

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100322\
 Data File : VN074715.D
 Acq On : 03 Oct 2022 19:03
 Operator : JC\MD
 Sample : VN1003WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1003WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/04/2022
 Supervised By : Mahesh Dadoda 10/05/2022

Quant Time: Oct 04 06:12:37 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N100322W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 04 05:54:56 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.934	168	198461	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.828	114	351510	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.622	117	384338	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.551	152	221483	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.287	65	256604	51.455	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 102.900%			
35) Dibromofluoromethane	7.863	113	190964	50.535	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.080%			
50) Toluene-d8	10.310	98	790866	50.918	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.840%			
62) 4-Bromofluorobenzene	12.604	95	234467	44.673	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 89.340%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.999	85	90389	22.071	ug/l	91
3) Chloromethane	2.216	50	135190	21.639	ug/l	97
4) Vinyl Chloride	2.357	62	238912	20.116	ug/l #	86
5) Bromomethane	2.734	94	182235	19.703	ug/l	87
6) Chloroethane	2.899	64	233119	24.502	ug/l #	87
7) Trichlorofluoromethane	3.246	101	126775	19.824	ug/l	95
8) Diethyl Ether	3.687	74	52021	18.471	ug/l	75
9) 1,1,2-Trichlorotrifluo...	4.046	101	71194	19.845	ug/l #	63
10) Methyl Iodide	4.257	142	92870	21.254	ug/l	95
11) Tert butyl alcohol	5.163	59	111039	101.984	ug/l #	89
12) 1,1-Dichloroethene	4.022	96	67764	18.978	ug/l #	80
13) Acrolein	3.893	56	39831	90.330	ug/l	98
14) Allyl chloride	4.657	41	145771	19.880	ug/l	93
15) Acrylonitrile	5.357	53	308713	99.637	ug/l	97
16) Acetone	4.128	43	261158	98.276	ug/l #	86
17) Carbon Disulfide	4.363	76	200194	19.129	ug/l	99
18) Methyl Acetate	4.669	43	183537	20.241	ug/l	93
19) Methyl tert-butyl Ether	5.428	73	278626	19.613	ug/l	96
20) Methylene Chloride	4.904	84	87413	19.878	ug/l #	85
21) trans-1,2-Dichloroethene	5.410	96	79846	20.637	ug/l	91
22) Diisopropyl ether	6.298	45	327143	20.245	ug/l #	91
23) Vinyl Acetate	6.245	43	1318918	99.382	ug/l #	94
24) 1,1-Dichloroethane	6.198	63	166905	20.833	ug/l	97
25) 2-Butanone	7.163	43	467605	99.012	ug/l #	87
26) 2,2-Dichloropropane	7.151	77	121010	19.938	ug/l	98
27) cis-1,2-Dichloroethene	7.151	96	95971	19.853	ug/l	92
28) Bromochloromethane	7.492	49	82598	21.510	ug/l #	68
29) Tetrahydrofuran	7.516	42	311776	100.196	ug/l	87
30) Chloroform	7.663	83	161751	20.648	ug/l	94
31) Cyclohexane	7.934	56	147831	19.184	ug/l	94
32) 1,1,1-Trichloroethane	7.851	97	130457	19.358	ug/l	94
36) 1,1-Dichloropropene	8.069	75	120409	19.565	ug/l	95
37) Ethyl Acetate	7.240	43	173379	20.062	ug/l #	93
38) Carbon Tetrachloride	8.051	117	99879	18.352	ug/l #	94
39) Methylcyclohexane	9.316	83	146898	19.705	ug/l	99
40) Benzene	8.310	78	376305	20.055	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.481	41	82838	19.738	ug/l #	84
42) 1,2-Dichloroethane	8.375	62	129981	20.240	ug/l	97
43) Isopropyl Acetate	8.416	43	274056	20.869	ug/l #	91
44) Trichloroethene	9.075	130	78691	18.995	ug/l	88
45) 1,2-Dichloropropane	9.351	63	96852	19.459	ug/l	96
46) Dibromomethane	9.439	93	63458	18.471	ug/l	89
47) Bromodichloromethane	9.628	83	123673	19.592	ug/l	91
48) Methyl methacrylate	9.428	41	113706	18.899	ug/l #	86
49) 1,4-Dioxane	9.434	88	45278	406.915	ug/l #	90
51) 4-Methyl-2-Pentanone	10.204	43	940447	99.401	ug/l	89
52) Toluene	10.375	92	224657	19.680	ug/l	95
53) t-1,3-Dichloropropene	10.598	75	126277	20.297	ug/l	97
54) cis-1,3-Dichloropropene	10.057	75	145103	20.852	ug/l	90
55) 1,1,2-Trichloroethane	10.775	97	93407	20.340	ug/l	95
56) Ethyl methacrylate	10.633	69	139861	19.348	ug/l #	73
57) 1,3-Dichloropropane	10.922	76	163581	19.827	ug/l	95
58) 2-Chloroethyl Vinyl ether	9.910	63	275742	98.914	ug/l	91
59) 2-Hexanone	10.963	43	712793	100.549	ug/l	89
60) Dibromochloromethane	11.110	129	83522	19.883	ug/l	98
61) 1,2-Dibromoethane	11.222	107	87533	19.278	ug/l	97
64) Tetrachloroethene	10.845	164	62098	19.804	ug/l	95
65) Chlorobenzene	11.645	112	231586	19.845	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.716	131	79194	20.569	ug/l	97
67) Ethyl Benzene	11.722	91	436063	20.051	ug/l	97
68) m/p-Xylenes	11.827	106	329169	40.614	ug/l	100
69) o-Xylene	12.157	106	159450	19.602	ug/l	95
70) Styrene	12.169	104	263561	18.861	ug/l	97
71) Bromoform	12.327	173	56409	21.597	ug/l #	97
73) Isopropylbenzene	12.457	105	415729	20.315	ug/l	97
74) N-amyl acetate	12.269	43	213641	21.120	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	12.704	83	159194	20.397	ug/l	99
76) 1,2,3-Trichloropropane	12.751	75	105690m	19.779	ug/l	
77) Bromobenzene	12.733	156	86009	19.661	ug/l	83
78) n-propylbenzene	12.792	91	483709	20.646	ug/l	94
79) 2-Chlorotoluene	12.880	91	278213	20.153	ug/l	100
80) 1,3,5-Trimethylbenzene	12.933	105	342453	20.964	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.504	75	37766	19.700	ug/l #	83
82) 4-Chlorotoluene	12.980	91	259328	19.422	ug/l	98
83) tert-Butylbenzene	13.198	119	289825	19.831	ug/l	97
84) 1,2,4-Trimethylbenzene	13.245	105	341122	21.683	ug/l	99
85) sec-Butylbenzene	13.374	105	422519	20.277	ug/l	95
86) p-Isopropyltoluene	13.492	119	330347	20.681	ug/l	97
87) 1,3-Dichlorobenzene	13.486	146	157235	18.914	ug/l	98
88) 1,4-Dichlorobenzene	13.569	146	162378	19.937	ug/l	98
89) n-Butylbenzene	13.821	91	273570	18.963	ug/l	95
90) Hexachloroethane	14.080	117	53389	19.709	ug/l	80
91) 1,2-Dichlorobenzene	13.857	146	164544	20.348	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.474	75	27591	19.203	ug/l	92
93) 1,2,4-Trichlorobenzene	15.127	180	75444	21.159	ug/l	97
94) Hexachlorobutadiene	15.233	225	33680	18.681	ug/l	93
95) Naphthalene	15.363	128	287835	21.244	ug/l	99
96) 1,2,3-Trichlorobenzene	15.557	180	76337	20.288	ug/l	98

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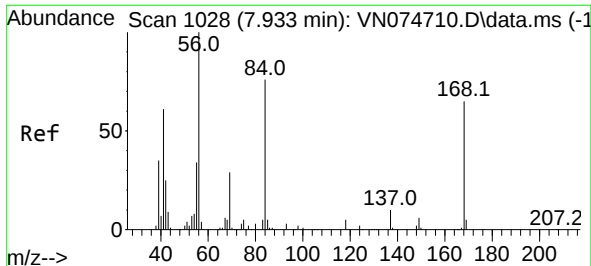
Manual Integrations
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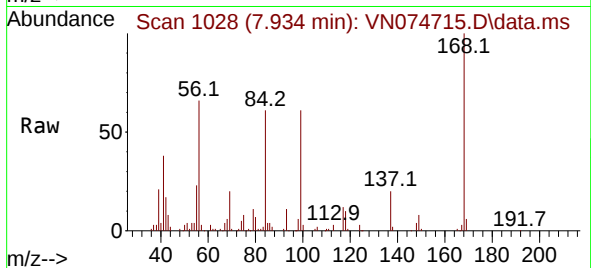
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.934 min Scan# 1028
Delta R.T. 0.001 min
Lab File: VN074715.D
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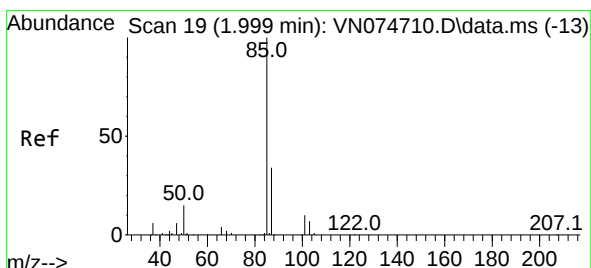
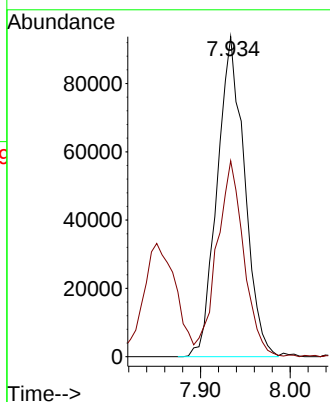
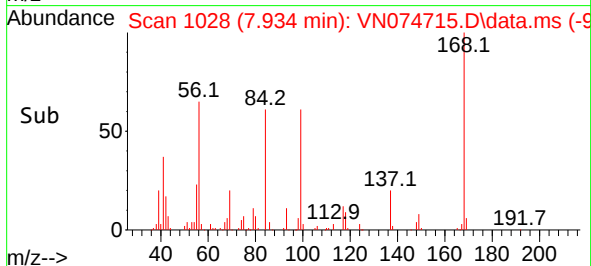
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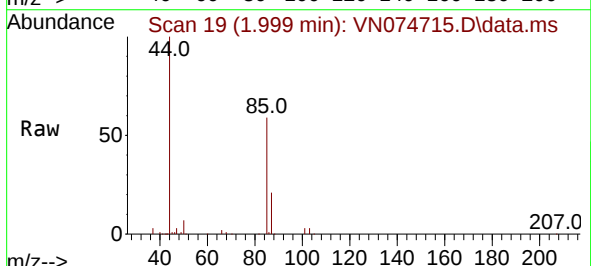
Tgt Ion:168 Resp: 19846
Ion Ratio Lower Upper
168 100
99 60.7 42.3 63.5

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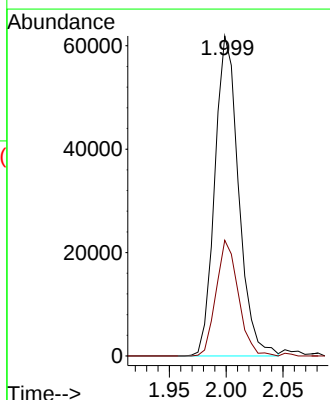
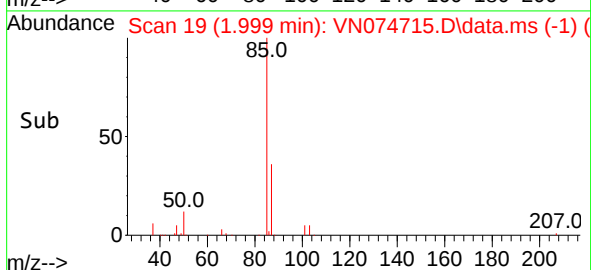
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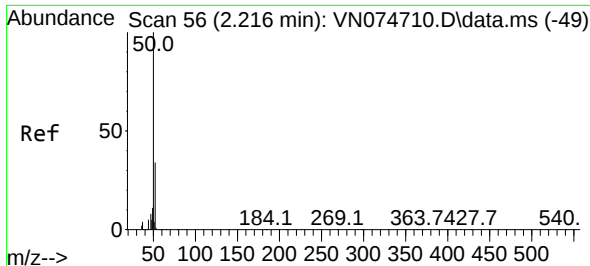


#2
Dichlorodifluoromethane
Concen: 22.071 ug/l
RT: 1.999 min Scan# 19
Delta R.T. -0.000 min
Lab File: VN074715.D
Acq: 03 Oct 2022 19:03



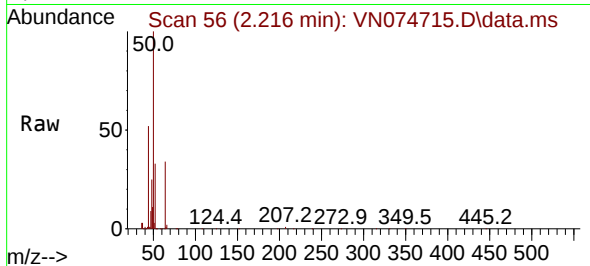
Tgt Ion: 85 Resp: 90389
Ion Ratio Lower Upper
85 100
87 36.2 15.7 47.1





#3
Chloromethane
Concen: 21.639 ug/l
RT: 2.216 min Scan# 50
Delta R.T. 0.000 min
Lab File: VN074715.D
Acq: 03 Oct 2022 19:03

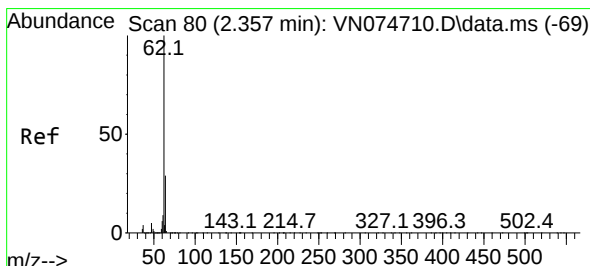
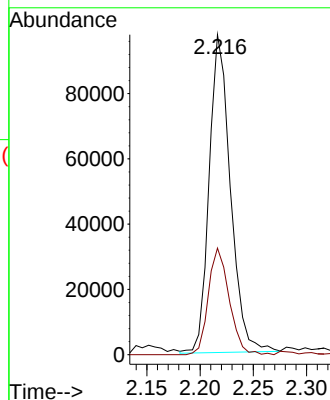
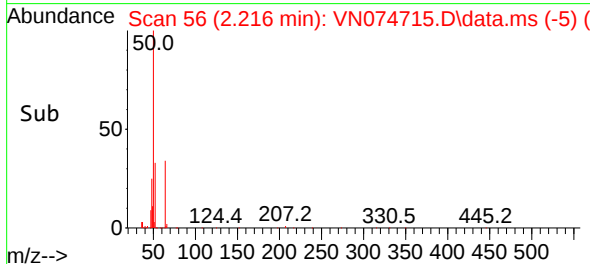
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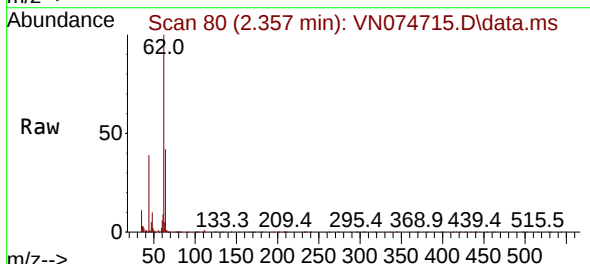
Tgt Ion: 50 Resp: 135190
Ion Ratio Lower Upper
50 100
52 33.6 25.7 38.5

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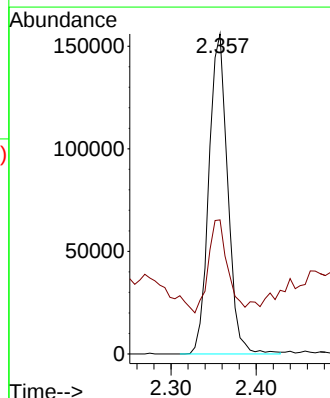
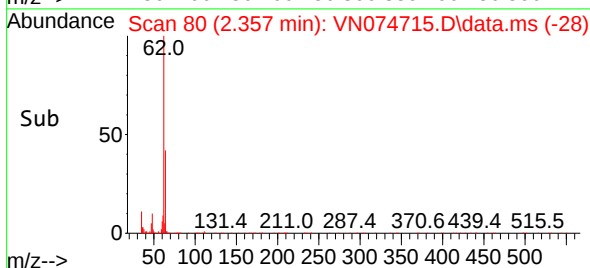
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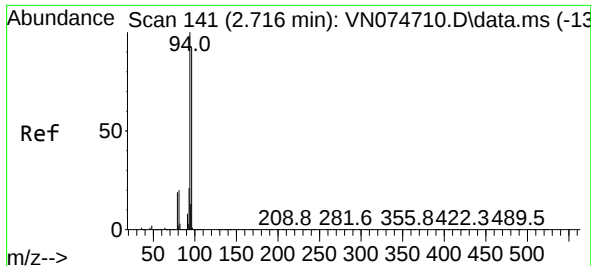


#4
Vinyl Chloride
Concen: 20.116 ug/l
RT: 2.357 min Scan# 80
Delta R.T. 0.006 min
Lab File: VN074715.D
Acq: 03 Oct 2022 19:03



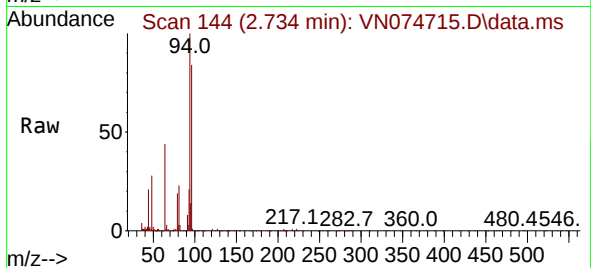
Tgt Ion: 62 Resp: 238912
Ion Ratio Lower Upper
62 100
64 23.7 25.0 37.4





#5
Bromomethane
Concen: 19.703 ug/l
RT: 2.734 min Scan# 141
Delta R.T. 0.018 min
Lab File: VN074715.D
Acq: 03 Oct 2022 19:03

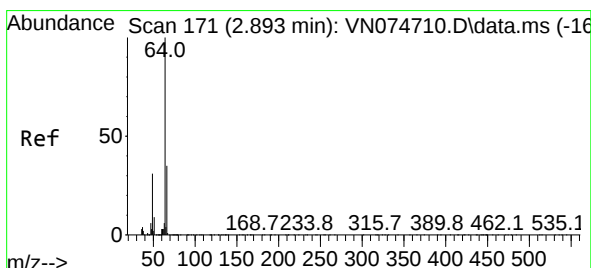
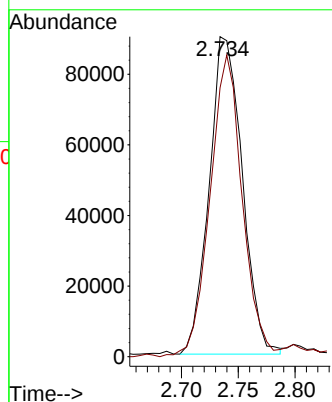
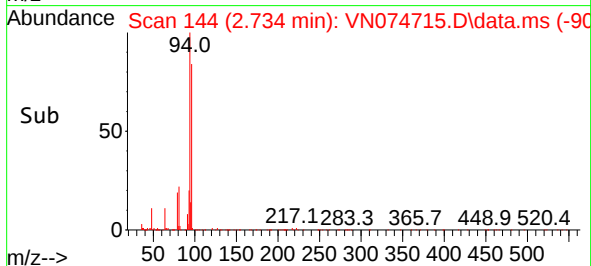
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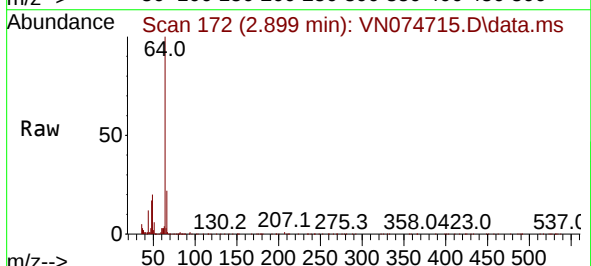
Tgt Ion: 94 Resp: 182235
Ion Ratio Lower Upper
94 100
96 82.8 76.0 114.0

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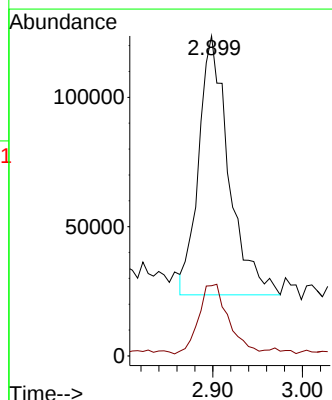
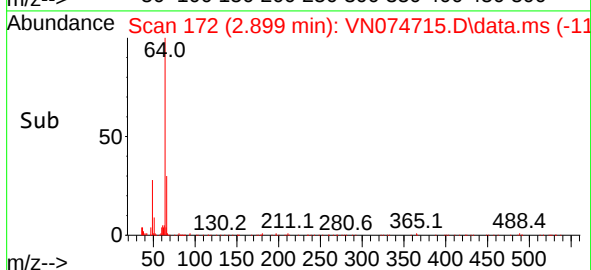
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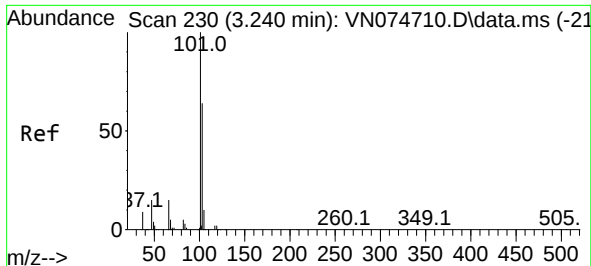


#6
Chloroethane
Concen: 24.502 ug/l
RT: 2.899 min Scan# 172
Delta R.T. 0.012 min
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Tgt Ion: 64 Resp: 233119
Ion Ratio Lower Upper
64 100
66 25.3 26.2 39.4





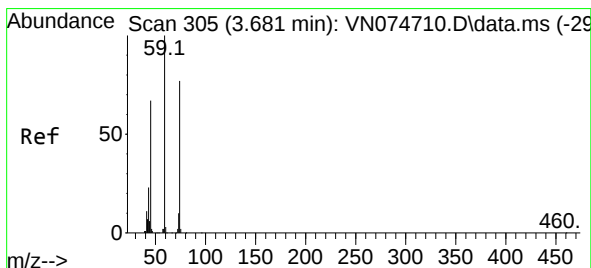
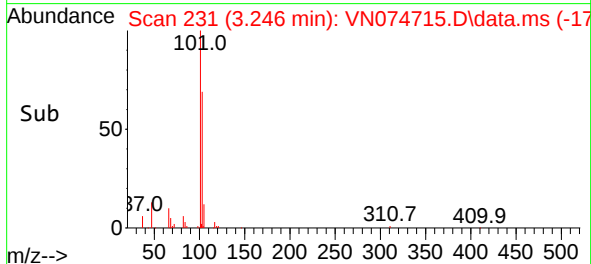
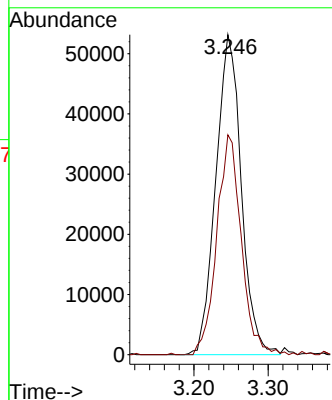
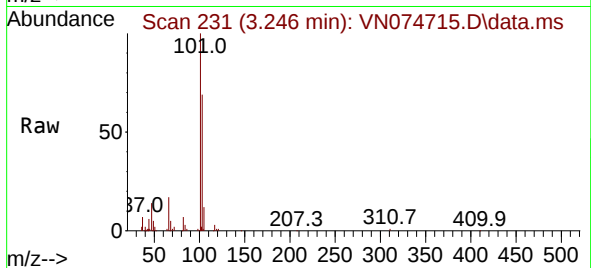
#7
Trichlorofluoromethane
Concen: 19.824 ug/l
RT: 3.246 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN074715.D
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Tgt Ion:101 Resp: 126775
Ion Ratio Lower Upper
101 100
103 68.7 51.5 77.3

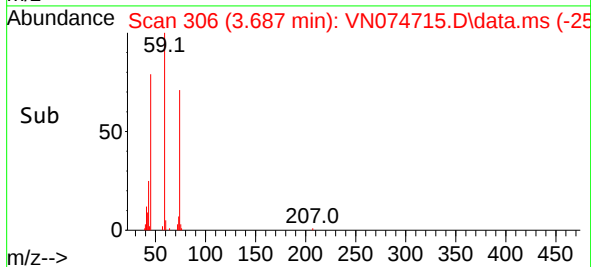
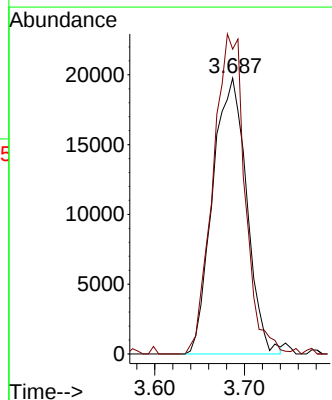
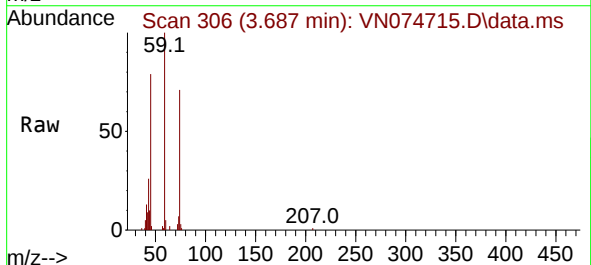
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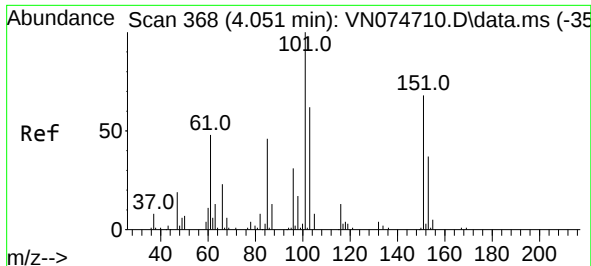
Reviewed By :John Carlone 10/04/2022
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#8
Diethyl Ether
Concen: 18.471 ug/l
RT: 3.687 min Scan# 306
Delta R.T. 0.012 min
Lab File: VN074715.D
Acq: 03 Oct 2022 19:03

Tgt Ion: 74 Resp: 52021
Ion Ratio Lower Upper
74 100
45 109.0 42.9 128.5





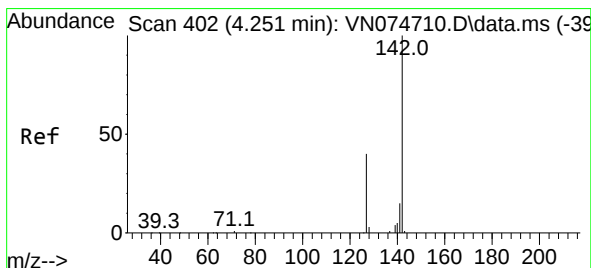
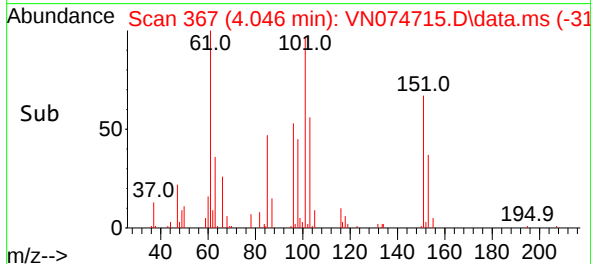
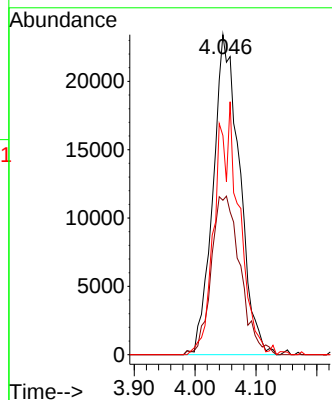
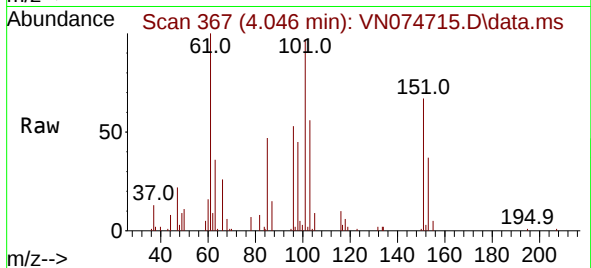
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.845 ug/l
RT: 4.046 min Scan# 30
Delta R.T. 0.001 min
Lab File: VN074715.D
Acq: 03 Oct 2022 19:03

Instrument :
MSVOA_N
ClientSampleId :
VN1003WBS01

Tgt Ion:101 Resp: 71194
Ion Ratio Lower Upper
101 100
85 54.0 34.7 52.1
151 36.7 63.0 94.4

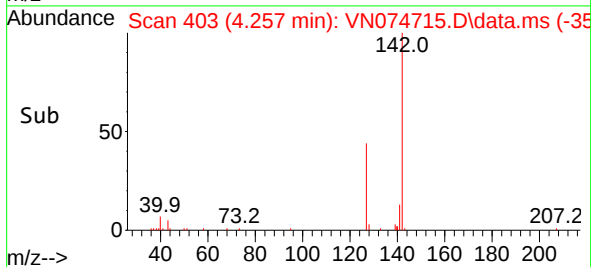
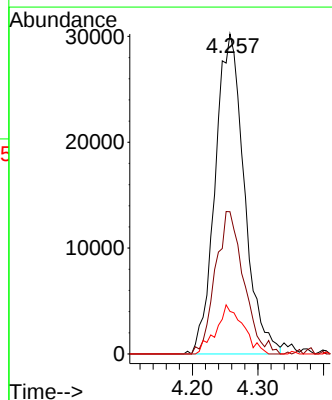
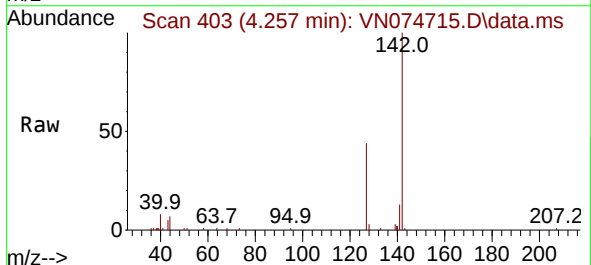
Manual Integrations
APPROVED

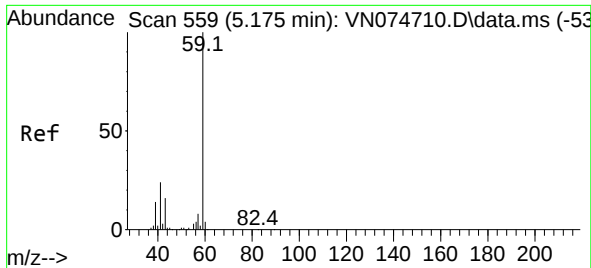
Reviewed By :John Carlone 10/04/2022
Supervised By :Mahesh Dadoda 10/05/2022



#10
Methyl Iodide
Concen: 21.254 ug/l
RT: 4.257 min Scan# 403
Delta R.T. 0.006 min
Lab File: VN074715.D
Acq: 03 Oct 2022 19:03

Tgt Ion:142 Resp: 92870
Ion Ratio Lower Upper
142 100
127 43.4 31.3 46.9
141 14.2 11.2 16.8





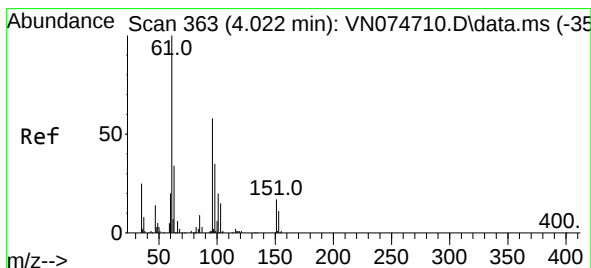
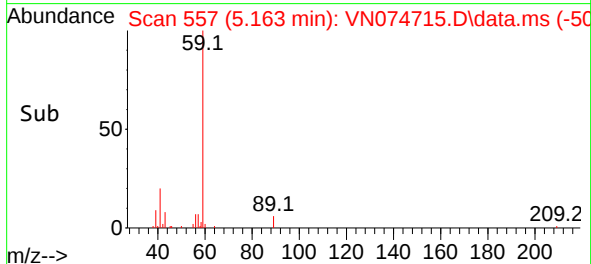
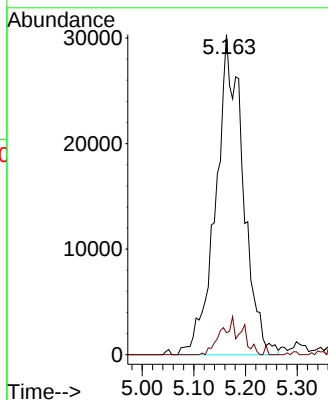
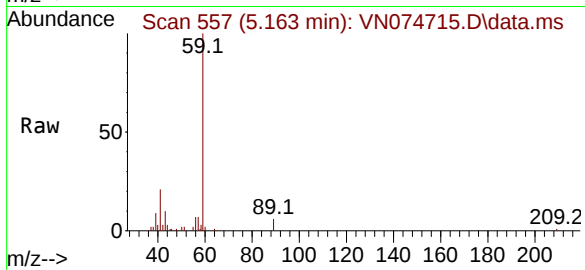
#11
Tert butyl alcohol
Concen: 101.984 ug/l
RT: 5.163 min Scan# 511
Delta R.T. -0.006 min
Lab File: VN074715.D
Acq: 03 Oct 2022 19:03

Instrument :
MSVOA_N
ClientSampleId :
VN1003WBS01

Tgt Ion: 59 Resp: 111039
Ion Ratio Lower Upper
59 100
57 6.4 8.3 12.5

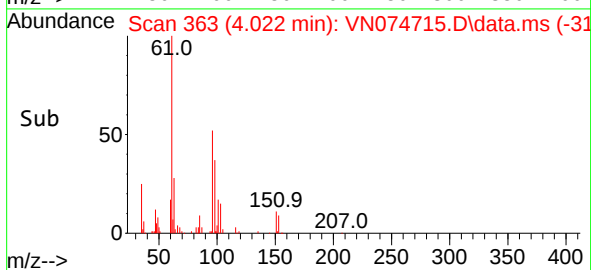
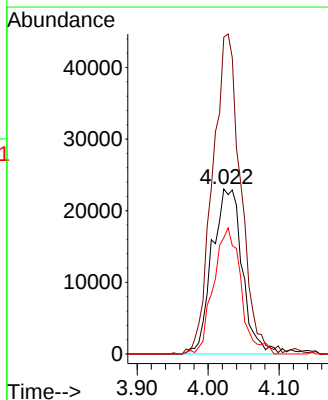
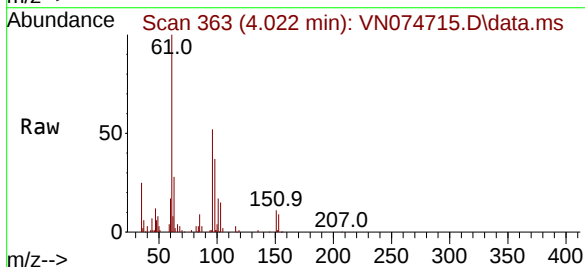
Manual Integrations
APPROVED

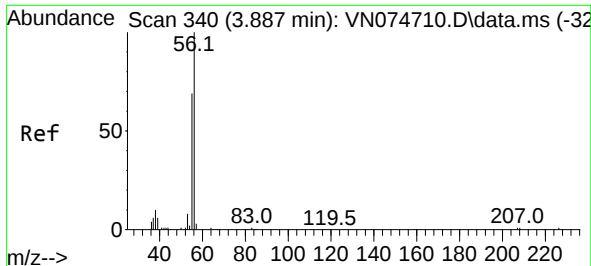
Reviewed By :John Carlone 10/04/2022
Supervised By :Mahesh Dadoda 10/05/2022



#12
1,1-Dichloroethene
Concen: 18.978 ug/l
RT: 4.022 min Scan# 363
Delta R.T. 0.006 min
Lab File: VN074715.D
Acq: 03 Oct 2022 19:03

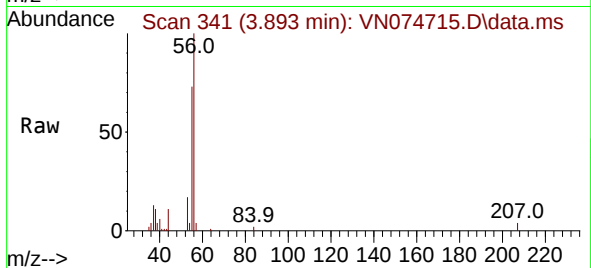
Tgt Ion: 96 Resp: 67764
Ion Ratio Lower Upper
96 100
61 192.0 127.6 191.4#
98 70.5 51.2 76.8





#13
Acrolein
Concen: 90.330 ug/l
RT: 3.893 min Scan# 341
Delta R.T. 0.006 min
Lab File: VN074715.D
Acq: 03 Oct 2022 19:03

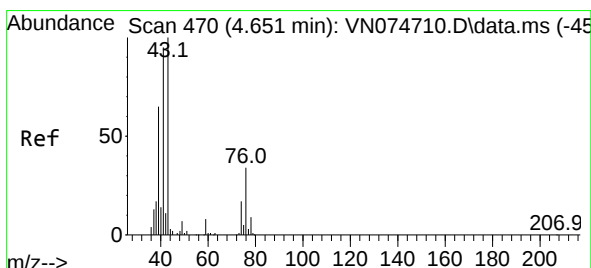
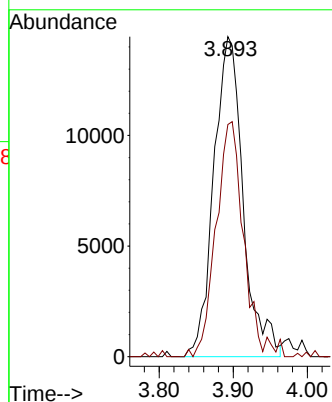
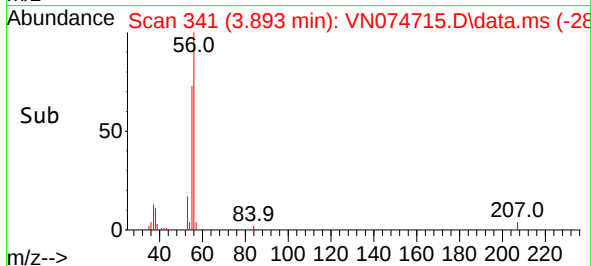
Instrument :
MSVOA_N
ClientSampleId :
VN1003WBS01



Tgt Ion: 56 Resp: 3983
Ion Ratio Lower Upper
56 100
55 66.9 54.8 82.2

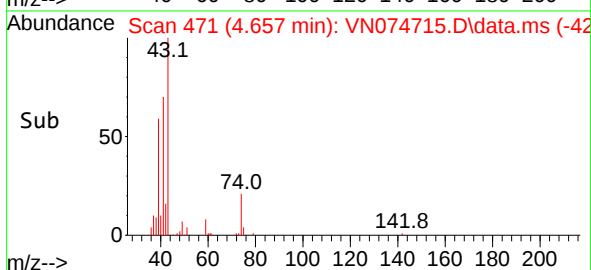
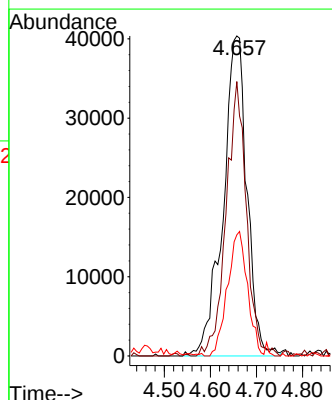
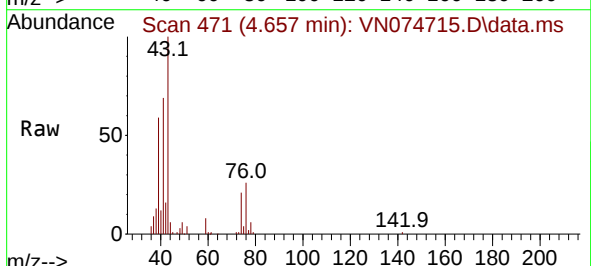
Manual Integrations
APPROVED

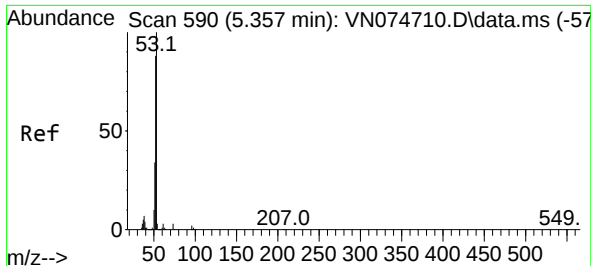
Reviewed By :John Carlone 10/04/2022
Supervised By :Mahesh Dadoda 10/05/2022



#14
Allyl chloride
Concen: 19.880 ug/l
RT: 4.657 min Scan# 471
Delta R.T. 0.000 min
Lab File: VN074715.D
Acq: 03 Oct 2022 19:03

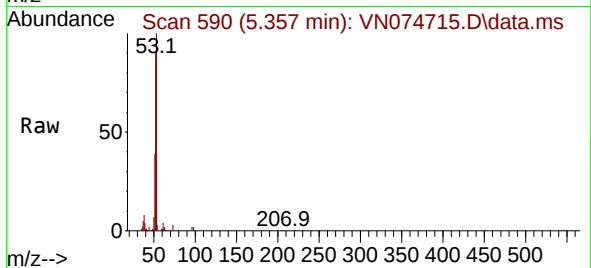
Tgt Ion: 41 Resp: 145771
Ion Ratio Lower Upper
41 100
39 71.8 53.2 79.8
76 32.4 29.9 44.9





#15
Acrylonitrile
Concen: 99.637 ug/l
RT: 5.357 min Scan# 590
Delta R.T. -0.006 min
Lab File: VN074715.D
Acq: 03 Oct 2022 19:03

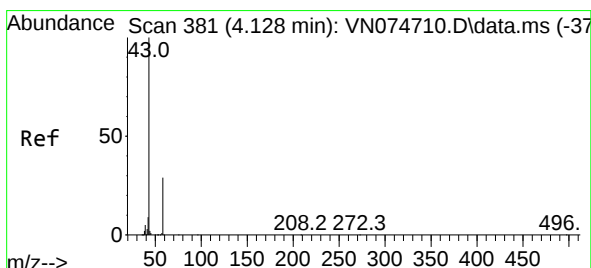
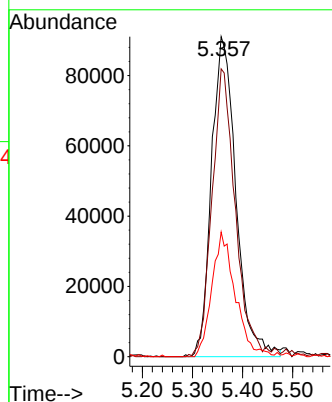
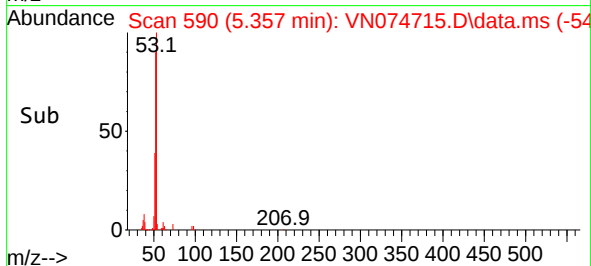
Instrument :
MSVOA_N
ClientSampleId :
VN1003WBS01



Tgt Ion: 53 Resp: 30871
Ion Ratio Lower Upper
53 100
52 85.5 66.4 99.6
51 37.3 28.5 42.7

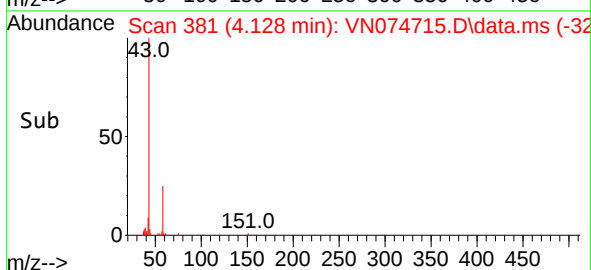
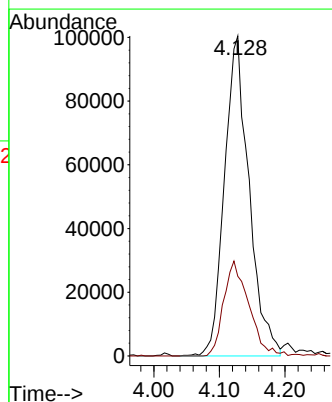
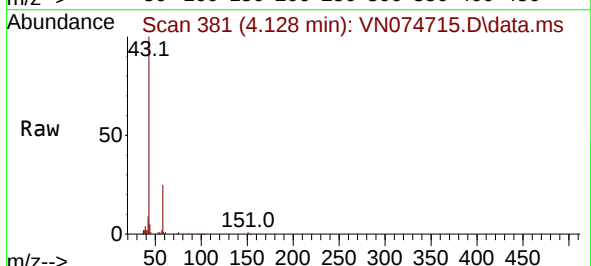
Manual Integrations
APPROVED

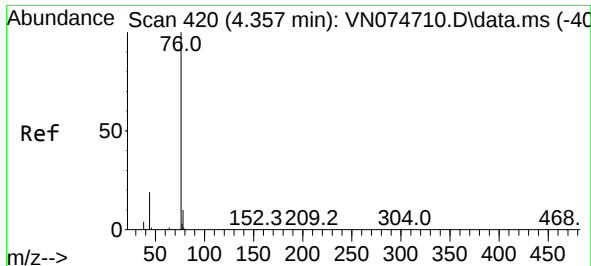
Reviewed By :John Carlone 10/04/2022
Supervised By :Mahesh Dadoda 10/05/2022



#16
Acetone
Concen: 98.276 ug/l
RT: 4.128 min Scan# 381
Delta R.T. 0.006 min
Lab File: VN074715.D
Acq: 03 Oct 2022 19:03

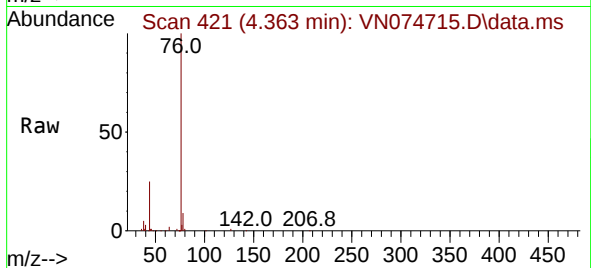
Tgt Ion: 43 Resp: 261158
Ion Ratio Lower Upper
43 100
58 24.9 26.0 39.0#





#17
Carbon Disulfide
Concen: 19.129 ug/l
RT: 4.363 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN074715.D
Acq: 03 Oct 2022 19:03

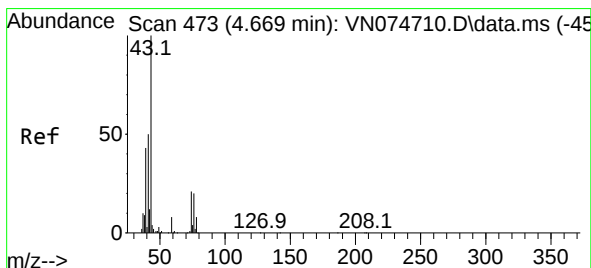
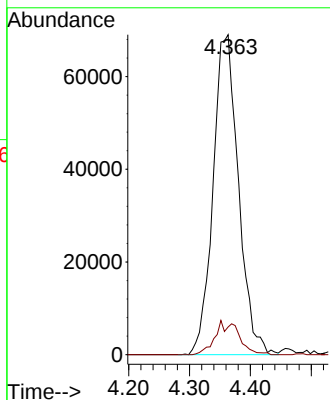
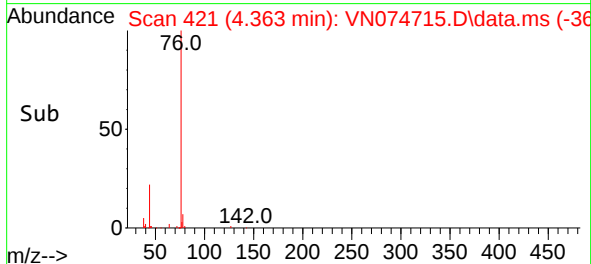
Instrument :
MSVOA_N
ClientSampleId :
VN1003WBS01



Tgt Ion: 76 Resp: 200194
Ion Ratio Lower Upper
76 100
78 8.6 7.2 10.8

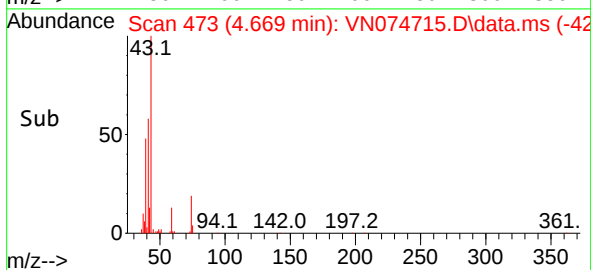
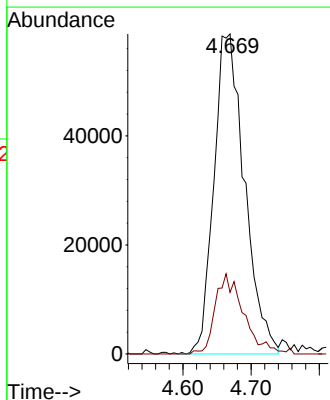
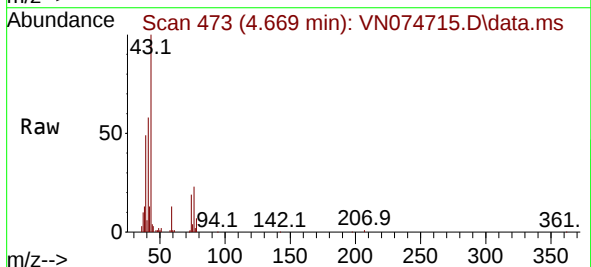
Manual Integrations
APPROVED

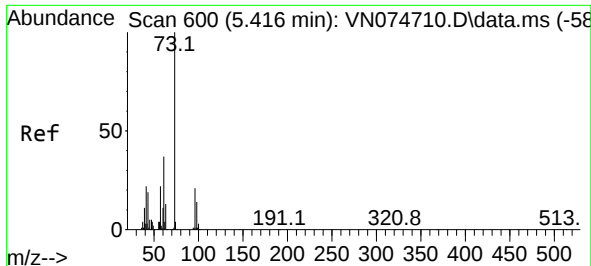
Reviewed By :John Carlone 10/04/2022
Supervised By :Mahesh Dadoda 10/05/2022



#18
Methyl Acetate
Concen: 20.241 ug/l
RT: 4.669 min Scan# 473
Delta R.T. 0.006 min
Lab File: VN074715.D
Acq: 03 Oct 2022 19:03

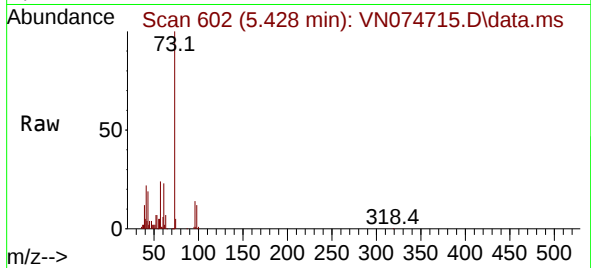
Tgt Ion: 43 Resp: 183537
Ion Ratio Lower Upper
43 100
74 23.1 21.6 32.4





#19
Methyl tert-butyl Ether
Concen: 19.613 ug/l
RT: 5.428 min Scan# 600
Delta R.T. 0.012 min
Lab File: VN074715.D
Acq: 03 Oct 2022 19:03

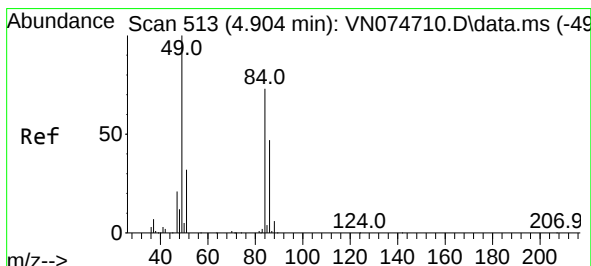
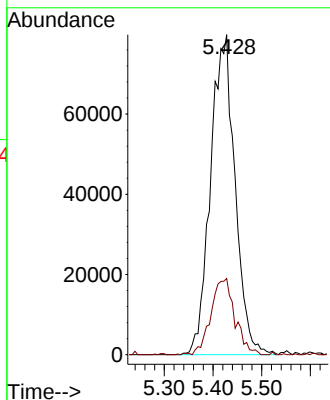
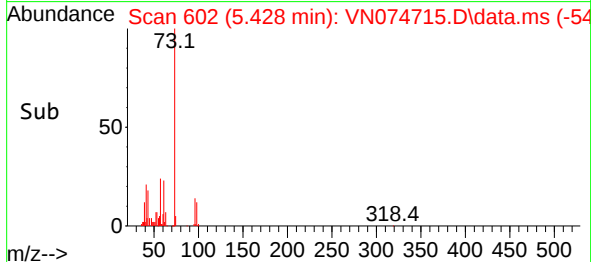
Instrument :
MSVOA_N
ClientSampleId :
VN1003WBS01



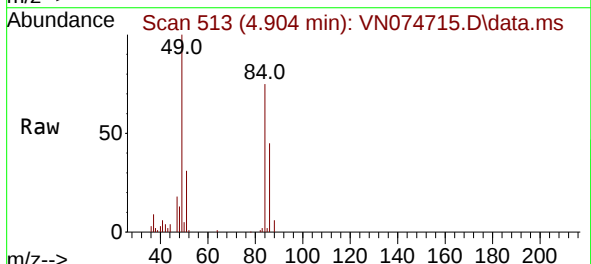
Tgt Ion: 73 Resp: 278620
Ion Ratio Lower Upper
73 100
57 23.8 17.6 26.4

Manual Integrations
APPROVED

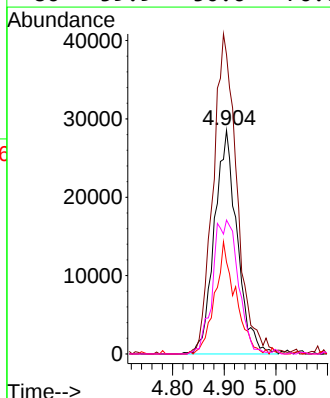
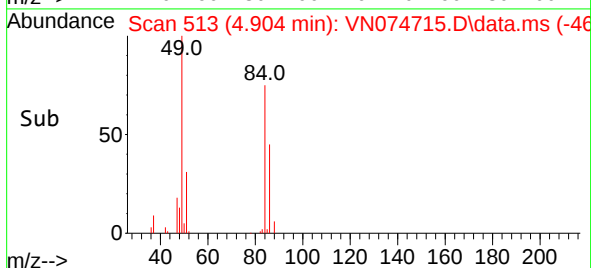
Reviewed By :John Carlone 10/04/2022
Supervised By :Mahesh Dadoda 10/05/2022

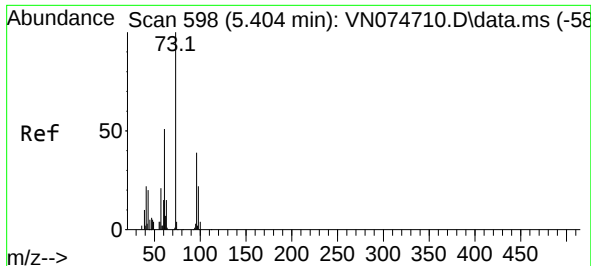


#20
Methylene Chloride
Concen: 19.878 ug/l
RT: 4.904 min Scan# 513
Delta R.T. 0.006 min
Lab File: VN074715.D
Acq: 03 Oct 2022 19:03



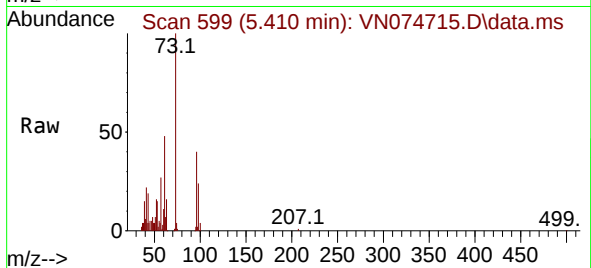
Tgt Ion: 84 Resp: 87413
Ion Ratio Lower Upper
84 100
49 133.9 88.3 132.5#
51 41.1 28.2 42.2
86 59.9 50.6 76.0





#21
trans-1,2-Dichloroethene
Concen: 20.637 ug/l
RT: 5.410 min Scan# 598
Delta R.T. 0.006 min
Lab File: VN074715.D
Acq: 03 Oct 2022 19:03

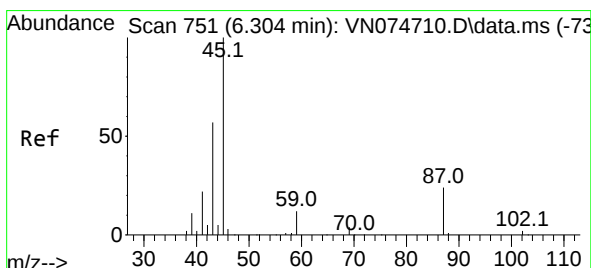
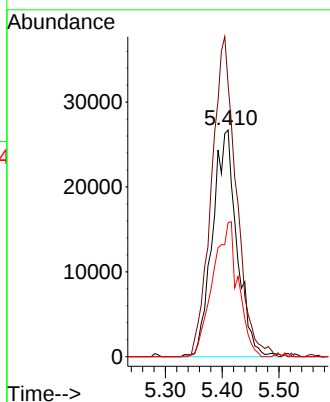
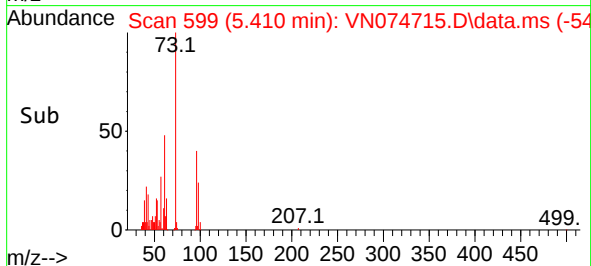
Instrument :
MSVOA_N
ClientSampleId :
VN1003WBS01



Tgt Ion: 96 Resp: 79840
Ion Ratio Lower Upper
96 100
61 119.9 105.8 158.8
98 59.2 50.3 75.5

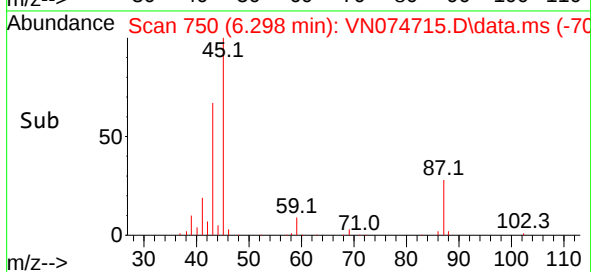
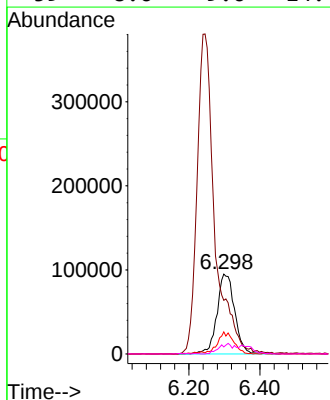
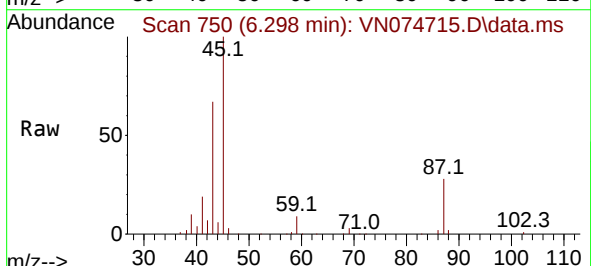
Manual Integrations
APPROVED

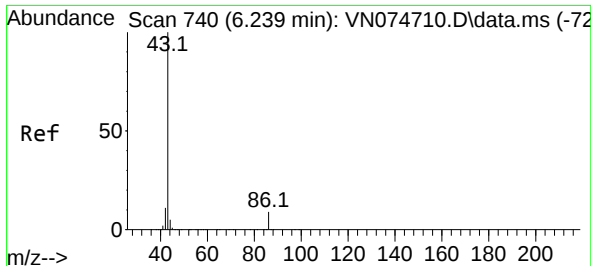
Reviewed By :John Carlone 10/04/2022
Supervised By :Mahesh Dadoda 10/05/2022



#22
Diisopropyl ether
Concen: 20.245 ug/l
RT: 6.298 min Scan# 750
Delta R.T. -0.006 min
Lab File: VN074715.D
Acq: 03 Oct 2022 19:03

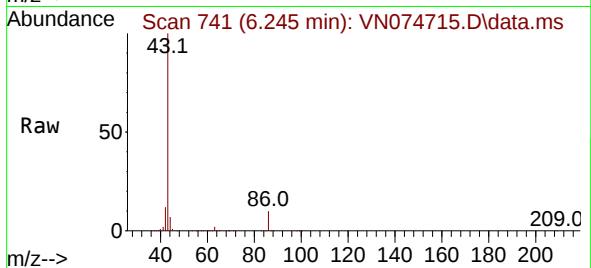
Tgt Ion: 45 Resp: 327143
Ion Ratio Lower Upper
45 100
43 67.1 46.6 70.0
87 27.7 24.3 36.5
59 8.6 9.6 14.4





#23
 Vinyl Acetate
 Concen: 99.382 ug/l
 RT: 6.245 min Scan# 741
 Delta R.T. 0.000 min
 Lab File: VN074715.D
 Acq: 03 Oct 2022 19:03

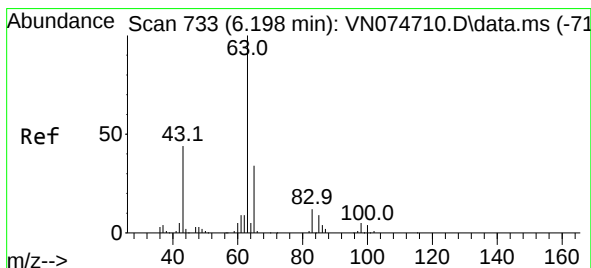
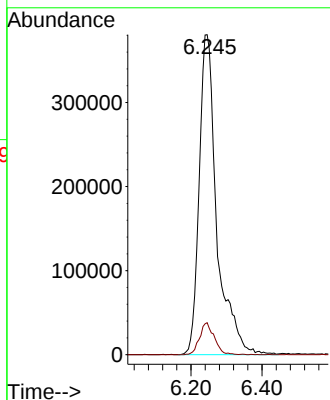
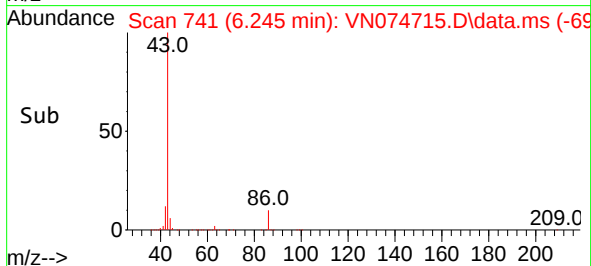
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1003WBS01



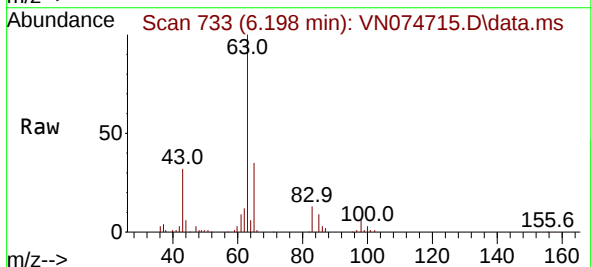
Tgt Ion: 43 Resp: 1318918
 Ion Ratio Lower Upper
 43 100
 86 10.0 10.0 15.0

Manual Integrations
 APPROVED

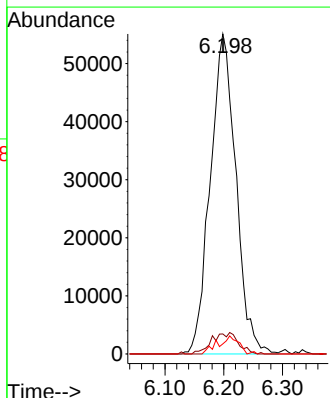
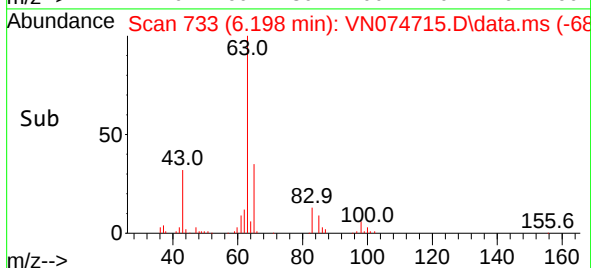
Reviewed By :John Carlone 10/04/2022
 Supervised By :Mahesh Dadoda 10/05/2022

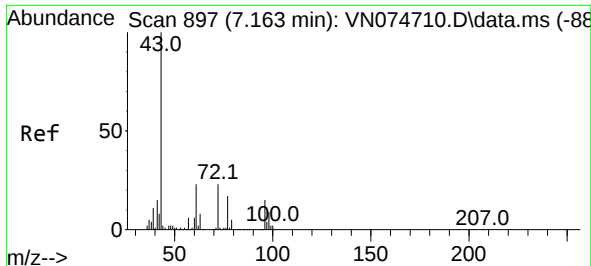


#24
 1,1-Dichloroethane
 Concen: 20.833 ug/l
 RT: 6.198 min Scan# 733
 Delta R.T. 0.000 min
 Lab File: VN074715.D
 Acq: 03 Oct 2022 19:03



Tgt Ion: 63 Resp: 166905
 Ion Ratio Lower Upper
 63 100
 98 6.3 3.5 10.4
 100 3.2 2.3 6.8





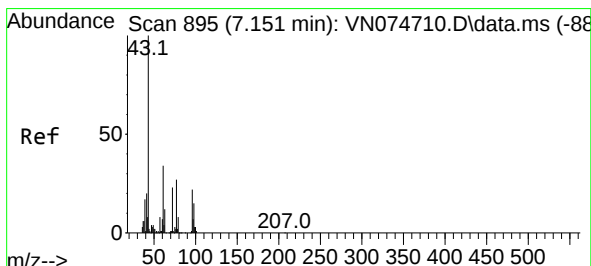
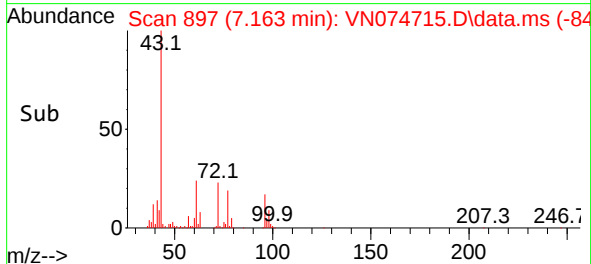
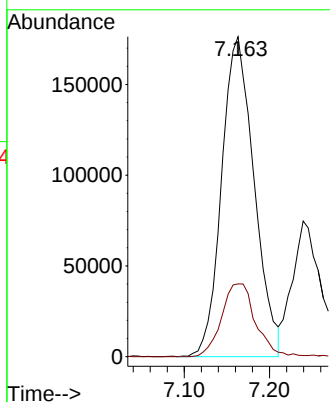
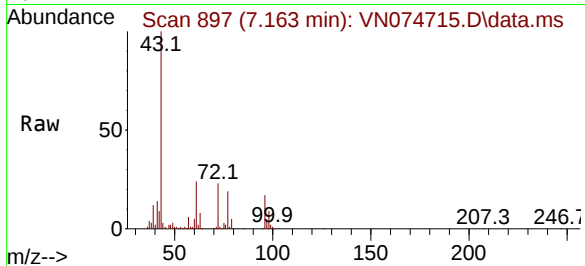
#25
2-Butanone
Concen: 99.012 ug/l
RT: 7.163 min Scan# 897
Delta R.T. 0.000 min
Lab File: VN074715.D
Acq: 03 Oct 2022 19:03

Instrument :
MSVOA_N
Client Sample Id :
VN1003WBS01

Tgt Ion: 43 Resp: 467609
Ion Ratio Lower Upper
43 100
72 22.8 23.7 35.5

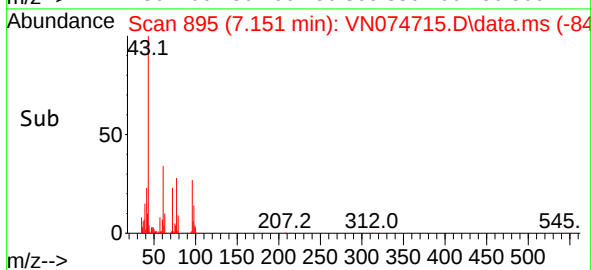
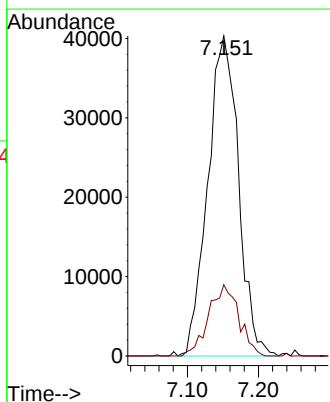
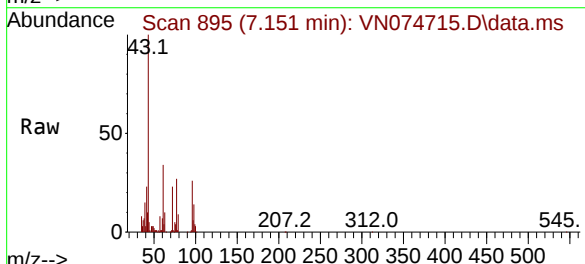
Manual Integrations
APPROVED

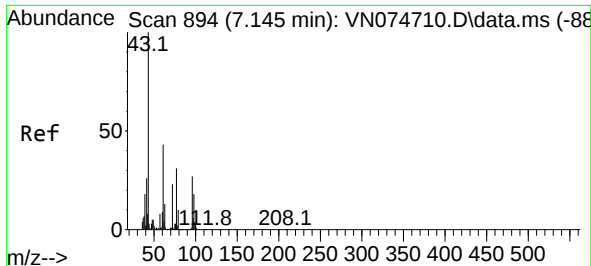
Reviewed By :John Carlone 10/04/2022
Supervised By :Mahesh Dadoda 10/05/2022



#26
2,2-Dichloropropane
Concen: 19.938 ug/l
RT: 7.151 min Scan# 895
Delta R.T. 0.000 min
Lab File: VN074715.D
Acq: 03 Oct 2022 19:03

Tgt Ion: 77 Resp: 121010
Ion Ratio Lower Upper
77 100
97 21.9 11.4 34.2





#27

cis-1,2-Dichloroethene

Concen: 19.853 ug/l

RT: 7.151 min Scan# 894

Delta R.T. 0.000 min

Lab File: VN074715.D

Acq: 03 Oct 2022 19:03

Instrument :

MSVOA_N

ClientSampleId :

VN1003WBS01

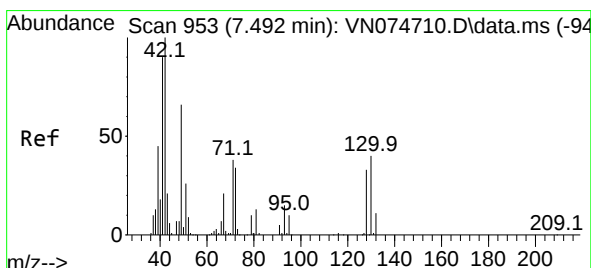
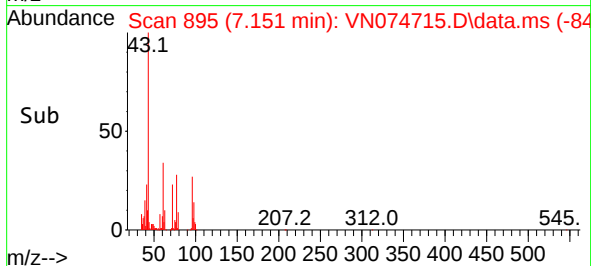
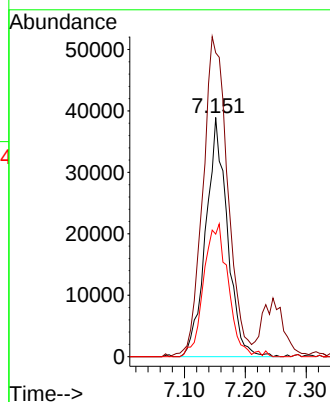
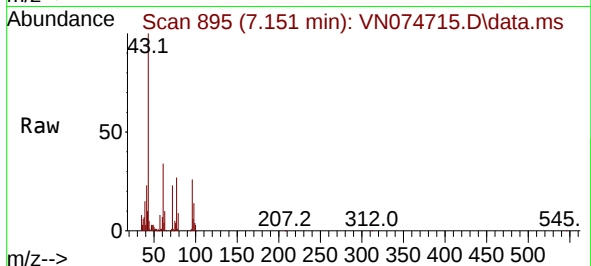
Tgt Ion:	96	Resp:	9597
Ion Ratio	Lower	Upper	
96	100		
61	153.9	0.0	280.6
98	62.8	0.0	128.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/04/2022

Supervised By :Mahesh Dadoda 10/05/2022



#28

Bromochloromethane

Concen: 21.510 ug/l

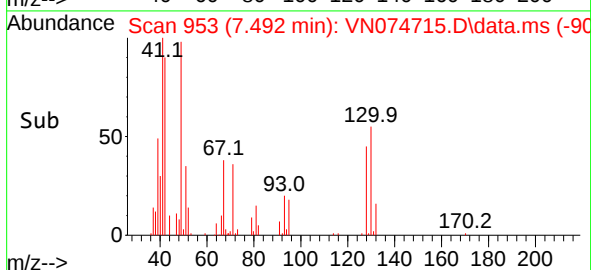
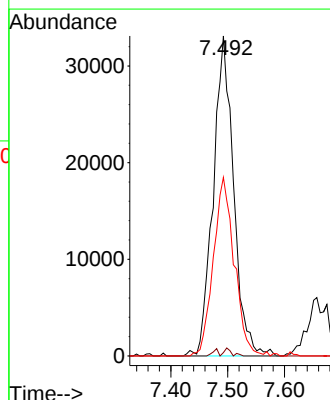
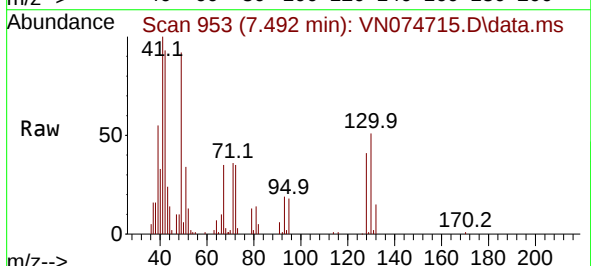
RT: 7.492 min Scan# 953

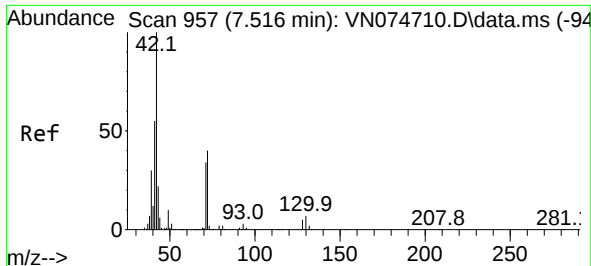
Delta R.T. 0.000 min

Lab File: VN074715.D

Acq: 03 Oct 2022 19:03

Tgt Ion:	49	Resp:	82598
Ion Ratio	Lower	Upper	
49	100		
129	0.9	0.0	4.6
130	57.2	69.7	104.5





#29

Tetrahydrofuran

Concen: 100.196 ug/l

RT: 7.516 min Scan# 91

Delta R.T. -0.000 min

Lab File: VN074715.D

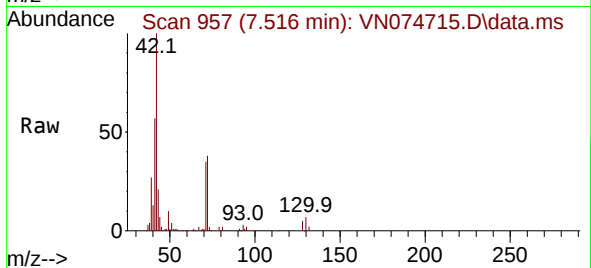
Acq: 03 Oct 2022 19:03

Instrument :

MSVOA_N

ClientSampleId :

VN1003WBS01



Tgt Ion: 42 Resp: 311770

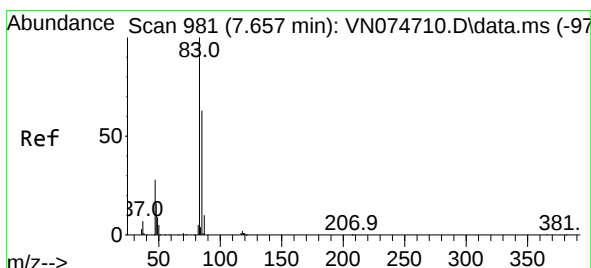
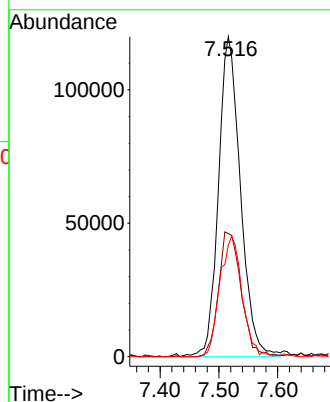
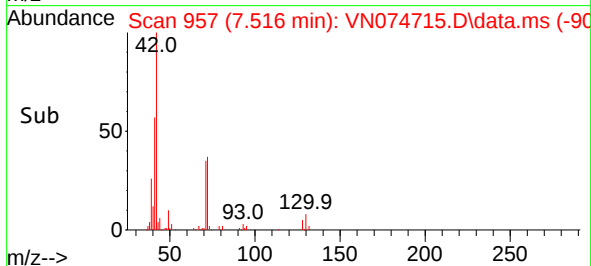
Ion	Ratio	Lower	Upper
42	100		
72	40.1	39.7	59.5
71	38.1	36.6	55.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/04/2022

Supervised By :Mahesh Dadoda 10/05/2022



#30

Chloroform

Concen: 20.648 ug/l

RT: 7.663 min Scan# 982

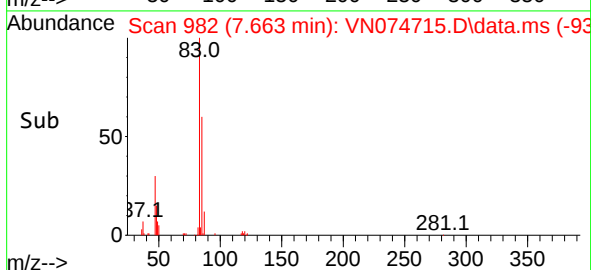
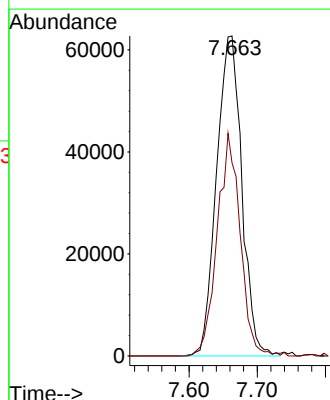
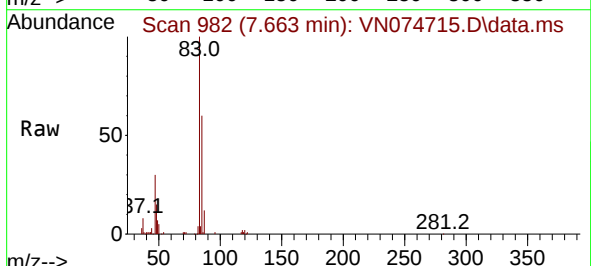
Delta R.T. 0.006 min

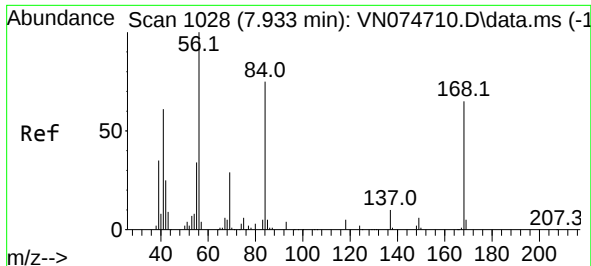
Lab File: VN074715.D

Acq: 03 Oct 2022 19:03

Tgt Ion: 83 Resp: 161751

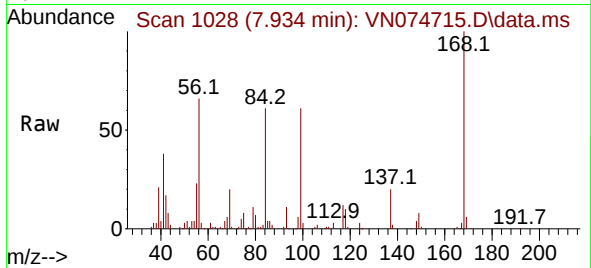
Ion	Ratio	Lower	Upper
83	100		
85	60.3	51.8	77.8





#31
Cyclohexane
Concen: 19.184 ug/l
RT: 7.934 min Scan# 1028
Delta R.T. 0.001 min
Lab File: VN074715.D
Acq: 03 Oct 2022 19:03

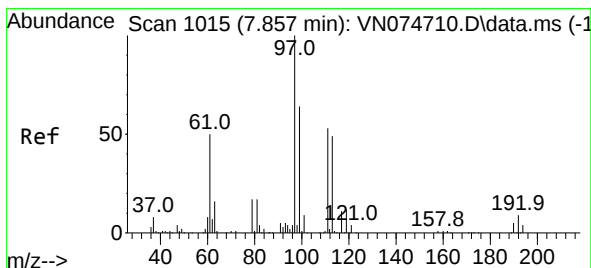
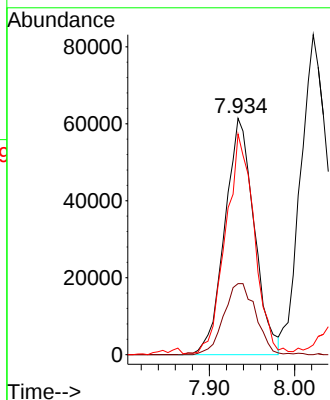
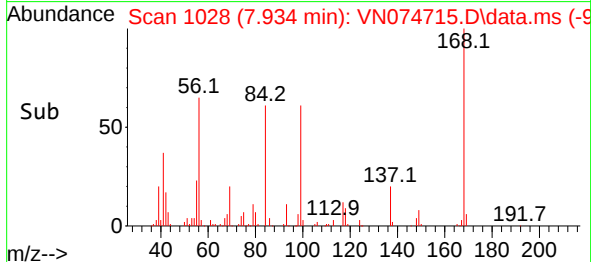
Instrument :
MSVOA_N
ClientSampleId :
VN1003WBS01



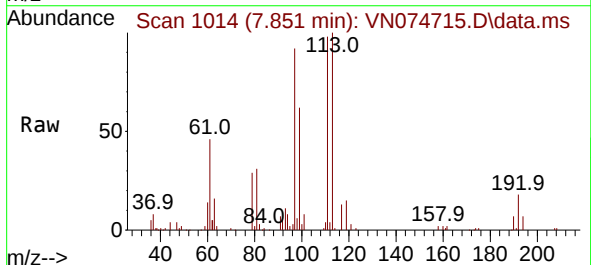
Tgt Ion: 56 Resp: 14783
Ion Ratio Lower Upper
56 100
69 30.0 27.8 41.8
84 91.4 76.9 115.3

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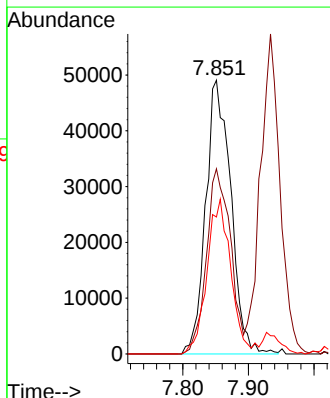
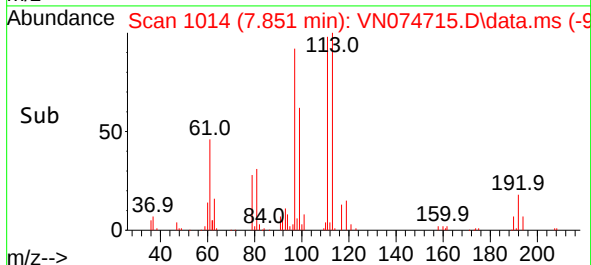
Reviewed By :John Carlone 10/04/2022
Supervised By :Mahesh Dadoda 10/05/2022

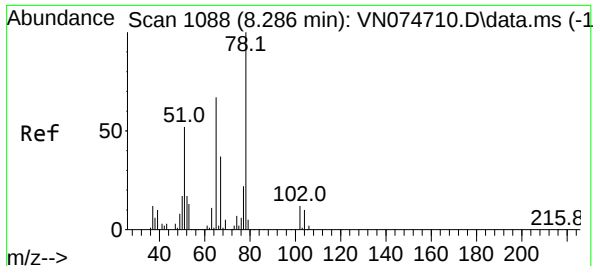


#32
1,1,1-Trichloroethane
Concen: 19.358 ug/l
RT: 7.851 min Scan# 1014
Delta R.T. 0.000 min
Lab File: VN074715.D
Acq: 03 Oct 2022 19:03



Tgt Ion: 97 Resp: 130457
Ion Ratio Lower Upper
97 100
99 64.6 50.6 76.0
61 53.1 36.0 54.0





#33

1,2-Dichloroethane-d4

Concen: 51.455 ug/l

RT: 8.287 min Scan# 1088

Delta R.T. 0.001 min

Lab File: VN074715.D

Acq: 03 Oct 2022 19:03

Instrument :

MSVOA_N

ClientSampleId :

VN1003WBS01

Tgt Ion: 65 Resp: 256604

Ion Ratio Lower Upper

65 100

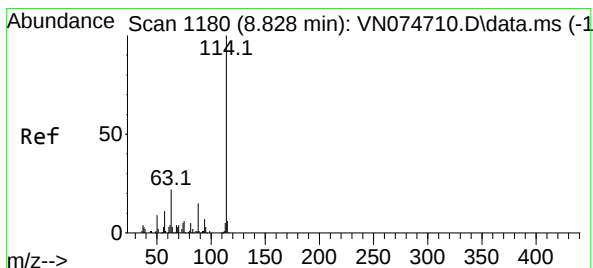
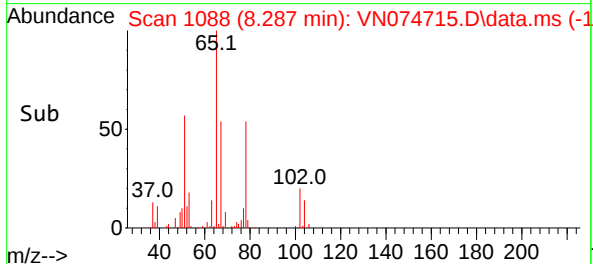
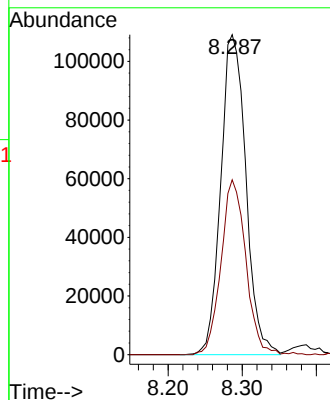
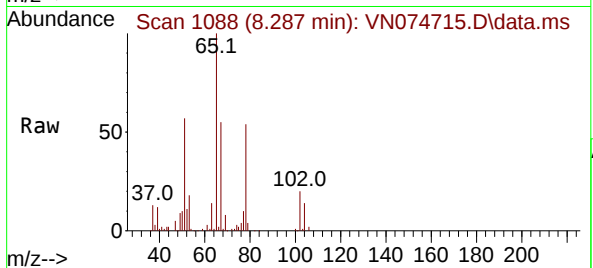
67 54.0 0.0 104.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/04/2022

Supervised By :Mahesh Dadoda 10/05/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.828 min Scan# 1180

Delta R.T. -0.000 min

Lab File: VN074715.D

Acq: 03 Oct 2022 19:03

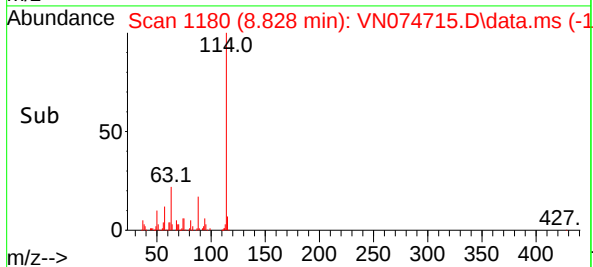
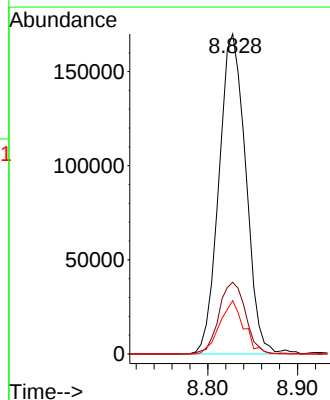
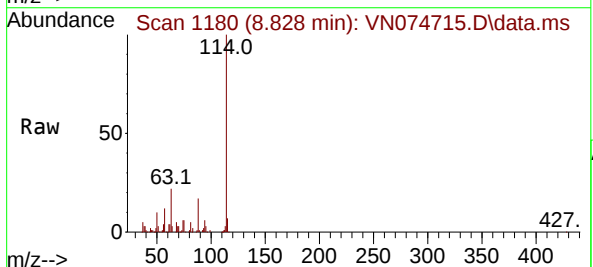
Tgt Ion:114 Resp: 351510

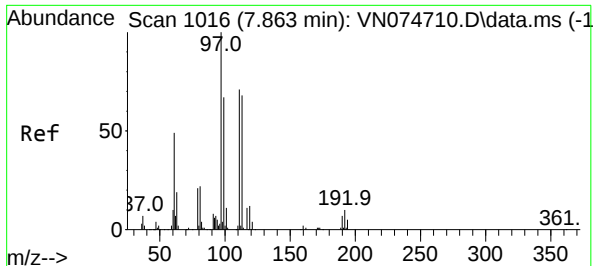
Ion Ratio Lower Upper

114 100

63 22.4 0.0 40.0

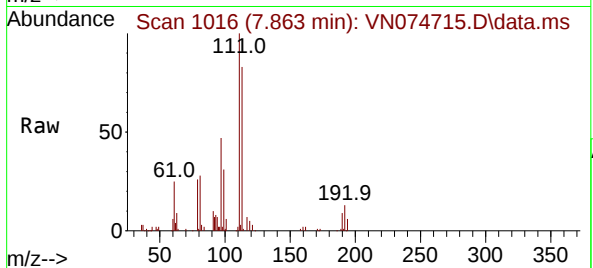
88 16.6 0.0 32.6





#35
Dibromofluoromethane
Concen: 50.535 ug/l
RT: 7.863 min Scan# 1016
Delta R.T. -0.006 min
Lab File: VN074715.D
Acq: 03 Oct 2022 19:03

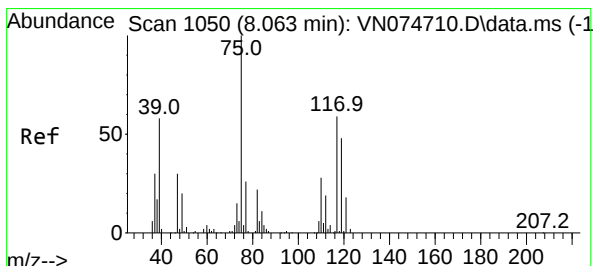
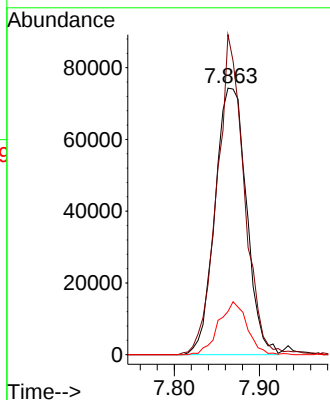
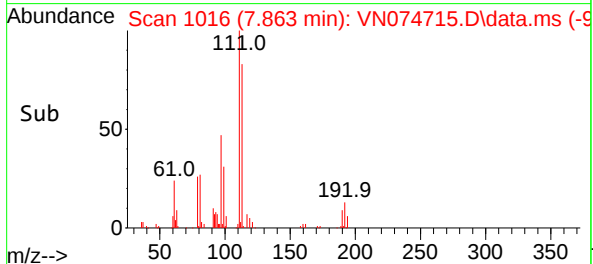
Instrument :
MSVOA_N
ClientSampleId :
VN1003WBS01



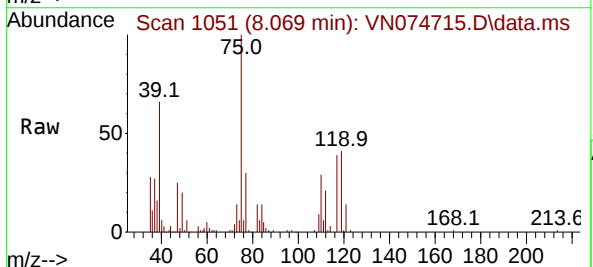
Tgt Ion:113 Resp: 190964
Ion Ratio Lower Upper
113 100
111 104.3 81.4 122.0
192 18.0 17.0 25.6

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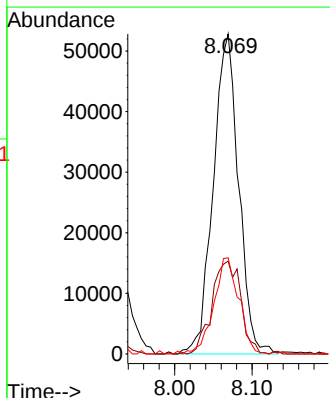
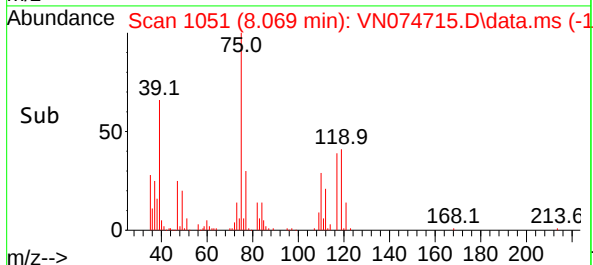
Reviewed By :John Carlone 10/04/2022
Supervised By :Mahesh Dadoda 10/05/2022

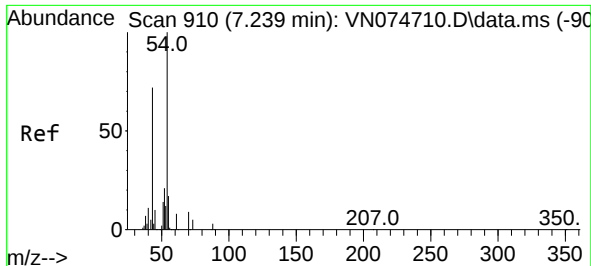


#36
1,1-Dichloropropene
Concen: 19.565 ug/l
RT: 8.069 min Scan# 1051
Delta R.T. -0.000 min
Lab File: VN074715.D
Acq: 03 Oct 2022 19:03



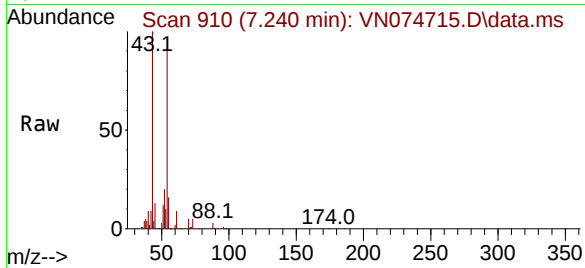
Tgt Ion: 75 Resp: 120409
Ion Ratio Lower Upper
75 100
110 32.9 18.3 54.8
77 29.8 25.1 37.7





#37
Ethyl Acetate
Concen: 20.062 ug/l
RT: 7.240 min Scan# 910
Delta R.T. -0.005 min
Lab File: VN074715.D
Acq: 03 Oct 2022 19:03

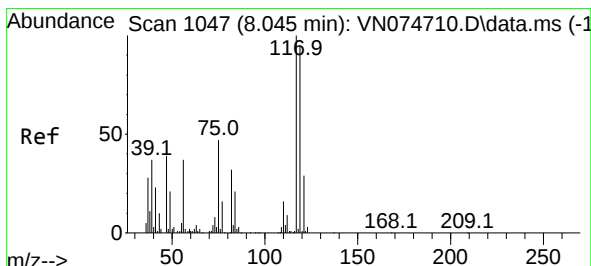
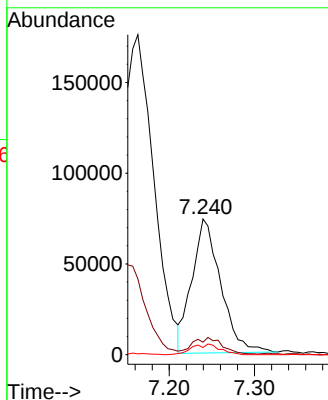
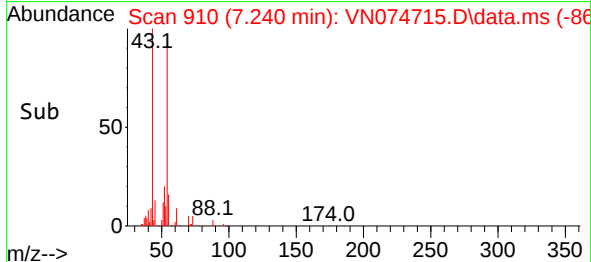
Instrument :
MSVOA_N
ClientSampleId :
VN1003WBS01



Tgt Ion: 43 Resp: 173379
Ion Ratio Lower Upper
43 100
61 12.6 11.8 17.6
70 7.8 9.3 13.9

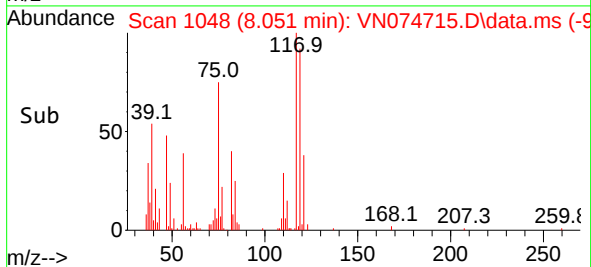
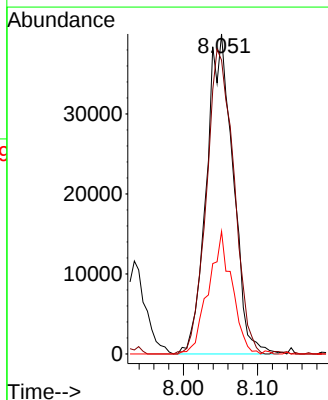
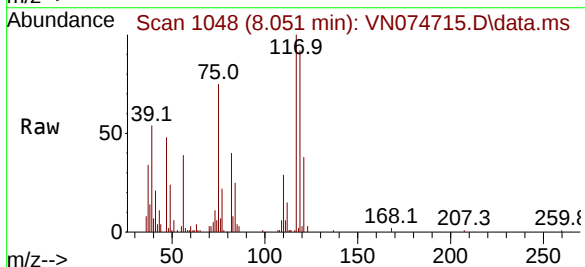
Manual Integrations
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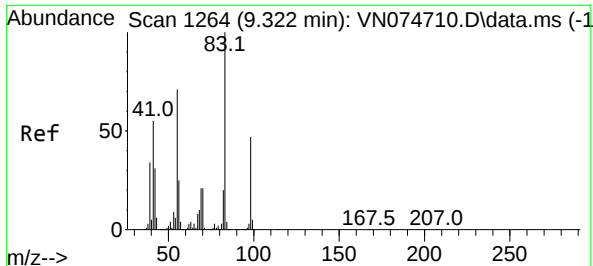
Reviewed By :John Carlone 10/04/2022
Supervised By :Mahesh Dadoda 10/05/2022



#38
Carbon Tetrachloride
Concen: 18.352 ug/l
RT: 8.051 min Scan# 1048
Delta R.T. -0.006 min
Lab File: VN074715.D
Acq: 03 Oct 2022 19:03

Tgt Ion:117 Resp: 99879
Ion Ratio Lower Upper
117 100
119 91.1 75.8 113.8
121 38.3 24.6 37.0





#39

Methylcyclohexane

Concen: 19.705 ug/l

RT: 9.316 min Scan# 1263

Delta R.T. -0.000 min

Lab File: VN074715.D

Acq: 03 Oct 2022 19:03

Instrument :

MSVOA_N

ClientSampleId :

VN1003WBS01

Tgt Ion: 83 Resp: 146898

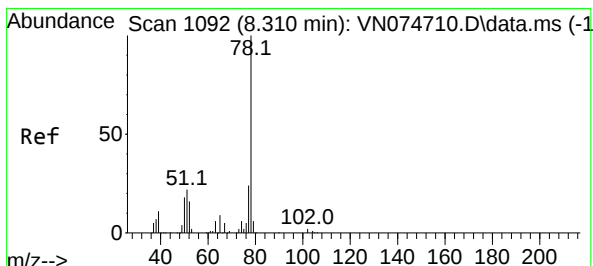
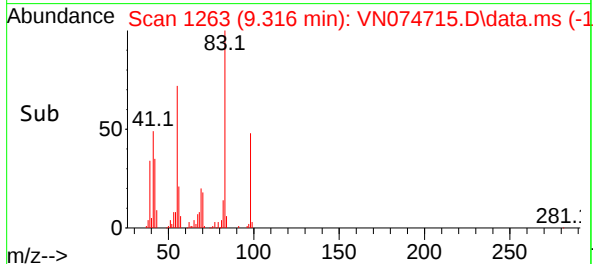
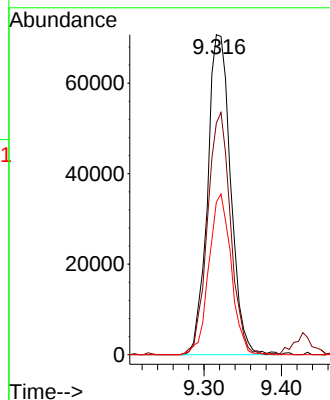
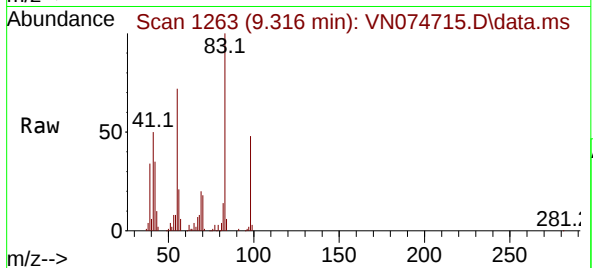
Ion	Ratio	Lower	Upper
83	100		
55	72.4	57.8	86.8
98	47.7	39.4	59.2

Manual Integrations

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Reviewed By :John Carlone 10/04/2022

Supervised By :Mahesh Dadoda 10/05/2022



#40

Benzene

Concen: 20.055 ug/l

RT: 8.310 min Scan# 1092

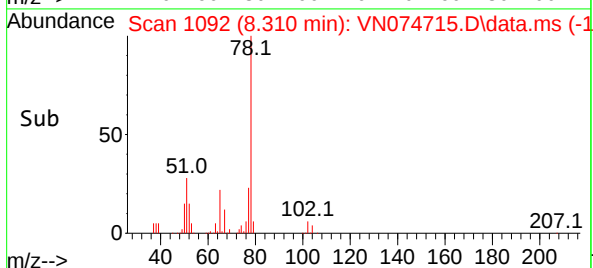
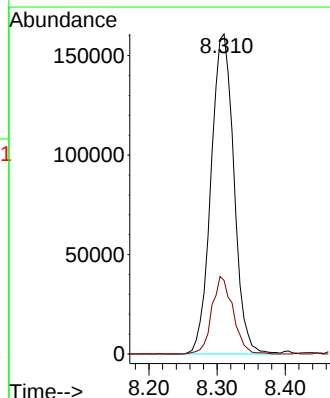
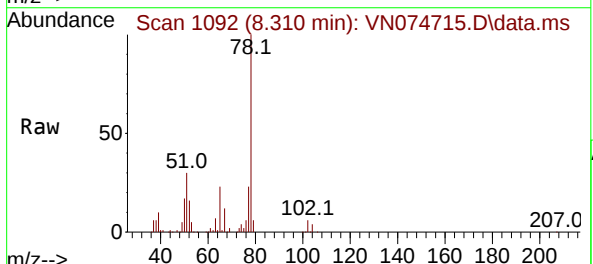
Delta R.T. 0.000 min

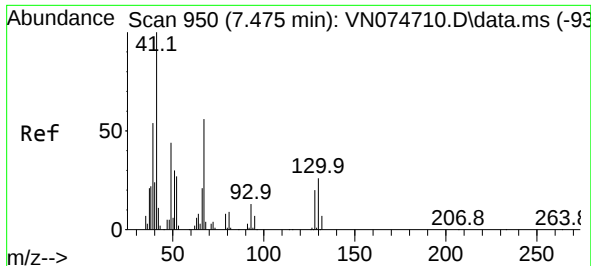
Lab File: VN074715.D

Acq: 03 Oct 2022 19:03

Tgt Ion: 78 Resp: 376305

Ion	Ratio	Lower	Upper
78	100		
77	23.0	19.4	29.0





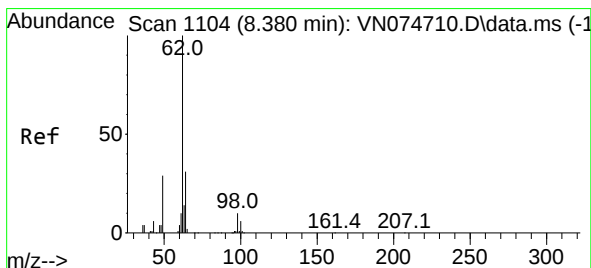
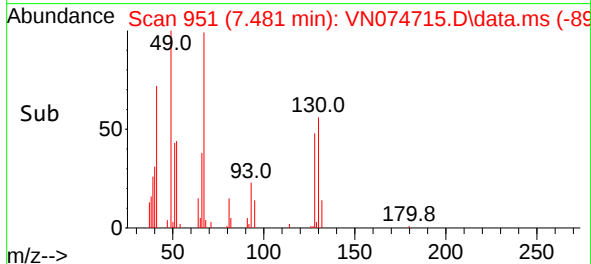
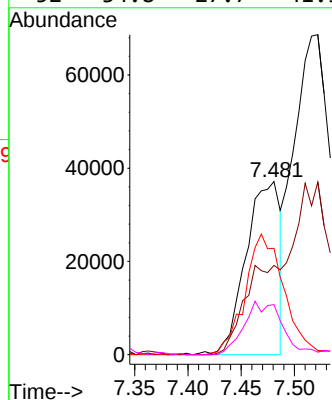
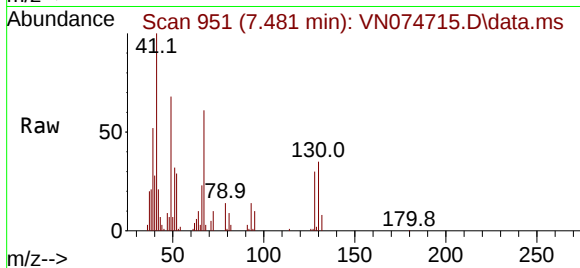
#41
Methacrylonitrile
Concen: 19.738 ug/l
RT: 7.481 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN074715.D
Acq: 03 Oct 2022 19:03

Instrument :
MSVOA_N
ClientSampleId :
VN1003WBS01

Tgt Ion: 41 Resp: 82838
Ion Ratio Lower Upper
41 100
39 38.6 48.6 73.0
67 79.2 73.4 110.2
52 34.8 27.7 41.5

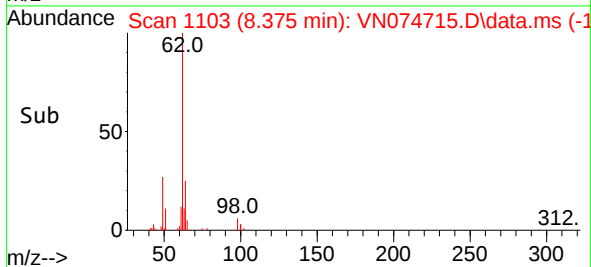
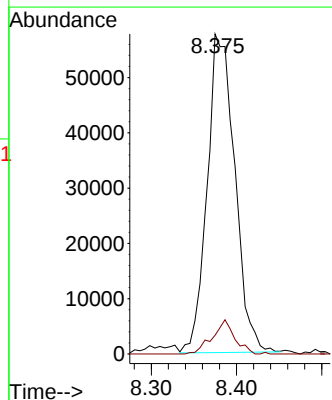
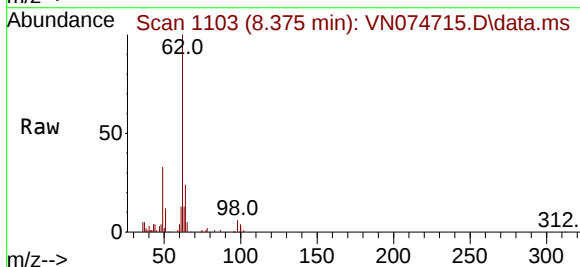
Manual Integrations
APPROVED

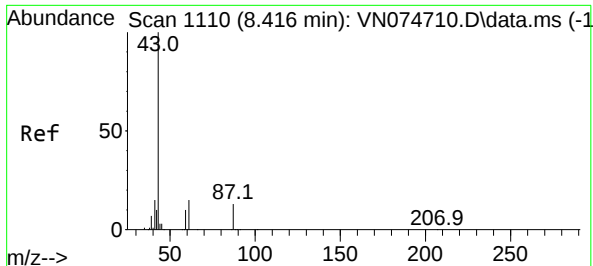
Reviewed By :John Carlone 10/04/2022
Supervised By :Mahesh Dadoda 10/05/2022



#42
1,2-Dichloroethane
Concen: 20.240 ug/l
RT: 8.375 min Scan# 1103
Delta R.T. -0.005 min
Lab File: VN074715.D
Acq: 03 Oct 2022 19:03

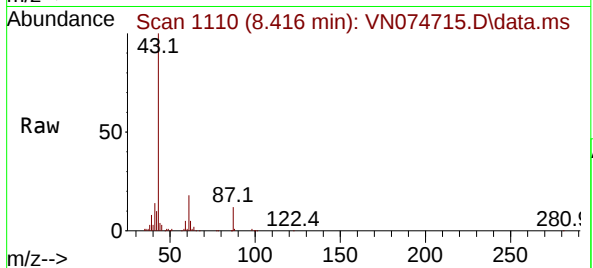
Tgt Ion: 62 Resp: 129981
Ion Ratio Lower Upper
62 100
98 8.6 0.0 19.4





#43
Isopropyl Acetate
Concen: 20.869 ug/l
RT: 8.416 min Scan# 1110
Delta R.T. -0.000 min
Lab File: VN074715.D
Acq: 03 Oct 2022 19:03

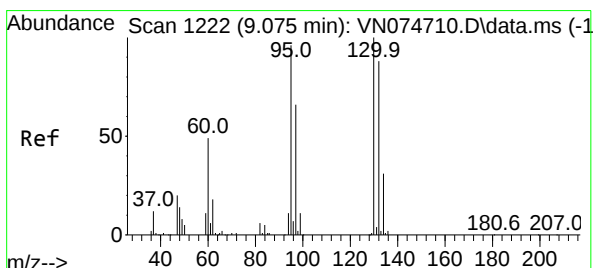
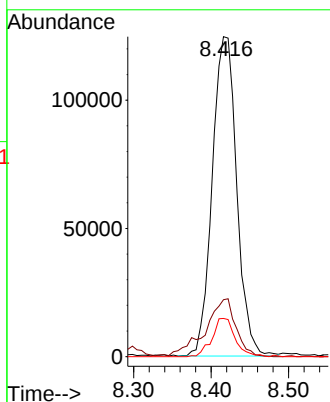
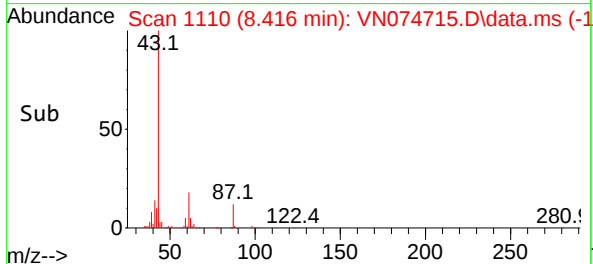
Instrument :
MSVOA_N
ClientSampleId :
VN1003WBS01



Tgt Ion: 43 Resp: 274050
Ion Ratio Lower Upper
43 100
61 23.0 21.9 32.9
87 11.3 12.0 18.0

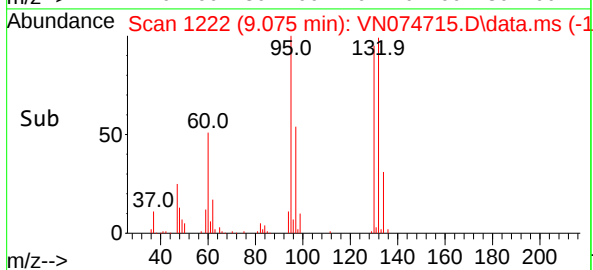
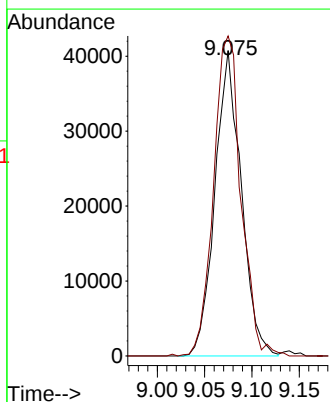
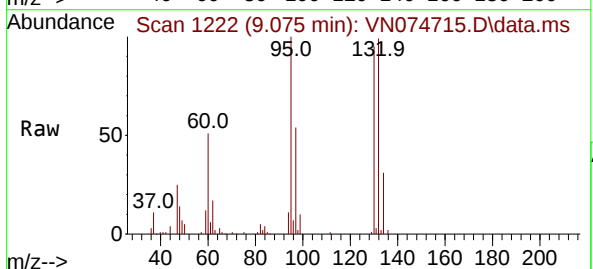
Manual Integrations
APPROVED

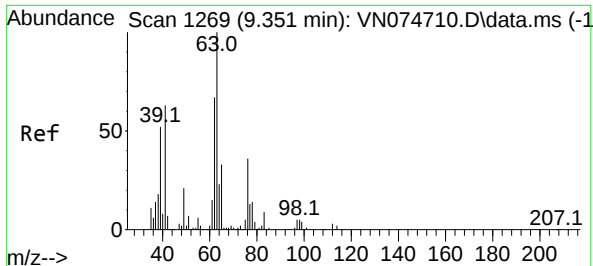
Reviewed By :John Carlone 10/04/2022
Supervised By :Mahesh Dadoda 10/05/2022



#44
Trichloroethene
Concen: 18.995 ug/l
RT: 9.075 min Scan# 1222
Delta R.T. -0.000 min
Lab File: VN074715.D
Acq: 03 Oct 2022 19:03

Tgt Ion:130 Resp: 78691
Ion Ratio Lower Upper
130 100
95 104.8 0.0 186.8





#45

1,2-Dichloropropane

Concen: 19.459 ug/l

RT: 9.351 min Scan# 1269

Delta R.T. 0.000 min

Lab File: VN074715.D

Acq: 03 Oct 2022 19:03

Instrument :

MSVOA_N

ClientSampleId :

VN1003WBS01

Tgt Ion: 63 Resp: 9685

Ion Ratio Lower Upper

63 100

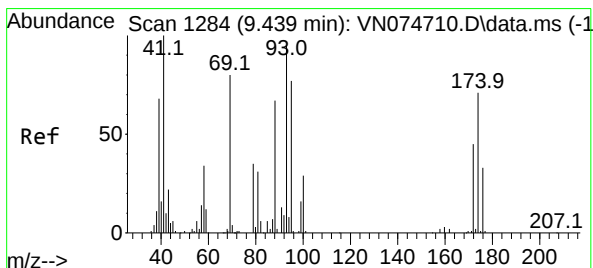
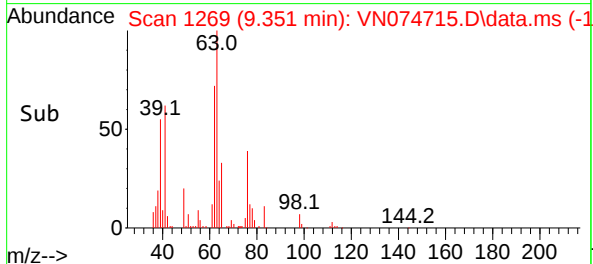
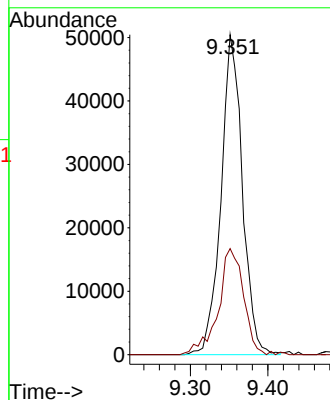
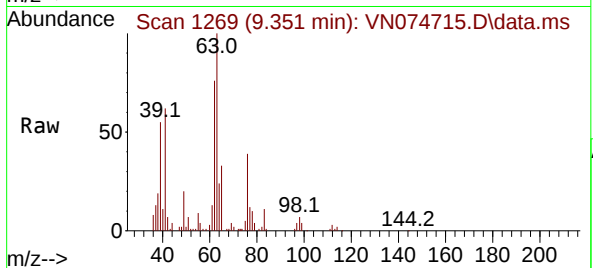
65 33.1 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/04/2022

Supervised By :Mahesh Dadoda 10/05/2022



#46

Dibromomethane

Concen: 18.471 ug/l

RT: 9.439 min Scan# 1284

Delta R.T. 0.000 min

Lab File: VN074715.D

Acq: 03 Oct 2022 19:03

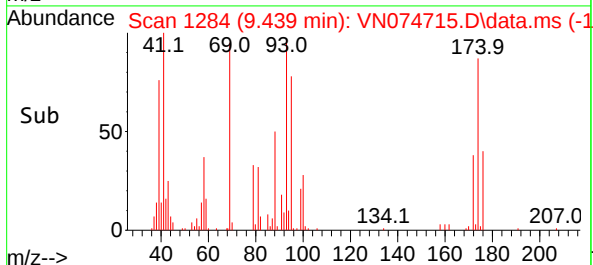
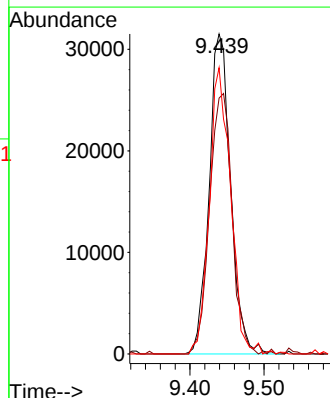
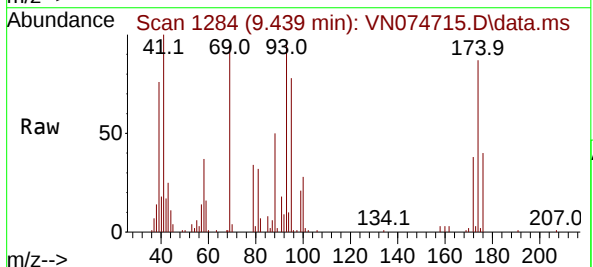
Tgt Ion: 93 Resp: 63458

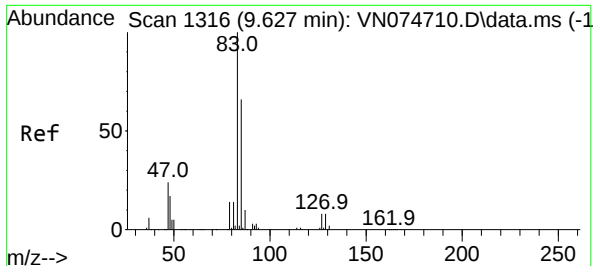
Ion Ratio Lower Upper

93 100

95 85.6 66.9 100.3

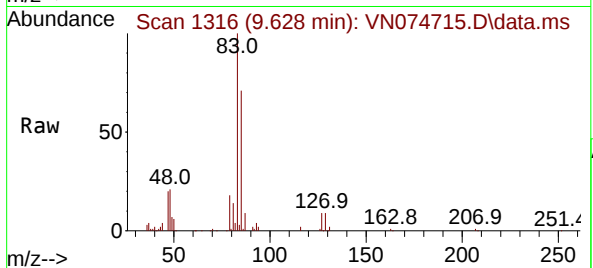
174 88.7 86.6 130.0





#47
Bromodichloromethane
Concen: 19.592 ug/l
RT: 9.628 min Scan# 1316
Delta R.T. 0.001 min
Lab File: VN074715.D
Acq: 03 Oct 2022 19:03

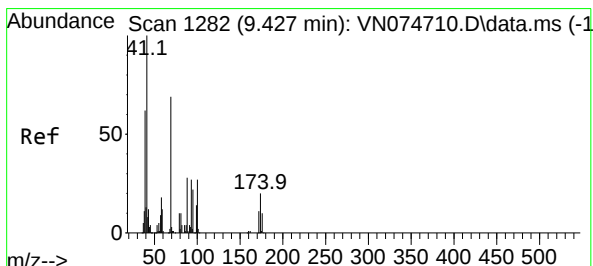
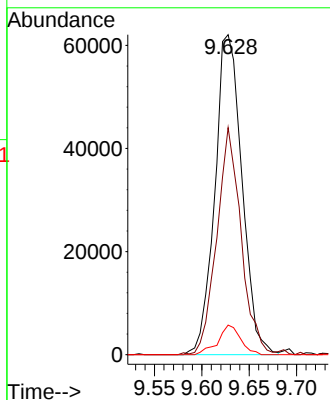
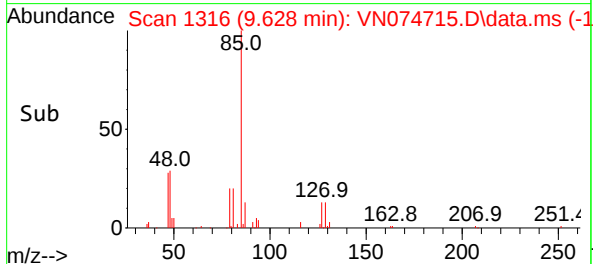
Instrument :
MSVOA_N
ClientSampleId :
VN1003WBS01



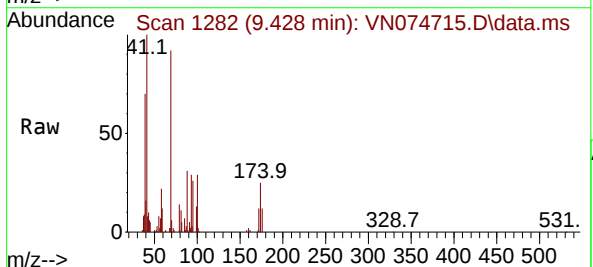
Tgt Ion: 83 Resp: 12367
Ion Ratio Lower Upper
83 100
85 71.0 50.5 75.7
127 9.3 6.8 10.2

Manual Integrations
APPROVED

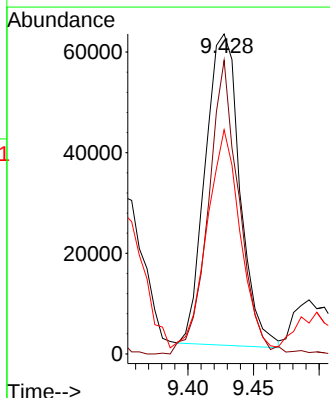
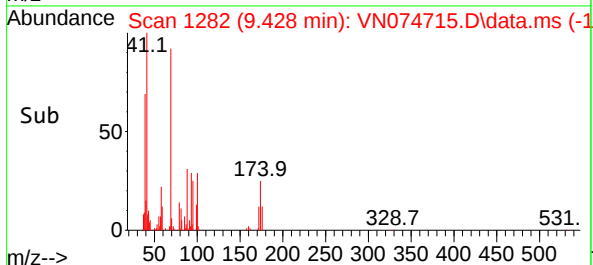
Reviewed By :John Carlone 10/04/2022
Supervised By :Mahesh Dadoda 10/05/2022

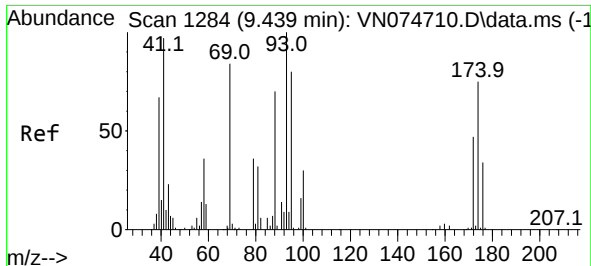


#48
Methyl methacrylate
Concen: 18.899 ug/l
RT: 9.428 min Scan# 1282
Delta R.T. 0.001 min
Lab File: VN074715.D
Acq: 03 Oct 2022 19:03



Tgt Ion: 41 Resp: 113706
Ion Ratio Lower Upper
41 100
69 83.2 74.7 112.1
39 71.6 45.6 68.4





#49

1,4-Dioxane

Concen: 406.915 ug/l

RT: 9.434 min Scan# 1283

Delta R.T. 0.001 min

Lab File: VN074715.D

Acq: 03 Oct 2022 19:03

Instrument :

MSVOA_N

ClientSampleId :

VN1003WBS01

Tgt Ion: 88 Resp: 45278

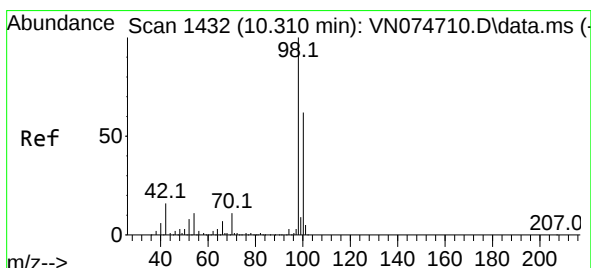
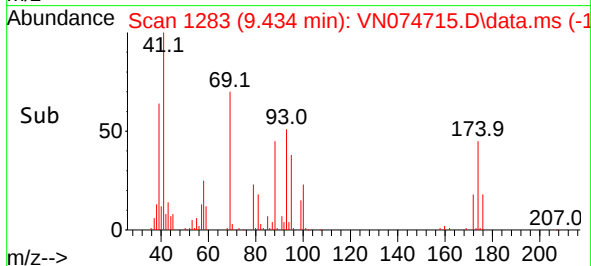
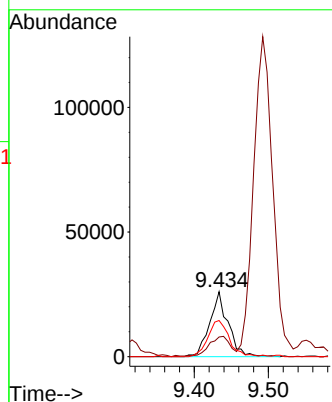
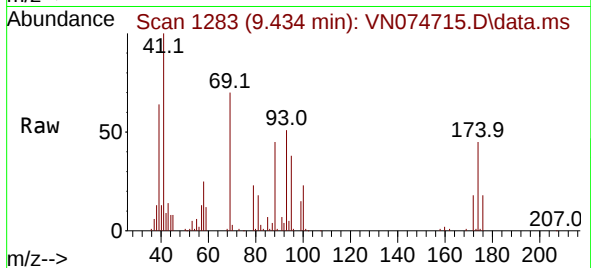
Ion	Ratio	Lower	Upper
88	100		
43	36.6	20.2	30.4
58	63.7	54.2	81.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/04/2022

Supervised By :Mahesh Dadoda 10/05/2022



#50

Toluene-d8

Concen: 50.918 ug/l

RT: 10.310 min Scan# 1432

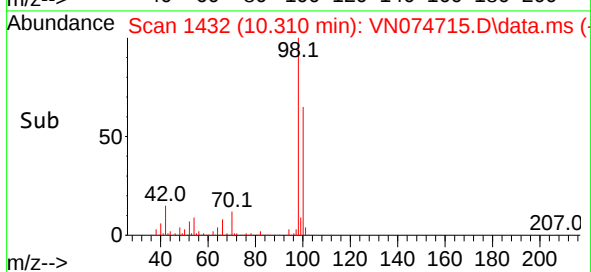
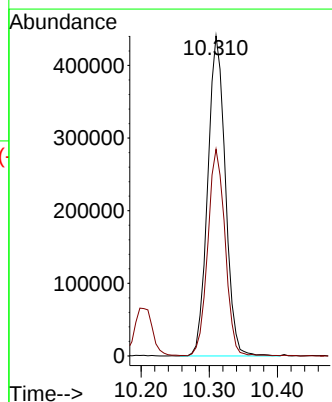
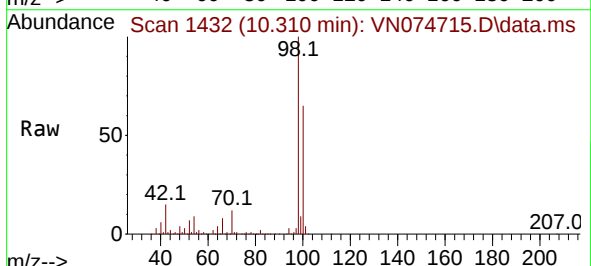
Delta R.T. -0.000 min

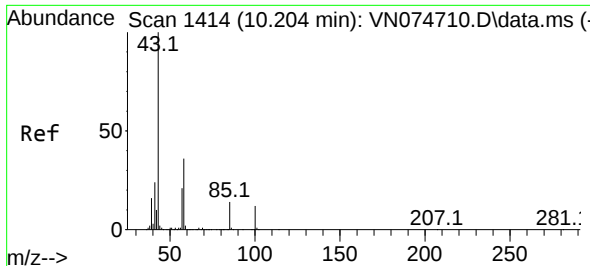
Lab File: VN074715.D

Acq: 03 Oct 2022 19:03

Tgt Ion: 98 Resp: 790866

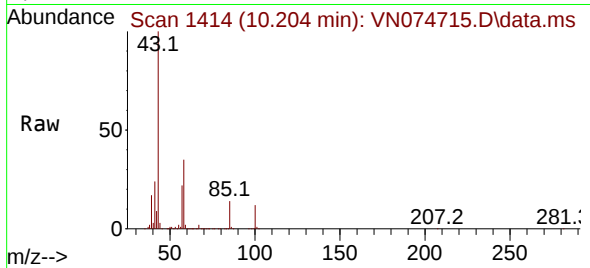
Ion	Ratio	Lower	Upper
98	100		
100	63.4	52.6	78.8





#51
4-Methyl-2-Pentanone
Concen: 99.401 ug/l
RT: 10.204 min Scan# 1414
Delta R.T. 0.000 min
Lab File: VN074715.D
Acq: 03 Oct 2022 19:03

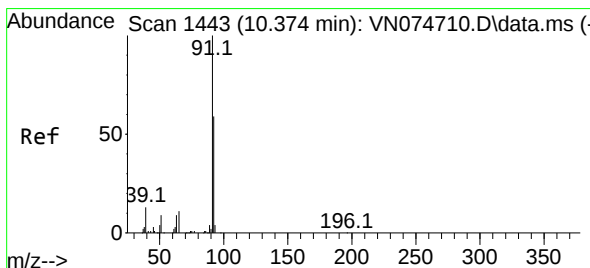
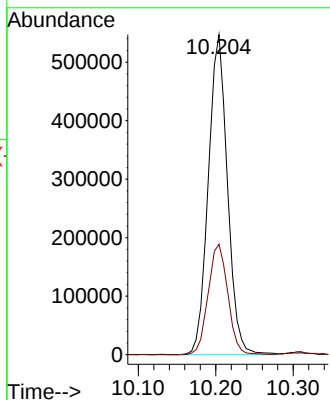
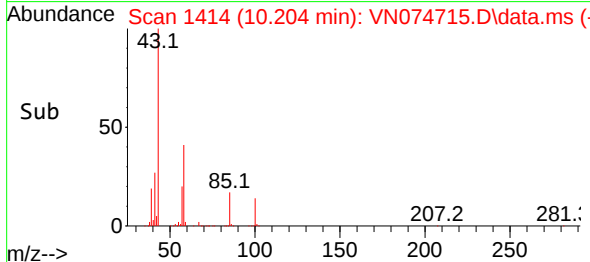
Instrument :
MSVOA_N
ClientSampleId :
VN1003WBS01



Tgt Ion: 43 Resp: 94044
Ion Ratio Lower Upper
43 100
58 35.5 34.1 51.1

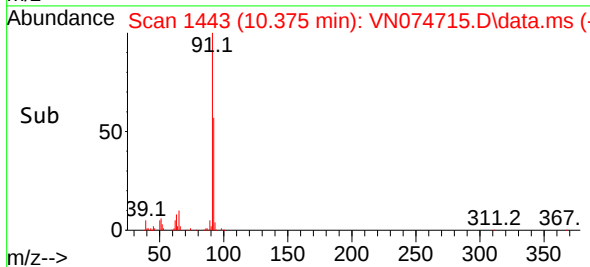
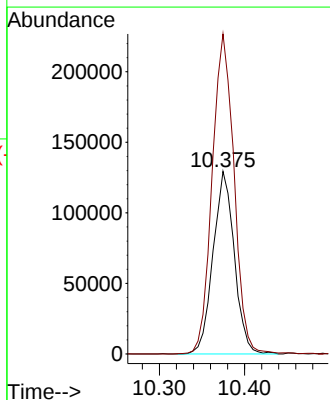
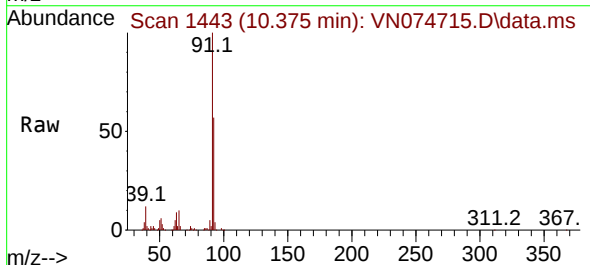
Manual Integrations
APPROVED

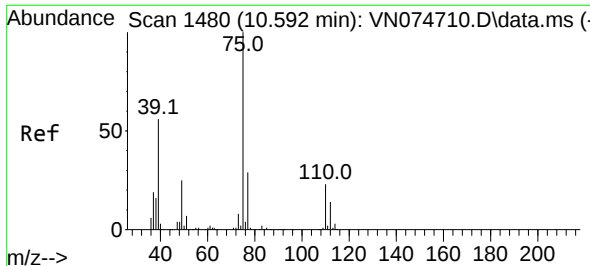
Reviewed By :John Carlone 10/04/2022
Supervised By :Mahesh Dadoda 10/05/2022



#52
Toluene
Concen: 19.680 ug/l
RT: 10.375 min Scan# 1443
Delta R.T. 0.001 min
Lab File: VN074715.D
Acq: 03 Oct 2022 19:03

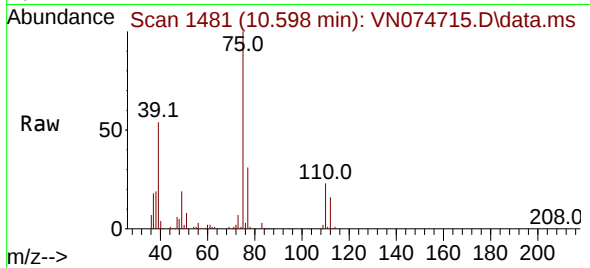
Tgt Ion: 92 Resp: 224657
Ion Ratio Lower Upper
92 100
91 180.6 138.6 207.8





#53
t-1,3-Dichloropropene
Concen: 20.297 ug/l
RT: 10.598 min Scan# 1480
Delta R.T. 0.006 min
Lab File: VN074715.D
Acq: 03 Oct 2022 19:03

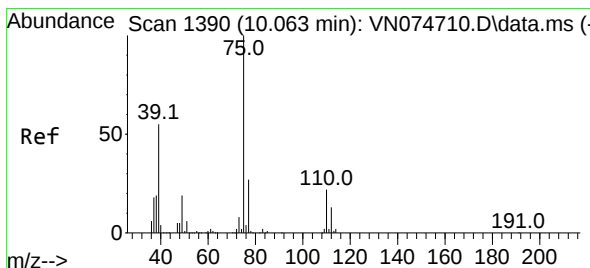
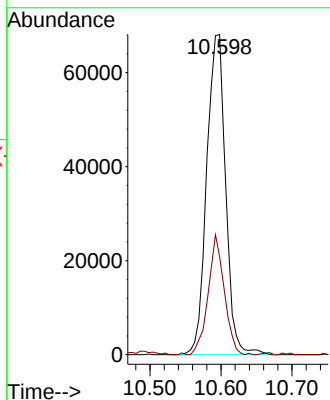
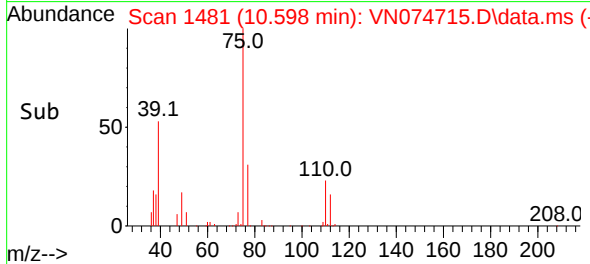
Instrument :
MSVOA_N
ClientSampleId :
VN1003WBS01



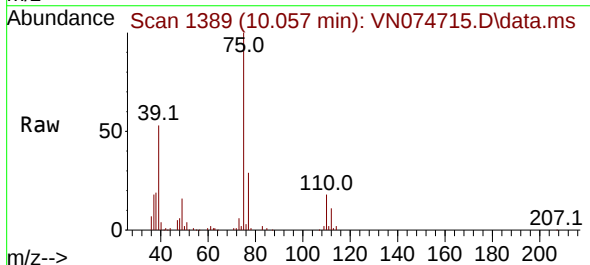
Tgt Ion: 75 Resp: 12627
Ion Ratio Lower Upper
75 100
77 30.6 25.6 38.4

Manual Integrations
APPROVED

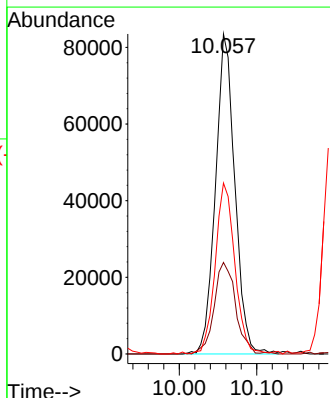
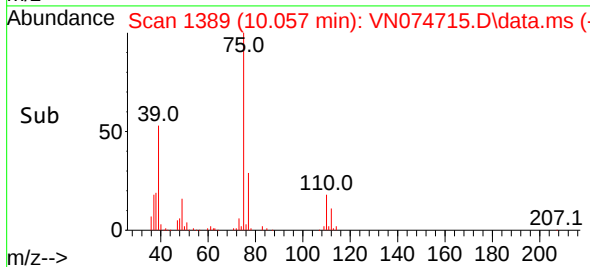
Reviewed By :John Carlone 10/04/2022
Supervised By :Mahesh Dadoda 10/05/2022

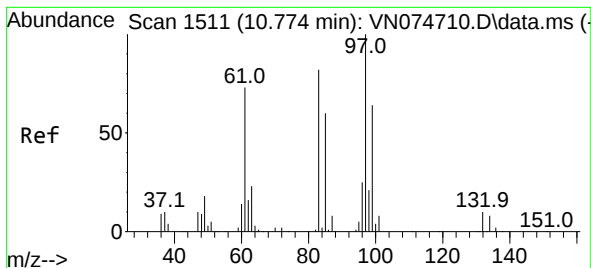


#54
cis-1,3-Dichloropropene
Concen: 20.852 ug/l
RT: 10.057 min Scan# 1389
Delta R.T. -0.000 min
Lab File: VN074715.D
Acq: 03 Oct 2022 19:03



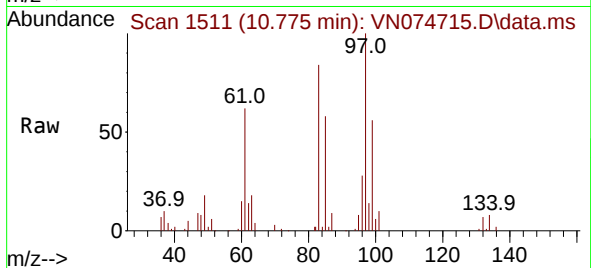
Tgt Ion: 75 Resp: 145103
Ion Ratio Lower Upper
75 100
77 28.6 25.2 37.8
39 53.4 35.7 53.5





#55
1,1,2-Trichloroethane
Concen: 20.340 ug/l
RT: 10.775 min Scan# 1511
Delta R.T. 0.001 min
Lab File: VN074715.D
Acq: 03 Oct 2022 19:03

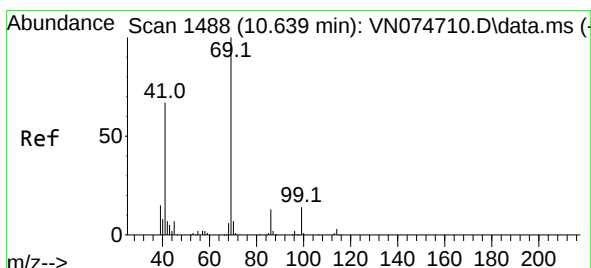
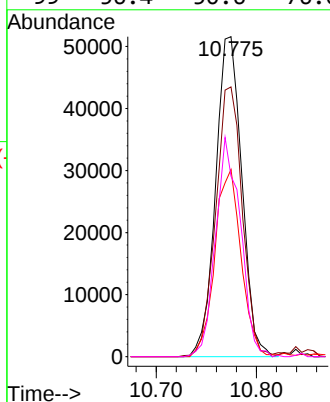
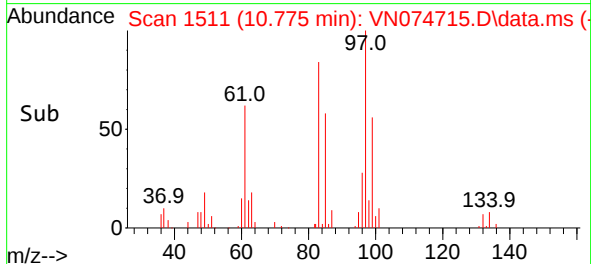
Instrument :
MSVOA_N
ClientSampleId :
VN1003WBS01



Tgt Ion: 97 Resp: 9340
Ion Ratio Lower Upper
97 100
83 84.3 66.2 99.4
85 58.5 43.9 65.9
99 56.4 50.6 76.0

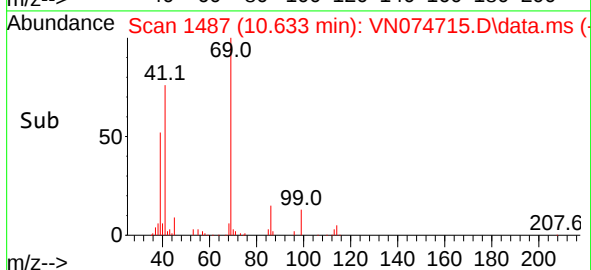
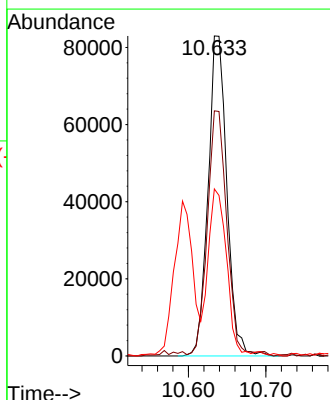
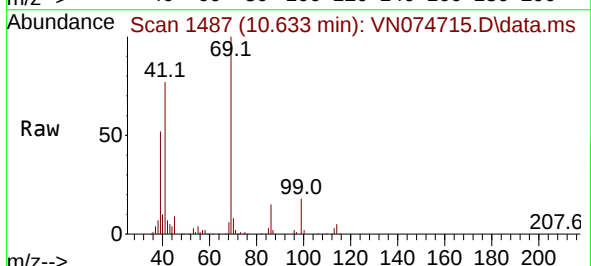
Manual Integrations
APPROVED

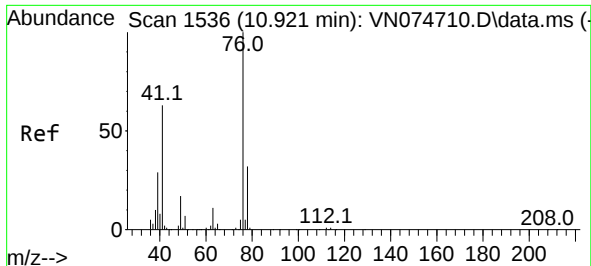
Reviewed By :John Carlone 10/04/2022
Supervised By :Mahesh Dadoda 10/05/2022



#56
Ethyl methacrylate
Concen: 19.348 ug/l
RT: 10.633 min Scan# 1487
Delta R.T. -0.006 min
Lab File: VN074715.D
Acq: 03 Oct 2022 19:03

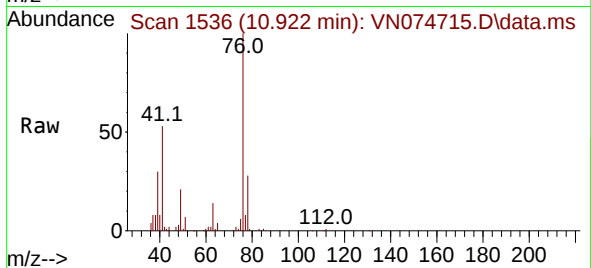
Tgt Ion: 69 Resp: 139861
Ion Ratio Lower Upper
69 100
41 79.9 47.8 71.6#
39 49.3 27.3 40.9#





#57
1,3-Dichloropropane
Concen: 19.827 ug/l
RT: 10.922 min Scan# 1536
Delta R.T. 0.006 min
Lab File: VN074715.D
Acq: 03 Oct 2022 19:03

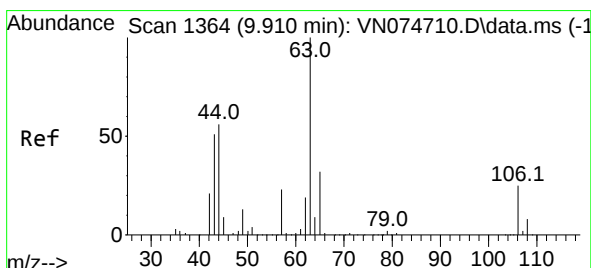
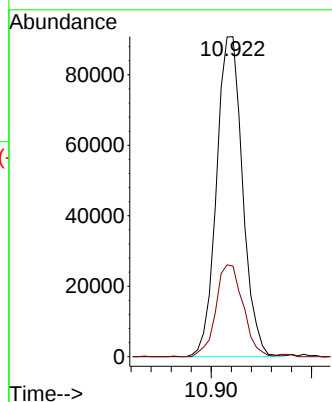
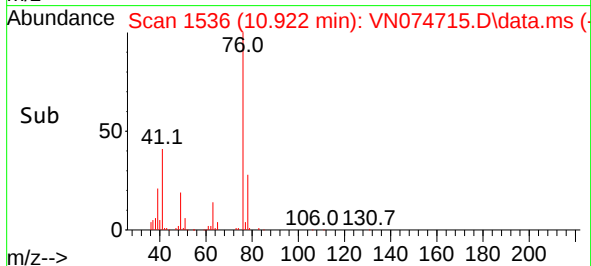
Instrument :
MSVOA_N
ClientSampleId :
VN1003WBS01



Tgt Ion: 76 Resp: 16358
Ion Ratio Lower Upper
76 100
78 29.9 26.2 39.2

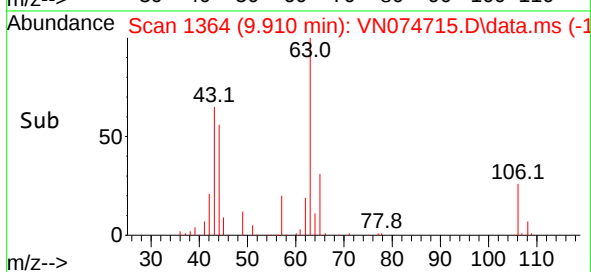
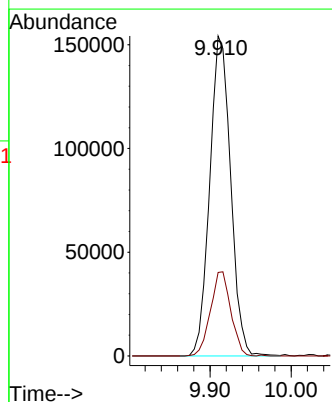
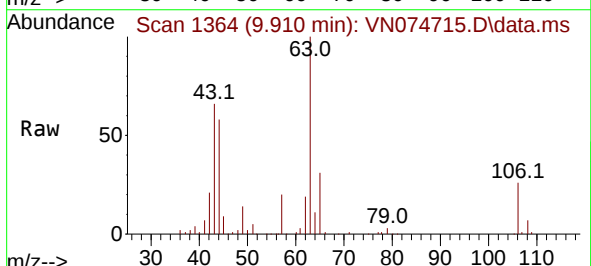
Manual Integrations
APPROVED

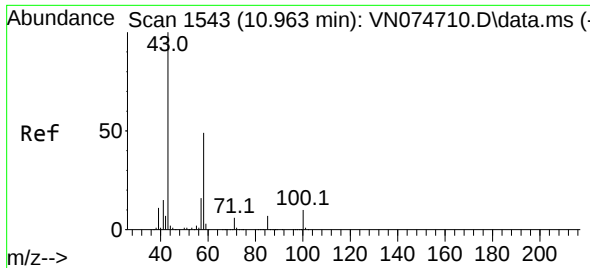
Reviewed By :John Carlone 10/04/2022
Supervised By :Mahesh Dadoda 10/05/2022



#58
2-Chloroethyl Vinyl ether
Concen: 98.914 ug/l
RT: 9.910 min Scan# 1364
Delta R.T. -0.006 min
Lab File: VN074715.D
Acq: 03 Oct 2022 19:03

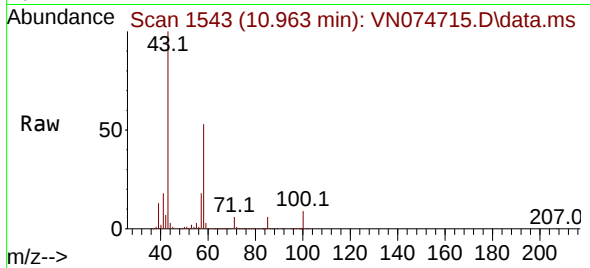
Tgt Ion: 63 Resp: 275742
Ion Ratio Lower Upper
63 100
106 25.6 24.6 36.8





#59
2-Hexanone
Concen: 100.549 ug/l
RT: 10.963 min Scan# 1543
Delta R.T. -0.000 min
Lab File: VN074715.D
Acq: 03 Oct 2022 19:03

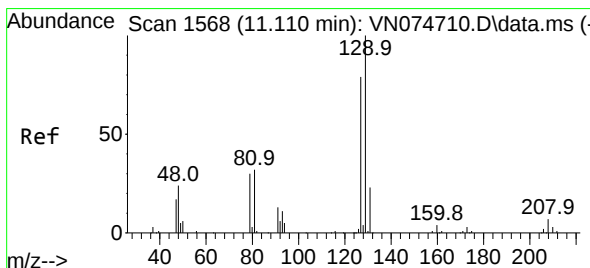
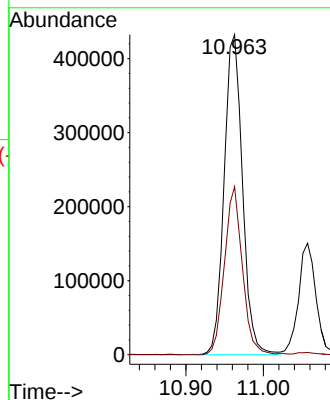
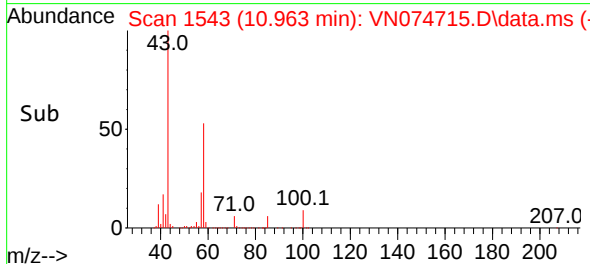
Instrument :
MSVOA_N
ClientSampleId :
VN1003WBS01



Tgt Ion: 43 Resp: 71279
Ion Ratio Lower Upper
43 100
58 51.1 29.7 89.1

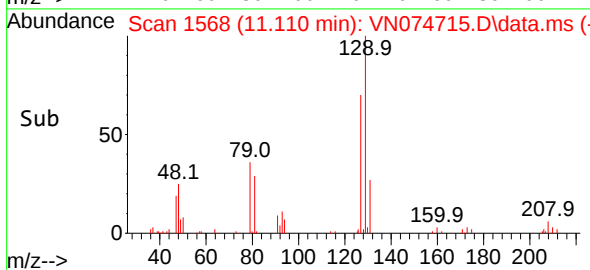
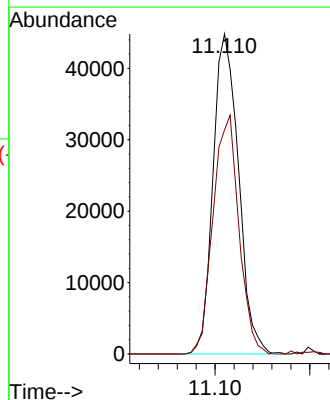
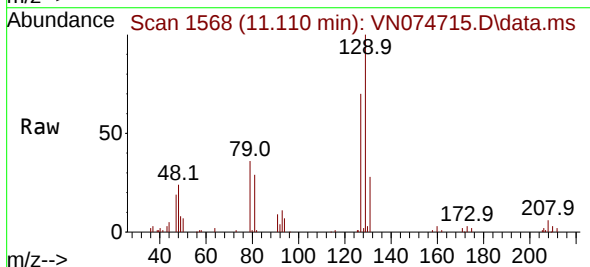
Manual Integrations
APPROVED

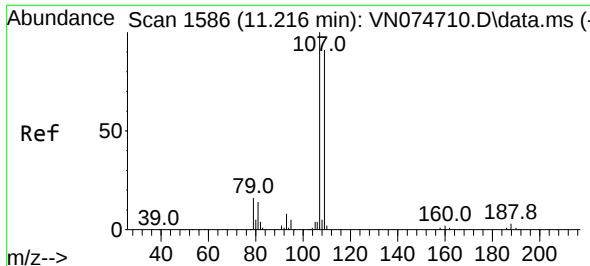
Reviewed By :John Carlone 10/04/2022
Supervised By :Mahesh Dadoda 10/05/2022



#60
Dibromochloromethane
Concen: 19.883 ug/l
RT: 11.110 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VN074715.D
Acq: 03 Oct 2022 19:03

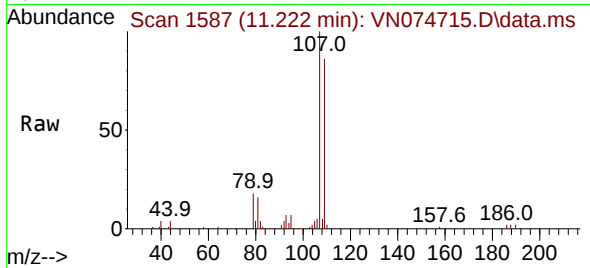
Tgt Ion:129 Resp: 83522
Ion Ratio Lower Upper
129 100
127 75.9 38.8 116.4





#61
1,2-Dibromoethane
Concen: 19.278 ug/l
RT: 11.222 min Scan# 11
Delta R.T. 0.001 min
Lab File: VN074715.D
Acq: 03 Oct 2022 19:03

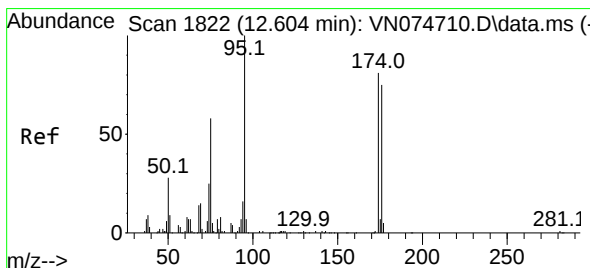
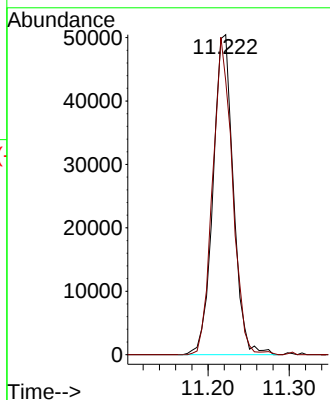
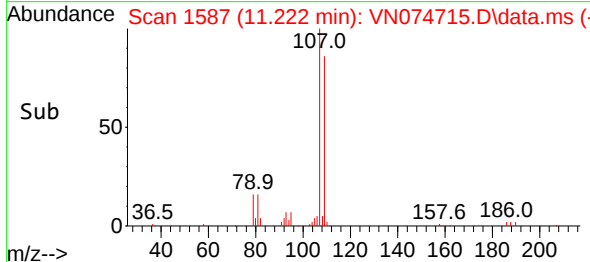
Instrument :
MSVOA_N
ClientSampleId :
VN1003WBS01



Tgt Ion:107 Resp: 8753
Ion Ratio Lower Upper
107 100
109 97.2 75.0 112.6

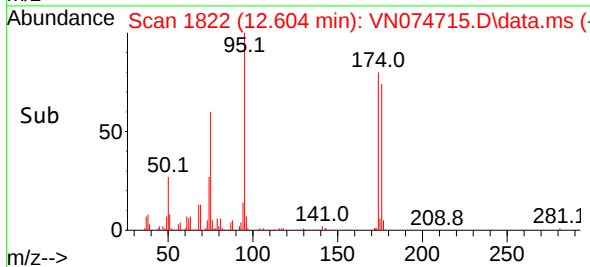
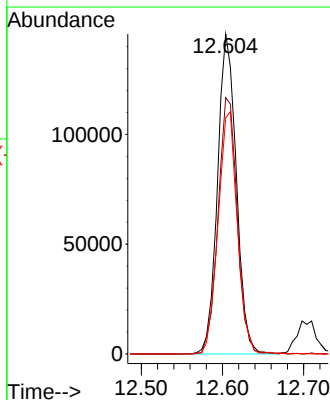
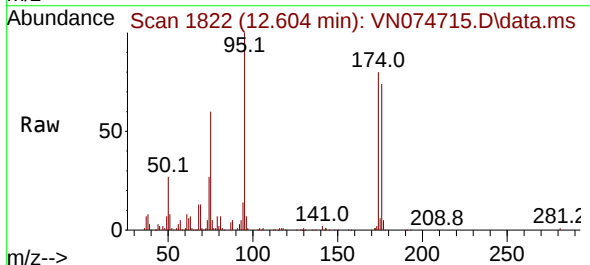
Manual Integrations
APPROVED

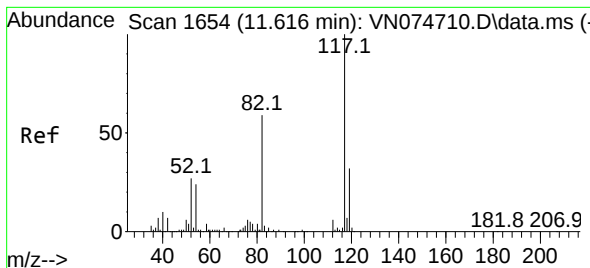
Reviewed By :John Carlone 10/04/2022
Supervised By :Mahesh Dadoda 10/05/2022



#62
4-Bromofluorobenzene
Concen: 44.673 ug/l
RT: 12.604 min Scan# 1822
Delta R.T. -0.000 min
Lab File: VN074715.D
Acq: 03 Oct 2022 19:03

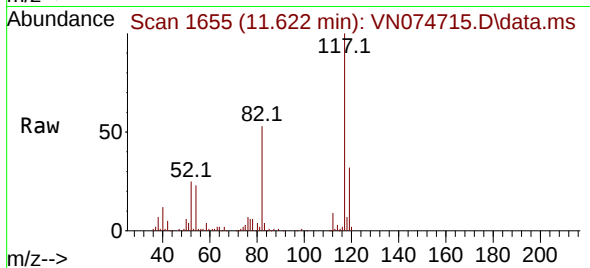
Tgt Ion: 95 Resp: 234467
Ion Ratio Lower Upper
95 100
174 81.7 0.0 167.6
176 77.3 0.0 163.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.622 min Scan# 11655
Delta R.T. 0.006 min
Lab File: VN074715.D
Acq: 03 Oct 2022 19:03

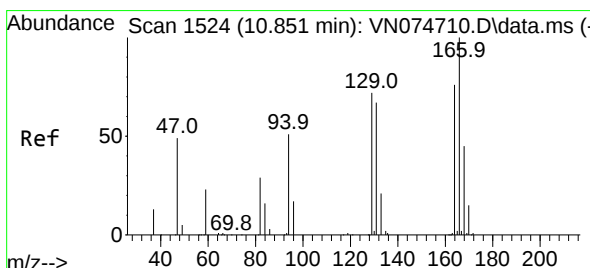
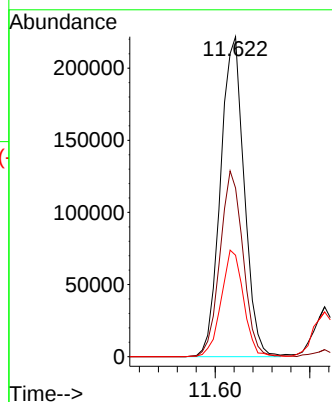
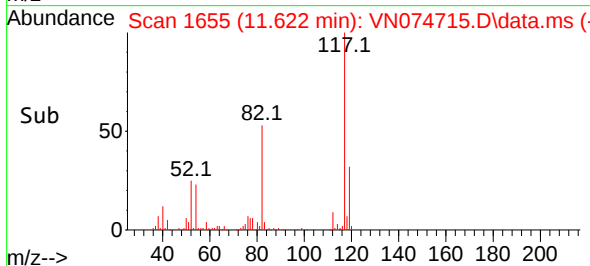
Instrument :
MSVOA_N
ClientSampleId :
VN1003WBS01



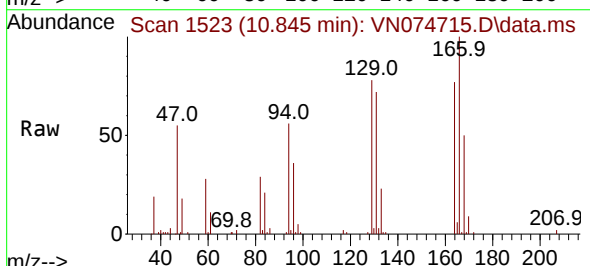
Tgt Ion:117 Resp: 384338
Ion Ratio Lower Upper
117 100
82 52.7 44.2 66.2
119 31.7 25.4 38.0

Manual Integrations
APPROVED

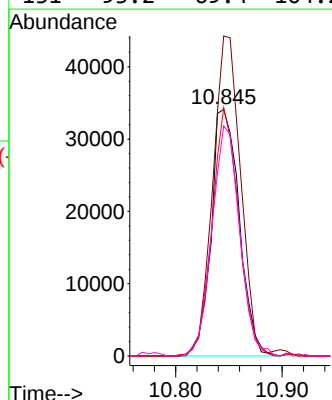
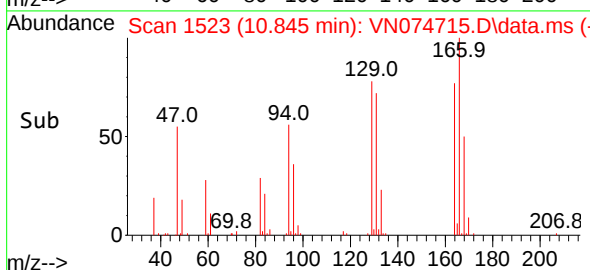
Reviewed By :John Carlone 10/04/2022
Supervised By :Mahesh Dadoda 10/05/2022

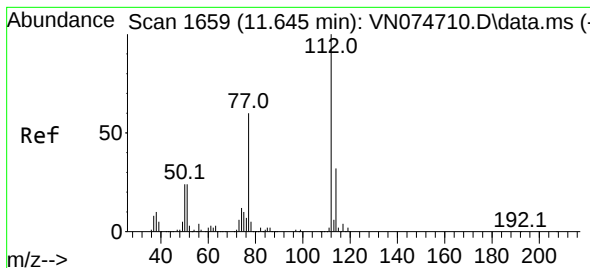


#64
Tetrachloroethene
Concen: 19.804 ug/l
RT: 10.845 min Scan# 1523
Delta R.T. -0.006 min
Lab File: VN074715.D
Acq: 03 Oct 2022 19:03



Tgt Ion:164 Resp: 62098
Ion Ratio Lower Upper
164 100
166 129.7 104.2 156.2
129 100.6 73.9 110.9
131 93.2 69.4 104.2





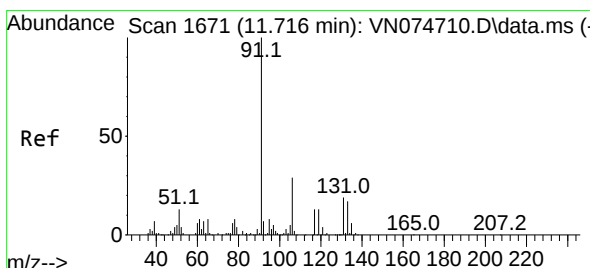
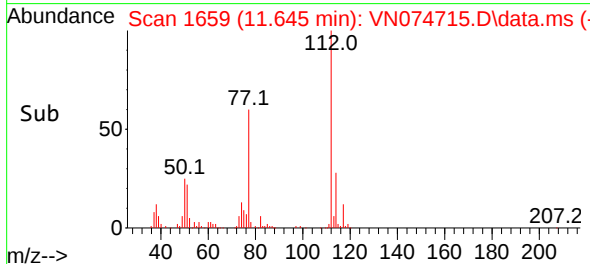
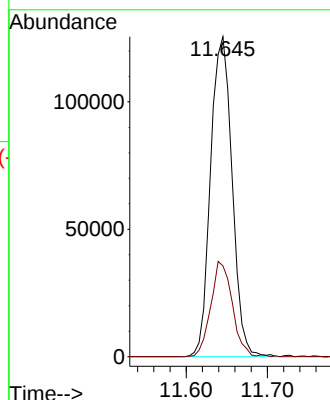
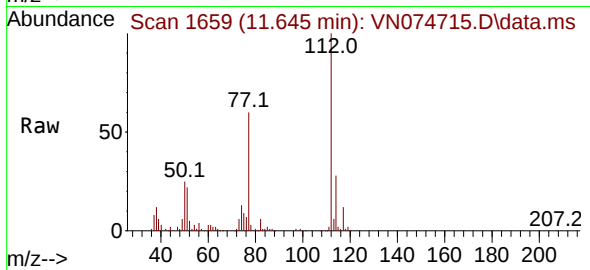
#65
Chlorobenzene
Concen: 19.845 ug/l
RT: 11.645 min Scan# 1659
Delta R.T. 0.000 min
Lab File: VN074715.D
Acq: 03 Oct 2022 19:03

Instrument :
MSVOA_N
ClientSampleId :
VN1003WBS01

Tgt Ion:112 Resp: 231580
Ion Ratio Lower Upper
112 100
114 28.4 25.4 38.2

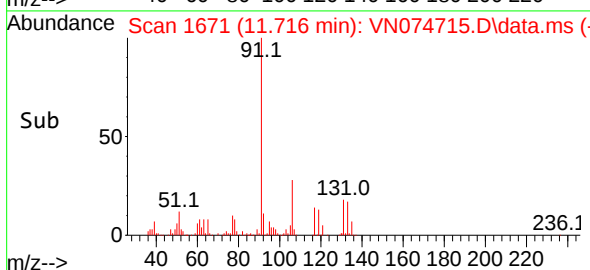
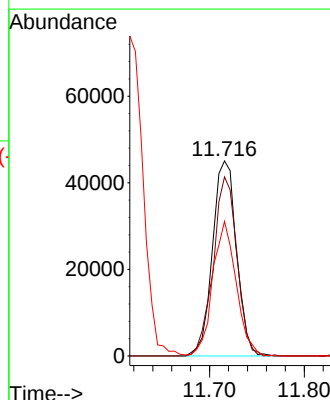
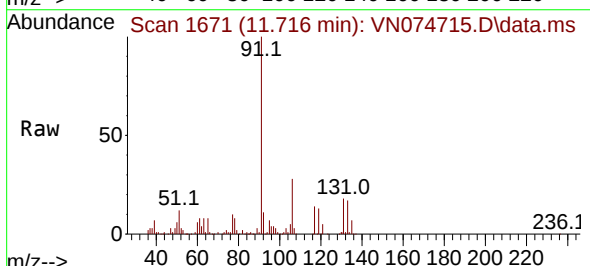
Manual Integrations
APPROVED

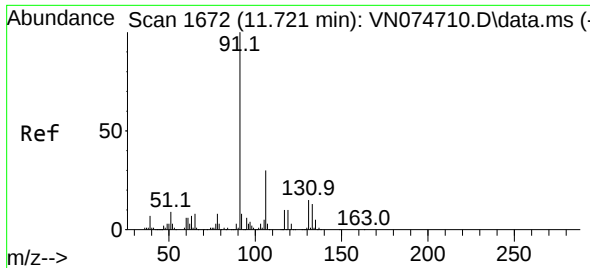
Reviewed By :John Carlone 10/04/2022
Supervised By :Mahesh Dadoda 10/05/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 20.569 ug/l
RT: 11.716 min Scan# 1671
Delta R.T. -0.000 min
Lab File: VN074715.D
Acq: 03 Oct 2022 19:03

Tgt Ion:131 Resp: 79194
Ion Ratio Lower Upper
131 100
133 91.0 47.8 143.4
119 67.7 33.4 100.2





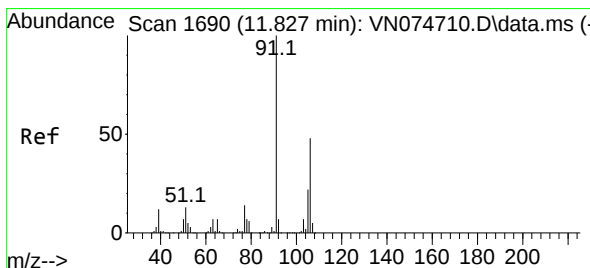
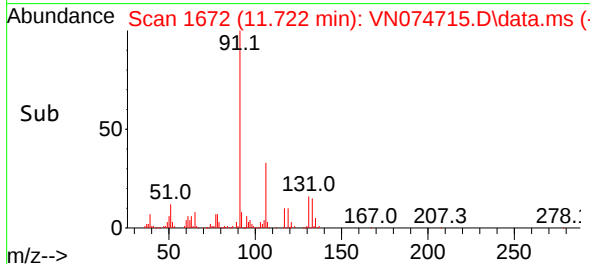
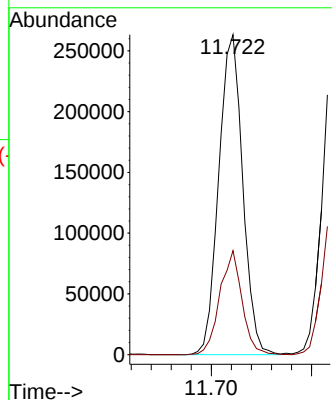
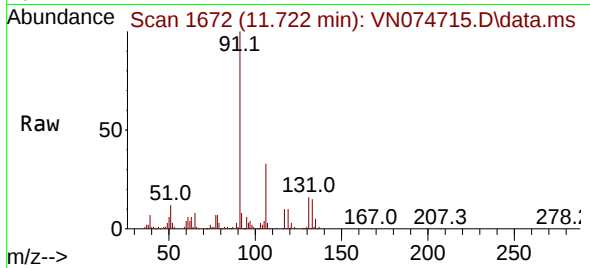
#67
Ethyl Benzene
Concen: 20.051 ug/l
RT: 11.722 min Scan# 1672
Delta R.T. 0.001 min
Lab File: VN074715.D
Acq: 03 Oct 2022 19:03

Instrument :
MSVOA_N
ClientSampleId :
VN1003WBS01

Tgt Ion: 91 Resp: 436063
Ion Ratio Lower Upper
91 100
106 32.5 24.9 37.3

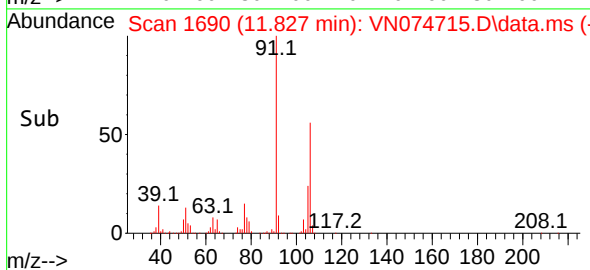
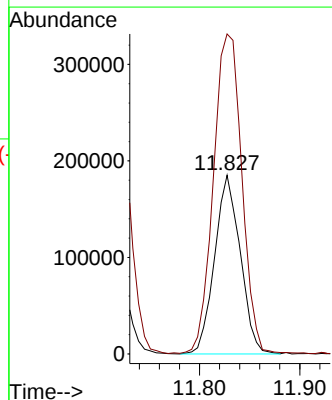
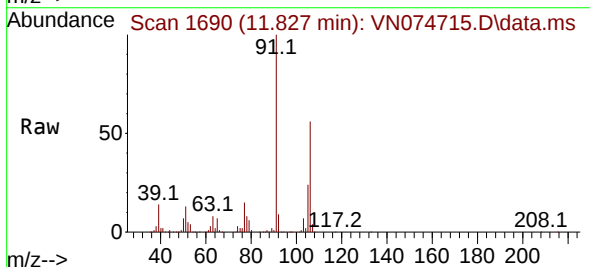
Manual Integrations
APPROVED

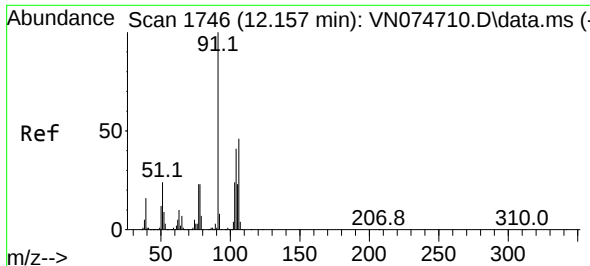
Reviewed By :John Carlone 10/04/2022
Supervised By :Mahesh Dadoda 10/05/2022



#68
m/p-Xylenes
Concen: 40.614 ug/l
RT: 11.827 min Scan# 1690
Delta R.T. 0.000 min
Lab File: VN074715.D
Acq: 03 Oct 2022 19:03

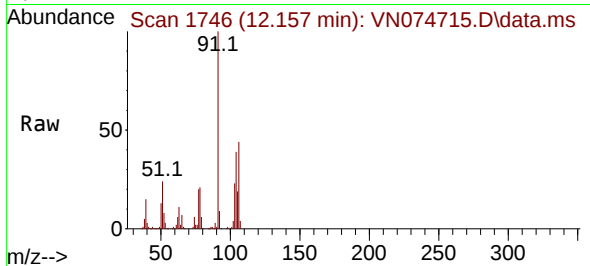
Tgt Ion:106 Resp: 329169
Ion Ratio Lower Upper
106 100
91 198.9 158.9 238.3





#69
o-Xylene
Concen: 19.602 ug/l
RT: 12.157 min Scan# 1746
Delta R.T. -0.000 min
Lab File: VN074715.D
Acq: 03 Oct 2022 19:03

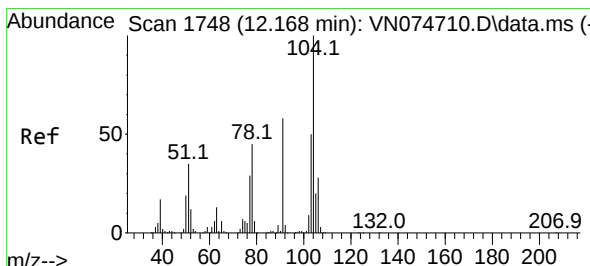
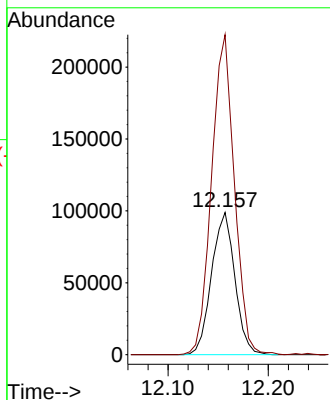
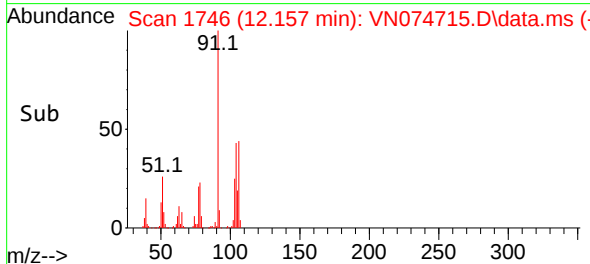
Instrument :
MSVOA_N
ClientSampleId :
VN1003WBS01



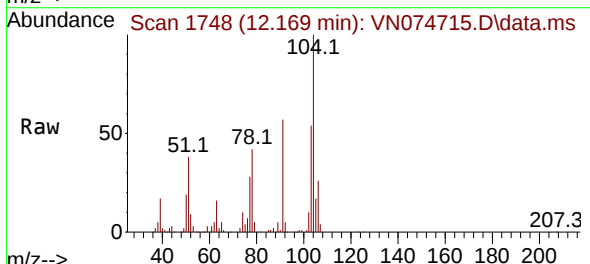
Tgt Ion:106 Resp: 159450
Ion Ratio Lower Upper
106 100
91 220.4 106.0 318.0

Manual Integrations
APPROVED

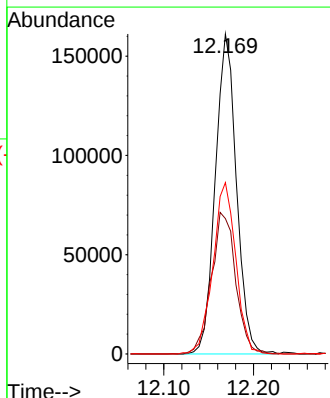
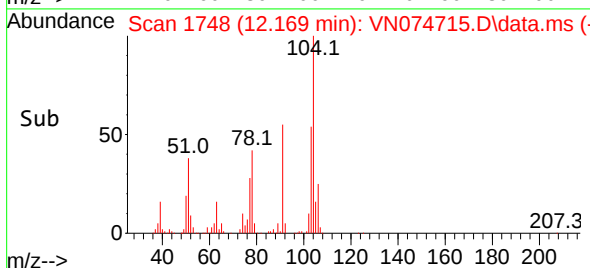
Reviewed By :John Carlone 10/04/2022
Supervised By :Mahesh Dadoda 10/05/2022

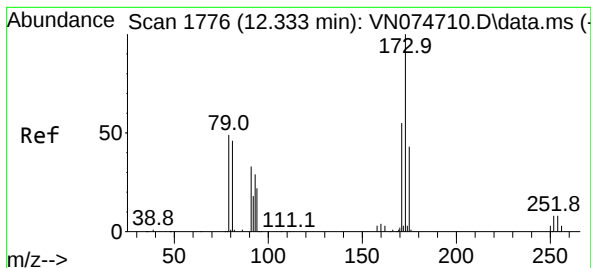


#70
Styrene
Concen: 18.861 ug/l
RT: 12.169 min Scan# 1748
Delta R.T. 0.001 min
Lab File: VN074715.D
Acq: 03 Oct 2022 19:03



Tgt Ion:104 Resp: 263561
Ion Ratio Lower Upper
104 100
78 50.8 39.5 59.3
103 58.0 44.0 66.0





#71

Bromoform

Concen: 21.597 ug/l

RT: 12.327 min Scan# 1775

Delta R.T. -0.006 min

Lab File: VN074715.D

Acq: 03 Oct 2022 19:03

Instrument :

MSVOA_N

ClientSampleId :

VN1003WBS01

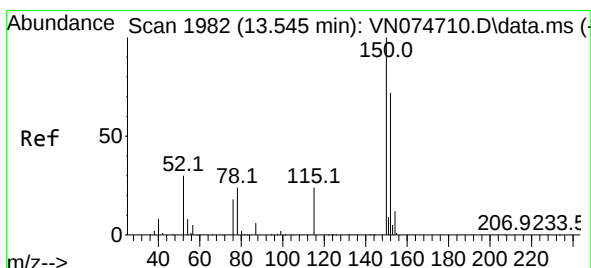
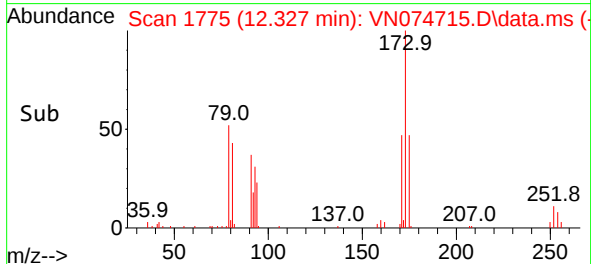
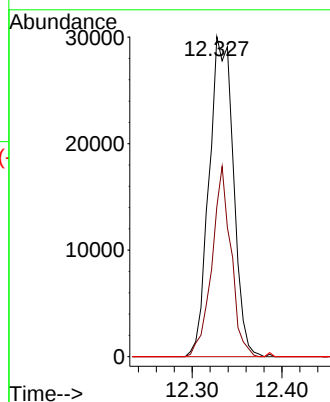
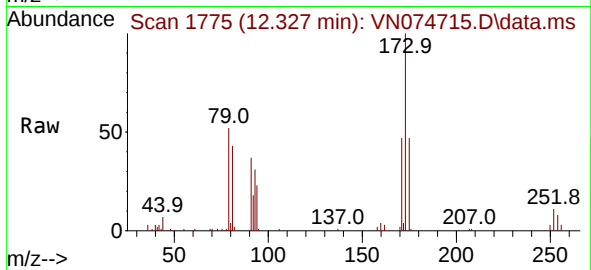
Tgt Ion:173	Resp:	56409
Ion Ratio	Lower	Upper
173	100	
175	46.9	24.6 73.6
254	0.0	0.1 0.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/04/2022

Supervised By :Mahesh Dadoda 10/05/2022



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

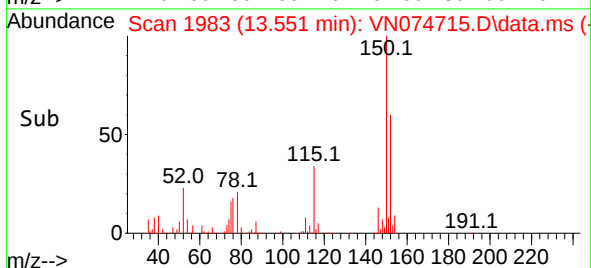
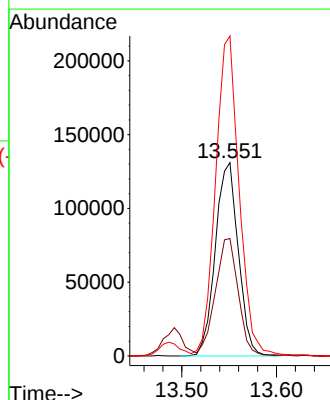
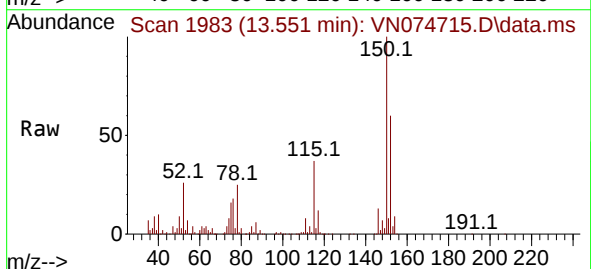
RT: 13.551 min Scan# 1983

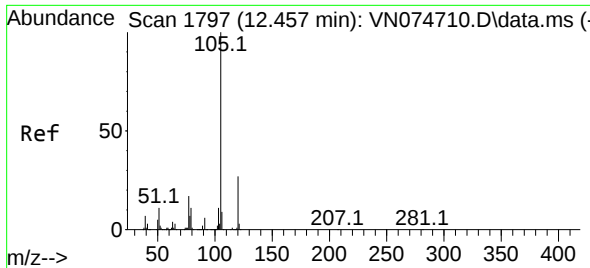
Delta R.T. -0.000 min

Lab File: VN074715.D

Acq: 03 Oct 2022 19:03

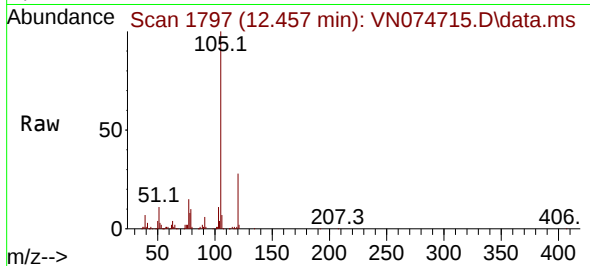
Tgt Ion:152	Resp:	221483
Ion Ratio	Lower	Upper
152	100	
115	60.3	28.9 86.7
150	169.8	0.0 356.2





#73
Isopropylbenzene
Concen: 20.315 ug/l
RT: 12.457 min Scan# 1797
Delta R.T. -0.000 min
Lab File: VN074715.D
Acq: 03 Oct 2022 19:03

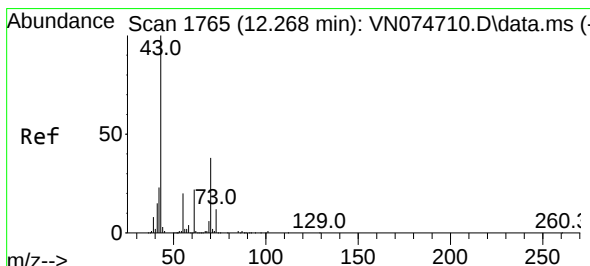
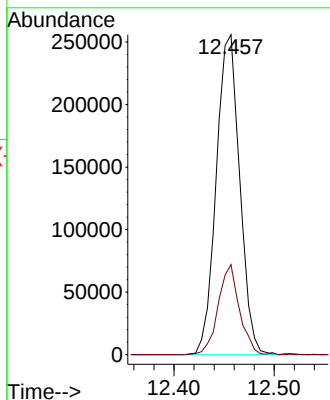
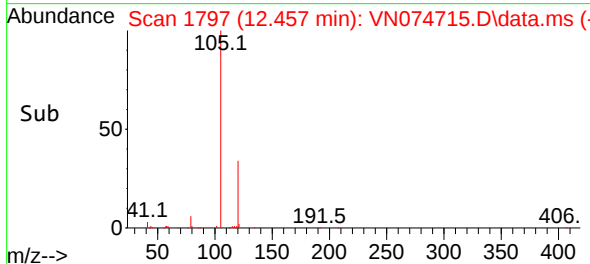
Instrument :
MSVOA_N
ClientSampleId :
VN1003WBS01



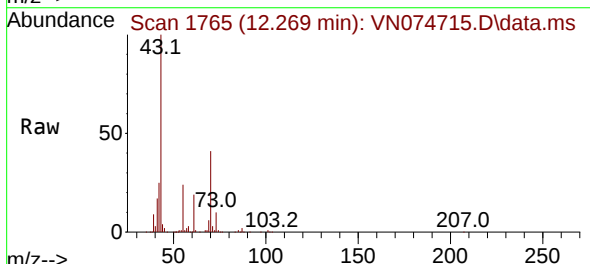
Tgt Ion:105 Resp: 415729
Ion Ratio Lower Upper
105 100
120 25.6 13.5 40.4

Manual Integrations
APPROVED

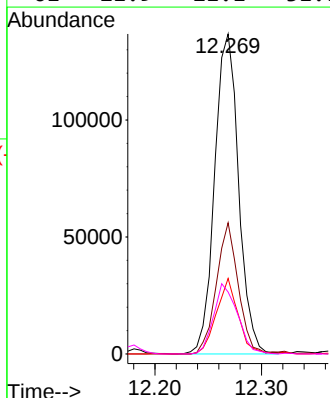
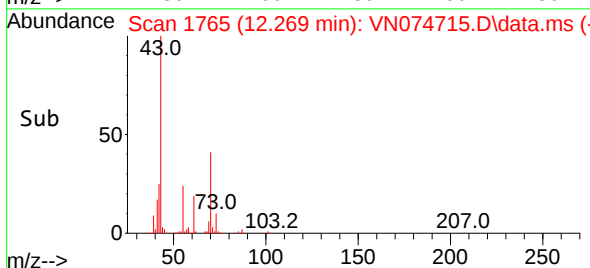
Reviewed By :John Carlone 10/04/2022
Supervised By :Mahesh Dadoda 10/05/2022

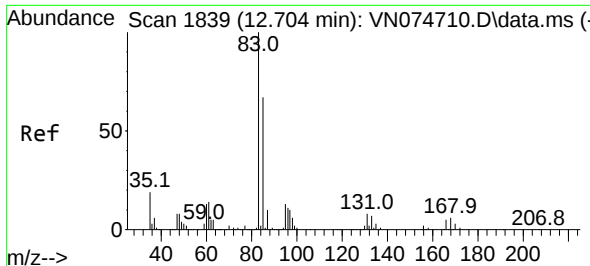


#74
N-ethyl acetate
Concen: 21.120 ug/l
RT: 12.269 min Scan# 1765
Delta R.T. 0.001 min
Lab File: VN074715.D
Acq: 03 Oct 2022 19:03



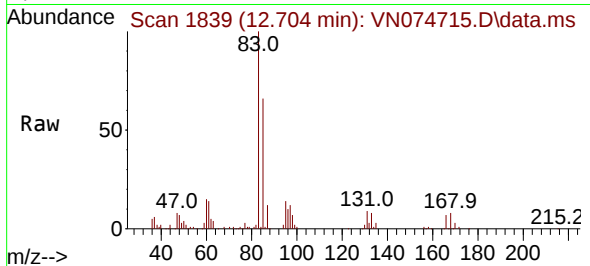
Tgt Ion: 43 Resp: 213641
Ion Ratio Lower Upper
43 100
70 37.4 39.0 58.4#
55 21.4 21.1 31.7
61 21.9 21.1 31.7





#75
1,1,2,2-Tetrachloroethane
Concen: 20.397 ug/l
RT: 12.704 min Scan# 1839
Delta R.T. -0.000 min
Lab File: VN074715.D
Acq: 03 Oct 2022 19:03

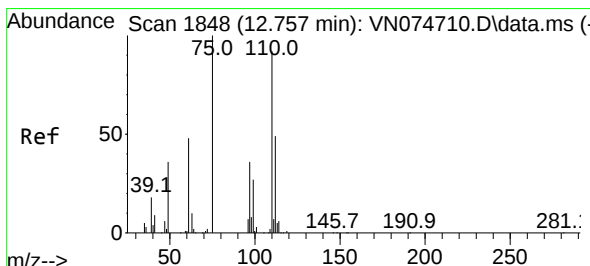
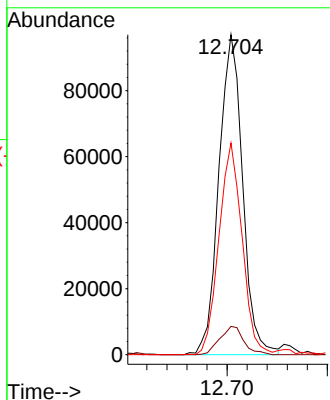
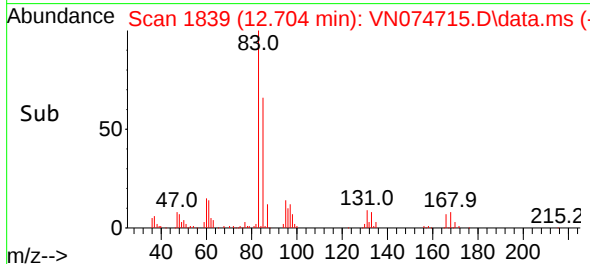
Instrument :
MSVOA_N
ClientSampleId :
VN1003WBS01



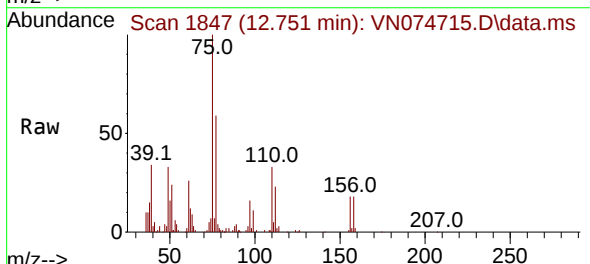
Tgt Ion: 83 Resp: 159194
Ion Ratio Lower Upper
83 100
131 8.9 5.3 15.9
85 64.5 32.3 96.9

Manual Integrations
APPROVED

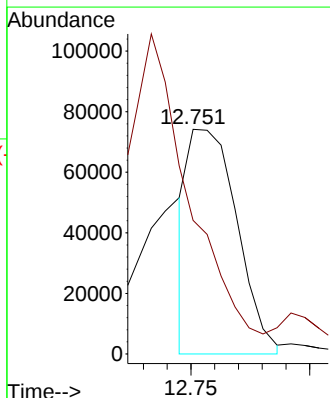
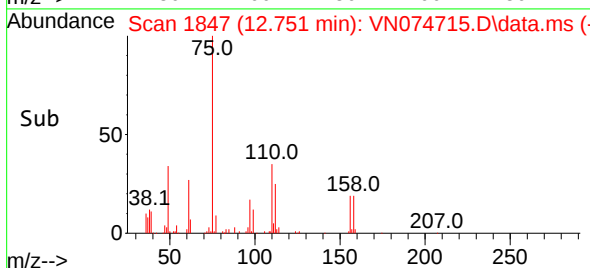
Reviewed By :John Carlone 10/04/2022
Supervised By :Mahesh Dadoda 10/05/2022

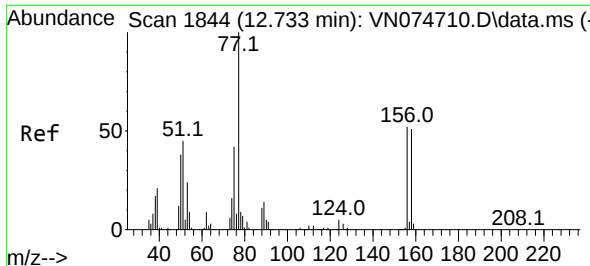


#76
1,2,3-Trichloropropane
Concen: 19.779 ug/l m
RT: 12.751 min Scan# 1847
Delta R.T. -0.006 min
Lab File: VN074715.D
Acq: 03 Oct 2022 19:03



Tgt Ion: 75 Resp: 105690
Ion Ratio Lower Upper
75 100
77 194.5 98.5 295.5





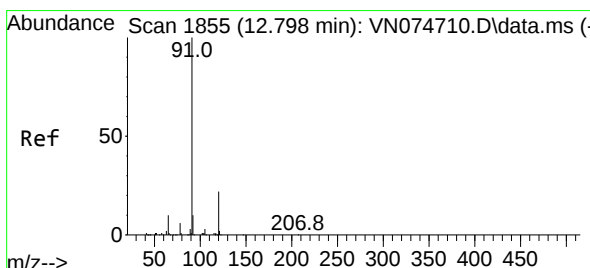
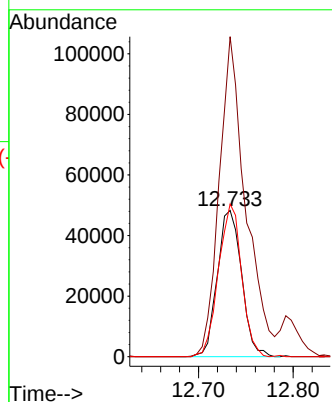
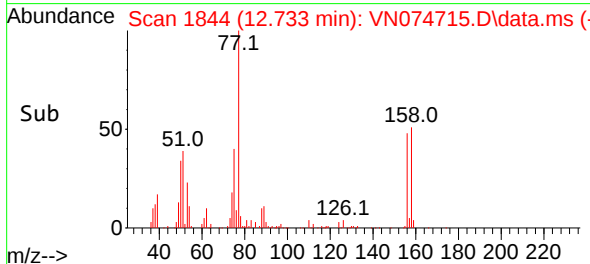
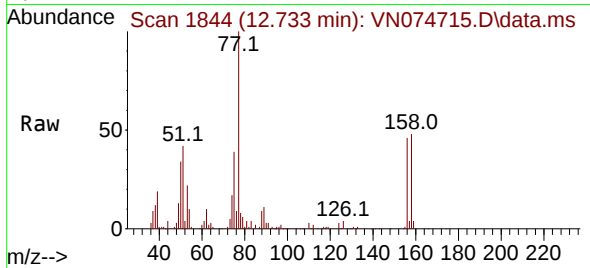
#77
Bromobenzene
Concen: 19.661 ug/l
RT: 12.733 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VN074715.D
Acq: 03 Oct 2022 19:03

Instrument :
MSVOA_N
ClientSampleId :
VN1003WBS01

Tgt Ion:156 Resp: 86009
Ion Ratio Lower Upper
156 100
77 239.0 100.5 301.5
158 99.5 48.9 146.6

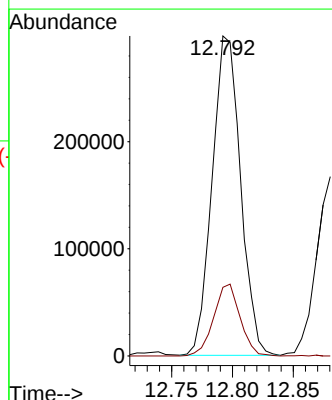
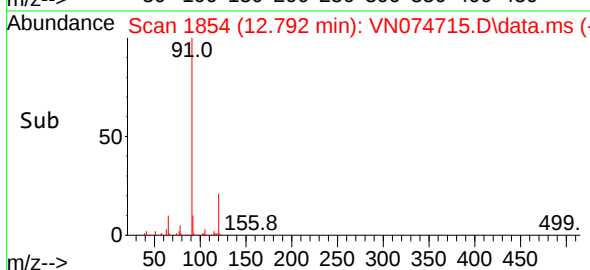
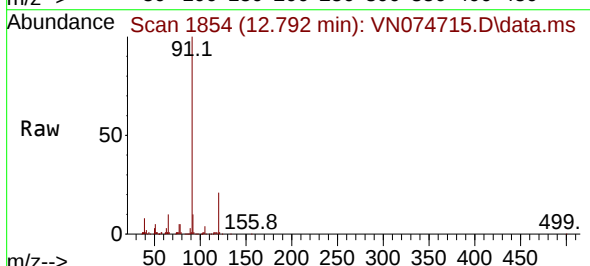
Manual Integrations
APPROVED

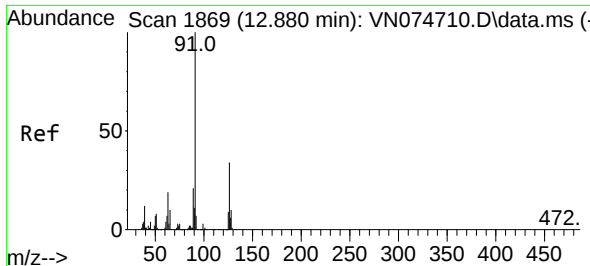
Reviewed By :John Carlone 10/04/2022
Supervised By :Mahesh Dadoda 10/05/2022



#78
n-propylbenzene
Concen: 20.646 ug/l
RT: 12.792 min Scan# 1854
Delta R.T. -0.006 min
Lab File: VN074715.D
Acq: 03 Oct 2022 19:03

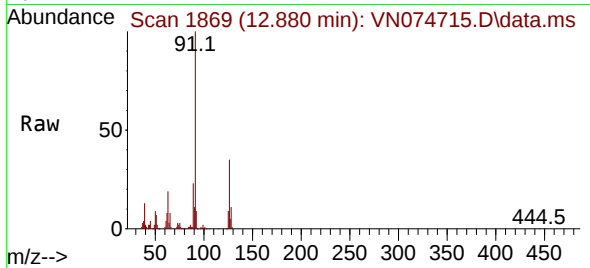
Tgt Ion: 91 Resp: 483709
Ion Ratio Lower Upper
91 100
120 20.9 11.9 35.5





#79
2-Chlorotoluene
Concen: 20.153 ug/l
RT: 12.880 min Scan# 1869
Delta R.T. 0.000 min
Lab File: VN074715.D
Acq: 03 Oct 2022 19:03

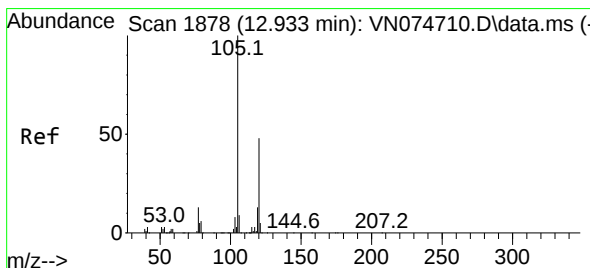
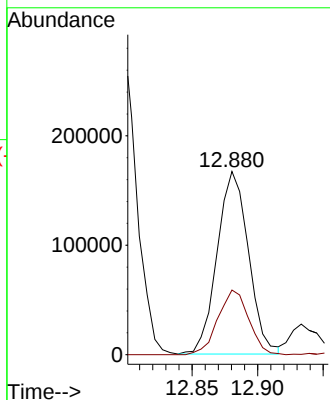
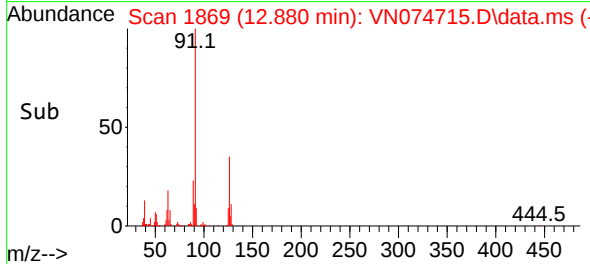
Instrument :
MSVOA_N
ClientSampleId :
VN1003WBS01



Tgt Ion: 91 Resp: 27821
Ion Ratio Lower Upper
91 100
126 34.6 17.3 51.9

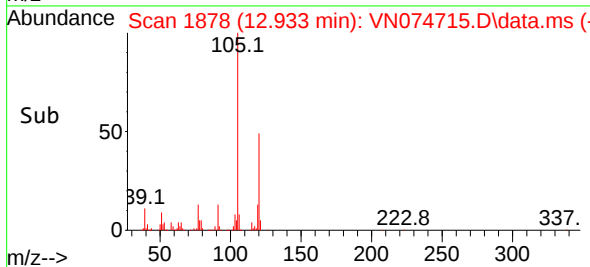
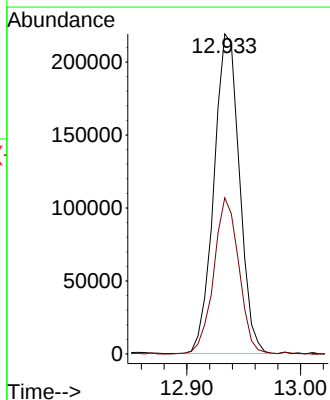
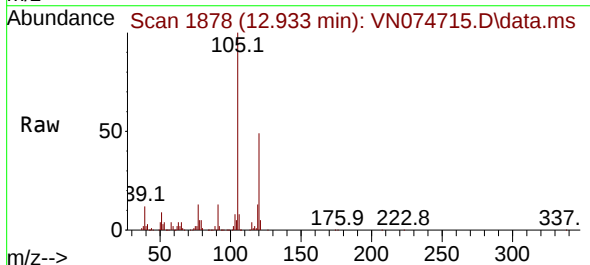
Manual Integrations
APPROVED

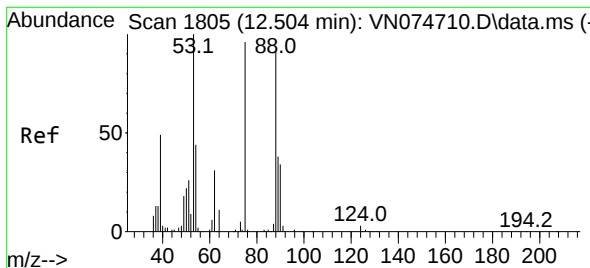
Reviewed By :John Carlone 10/04/2022
Supervised By :Mahesh Dadoda 10/05/2022



#80
1,3,5-Trimethylbenzene
Concen: 20.964 ug/l
RT: 12.933 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VN074715.D
Acq: 03 Oct 2022 19:03

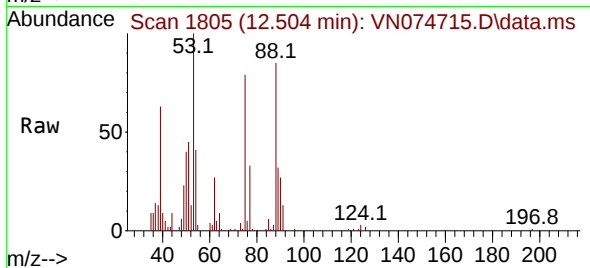
Tgt Ion:105 Resp: 342453
Ion Ratio Lower Upper
105 100
120 48.1 24.9 74.7





#81
trans-1,4-Dichloro-2-butene
Concen: 19.700 ug/l
RT: 12.504 min Scan# 1805
Delta R.T. -0.000 min
Lab File: VN074715.D
Acq: 03 Oct 2022 19:03

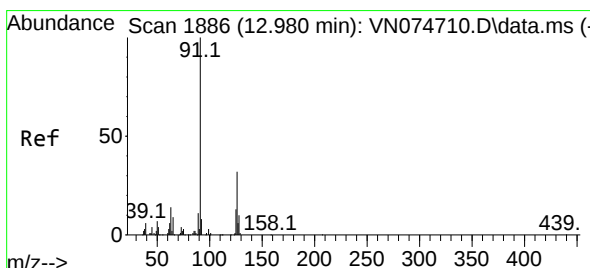
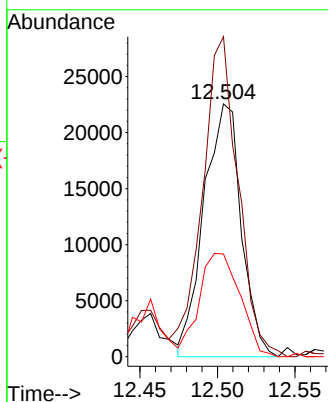
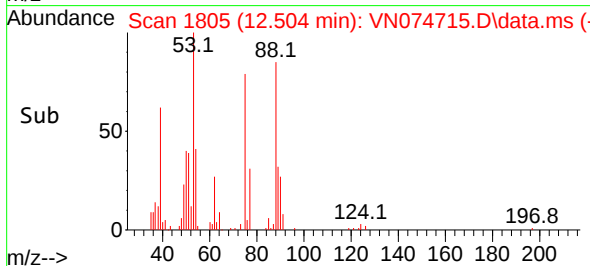
Instrument :
MSVOA_N
ClientSampleId :
VN1003WBS01



Tgt Ion: 75 Resp: 37760
Ion Ratio Lower Upper
75 100
53 121.0 78.0 117.0
89 44.9 37.2 55.8

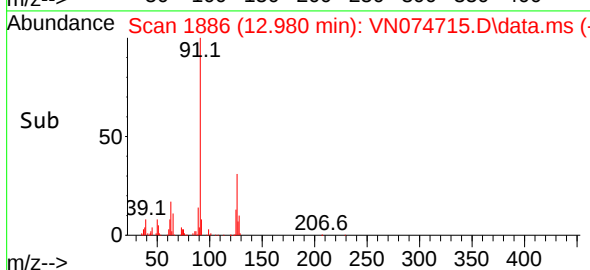
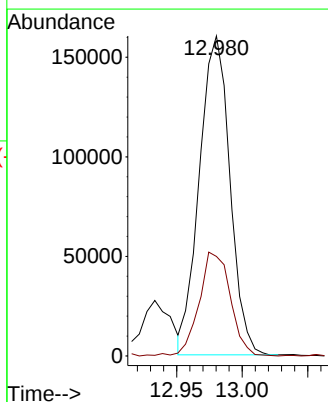
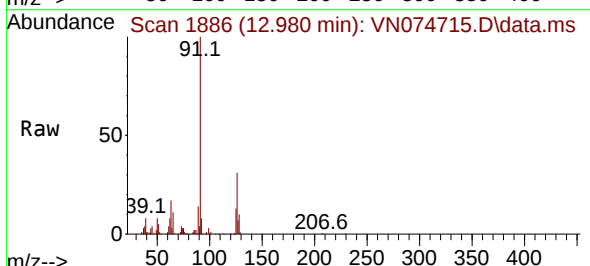
Manual Integrations
APPROVED

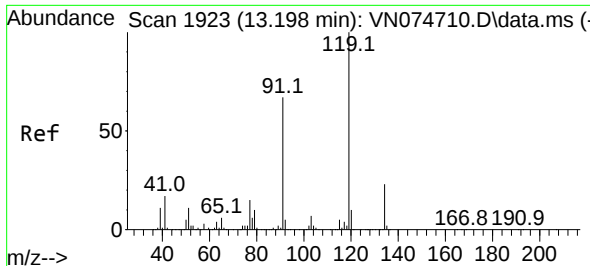
Reviewed By :John Carlone 10/04/2022
Supervised By :Mahesh Dadoda 10/05/2022



#82
4-Chlorotoluene
Concen: 19.422 ug/l
RT: 12.980 min Scan# 1886
Delta R.T. 0.000 min
Lab File: VN074715.D
Acq: 03 Oct 2022 19:03

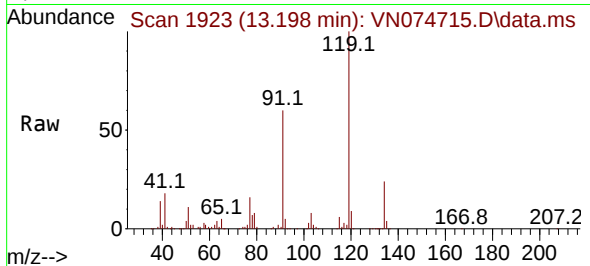
Tgt Ion: 91 Resp: 259328
Ion Ratio Lower Upper
91 100
126 33.4 17.2 51.6





#83
tert-Butylbenzene
Concen: 19.831 ug/l
RT: 13.198 min Scan# 1923
Delta R.T. -0.000 min
Lab File: VN074715.D
Acq: 03 Oct 2022 19:03

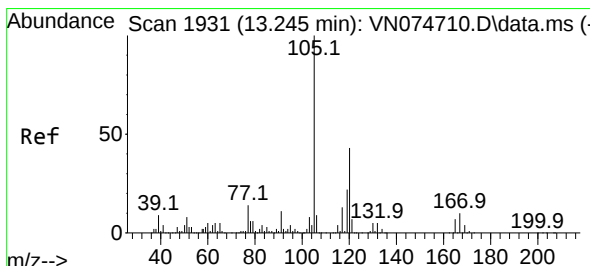
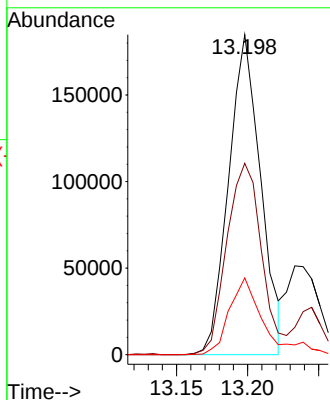
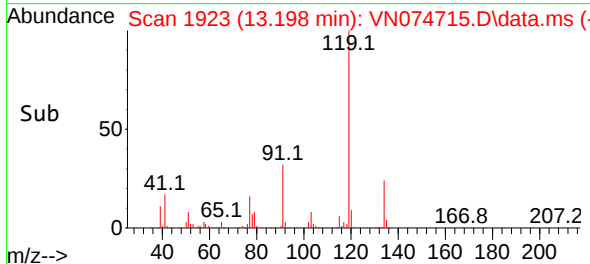
Instrument :
MSVOA_N
ClientSampleId :
VN1003WBS01



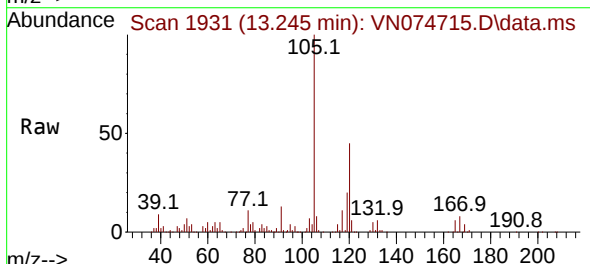
Tgt Ion:119 Resp: 289825
Ion Ratio Lower Upper
119 100
91 65.4 31.6 94.8
134 25.8 13.7 41.1

Manual Integrations
APPROVED

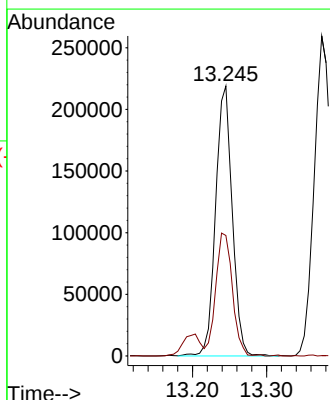
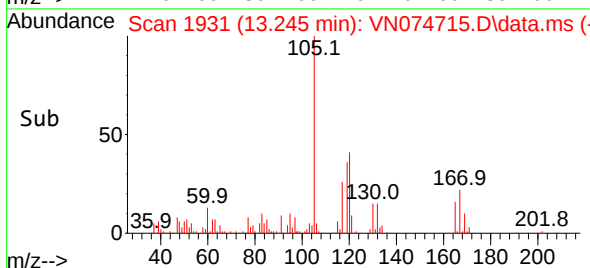
Reviewed By :John Carlone 10/04/2022
Supervised By :Mahesh Dadoda 10/05/2022

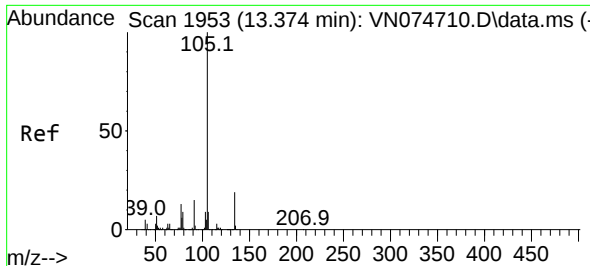


#84
1,2,4-Trimethylbenzene
Concen: 21.683 ug/l
RT: 13.245 min Scan# 1931
Delta R.T. 0.000 min
Lab File: VN074715.D
Acq: 03 Oct 2022 19:03



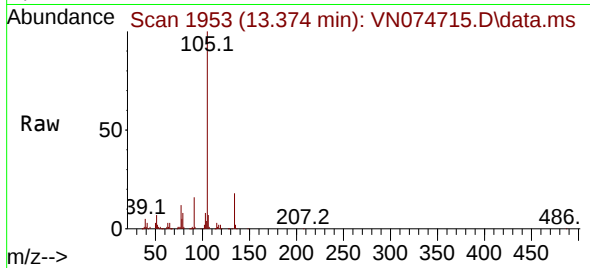
Tgt Ion:105 Resp: 341122
Ion Ratio Lower Upper
105 100
120 45.6 23.3 69.8





#85
 sec-Butylbenzene
 Concen: 20.277 ug/l
 RT: 13.374 min Scan# 1953
 Delta R.T. 0.000 min
 Lab File: VN074715.D
 Acq: 03 Oct 2022 19:03

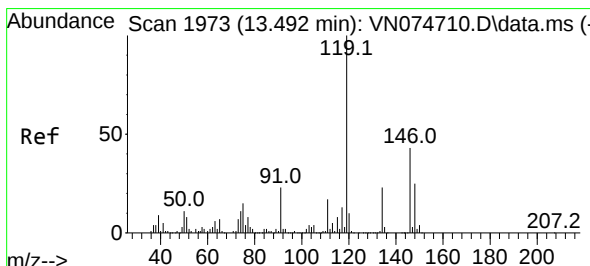
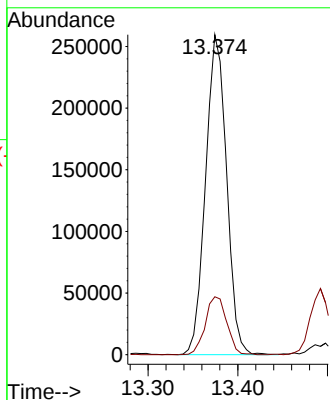
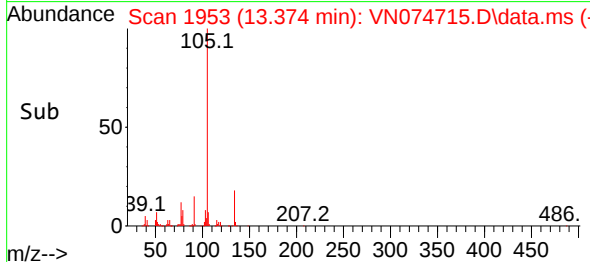
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1003WBS01



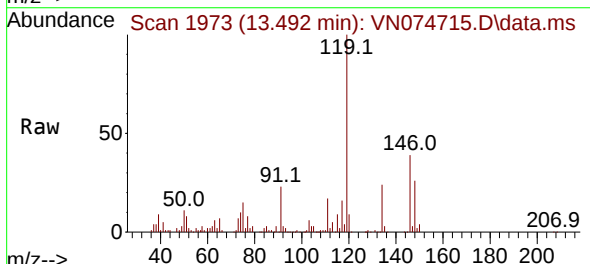
Tgt Ion:105 Resp: 422519
 Ion Ratio Lower Upper
 105 100
 134 18.4 10.4 31.1

Manual Integrations
 APPROVED

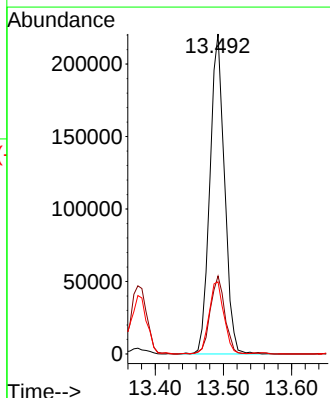
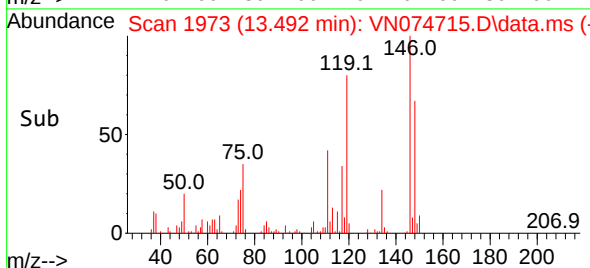
Reviewed By :John Carlone 10/04/2022
 Supervised By :Mahesh Dadoda 10/05/2022

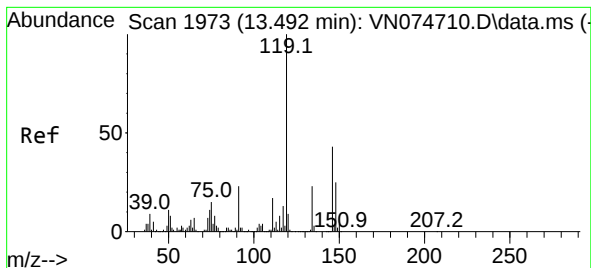


#86
 p-Isopropyltoluene
 Concen: 20.681 ug/l
 RT: 13.492 min Scan# 1973
 Delta R.T. 0.000 min
 Lab File: VN074715.D
 Acq: 03 Oct 2022 19:03



Tgt Ion:119 Resp: 330347
 Ion Ratio Lower Upper
 119 100
 134 24.3 13.3 39.8
 91 23.0 11.3 33.9





#87

1,3-Dichlorobenzene

Concen: 18.914 ug/l

RT: 13.486 min Scan# 1972

Delta R.T. 0.000 min

Lab File: VN074715.D

Acq: 03 Oct 2022 19:03

Instrument :

MSVOA_N

ClientSampleId :

VN1003WBS01

Tgt Ion:146 Resp: 157238

Ion Ratio Lower Upper

146 100

111 41.6 20.0 60.0

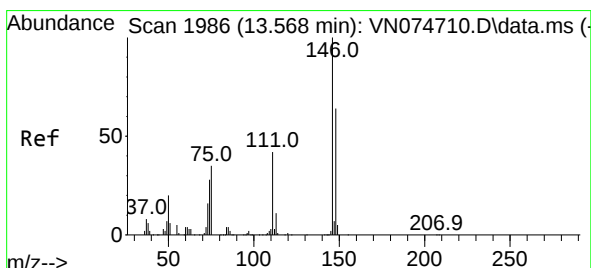
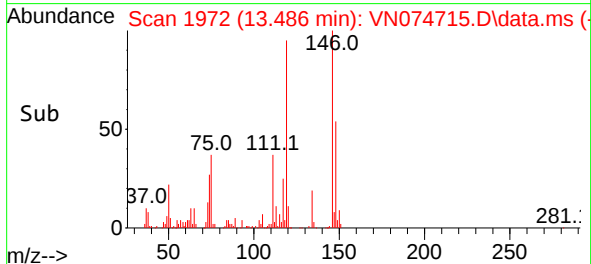
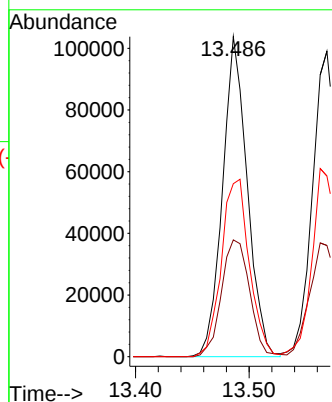
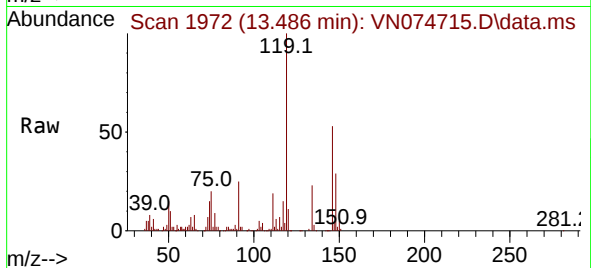
148 62.8 32.0 96.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/04/2022

Supervised By :Mahesh Dadoda 10/05/2022



#88

1,4-Dichlorobenzene

Concen: 19.937 ug/l

RT: 13.569 min Scan# 1986

Delta R.T. 0.001 min

Lab File: VN074715.D

Acq: 03 Oct 2022 19:03

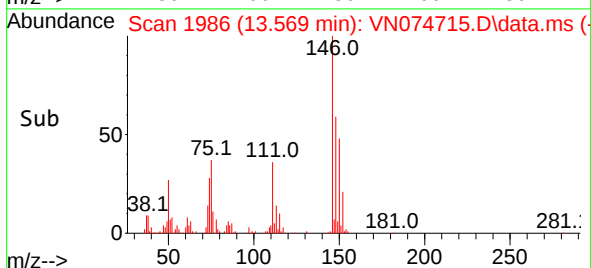
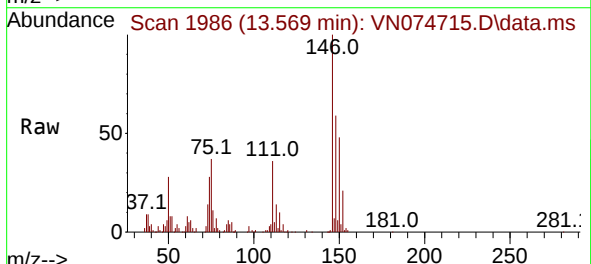
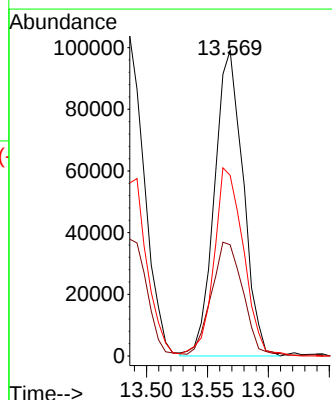
Tgt Ion:146 Resp: 162378

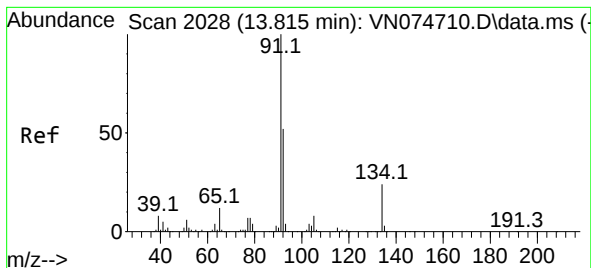
Ion Ratio Lower Upper

146 100

111 40.5 19.1 57.1

148 63.4 31.4 94.3





#89

n-Butylbenzene

Concen: 18.963 ug/l

RT: 13.821 min Scan# 2028

Delta R.T. 0.006 min

Lab File: VN074715.D

Acq: 03 Oct 2022 19:03

Instrument :

MSVOA_N

ClientSampleId :

VN1003WBS01

Tgt Ion: 91 Resp: 273570

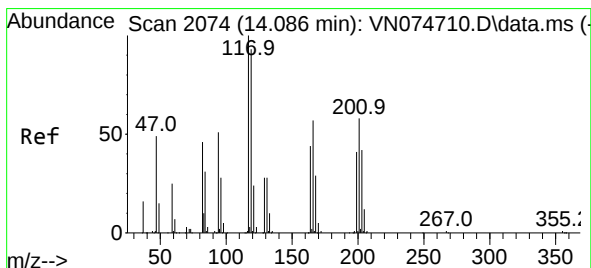
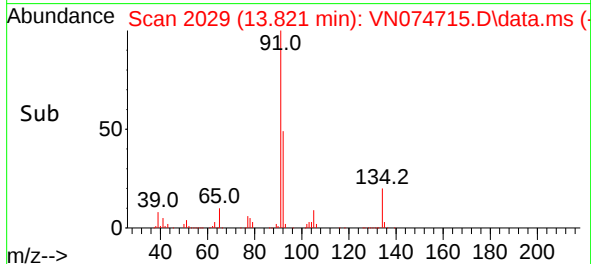
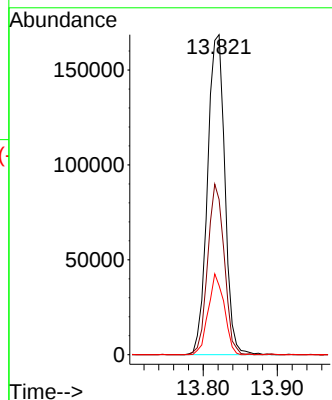
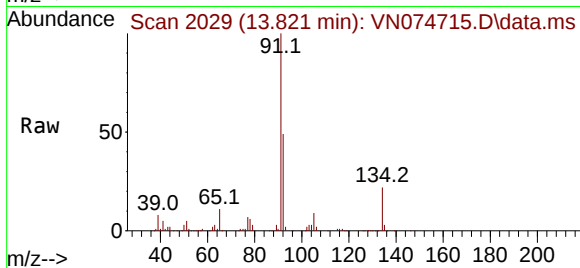
Ion	Ratio	Lower	Upper
91	100		
92	51.1	26.9	80.7
134	23.4	13.6	40.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/04/2022

Supervised By :Mahesh Dadoda 10/05/2022



#90

Hexachloroethane

Concen: 19.709 ug/l

RT: 14.080 min Scan# 2073

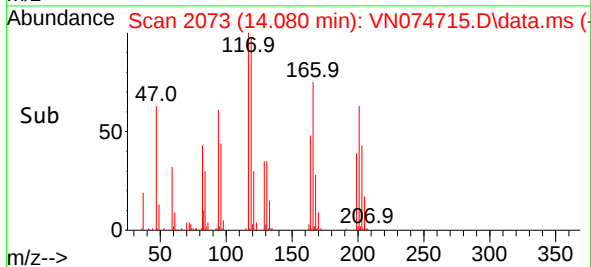
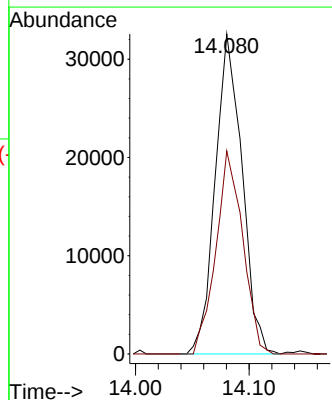
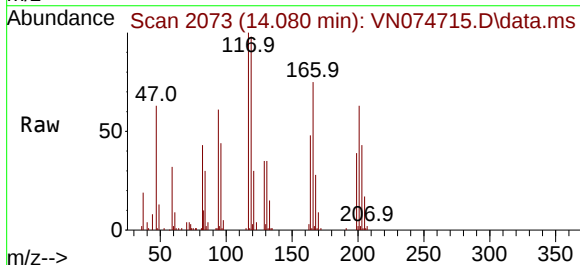
Delta R.T. -0.006 min

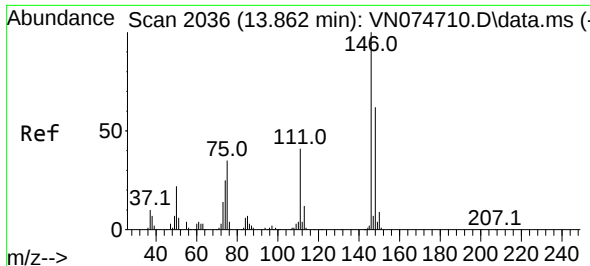
Lab File: VN074715.D

Acq: 03 Oct 2022 19:03

Tgt Ion:117 Resp: 53389

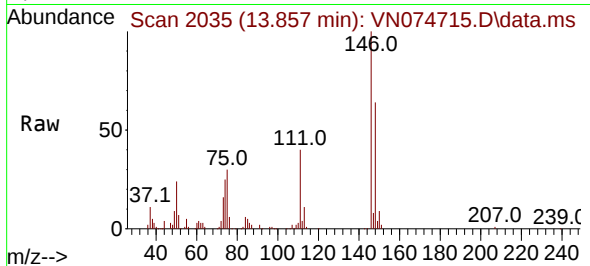
Ion	Ratio	Lower	Upper
117	100		
201	63.6	40.6	122.0





#91
1,2-Dichlorobenzene
Concen: 20.348 ug/l
RT: 13.857 min Scan# 2036
Delta R.T. -0.005 min
Lab File: VN074715.D
Acq: 03 Oct 2022 19:03

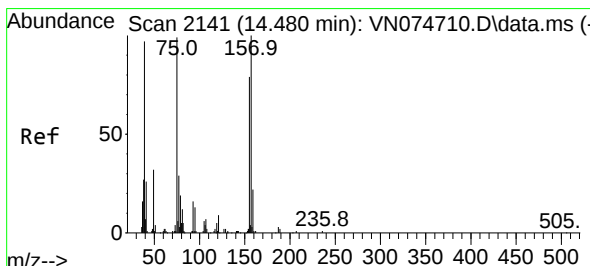
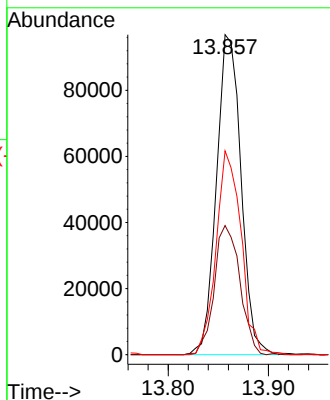
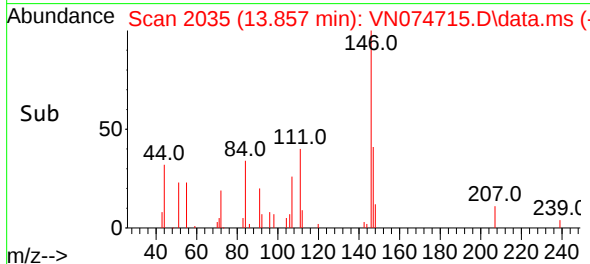
Instrument :
MSVOA_N
ClientSampleId :
VN1003WBS01



Tgt Ion:146 Resp: 164544
Ion Ratio Lower Upper
146 100
111 42.1 20.9 62.8
148 64.8 32.1 96.3

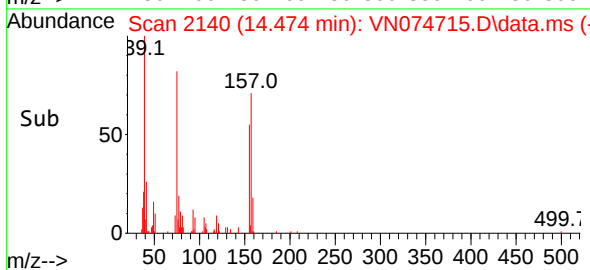
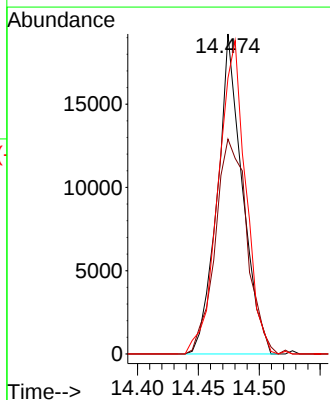
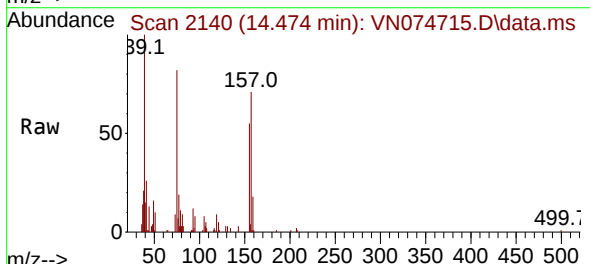
Manual Integrations
APPROVED

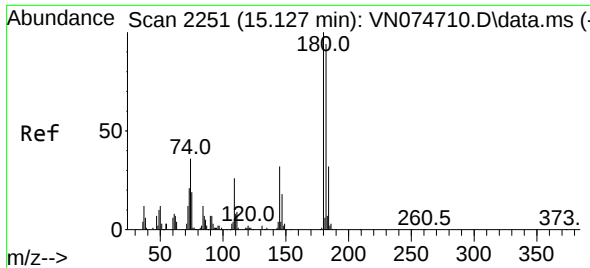
Reviewed By :John Carlone 10/04/2022
Supervised By :Mahesh Dadoda 10/05/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 19.203 ug/l
RT: 14.474 min Scan# 2140
Delta R.T. 0.000 min
Lab File: VN074715.D
Acq: 03 Oct 2022 19:03

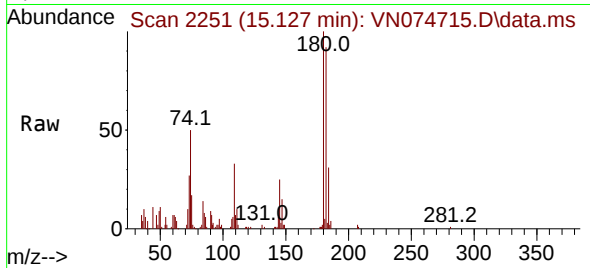
Tgt Ion: 75 Resp: 27591
Ion Ratio Lower Upper
75 100
155 85.2 44.9 134.5
157 107.3 59.0 176.8





#93
1,2,4-Trichlorobenzene
Concen: 21.159 ug/l
RT: 15.127 min Scan# 211
Delta R.T. 0.000 min
Lab File: VN074715.D
Acq: 03 Oct 2022 19:03

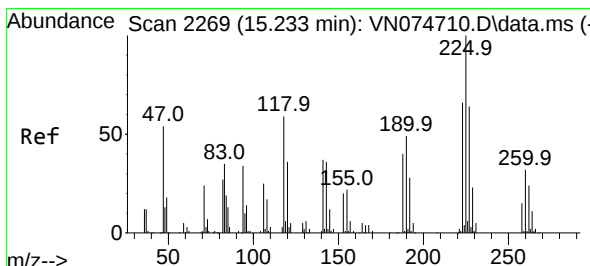
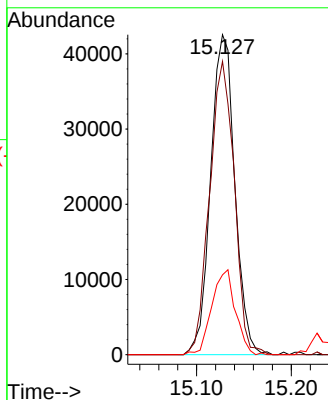
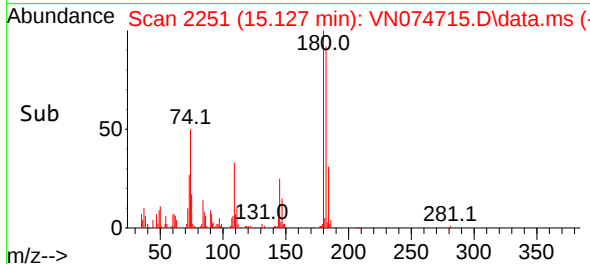
Instrument :
MSVOA_N
ClientSampleId :
VN1003WBS01



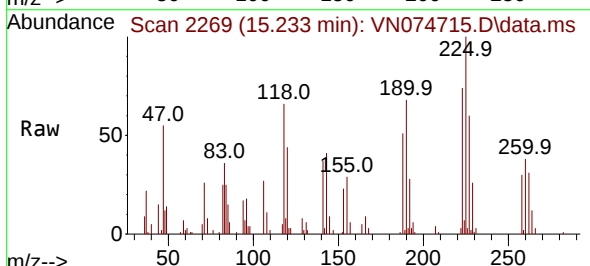
Tgt Ion:180 Resp: 7544
Ion Ratio Lower Upper
180 100
182 93.4 47.5 142.5
145 25.9 14.5 43.5

Manual Integrations
APPROVED

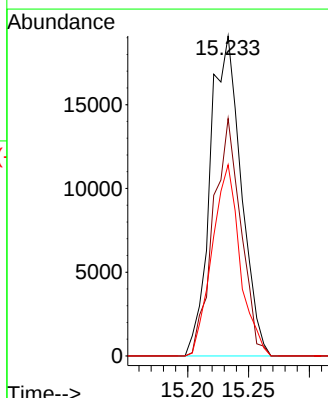
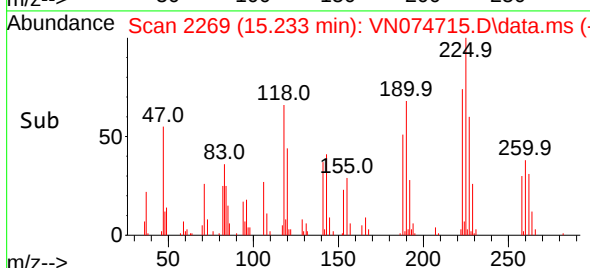
Reviewed By :John Carlone 10/04/2022
Supervised By :Mahesh Dadoda 10/05/2022

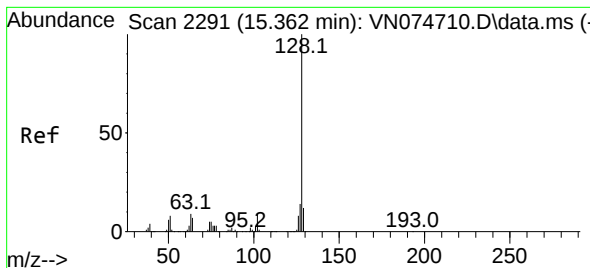


#94
Hexachlorobutadiene
Concen: 18.681 ug/l
RT: 15.233 min Scan# 2269
Delta R.T. 0.000 min
Lab File: VN074715.D
Acq: 03 Oct 2022 19:03



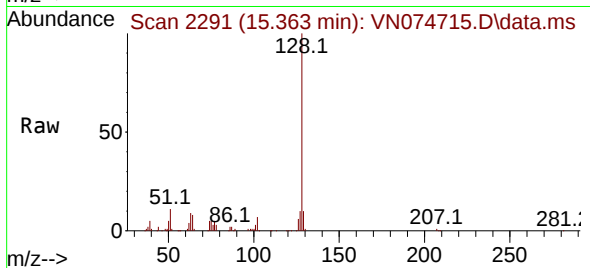
Tgt Ion:225 Resp: 33680
Ion Ratio Lower Upper
225 100
223 66.6 32.4 97.2
227 54.1 31.8 95.4





#95
Naphthalene
Concen: 21.244 ug/l
RT: 15.363 min Scan# 21
Delta R.T. 0.001 min
Lab File: VN074715.D
Acq: 03 Oct 2022 19:03

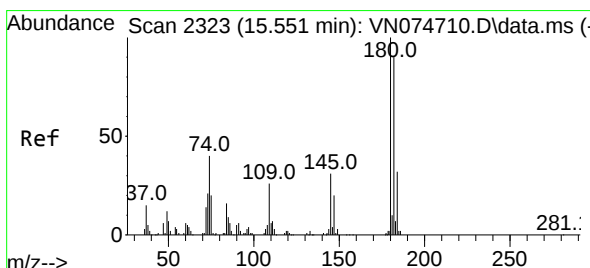
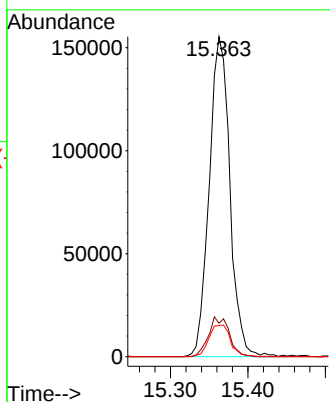
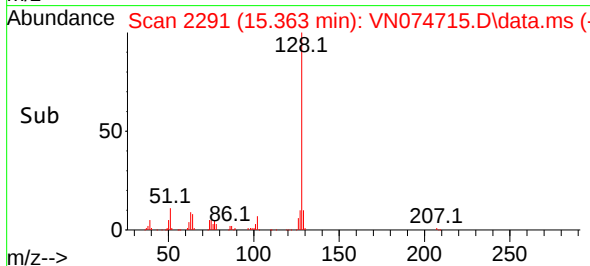
Instrument :
MSVOA_N
ClientSampleId :
VN1003WBS01



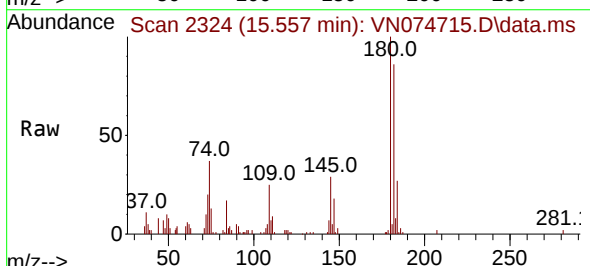
Tgt Ion:128 Resp: 28783
Ion Ratio Lower Upper
128 100
127 12.5 10.3 15.5
129 10.4 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/04/2022
Supervised By :Mahesh Dadoda 10/05/2022



#96
1,2,3-Trichlorobenzene
Concen: 20.288 ug/l
RT: 15.557 min Scan# 2324
Delta R.T. 0.006 min
Lab File: VN074715.D
Acq: 03 Oct 2022 19:03



Tgt Ion:180 Resp: 76337
Ion Ratio Lower Upper
180 100
182 94.0 47.8 143.3
145 32.4 15.5 46.5

