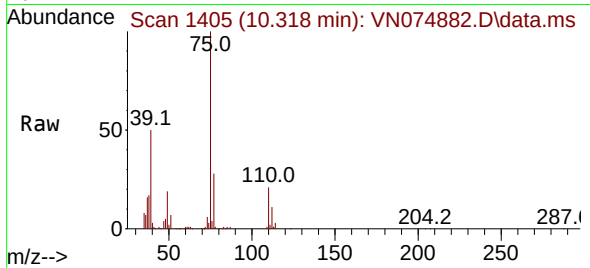
Tgt Ion: 75 Resp: 219175
Ion Ratio Lower Upper
75 100
77 30.9 25.8 38.8





#49
 cis-1,3-Dichloropropene
 Concen: 20.397 ug/l
 RT: 10.318 min Scan# 1405
 Delta R.T. -0.000 min
 Lab File: VN074882.D
 Acq: 12 Oct 2022 17:57

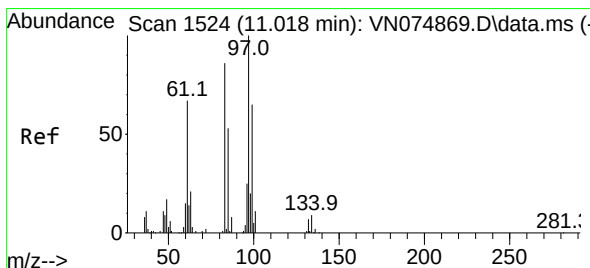
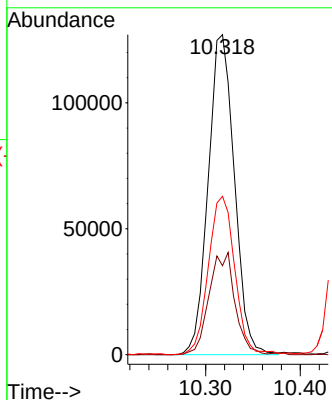
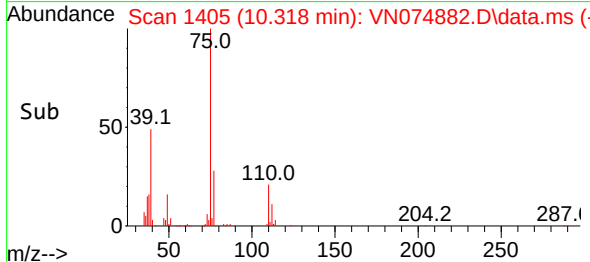
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1012WBS02



Tgt Ion: 75 Resp: 244249
 Ion Ratio Lower Upper
 75 100
 77 27.7 22.5 33.7
 39 49.3 37.6 56.4

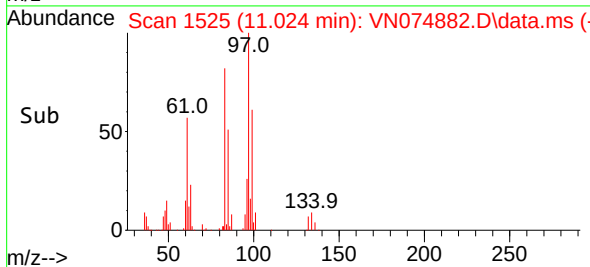
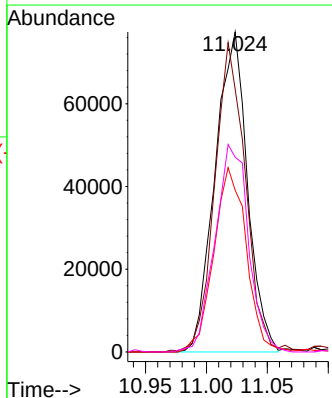
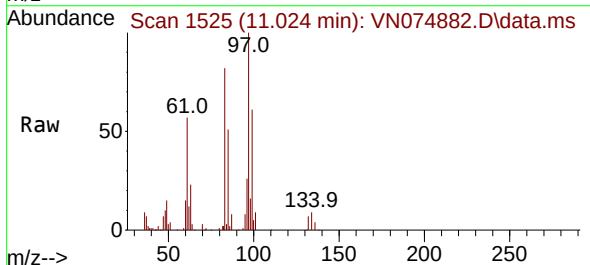
Manual Integrations
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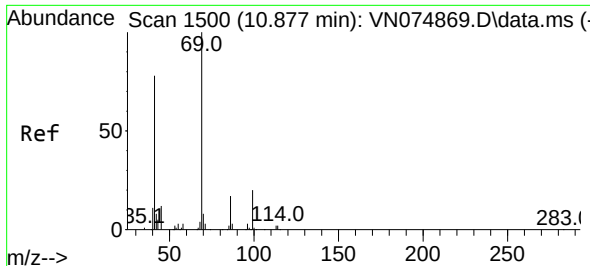
Reviewed By :John Carlone 10/13/2022
 Supervised By :Mahesh Dadoda 10/14/2022



#50
 1,1,2-Trichloroethane
 Concen: 19.208 ug/l
 RT: 11.024 min Scan# 1525
 Delta R.T. 0.006 min
 Lab File: VN074882.D
 Acq: 12 Oct 2022 17:57

Tgt Ion: 97 Resp: 142852
 Ion Ratio Lower Upper
 97 100
 83 81.8 69.2 103.8
 85 50.6 41.4 62.2
 99 60.3 46.3 69.5





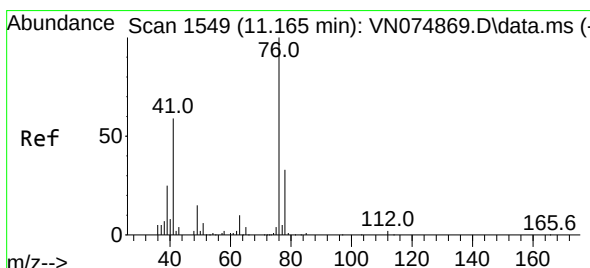
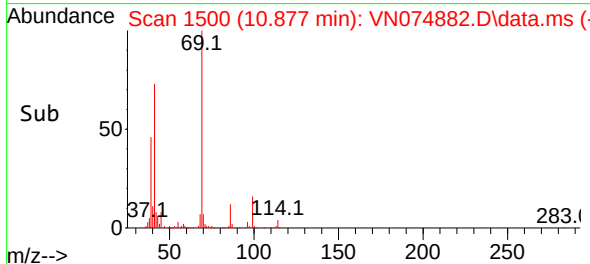
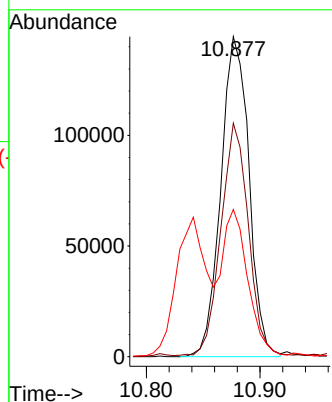
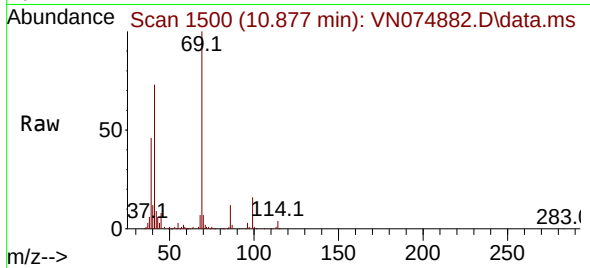
#51
Ethyl methacrylate
Concen: 19.635 ug/l
RT: 10.877 min Scan# 1500
Delta R.T. -0.000 min
Lab File: VN074882.D
Acq: 12 Oct 2022 17:57

Instrument :
MSVOA_N
ClientSampleId :
VN1012WBS02

Tgt Ion: 69 Resp: 248312
Ion Ratio Lower Upper
69 100
41 72.5 32.5 97.5
39 45.3 21.5 64.5

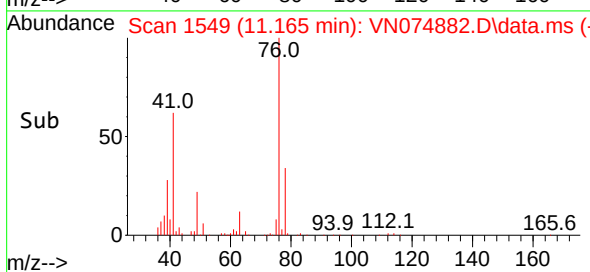
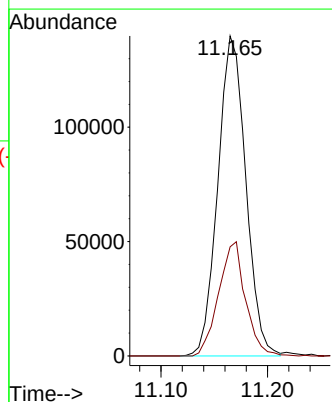
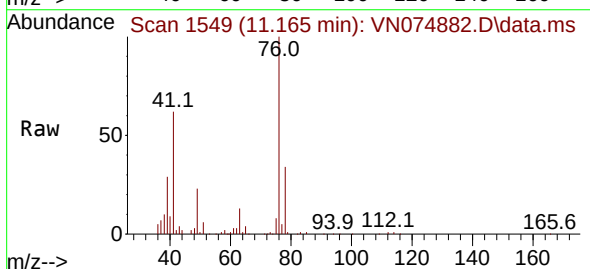
Manual Integrations
APPROVED

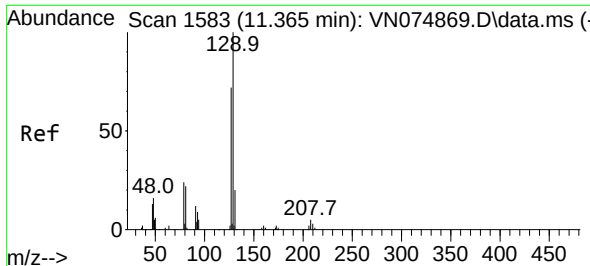
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/14/2022



#52
1,3-Dichloropropane
Concen: 19.858 ug/l
RT: 11.165 min Scan# 1549
Delta R.T. -0.000 min
Lab File: VN074882.D
Acq: 12 Oct 2022 17:57

Tgt Ion: 76 Resp: 254909
Ion Ratio Lower Upper
76 100
78 34.3 0.0 63.8





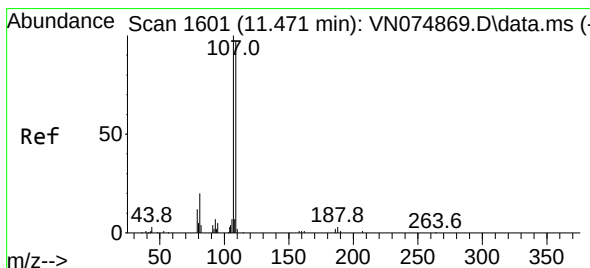
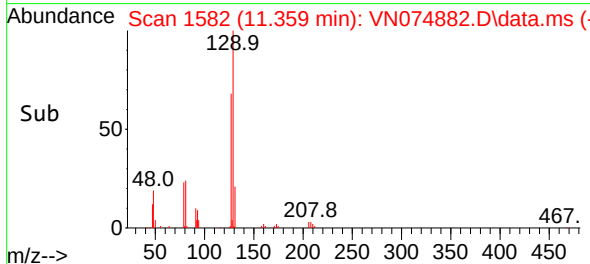
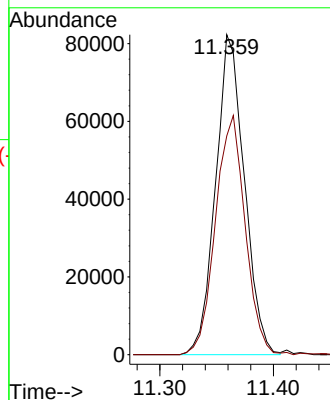
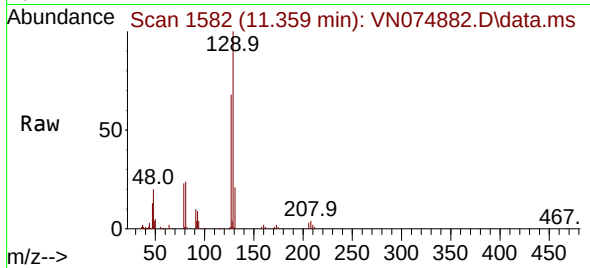
#53
Dibromochloromethane
Concen: 19.869 ug/l
RT: 11.359 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN074882.D
Acq: 12 Oct 2022 17:57

Instrument :
MSVOA_N
ClientSampleId :
VN1012WBS02

Tgt Ion:129 Resp: 14477
Ion Ratio Lower Upper
129 100
127 77.0 40.6 121.7

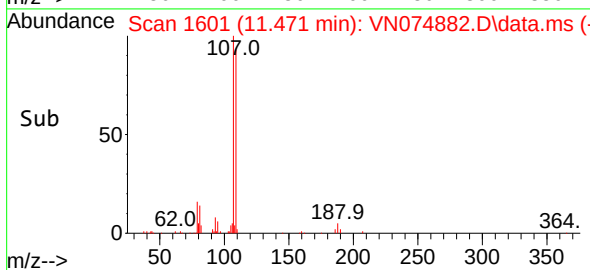
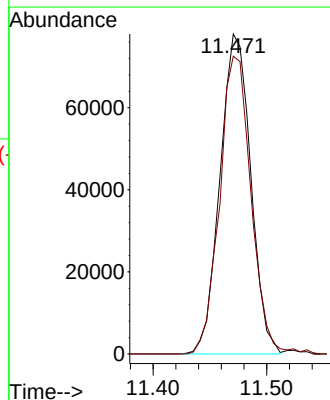
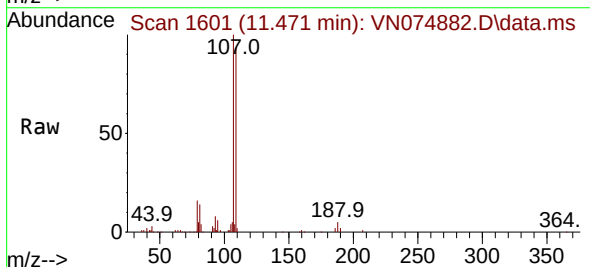
Manual Integrations
APPROVED

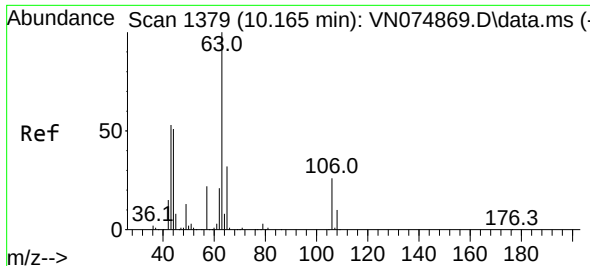
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/14/2022



#54
1,2-Dibromoethane
Concen: 20.509 ug/l
RT: 11.471 min Scan# 1601
Delta R.T. -0.000 min
Lab File: VN074882.D
Acq: 12 Oct 2022 17:57

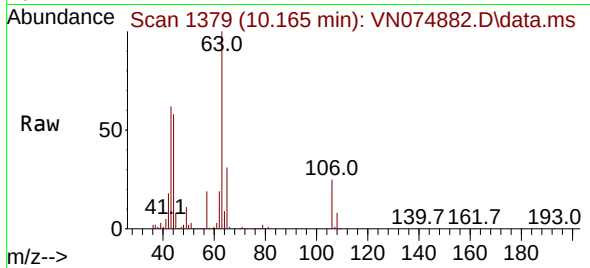
Tgt Ion:107 Resp: 146549
Ion Ratio Lower Upper
107 100
109 94.5 76.2 114.2





#55
2-Chloroethyl vinyl ether
Concen: 91.342 ug/l
RT: 10.165 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN074882.D
Acq: 12 Oct 2022 17:57

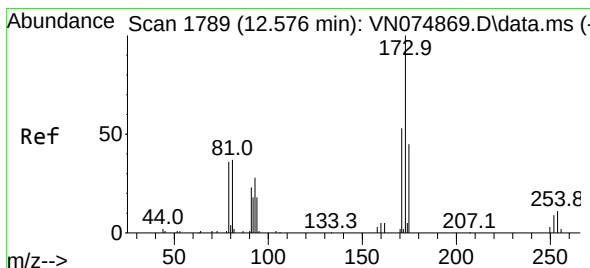
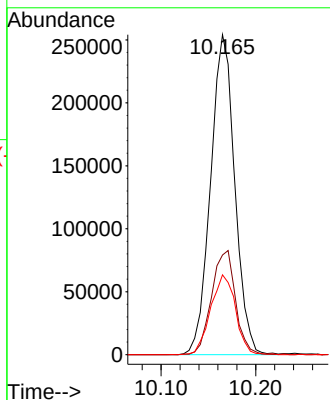
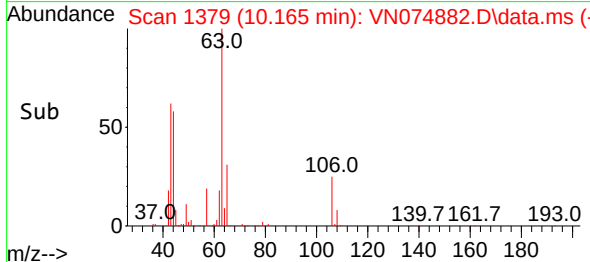
Instrument :
MSVOA_N
ClientSampleId :
VN1012WBS02



Tgt Ion: 63 Resp: 45185
Ion Ratio Lower Upper
63 100
65 32.2 24.6 36.8
106 25.6 21.3 31.9

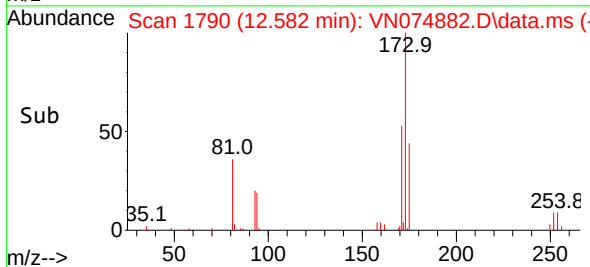
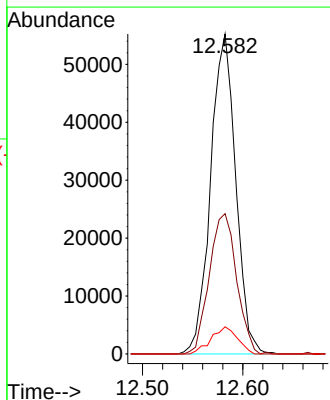
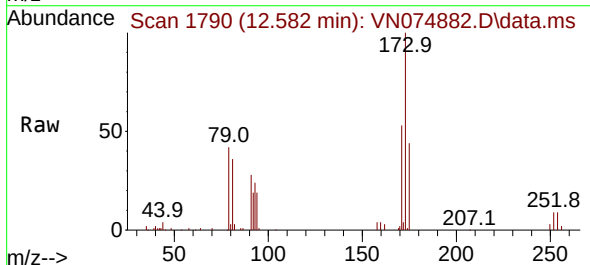
Manual Integrations
APPROVED

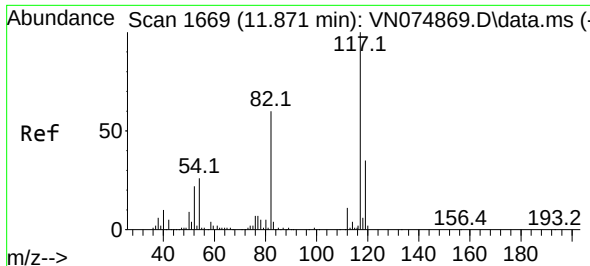
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/14/2022



#56
Bromoform
Concen: 18.282 ug/l
RT: 12.582 min Scan# 1790
Delta R.T. 0.006 min
Lab File: VN074882.D
Acq: 12 Oct 2022 17:57

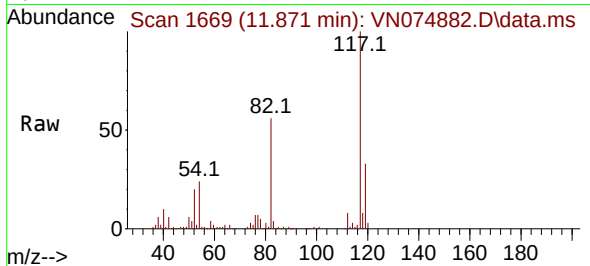
Tgt Ion:173 Resp: 95995
Ion Ratio Lower Upper
173 100
175 47.6 39.1 58.7
254 8.9 7.0 10.6





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.871 min Scan# 1669
Delta R.T. -0.000 min
Lab File: VN074882.D
Acq: 12 Oct 2022 17:57

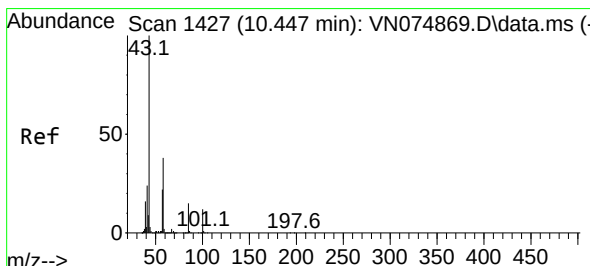
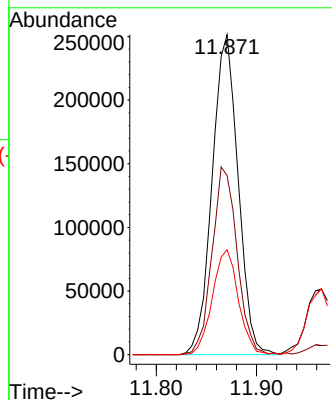
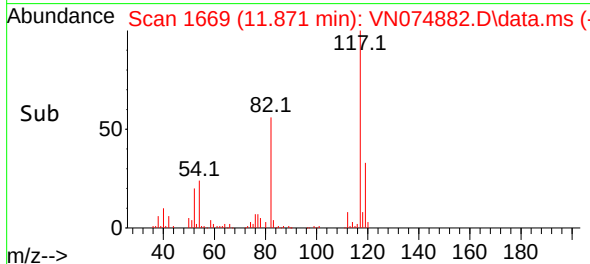
Instrument :
MSVOA_N
ClientSampleId :
VN1012WBS02



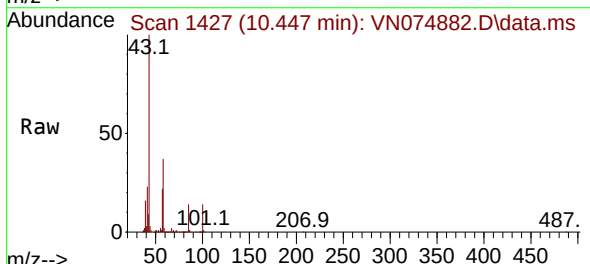
Tgt Ion:117 Resp: 451819
Ion Ratio Lower Upper
117 100
82 56.8 44.6 67.0
119 32.9 25.6 38.4

Manual Integrations
APPROVED

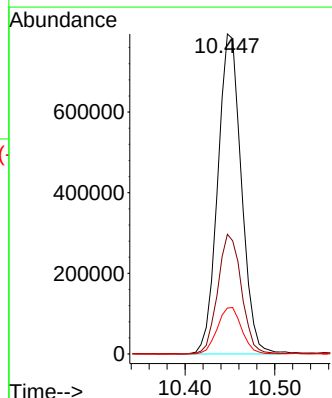
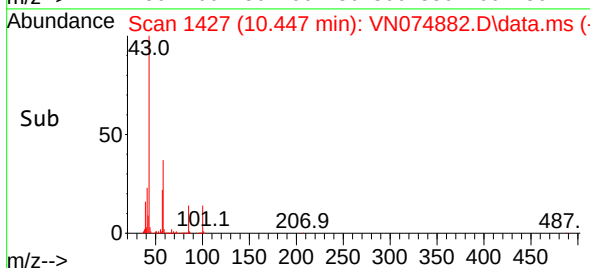
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/14/2022

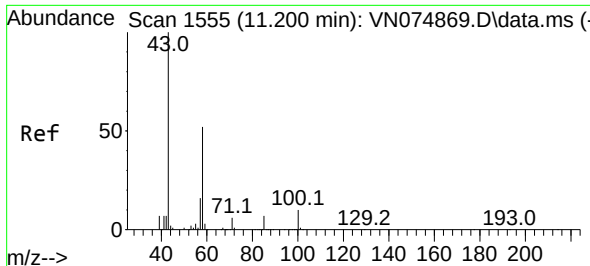


#58
4-Methyl-2-Pentanone
Concen: 103.254 ug/l
RT: 10.447 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VN074882.D
Acq: 12 Oct 2022 17:57



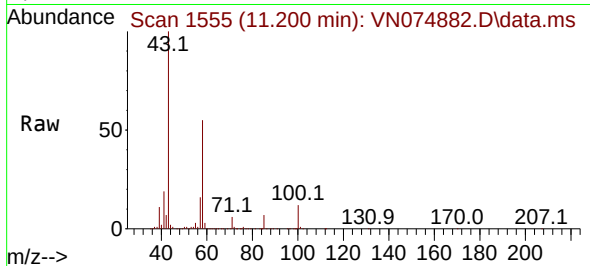
Tgt Ion: 43 Resp: 1450882
Ion Ratio Lower Upper
43 100
58 37.5 30.8 46.2
85 15.0 13.3 19.9





#59
2-Hexanone
Concen: 102.444 ug/l
RT: 11.200 min Scan# 1155
Delta R.T. -0.000 min
Lab File: VN074882.D
Acq: 12 Oct 2022 17:57

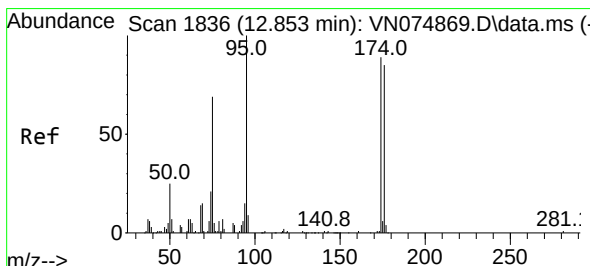
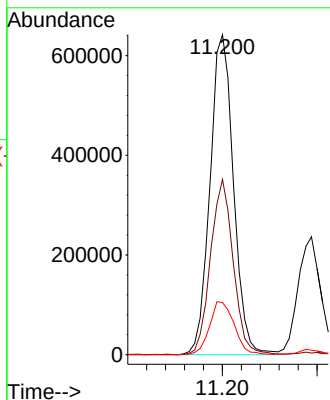
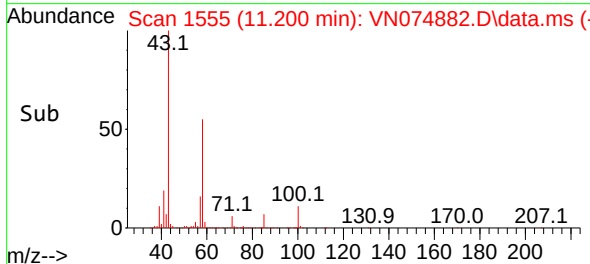
Instrument :
MSVOA_N
ClientSampleId :
VN1012WBS02



Tgt Ion: 43 Resp: 110784
Ion Ratio Lower Upper
43 100
58 52.9 43.6 65.4
57 17.4 14.3 21.5

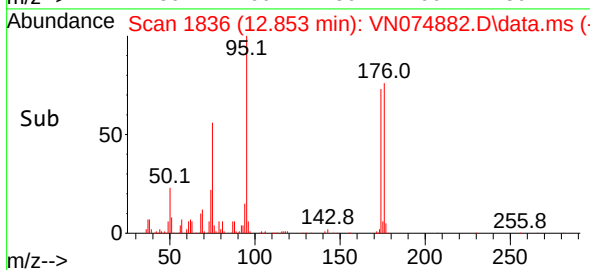
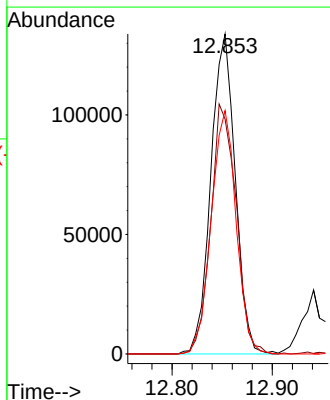
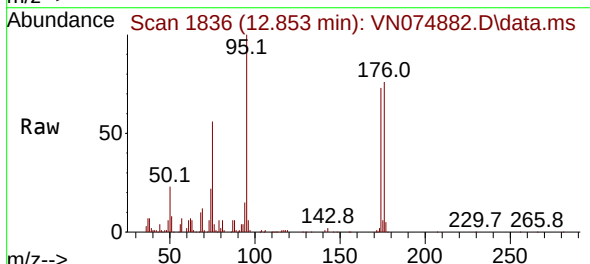
Manual Integrations
APPROVED

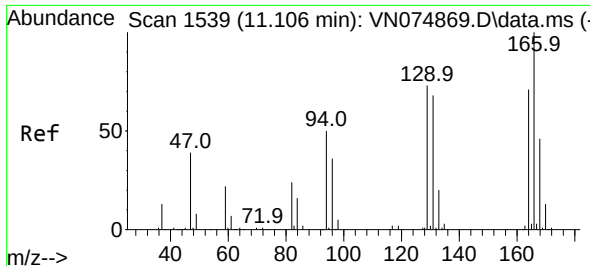
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/14/2022



#60
4-Bromofluorobenzene
Concen: 28.231 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VN074882.D
Acq: 12 Oct 2022 17:57

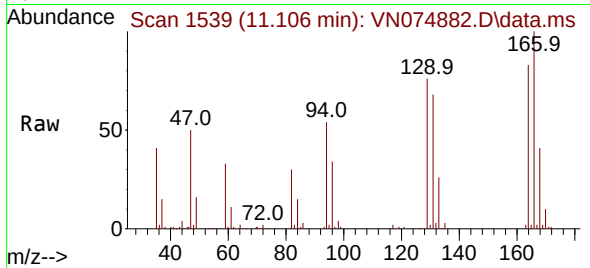
Tgt Ion: 95 Resp: 226200
Ion Ratio Lower Upper
95 100
174 81.1 57.8 86.8
176 77.9 57.0 85.4





#61
Tetrachloroethene
Concen: 20.779 ug/l
RT: 11.106 min Scan# 1539
Delta R.T. -0.000 min
Lab File: VN074882.D
Acq: 12 Oct 2022 17:57

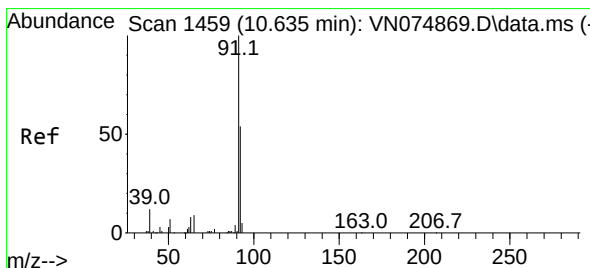
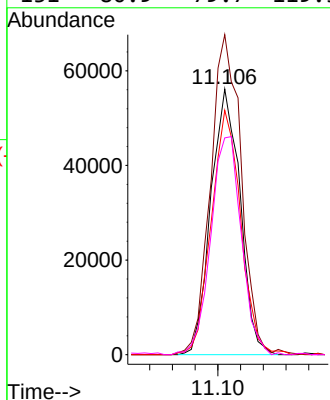
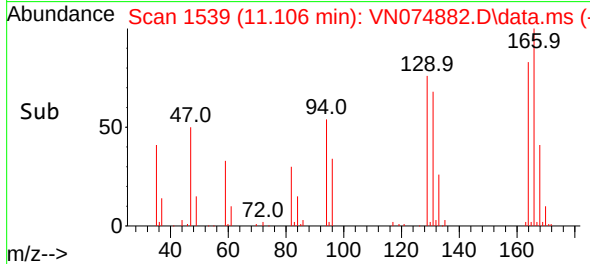
Instrument :
MSVOA_N
ClientSampleId :
VN1012WBS02



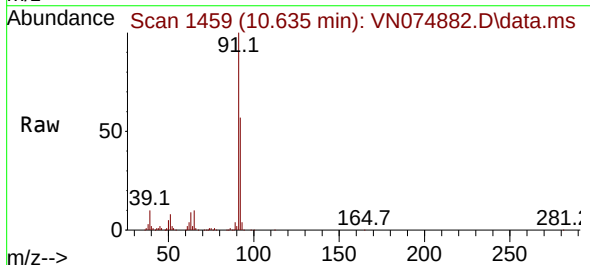
Tgt Ion:164 Resp: 10008
Ion Ratio Lower Upper
164 100
166 119.8 99.6 149.4
129 91.2 84.0 126.0
131 80.9 79.7 119.5

Manual Integrations
APPROVED

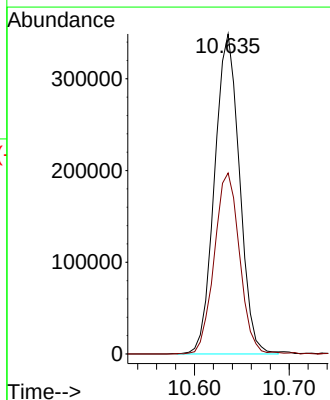
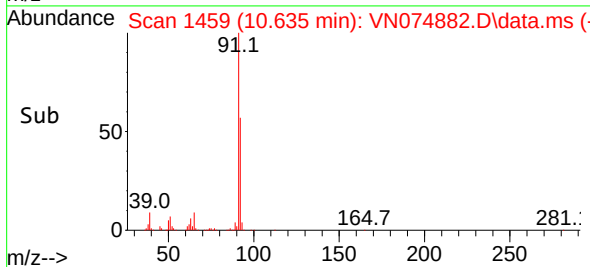
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/14/2022

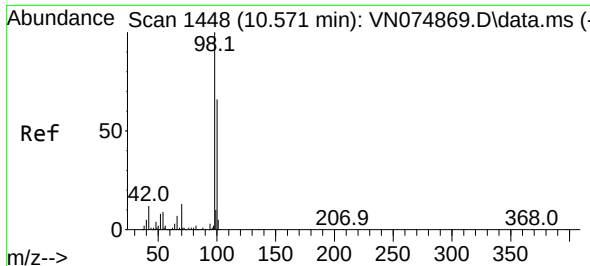


#62
Toluene
Concen: 20.457 ug/l
RT: 10.635 min Scan# 1459
Delta R.T. -0.000 min
Lab File: VN074882.D
Acq: 12 Oct 2022 17:57



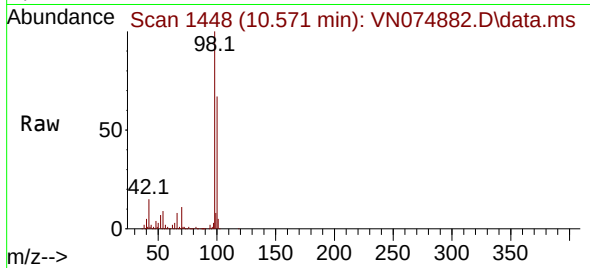
Tgt Ion: 91 Resp: 638573
Ion Ratio Lower Upper
91 100
92 57.1 46.0 69.0





#63
Toluene-d8
Concen: 31.198 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN074882.D
Acq: 12 Oct 2022 17:57

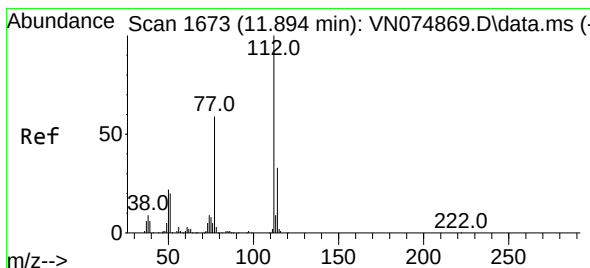
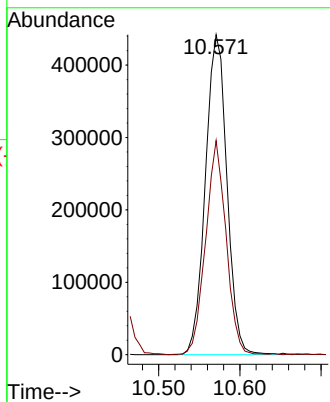
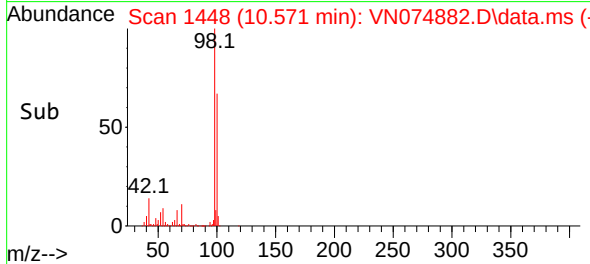
Instrument :
MSVOA_N
ClientSampleId :
VN1012WBS02



Tgt Ion: 98 Resp: 813550
Ion Ratio Lower Upper
98 100
100 63.2 52.7 79.1

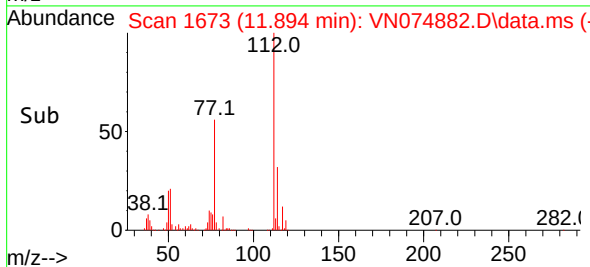
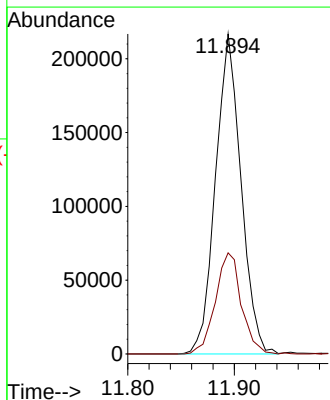
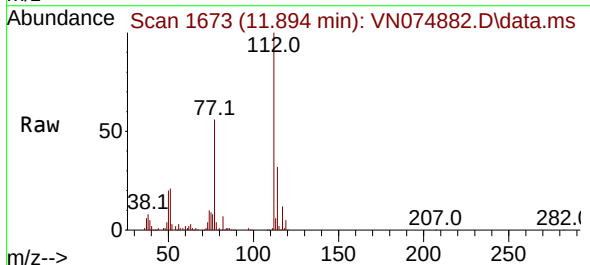
Manual Integrations
APPROVED

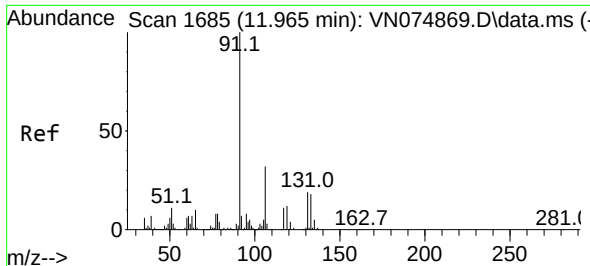
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/14/2022



#64
Chlorobenzene
Concen: 20.281 ug/l
RT: 11.894 min Scan# 1673
Delta R.T. -0.000 min
Lab File: VN074882.D
Acq: 12 Oct 2022 17:57

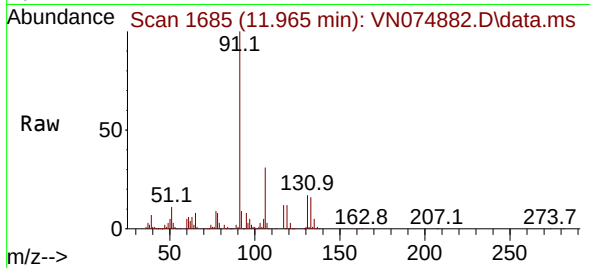
Tgt Ion:112 Resp: 359843
Ion Ratio Lower Upper
112 100
114 31.6 24.7 37.1





#65
1,1,1,2-Tetrachloroethane
Concen: 20.104 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN074882.D
Acq: 12 Oct 2022 17:57

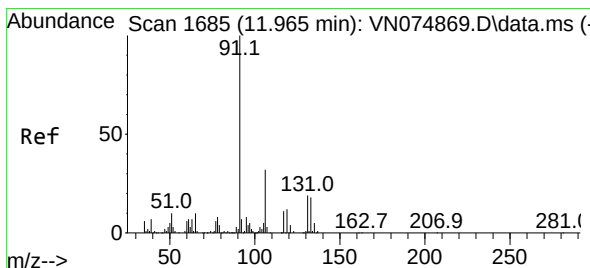
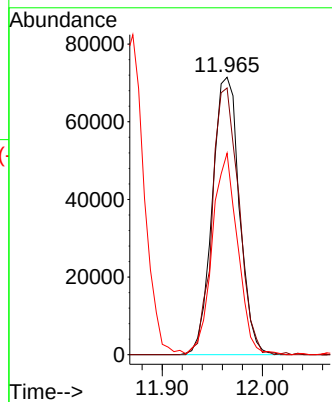
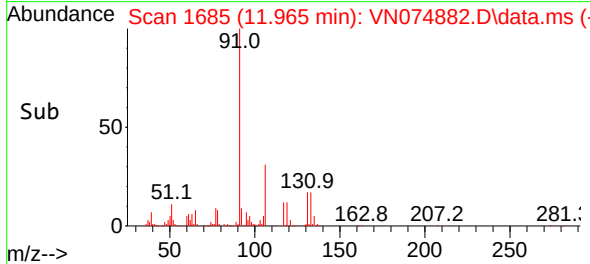
Instrument :
MSVOA_N
ClientSampleId :
VN1012WBS02



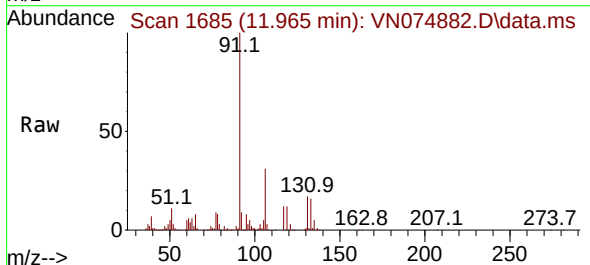
Tgt Ion:131 Resp: 13435
Ion Ratio Lower Upper
131 100
133 94.6 0.0 191.8
119 68.1 0.0 135.8

Manual Integrations
APPROVED

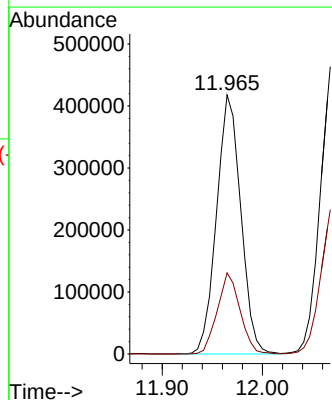
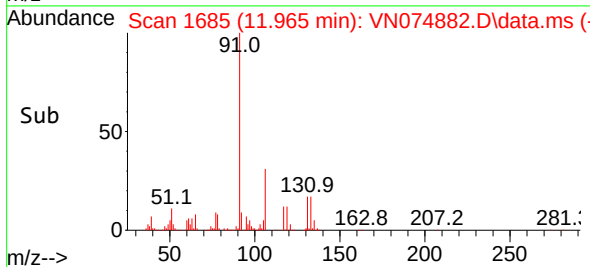
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/14/2022

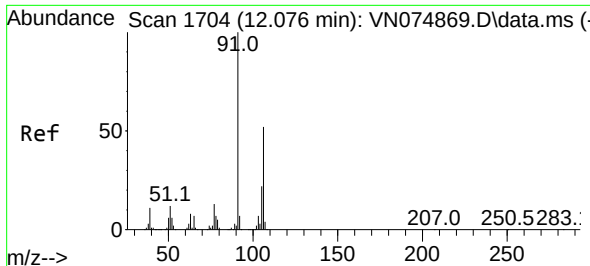


#66
Ethyl Benzene
Concen: 20.687 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN074882.D
Acq: 12 Oct 2022 17:57



Tgt Ion: 91 Resp: 702193
Ion Ratio Lower Upper
91 100
106 31.3 24.1 36.1





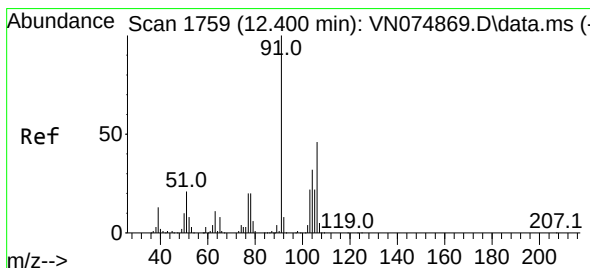
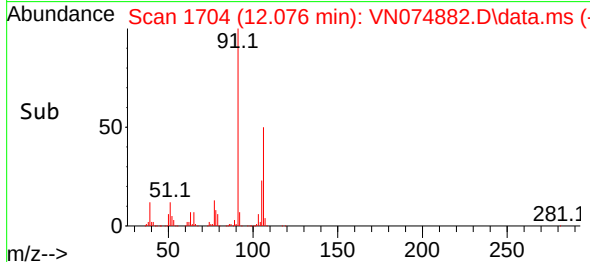
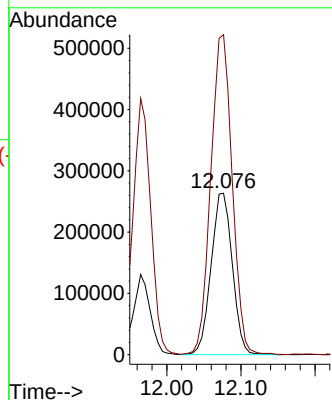
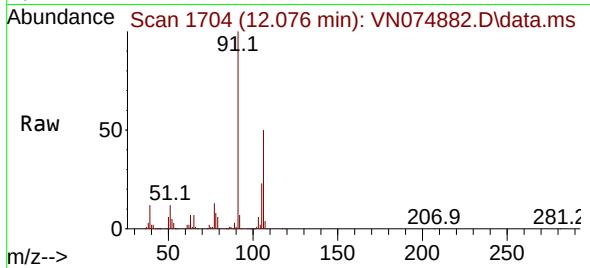
#67
m/p-Xylenes
Concen: 41.110 ug/l
RT: 12.076 min Scan# 1704
Delta R.T. -0.000 min
Lab File: VN074882.D
Acq: 12 Oct 2022 17:57

Instrument :
MSVOA_N
ClientSampleId :
VN1012WBS02

Tgt Ion:106 Resp: 52422
Ion Ratio Lower Upper
106 100
91 198.8 164.2 246.4

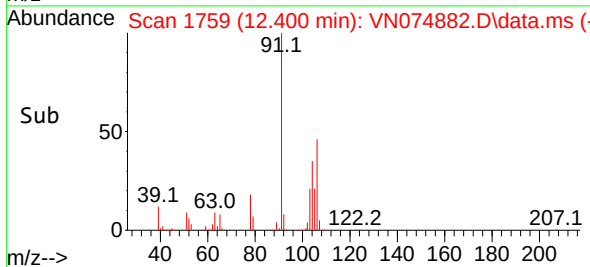
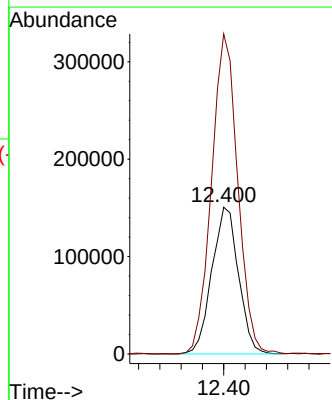
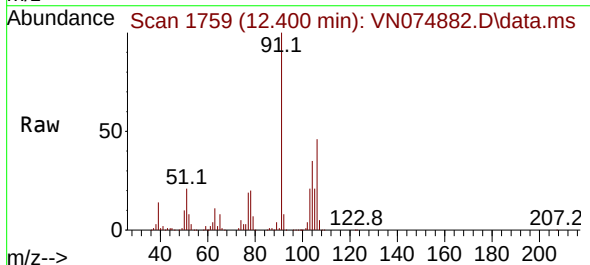
Manual Integrations
APPROVED

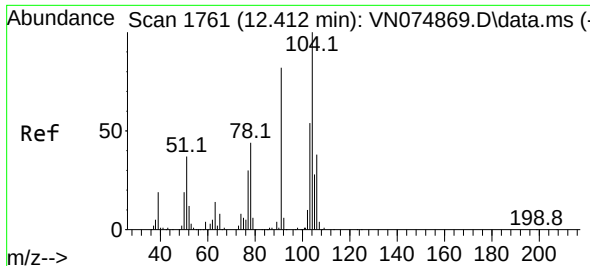
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/14/2022



#68
o-Xylene
Concen: 20.186 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. -0.000 min
Lab File: VN074882.D
Acq: 12 Oct 2022 17:57

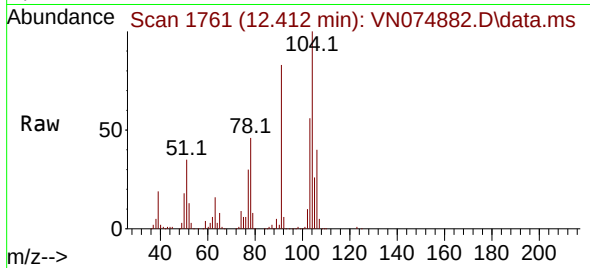
Tgt Ion:106 Resp: 261654
Ion Ratio Lower Upper
106 100
91 214.6 108.5 325.5





#69
Styrene
Concen: 19.795 ug/l
RT: 12.412 min Scan# 1761
Delta R.T. -0.000 min
Lab File: VN074882.D
Acq: 12 Oct 2022 17:57

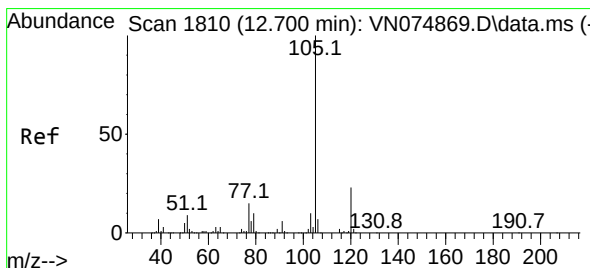
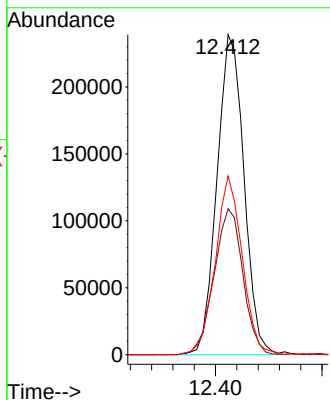
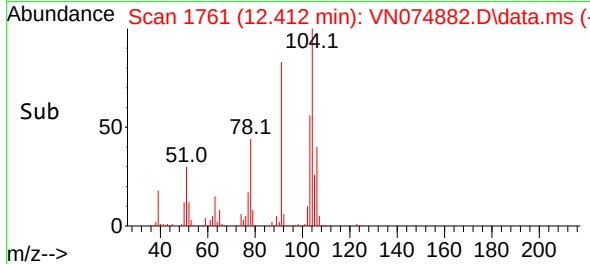
Instrument :
MSVOA_N
ClientSampleId :
VN1012WBS02



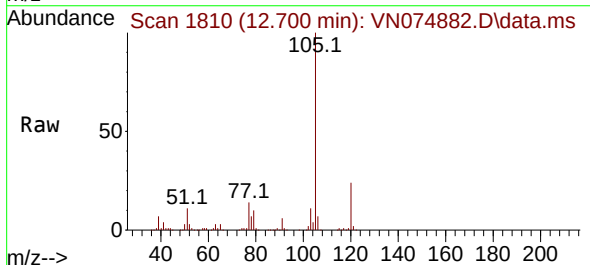
Tgt Ion:104 Resp: 419954
Ion Ratio Lower Upper
104 100
78 48.8 39.9 59.9
103 55.7 43.8 65.8

Manual Integrations
APPROVED

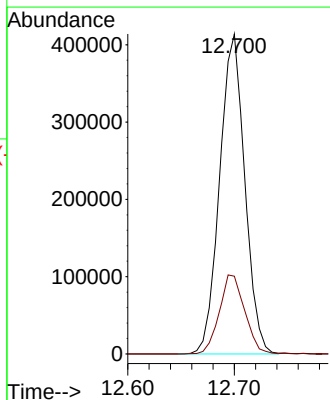
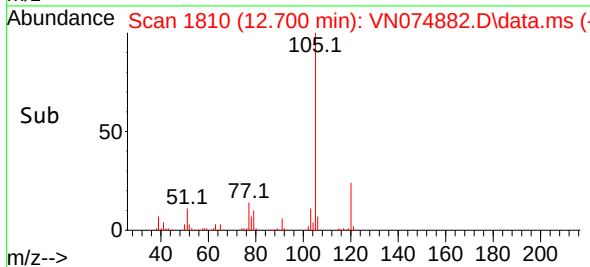
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/14/2022

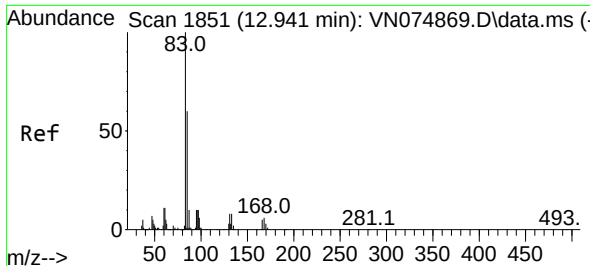


#70
Isopropylbenzene
Concen: 20.266 ug/l
RT: 12.700 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VN074882.D
Acq: 12 Oct 2022 17:57



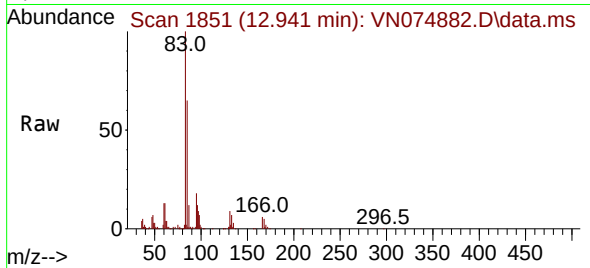
Tgt Ion:105 Resp: 677488
Ion Ratio Lower Upper
105 100
120 25.0 18.5 34.3





#71
1,1,2,2-Tetrachloroethane
Concen: 20.440 ug/l
RT: 12.941 min Scan# 1851
Delta R.T. -0.000 min
Lab File: VN074882.D
Acq: 12 Oct 2022 17:57

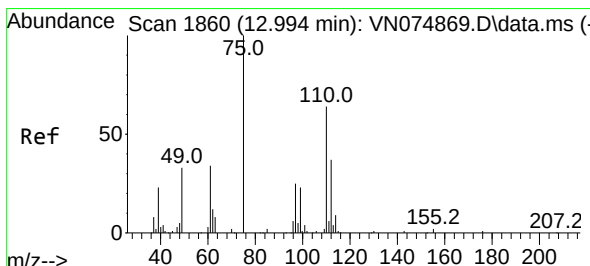
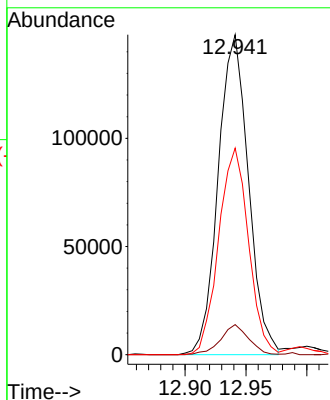
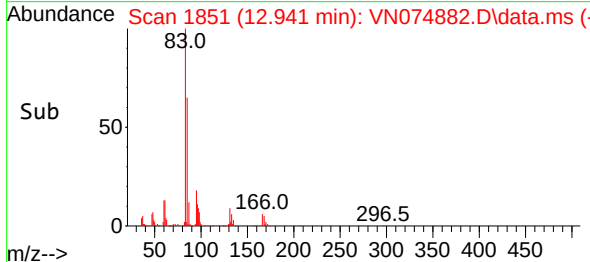
Instrument :
MSVOA_N
ClientSampleId :
VN1012WBS02



Tgt Ion: 83 Resp: 255609
Ion Ratio Lower Upper
83 100
131 8.7 4.5 13.5
85 63.6 30.9 92.7

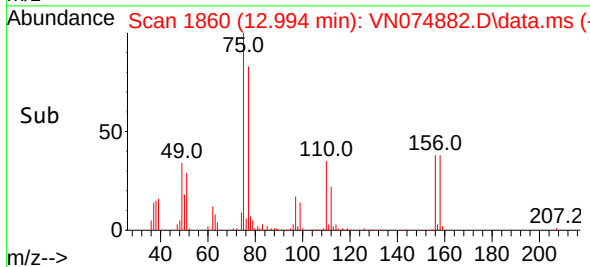
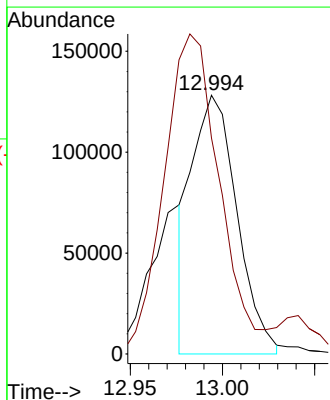
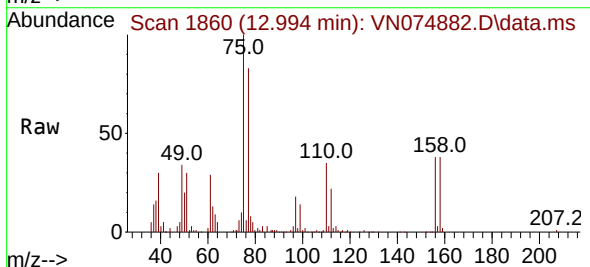
Manual Integrations
APPROVED

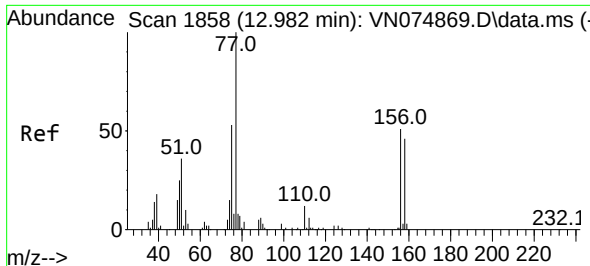
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/14/2022



#72
1,2,3-Trichloropropane
Concen: 20.748 ug/l m
RT: 12.994 min Scan# 1860
Delta R.T. -0.000 min
Lab File: VN074882.D
Acq: 12 Oct 2022 17:57

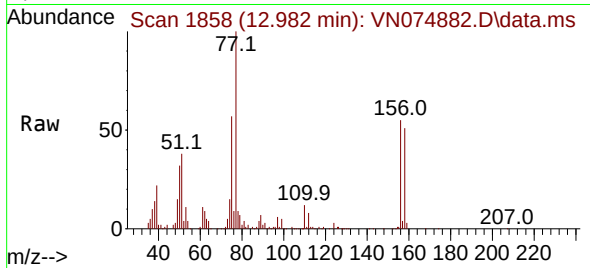
Tgt Ion: 75 Resp: 217973
Ion Ratio Lower Upper
75 100
77 152.4 0.0 372.4





#73
Bromobenzene
Concen: 20.098 ug/l
RT: 12.982 min Scan# 1858
Delta R.T. -0.000 min
Lab File: VN074882.D
Acq: 12 Oct 2022 17:57

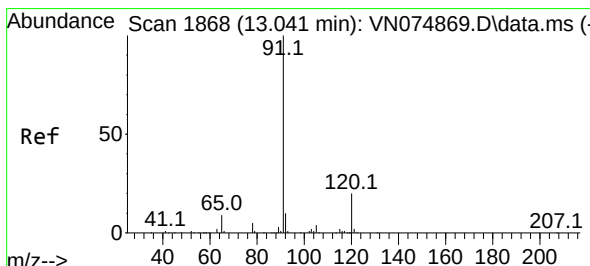
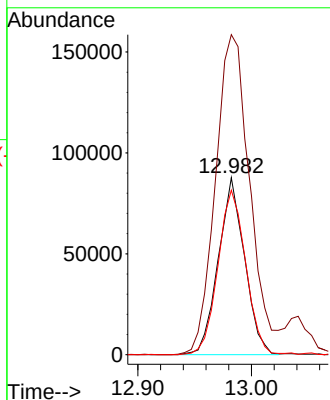
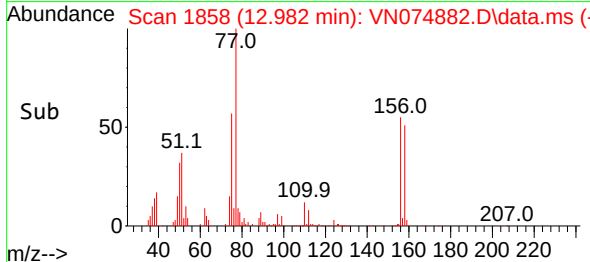
Instrument :
MSVOA_N
ClientSampleId :
VN1012WBS02



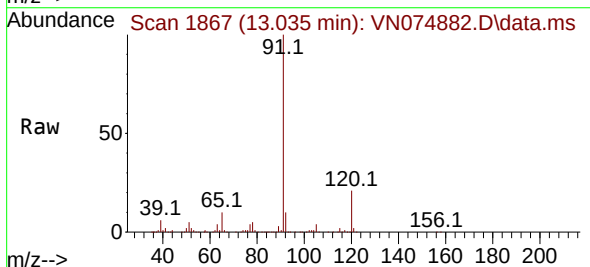
Tgt Ion:156 Resp: 140790
Ion Ratio Lower Upper
156 100
77 235.9 0.0 491.8
158 98.1 0.0 185.0

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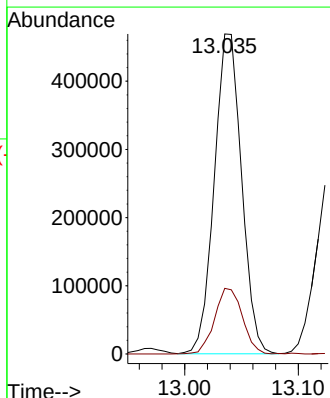
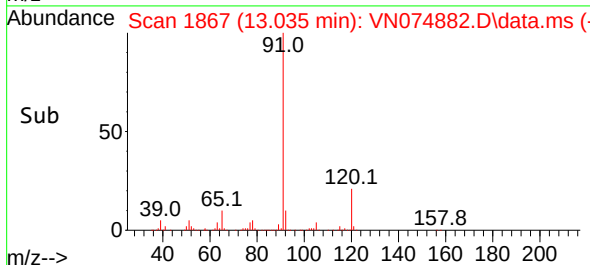
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/14/2022

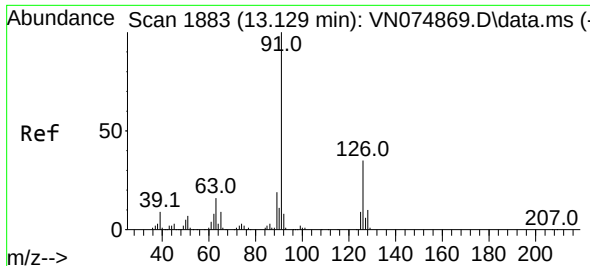


#74
n-propylbenzene
Concen: 20.107 ug/l
RT: 13.035 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VN074882.D
Acq: 12 Oct 2022 17:57



Tgt Ion: 91 Resp: 783702
Ion Ratio Lower Upper
91 100
120 20.8 0.0 44.6





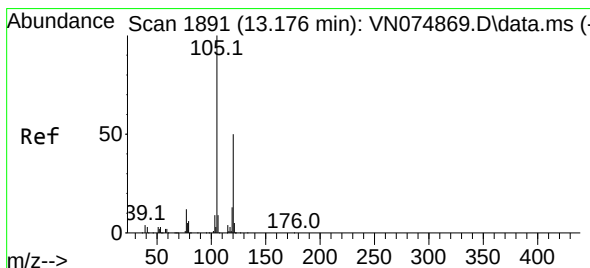
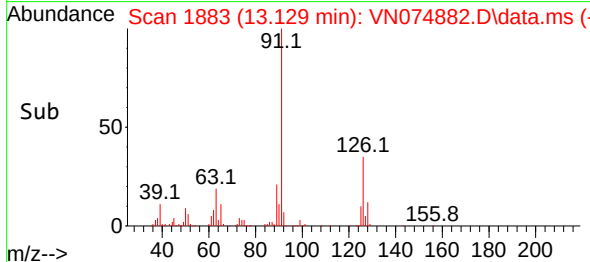
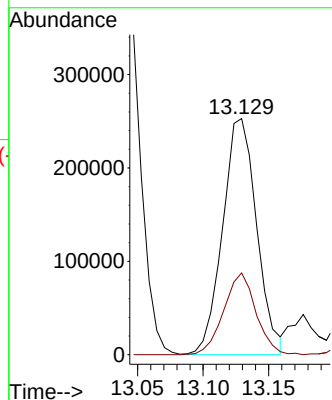
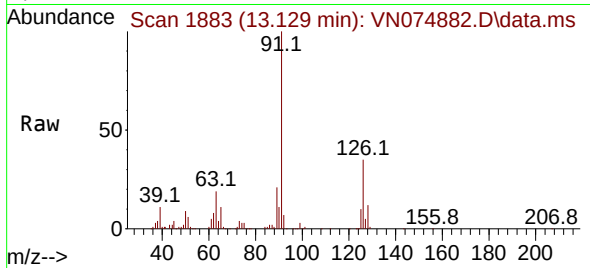
#75
2-Chlorotoluene
Concen: 20.048 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. -0.000 min
Lab File: VN074882.D
Acq: 12 Oct 2022 17:57

Instrument :
MSVOA_N
ClientSampleId :
VN1012WBS02

Tgt Ion: 91 Resp: 457120
Ion Ratio Lower Upper
91 100
126 32.7 0.0 66.2

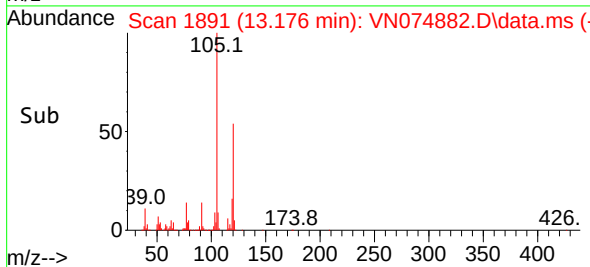
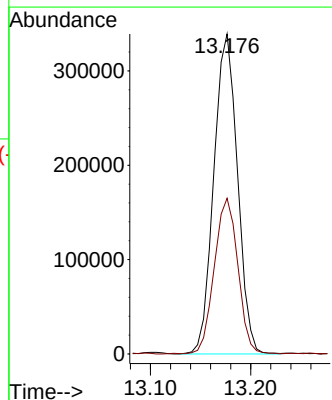
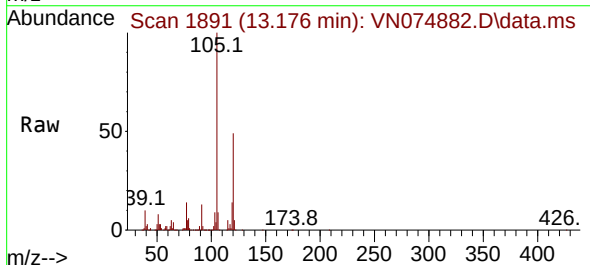
Manual Integrations
APPROVED

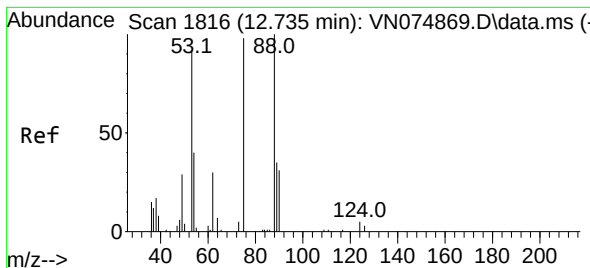
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/14/2022



#76
1,3,5-Trimethylbenzene
Concen: 20.425 ug/l
RT: 13.176 min Scan# 1891
Delta R.T. -0.000 min
Lab File: VN074882.D
Acq: 12 Oct 2022 17:57

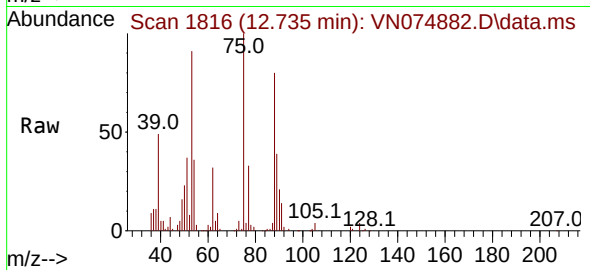
Tgt Ion:105 Resp: 554860
Ion Ratio Lower Upper
105 100
120 48.5 0.0 97.4





#77
t-1,4-Dichloro-2-butene
Concen: 19.611 ug/l
RT: 12.735 min Scan# 1816
Delta R.T. -0.000 min
Lab File: VN074882.D
Acq: 12 Oct 2022 17:57

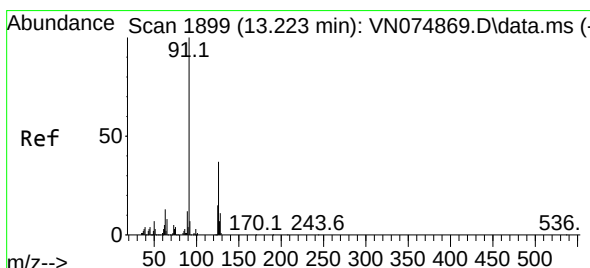
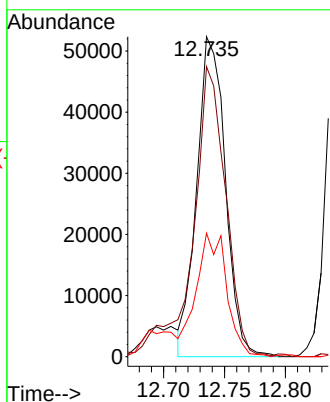
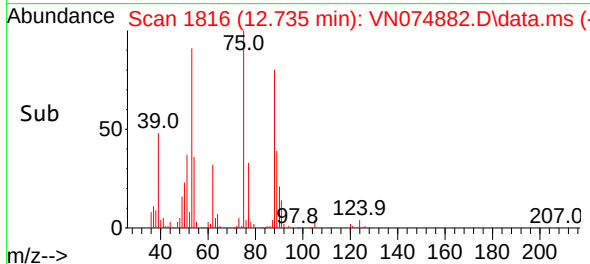
Instrument :
MSVOA_N
ClientSampleId :
VN1012WBS02



Tgt Ion: 75 Resp: 8560
Ion Ratio Lower Upper
75 100
53 89.8 43.3 129.9
89 38.2 21.1 63.1

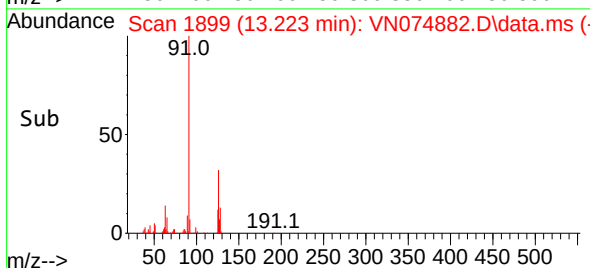
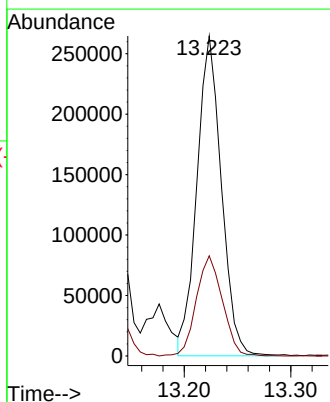
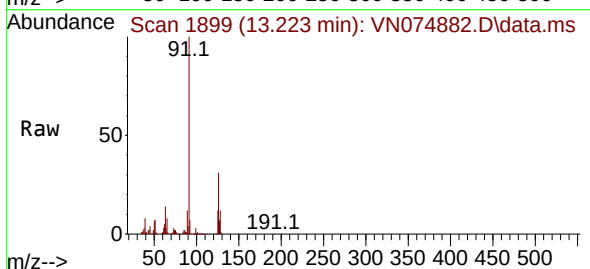
Manual Integrations
APPROVED

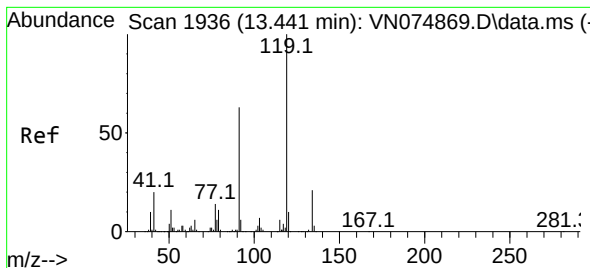
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/14/2022



#78
4-Chlorotoluene
Concen: 19.406 ug/l
RT: 13.223 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN074882.D
Acq: 12 Oct 2022 17:57

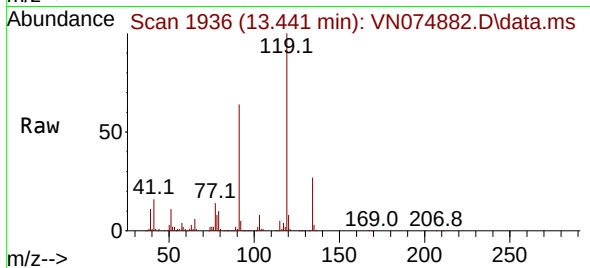
Tgt Ion: 91 Resp: 422259
Ion Ratio Lower Upper
91 100
126 33.4 0.0 67.8





#79
tert-butylbenzene
Concen: 20.129 ug/l
RT: 13.441 min Scan# 1936
Delta R.T. -0.000 min
Lab File: VN074882.D
Acq: 12 Oct 2022 17:57

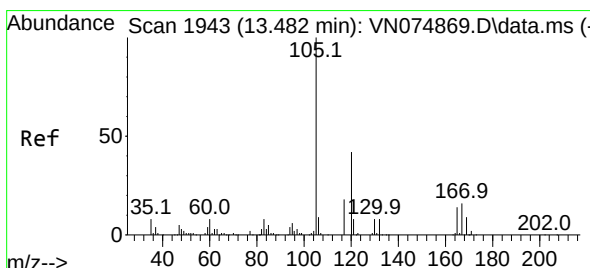
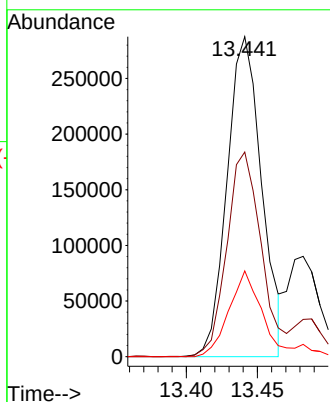
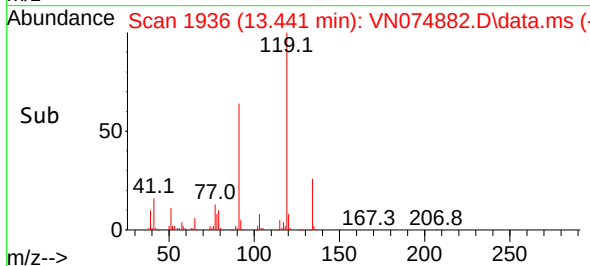
Instrument :
MSVOA_N
ClientSampleId :
VN1012WBS02



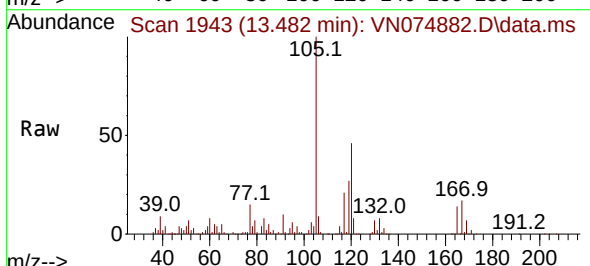
Tgt Ion:119 Resp: 486420
Ion Ratio Lower Upper
119 100
91 63.9 0.0 129.0
134 25.6 0.0 52.2

Manual Integrations
APPROVED

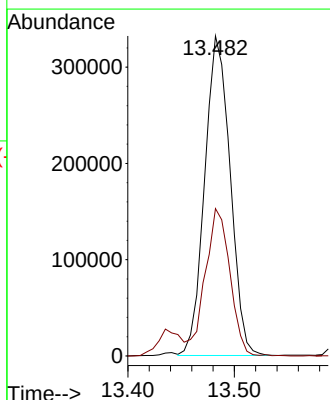
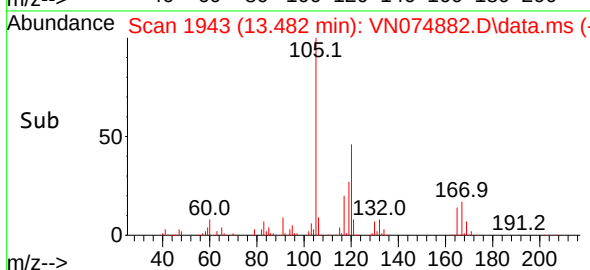
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/14/2022

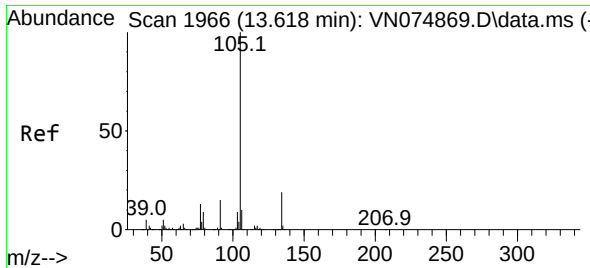


#80
1,2,4-Trimethylbenzene
Concen: 20.193 ug/l
RT: 13.482 min Scan# 1943
Delta R.T. -0.000 min
Lab File: VN074882.D
Acq: 12 Oct 2022 17:57



Tgt Ion:105 Resp: 551962
Ion Ratio Lower Upper
105 100
120 44.9 0.0 93.2





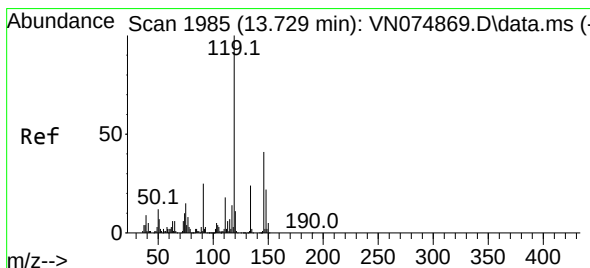
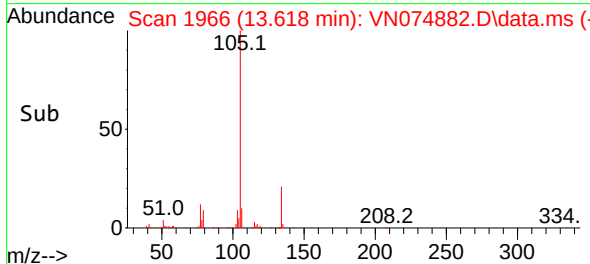
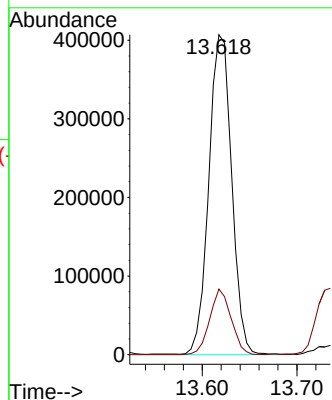
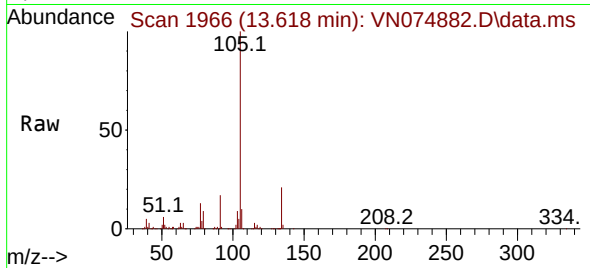
#81
 sec-Butylbenzene
 Concen: 19.658 ug/l
 RT: 13.618 min Scan# 1966
 Delta R.T. -0.000 min
 Lab File: VN074882.D
 Acq: 12 Oct 2022 17:57

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1012WBS02

Tgt Ion:105 Resp: 682715
 Ion Ratio Lower Upper
 105 100
 134 19.2 0.0 38.8

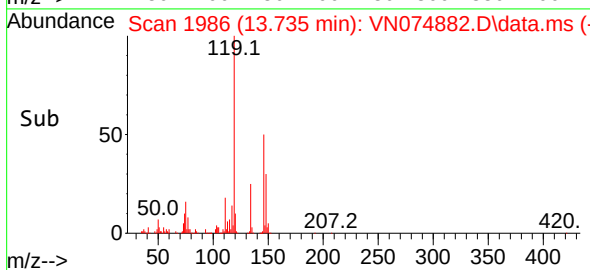
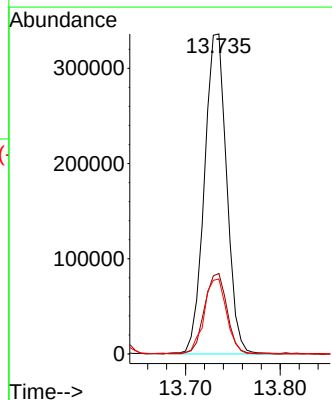
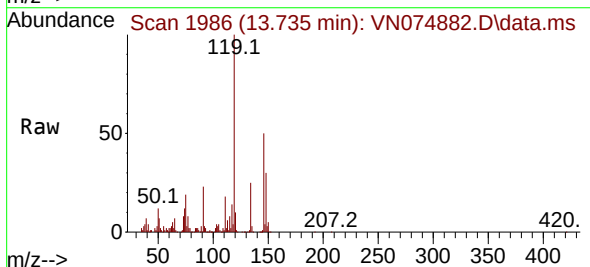
Manual Integrations
 APPROVED

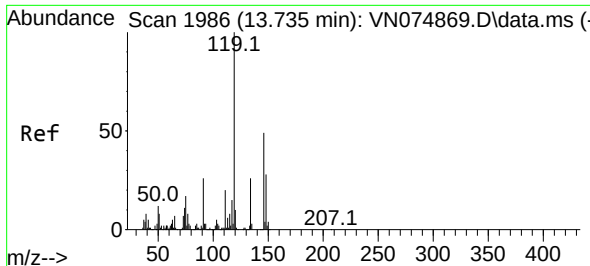
Reviewed By :John Carlone 10/13/2022
 Supervised By :Mahesh Dadoda 10/14/2022



#82
 p-Isopropyltoluene
 Concen: 19.841 ug/l
 RT: 13.735 min Scan# 1986
 Delta R.T. 0.006 min
 Lab File: VN074882.D
 Acq: 12 Oct 2022 17:57

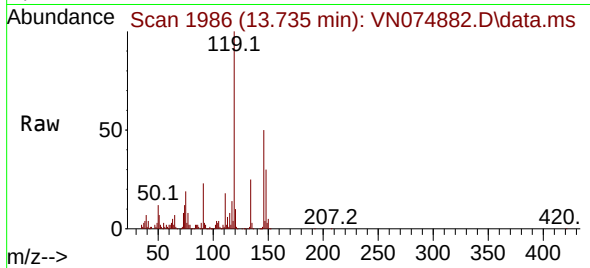
Tgt Ion:119 Resp: 547507
 Ion Ratio Lower Upper
 119 100
 134 25.4 0.0 51.4
 91 23.8 0.0 46.8





#83
1,3-Dichlorobenzene
Concen: 19.645 ug/l
RT: 13.735 min Scan# 1986
Delta R.T. -0.000 min
Lab File: VN074882.D
Acq: 12 Oct 2022 17:57

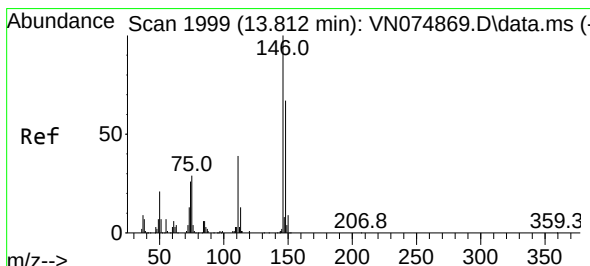
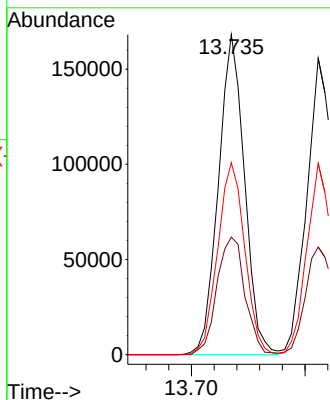
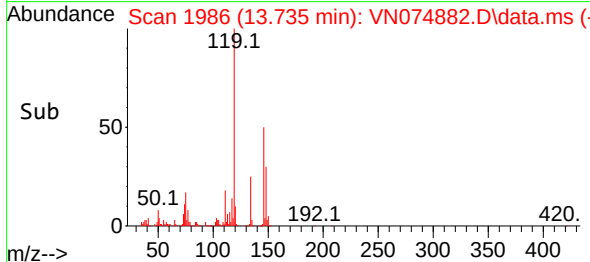
Instrument :
MSVOA_N
ClientSampleId :
VN1012WBS02



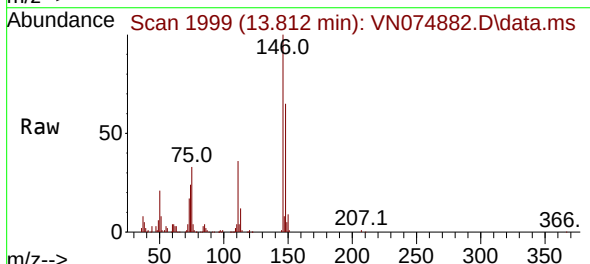
Tgt Ion:146 Resp: 268530
Ion Ratio Lower Upper
146 100
111 39.5 20.5 61.5
148 62.3 31.0 93.0

Manual Integrations
APPROVED

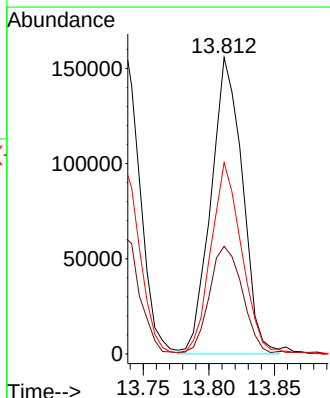
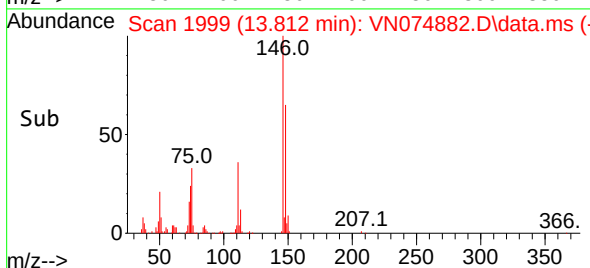
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/14/2022

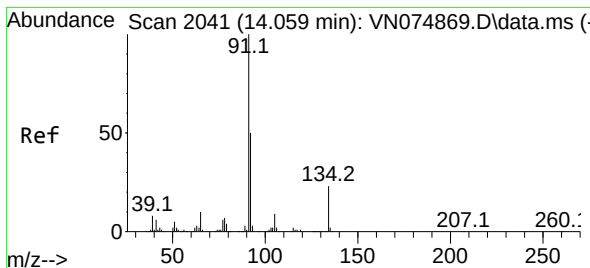


#84
1,4-Dichlorobenzene
Concen: 19.797 ug/l
RT: 13.812 min Scan# 1999
Delta R.T. -0.000 min
Lab File: VN074882.D
Acq: 12 Oct 2022 17:57



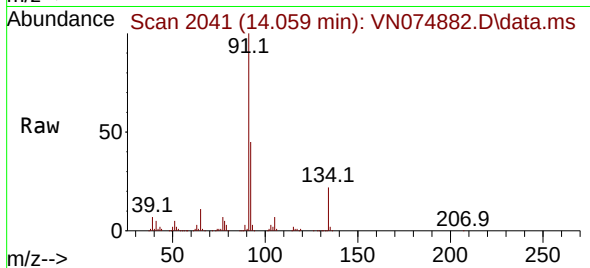
Tgt Ion:146 Resp: 259933
Ion Ratio Lower Upper
146 100
111 38.1 19.1 57.5
148 63.1 31.7 95.1





#85
n-Butylbenzene
Concen: 19.281 ug/l
RT: 14.059 min Scan# 2041
Delta R.T. -0.000 min
Lab File: VN074882.D
Acq: 12 Oct 2022 17:57

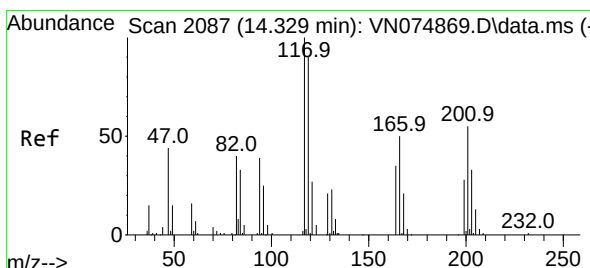
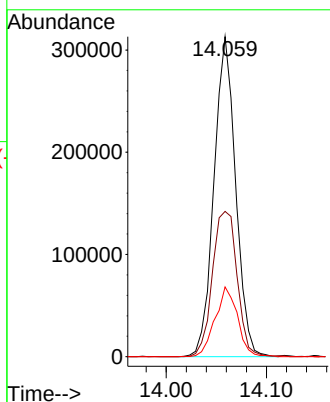
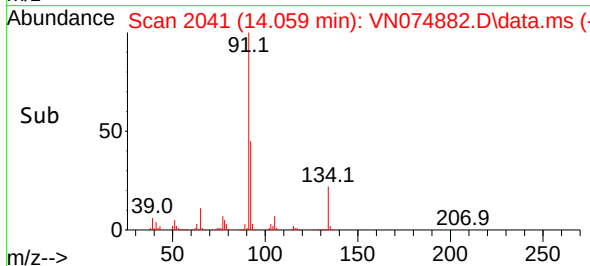
Instrument :
MSVOA_N
ClientSampleId :
VN1012WBS02



Tgt Ion: 91 Resp: 469650
Ion Ratio Lower Upper
91 100
92 51.8 0.0 105.4
134 22.4 0.0 46.4

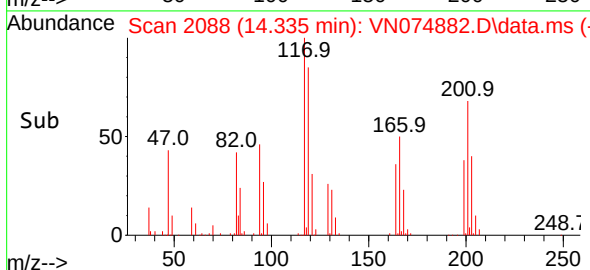
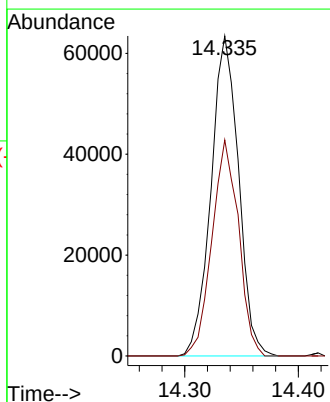
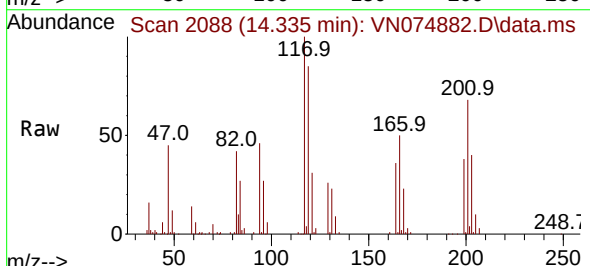
Manual Integrations
APPROVED

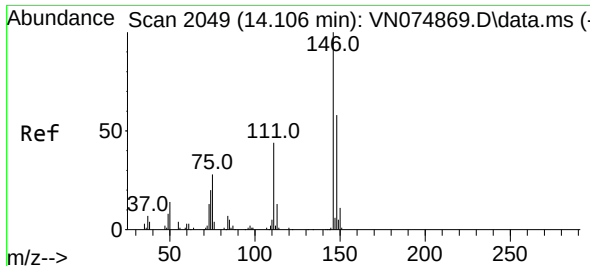
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/14/2022



#86
Hexachloroethane
Concen: 19.784 ug/l
RT: 14.335 min Scan# 2088
Delta R.T. 0.006 min
Lab File: VN074882.D
Acq: 12 Oct 2022 17:57

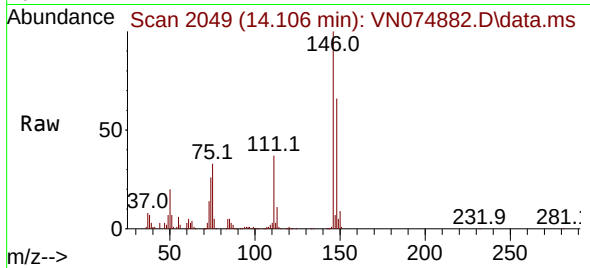
Tgt Ion:117 Resp: 106922
Ion Ratio Lower Upper
117 100
201 65.1 29.4 88.3





#87
 1,2-Dichlorobenzene
 Concen: 20.144 ug/l
 RT: 14.106 min Scan# 2049
 Delta R.T. -0.000 min
 Lab File: VN074882.D
 Acq: 12 Oct 2022 17:57

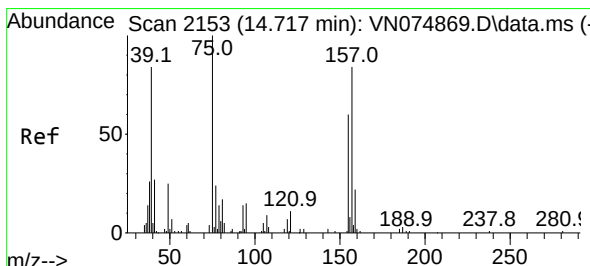
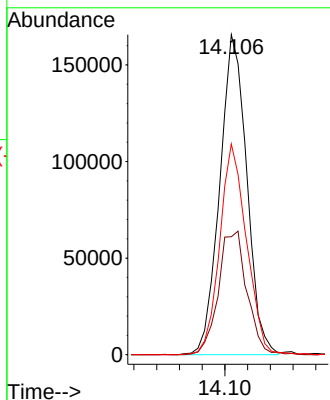
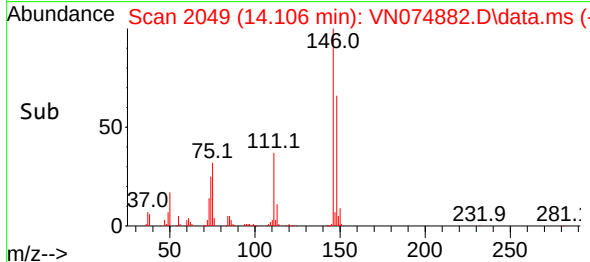
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1012WBS02



Tgt Ion:146 Resp: 27340
 Ion Ratio Lower Upper
 146 100
 111 40.9 21.4 64.2
 148 65.4 30.6 92.0

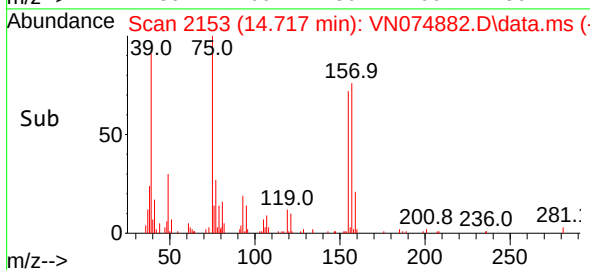
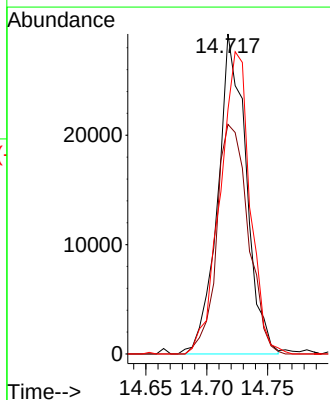
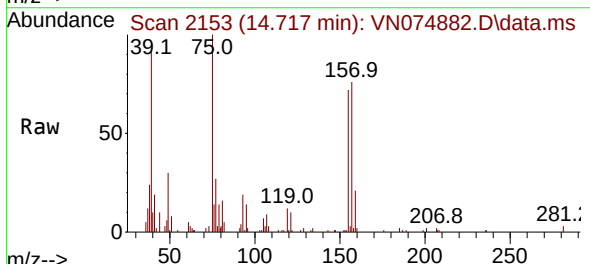
Manual Integrations
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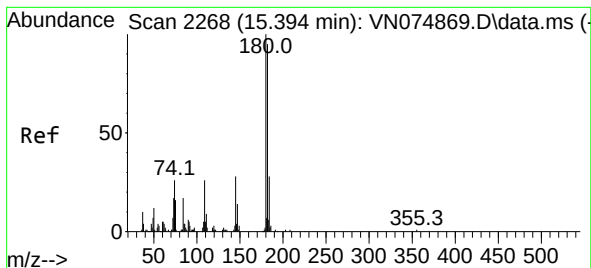
Reviewed By :John Carlone 10/13/2022
 Supervised By :Mahesh Dadoda 10/14/2022



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 18.810 ug/l
 RT: 14.717 min Scan# 2153
 Delta R.T. -0.000 min
 Lab File: VN074882.D
 Acq: 12 Oct 2022 17:57

Tgt Ion: 75 Resp: 47475
 Ion Ratio Lower Upper
 75 100
 155 79.9 66.3 99.5
 157 99.9 84.3 126.5





#89

1,2,4-Trichlorobenzene

Concen: 18.895 ug/l

RT: 15.394 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN074882.D

Acq: 12 Oct 2022 17:57

Instrument :

MSVOA_N

ClientSampleId :

VN1012WBS02

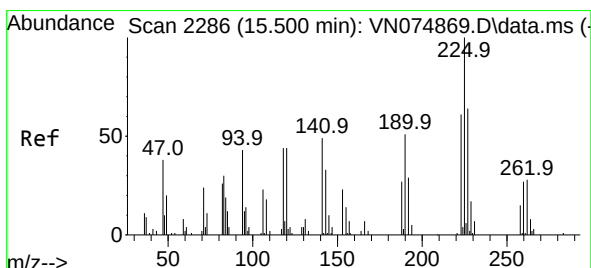
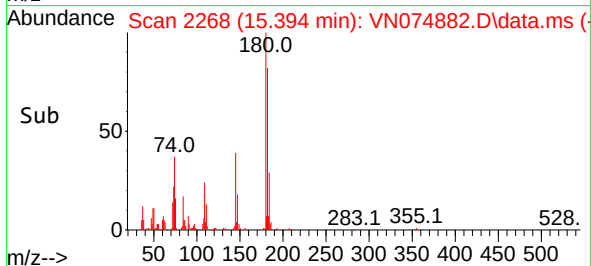
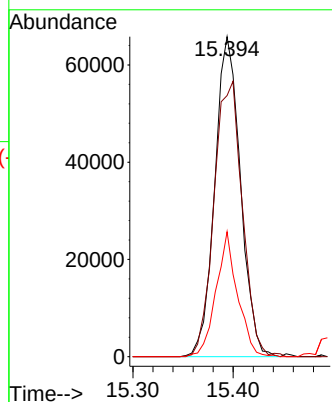
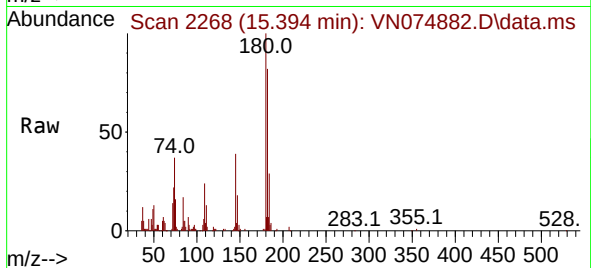
Tgt Ion:	180	Resp:	11712
Ion Ratio	Lower	Upper	
180	100		
182	94.2	74.9	112.3
145	32.7	26.3	39.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/13/2022

Supervised By :Mahesh Dadoda 10/14/2022



#90

Hexachlorobutadiene

Concen: 19.739 ug/l

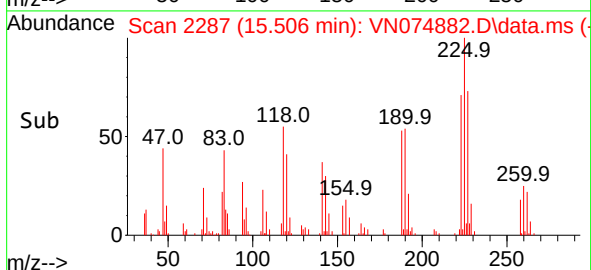
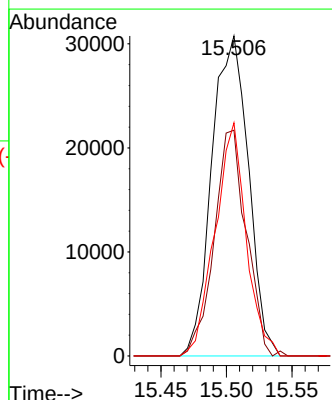
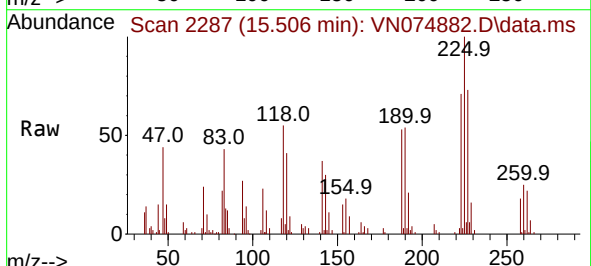
RT: 15.506 min Scan# 2287

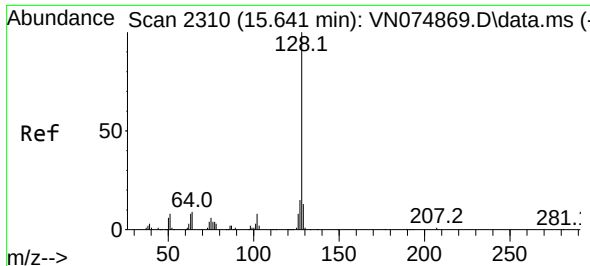
Delta R.T. 0.006 min

Lab File: VN074882.D

Acq: 12 Oct 2022 17:57

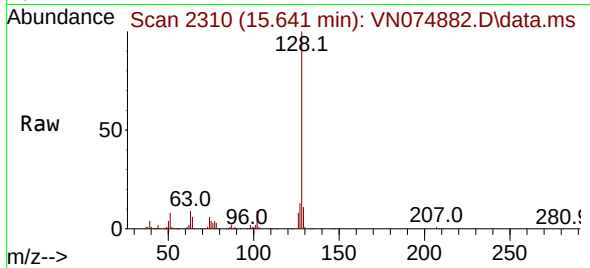
Tgt Ion:	225	Resp:	59657
Ion Ratio	Lower	Upper	
225	100		
223	62.0	0.0	125.0
227	62.0	0.0	123.0





#91
Naphthalene
Concen: 19.831 ug/l
RT: 15.641 min Scan# 2310
Delta R.T. -0.000 min
Lab File: VN074882.D
Acq: 12 Oct 2022 17:57

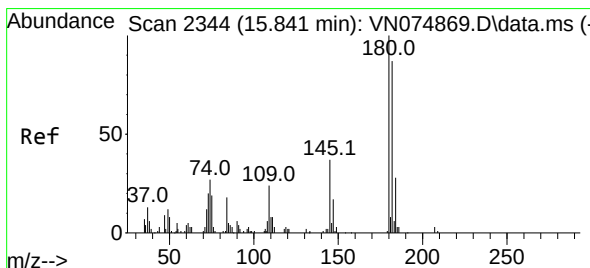
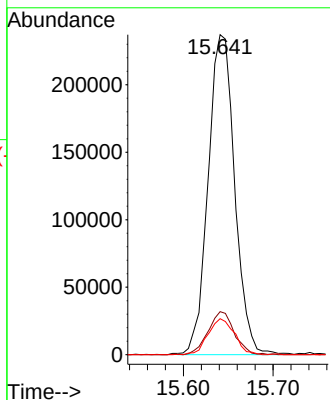
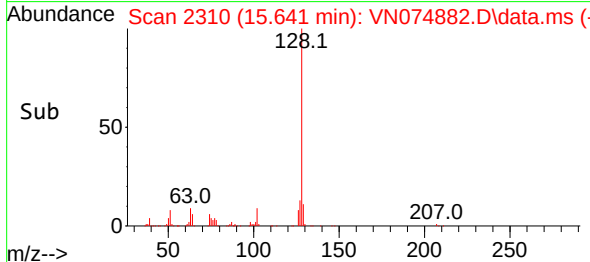
Instrument :
MSVOA_N
ClientSampleId :
VN1012WBS02



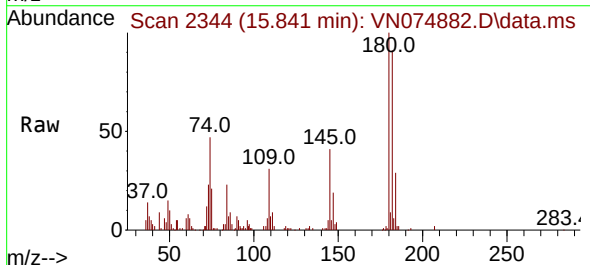
Tgt Ion:128 Resp: 48774
Ion Ratio Lower Upper
128 100
127 13.1 10.7 16.1
129 11.1 8.9 13.3

Manual Integrations
APPROVED

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



#92
1,2,3-Trichlorobenzene
Concen: 18.404 ug/l
RT: 15.841 min Scan# 2344
Delta R.T. -0.000 min
Lab File: VN074882.D
Acq: 12 Oct 2022 17:57



Tgt Ion:180 Resp: 119337
Ion Ratio Lower Upper
180 100
182 96.1 0.0 185.4
145 35.6 0.0 68.6

