

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020222\
 Data File : VN070890.D
 Acq On : 2 Feb 2022 13:21
 Operator : JC/MD
 Sample : VSTDICC005
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC005

Quant Time: Feb 02 15:18:33 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N020222W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 02 15:12:54 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 02/03/2022
 Supervised By : Mahesh Dadoda 02/04/2022

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	789815	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1317389	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1174581	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	451813	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	55553	4.908	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	9.820%#		
35) Dibromofluoromethane	8.019	113	40030	4.899	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	9.800%#		
50) Toluene-d8	10.440	98	164660	4.783	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	9.560%#		
62) 4-Bromofluorobenzene	12.731	95	55967	4.562	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	9.120%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.073	85	42518	4.659	ug/l	99
3) Chloromethane	2.301	50	53048	3.976	ug/l	99
4) Vinyl Chloride	2.448	62	45229	3.565	ug/l	100
5) Bromomethane	2.842	94	25422	3.847	ug/l	96
6) Chloroethane	3.011	64	22963	2.900	ug/l	98
7) Trichlorofluoromethane	3.373	101	51911	3.581	ug/l	100
8) Diethyl Ether	3.824	74	30771	4.860	ug/l	88
9) 1,1,2-Trichlorotrifluo...	4.210	101	40413m	4.613	ug/l	
10) Methyl Iodide	4.417	142	52424	4.641	ug/l	97
11) Tert butyl alcohol	5.382	59	53961	26.424	ug/l #	87
12) 1,1-Dichloroethene	4.178	96	40265	4.608	ug/l	91
13) Acrolein	4.039	56	71584	24.441	ug/l	99
14) Allyl chloride	4.840	41	91458	4.804	ug/l	86
15) Acrylonitrile	5.557	53	157075	24.178	ug/l	99
16) Acetone	4.288	43	156833	19.962	ug/l	99
17) Carbon Disulfide	4.524	76	125103	5.272	ug/l	98
18) Methyl Acetate	4.859	43	85783	5.552	ug/l	92
19) Methyl tert-butyl Ether	5.618	73	152581	4.888	ug/l	95
20) Methylene Chloride	5.093	84	50094	4.841	ug/l	92
21) trans-1,2-Dichloroethene	5.599	96	43249m	4.918	ug/l	
22) Diisopropyl ether	6.498	45	180897	4.794	ug/l	90
23) Vinyl Acetate	6.431	43	779168	24.359	ug/l	95
24) 1,1-Dichloroethane	6.385	63	91637	4.855	ug/l	99
25) 2-Butanone	7.337	43	229841	23.249	ug/l	94
26) 2,2-Dichloropropane	7.324	77	70446	4.868	ug/l	98
27) cis-1,2-Dichloroethene	7.327	96	52414	5.017	ug/l	90
28) Bromochloromethane	7.659	49	38213	4.509	ug/l #	79
29) Tetrahydrofuran	7.689	42	148048	24.457	ug/l	89
30) Chloroform	7.815	83	88204	4.162	ug/l	97
31) Cyclohexane	8.094	56	103464	5.191	ug/l #	88
32) 1,1,1-Trichloroethane	8.016	97	72637	4.958	ug/l	96
36) 1,1-Dichloropropene	8.220	75	63837	4.640	ug/l	95
37) Ethyl Acetate	7.415	43	90245	4.941	ug/l	98
38) Carbon Tetrachloride	8.204	117	60994	4.984	ug/l	99
39) Methylcyclohexane	9.459	83	76843	4.525	ug/l #	87
40) Benzene	8.458	78	208770	4.898	ug/l	100

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 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC005

Manual Integrations
 APPROVED

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 Supervised By : Mahesh Dadoda 02/04/2022

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.638	41	44304	4.768	ug/l	90
42) 1,2-Dichloroethane	8.531	62	73239	4.955	ug/l	100
43) Isopropyl Acetate	8.560	43	147702	5.295	ug/l #	92
44) Trichloroethene	9.215	130	47622	4.928	ug/l	93
45) 1,2-Dichloropropane	9.491	63	56048	4.833	ug/l	97
46) Dibromomethane	9.574	93	33237	4.929	ug/l	96
47) Bromodichloromethane	9.762	83	64361	4.669	ug/l	99
48) Methyl methacrylate	9.558	41	58943	4.435	ug/l	89
49) 1,4-Dioxane	9.571	88	20405	102.216	ug/l #	82
51) 4-Methyl-2-Pentanone	10.330	43	437777	24.593	ug/l	97
52) Toluene	10.505	92	126691	4.969	ug/l	98
53) t-1,3-Dichloropropene	10.717	75	70708	4.781	ug/l	98
54) cis-1,3-Dichloropropene	10.188	75	76546	4.630	ug/l	95
55) 1,1,2-Trichloroethane	10.896	97	48300	4.822	ug/l	99
56) Ethyl methacrylate	10.760	69	78534	4.664	ug/l	89
57) 1,3-Dichloropropane	11.041	76	85801	4.839	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.041	63	73993	18.610	ug/l	93
59) 2-Hexanone	11.084	43	310910	24.043	ug/l	96
60) Dibromochloromethane	11.237	129	45502	4.870	ug/l	99
61) 1,2-Dibromoethane	11.344	107	49180	4.890	ug/l	99
64) Tetrachloroethene	10.977	164	40861	4.745	ug/l	97
65) Chlorobenzene	11.768	112	127289	5.002	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.840	131	43871	5.006	ug/l	95
67) Ethyl Benzene	11.843	91	229017	4.854	ug/l	95
68) m/p-Xylenes	11.953	106	170613	9.940	ug/l	94
69) o-Xylene	12.278	106	85376	5.012	ug/l	96
70) Styrene	12.294	104	128545	4.717	ug/l	97
71) Bromoform	12.457	173	34632	5.232	ug/l #	100
73) Isopropylbenzene	12.578	105	211130	4.939	ug/l	97
74) N-amyl acetate	12.388	43	85172	4.874	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.825	83	74380	5.153	ug/l	99
76) 1,2,3-Trichloropropane	12.878	75	58642m	4.894	ug/l	
77) Bromobenzene	12.860	156	50763	5.297	ug/l	78
78) n-propylbenzene	12.919	91	229817	4.808	ug/l	96
79) 2-Chlorotoluene	13.004	91	147572	4.880	ug/l	95
80) 1,3,5-Trimethylbenzene	13.058	105	168289	4.869	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.621	75	19813	4.926	ug/l	94
82) 4-Chlorotoluene	13.104	91	136931	4.847	ug/l	94
83) tert-Butylbenzene	13.321	119	146450	4.867	ug/l	94
84) 1,2,4-Trimethylbenzene	13.366	105	163121	4.909	ug/l	99
85) sec-Butylbenzene	13.501	105	200549	4.903	ug/l	97
86) p-Isopropyltoluene	13.613	119	158173	4.922	ug/l	98
87) 1,3-Dichlorobenzene	13.613	146	79831	5.008	ug/l	94
88) 1,4-Dichlorobenzene	13.694	146	81406	5.131	ug/l	92
89) n-Butylbenzene	13.940	91	132590	5.002	ug/l	98
90) Hexachloroethane	14.209	117	27623	4.918	ug/l	99
91) 1,2-Dichlorobenzene	13.989	146	77732	4.935	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.603	75	11411	4.660	ug/l	85
93) 1,2,4-Trichlorobenzene	15.263	180	36355	5.197	ug/l	96
94) Hexachlorobutadiene	15.367	225	27903	5.982	ug/l	96
95) Naphthalene	15.507	128	81970	4.534	ug/l	100
96) 1,2,3-Trichlorobenzene	15.700	180	34158	5.123	ug/l	98

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ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/04/2022

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Quant Title : SW846 8260
QLast Update : Wed Feb 02 15:12:54 2022
Response via : Initial Calibration

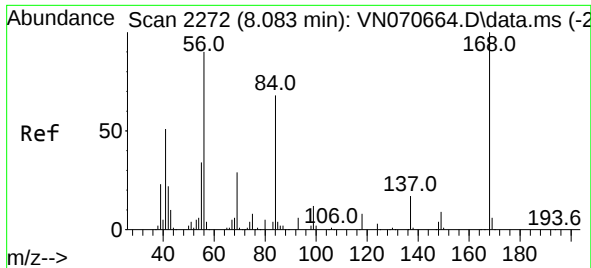
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Manual Integrations APPROVED

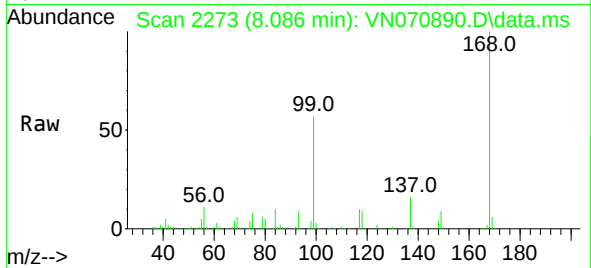
Quant Time: Feb 02 15:18:33 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N020222W.M
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN070890.D
Acq: 2 Feb 2022 13:21

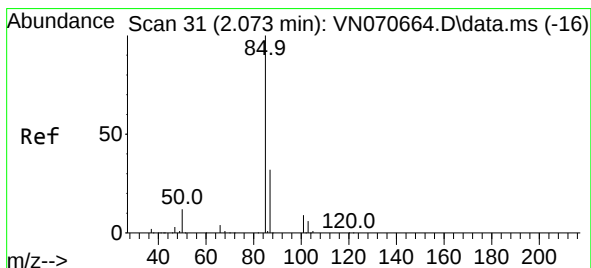
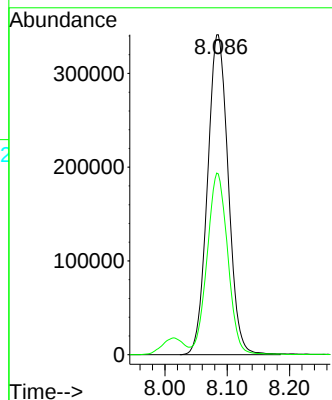
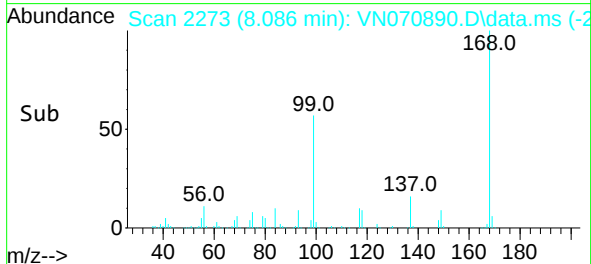
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



Tgt Ion:168 Resp: 78981
Ion Ratio Lower Upper
168 100
99 56.3 41.3 61.9

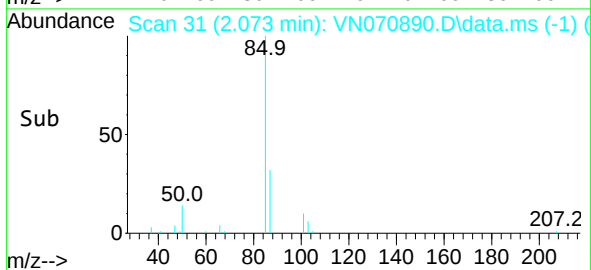
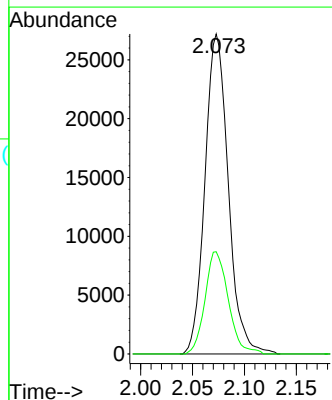
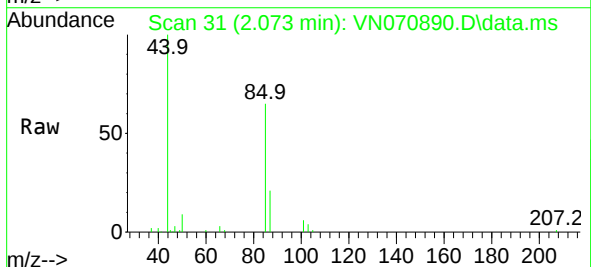
Manual Integrations
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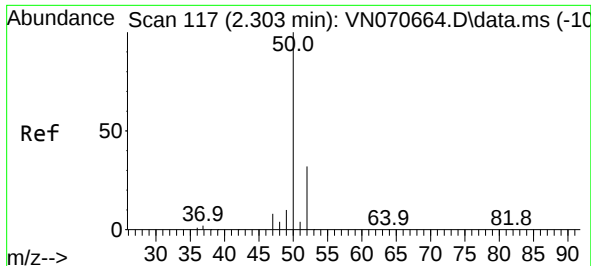
Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/04/2022



#2
Dichlorodifluoromethane
Concen: 4.659 ug/l
RT: 2.073 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN070890.D
Acq: 2 Feb 2022 13:21

Tgt Ion: 85 Resp: 42518
Ion Ratio Lower Upper
85 100
87 31.9 16.3 48.9





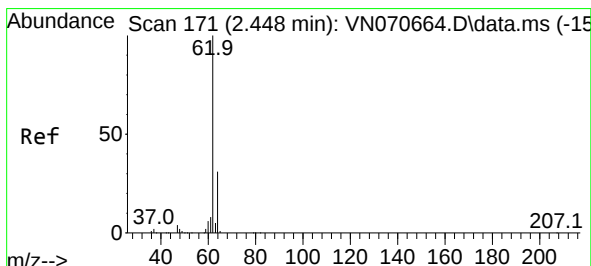
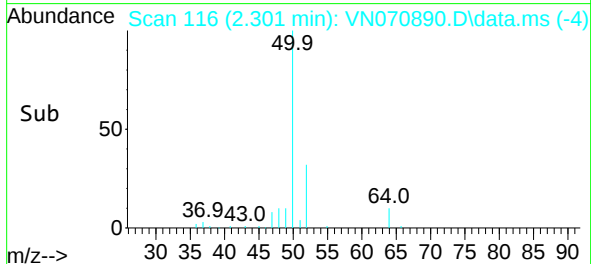
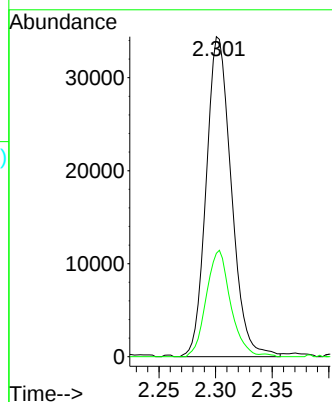
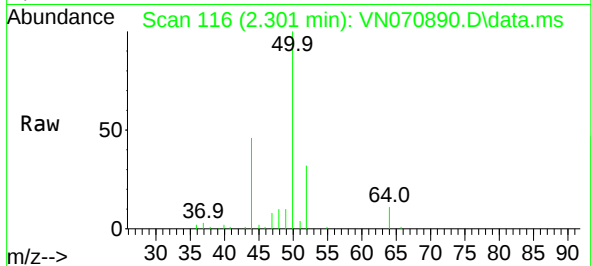
#3
Chloromethane
Concen: 3.976 ug/l
RT: 2.301 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN070890.D
Acq: 2 Feb 2022 13:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 50 Resp: 53048
Ion Ratio Lower Upper
50 100
52 32.3 25.4 38.0

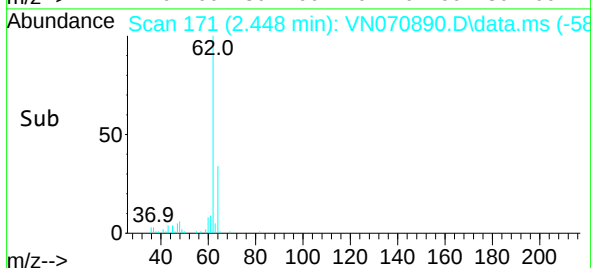
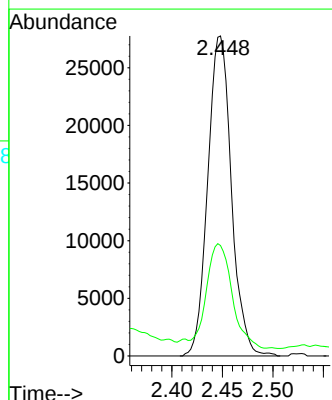
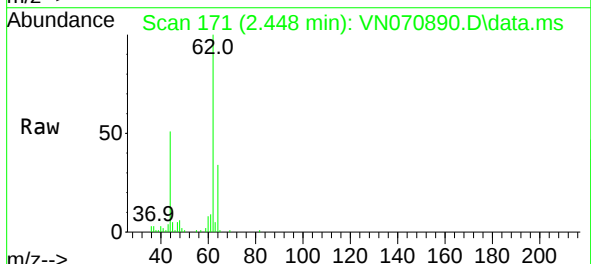
Manual Integrations
APPROVED

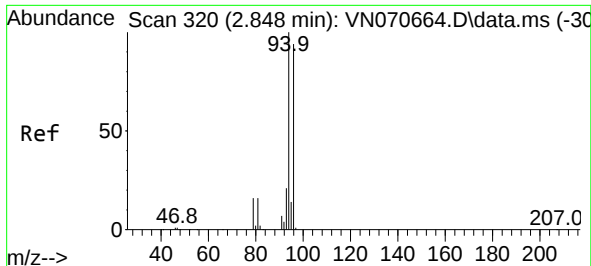
Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/04/2022



#4
Vinyl Chloride
Concen: 3.565 ug/l
RT: 2.448 min Scan# 171
Delta R.T. 0.003 min
Lab File: VN070890.D
Acq: 2 Feb 2022 13:21

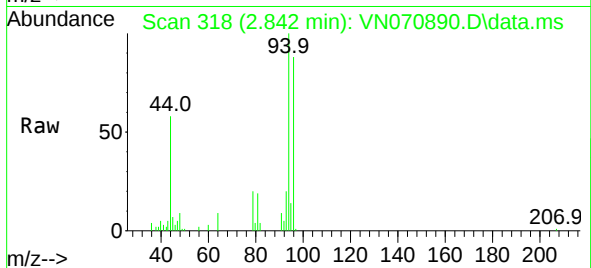
Tgt Ion: 62 Resp: 45229
Ion Ratio Lower Upper
62 100
64 32.2 25.8 38.6





#5
Bromomethane
Concen: 3.847 ug/l
RT: 2.842 min Scan# 311
Delta R.T. 0.011 min
Lab File: VN070890.D
Acq: 2 Feb 2022 13:21

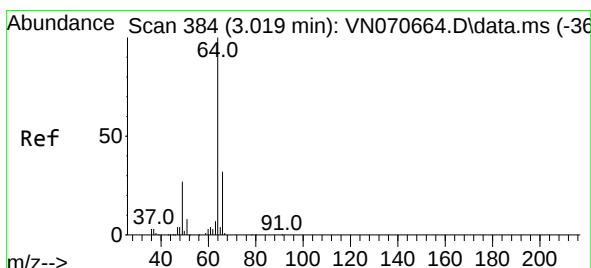
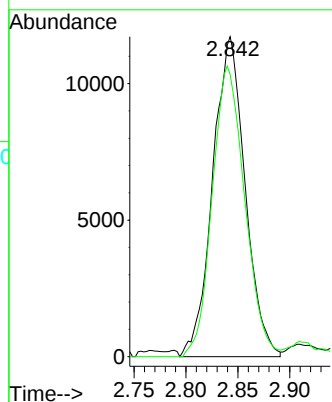
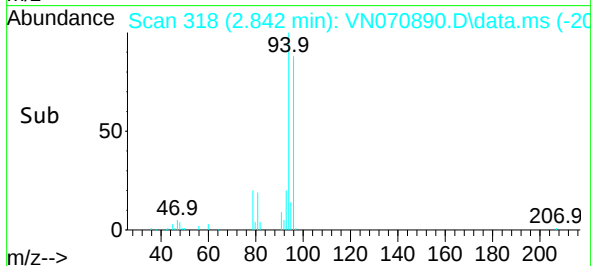
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 94 Resp: 2542
Ion Ratio Lower Upper
94 100
96 88.3 73.8 110.8

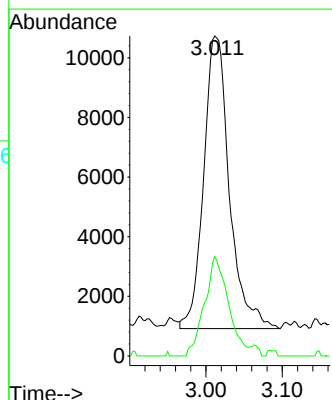
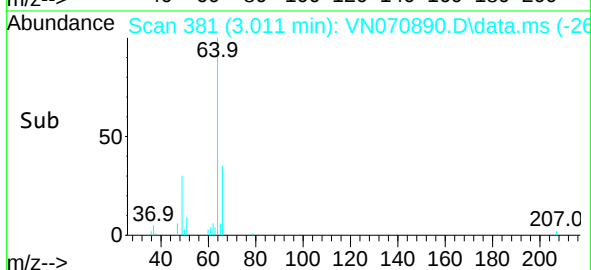
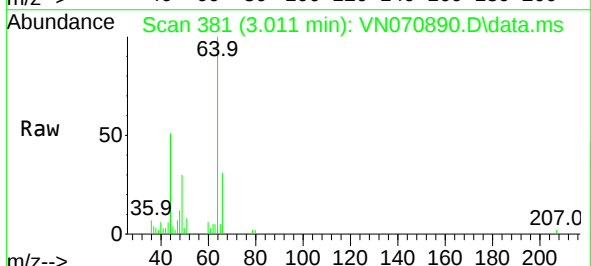
Manual Integrations
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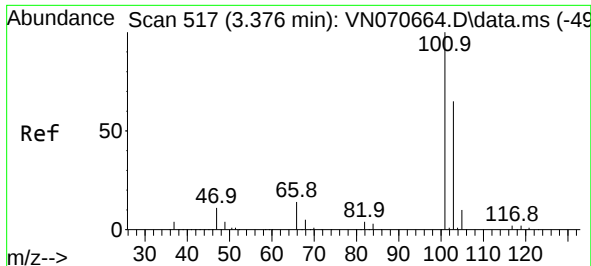
Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/04/2022



#6
Chloroethane
Concen: 2.900 ug/l
RT: 3.011 min Scan# 381
Delta R.T. 0.003 min
Lab File: VN070890.D
Acq: 2 Feb 2022 13:21

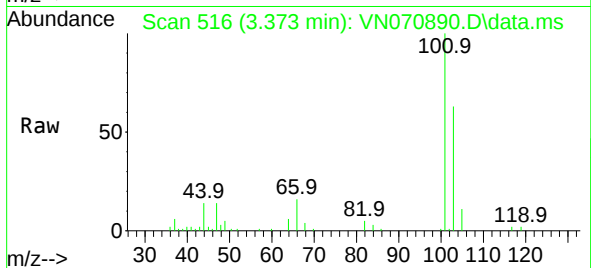
Tgt Ion: 64 Resp: 22963
Ion Ratio Lower Upper
64 100
66 34.0 26.3 39.5





#7
Trichlorofluoromethane
Concen: 3.581 ug/l
RT: 3.373 min Scan# 517
Delta R.T. 0.003 min
Lab File: VN070890.D
Acq: 2 Feb 2022 13:21

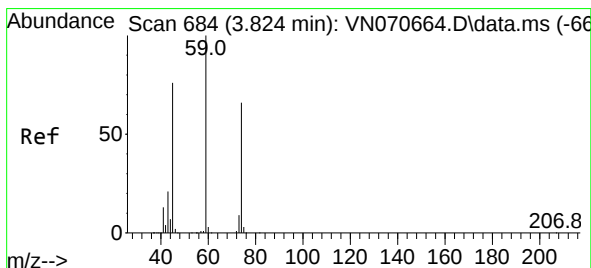
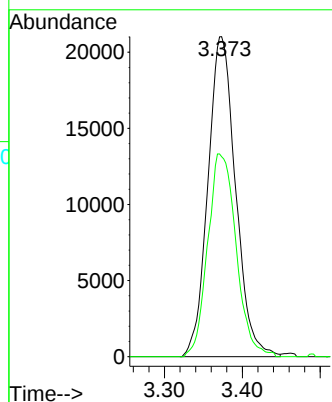
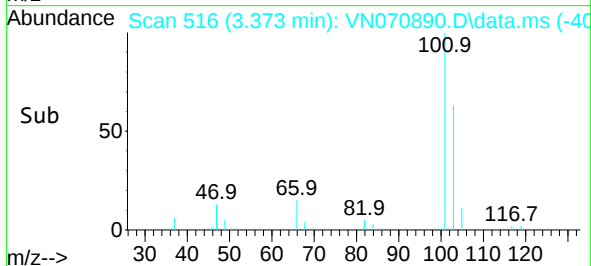
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



Tgt Ion:101 Resp: 5191
Ion Ratio Lower Upper
101 100
103 62.5 50.1 75.1

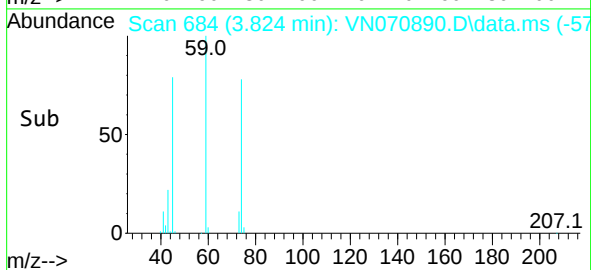
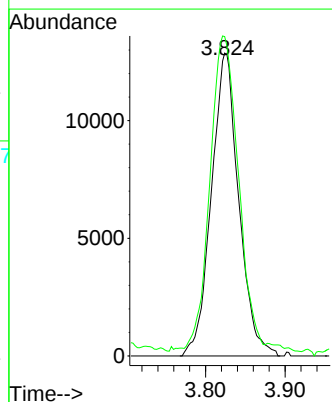
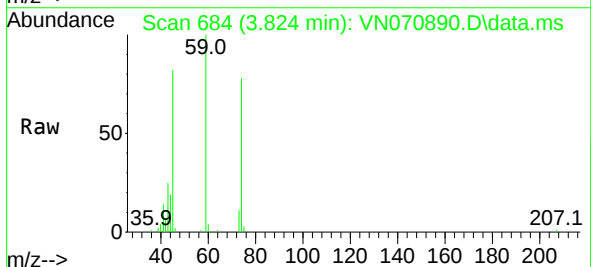
Manual Integrations
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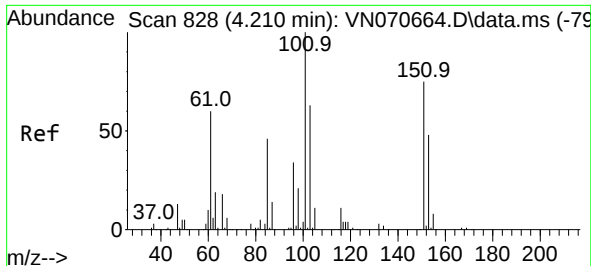
Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/04/2022



#8
Diethyl Ether
Concen: 4.860 ug/l
RT: 3.824 min Scan# 684
Delta R.T. 0.003 min
Lab File: VN070890.D
Acq: 2 Feb 2022 13:21

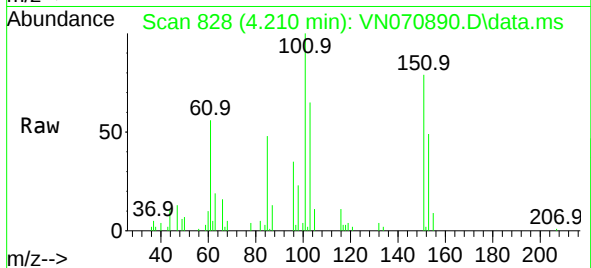
Tgt Ion: 74 Resp: 30771
Ion Ratio Lower Upper
74 100
45 105.7 47.0 141.2





#9
1,1,2-Trichlorotrifluoroethane
Concen: 4.613 ug/l m
RT: 4.210 min Scan# 81
Delta R.T. 0.005 min
Lab File: VN070890.D
Acq: 2 Feb 2022 13:21

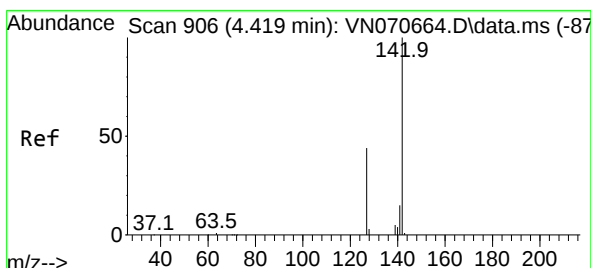
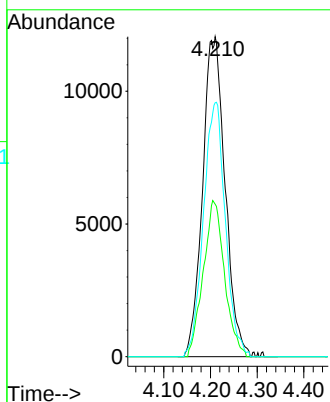
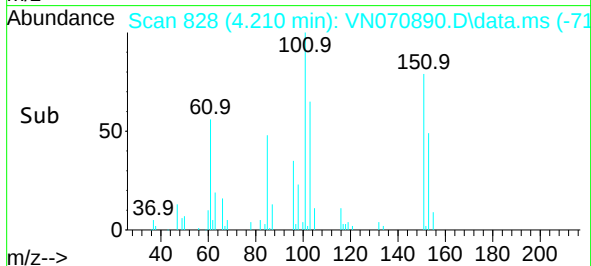
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



Tgt Ion:101 Resp: 4041
Ion Ratio Lower Upper
101 100
85 46.1 37.2 55.8
151 77.1 65.9 98.9

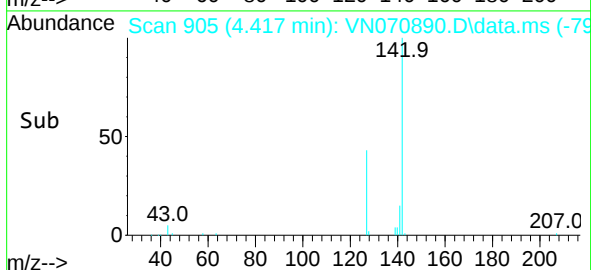
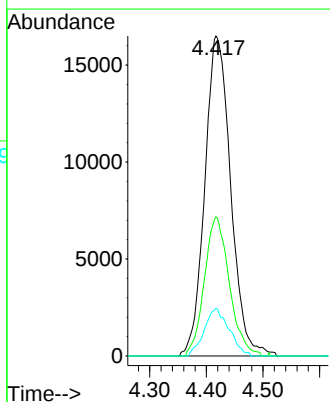
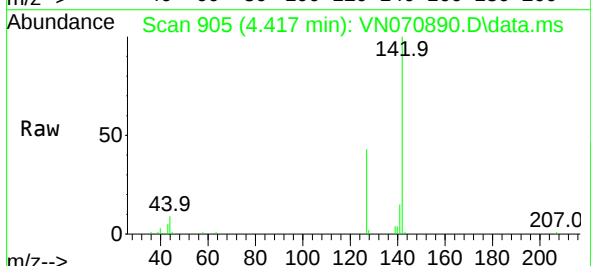
Manual Integrations
APPROVED

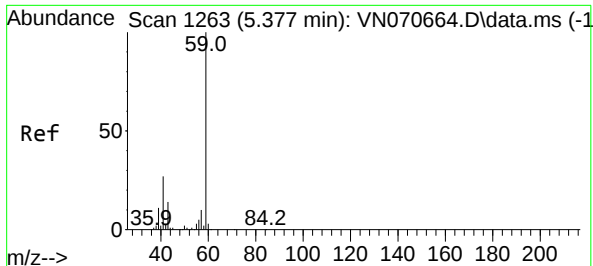
Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/04/2022



#10
Methyl Iodide
Concen: 4.641 ug/l
RT: 4.417 min Scan# 905
Delta R.T. -0.000 min
Lab File: VN070890.D
Acq: 2 Feb 2022 13:21

Tgt Ion:142 Resp: 52424
Ion Ratio Lower Upper
142 100
127 41.8 35.4 53.0
141 14.2 11.6 17.4





#11

Tert butyl alcohol

Concen: 26.424 ug/l

RT: 5.382 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN070890.D

Acq: 2 Feb 2022 13:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tgt Ion: 59 Resp: 5396

Ion Ratio Lower Upper

59 100

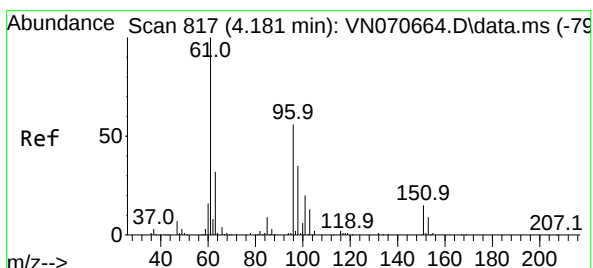
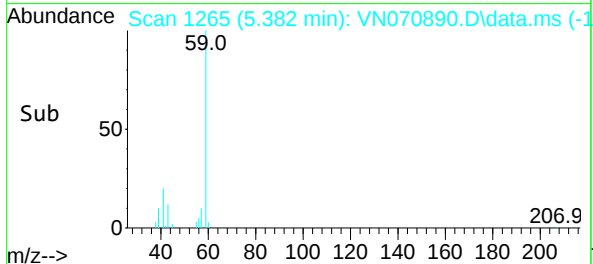
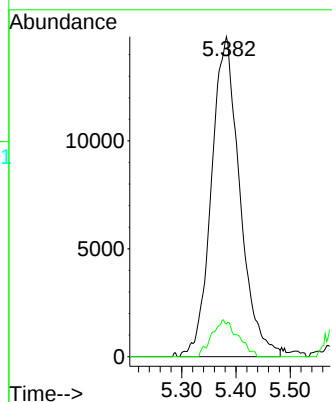
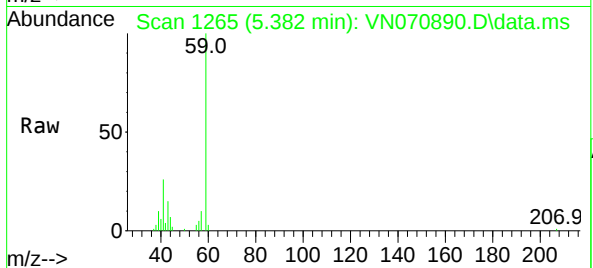
57 5.8 8.7 13.1

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Reviewed By :John Carlone 02/03/2022

Supervised By :Mahesh Dadoda 02/04/2022



#12

1,1-Dichloroethene

Concen: 4.608 ug/l

RT: 4.178 min Scan# 816

Delta R.T. 0.003 min

Lab File: VN070890.D

Acq: 2 Feb 2022 13:21

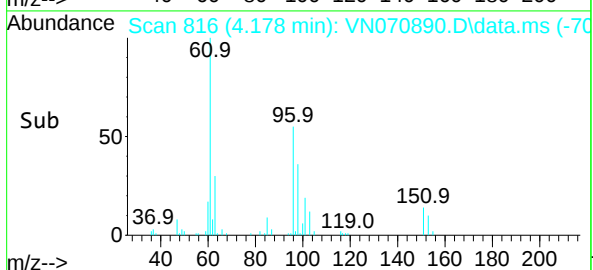
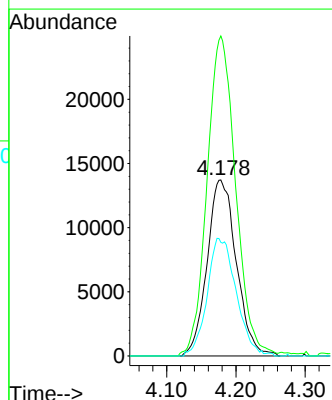
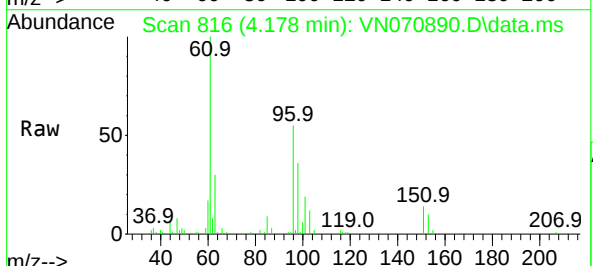
Tgt Ion: 96 Resp: 40265

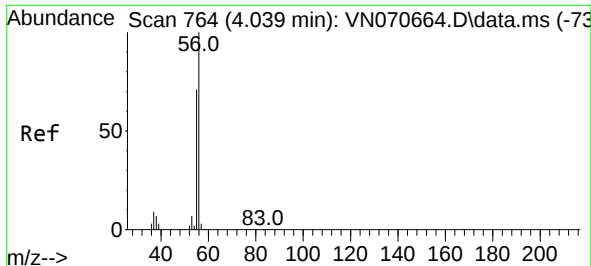
Ion Ratio Lower Upper

96 100

61 180.4 131.0 196.6

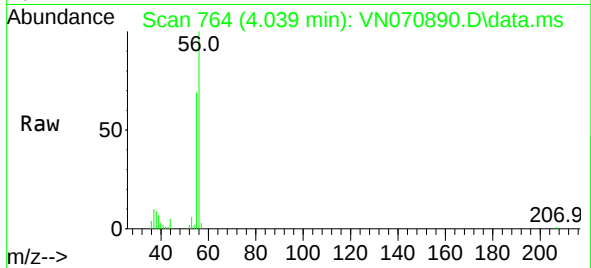
98 64.6 52.4 78.6





#13
Acrolein
Concen: 24.441 ug/l
RT: 4.039 min Scan# 71584
Delta R.T. -0.000 min
Lab File: VN070890.D
Acq: 2 Feb 2022 13:21

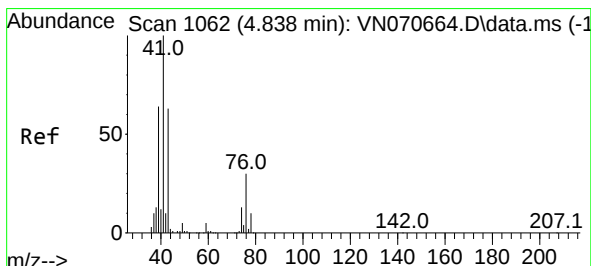
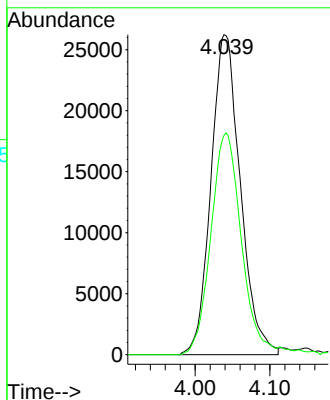
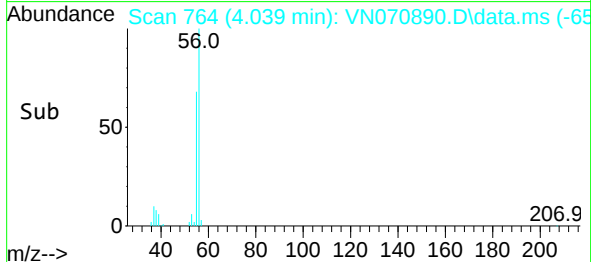
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



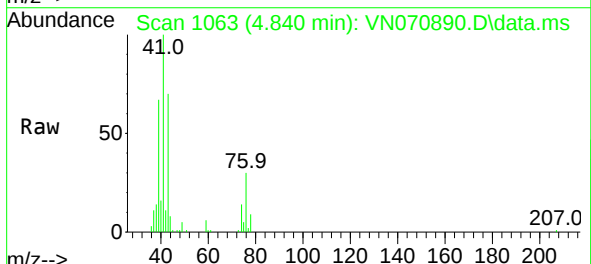
Tgt Ion: 56 Resp: 71584
Ion Ratio Lower Upper
56 100
55 71.4 56.6 85.0

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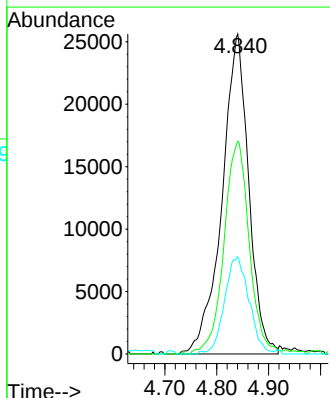
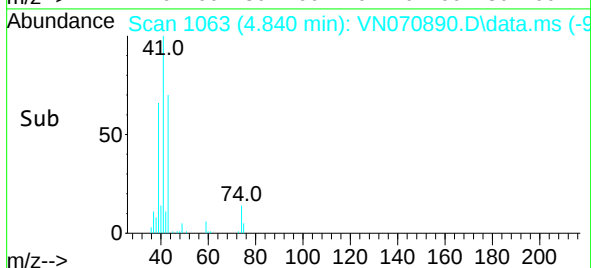
Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/04/2022

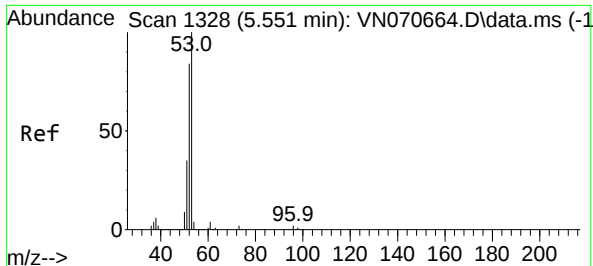


#14
Allyl chloride
Concen: 4.804 ug/l
RT: 4.840 min Scan# 1063
Delta R.T. 0.003 min
Lab File: VN070890.D
Acq: 2 Feb 2022 13:21



Tgt Ion: 41 Resp: 91458
Ion Ratio Lower Upper
41 100
39 62.8 61.2 91.8
76 26.3 26.0 39.0





#15

Acrylonitrile

Concen: 24.178 ug/l

RT: 5.557 min Scan# 1

Delta R.T. 0.005 min

Lab File: VN070890.D

Acq: 2 Feb 2022 13:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

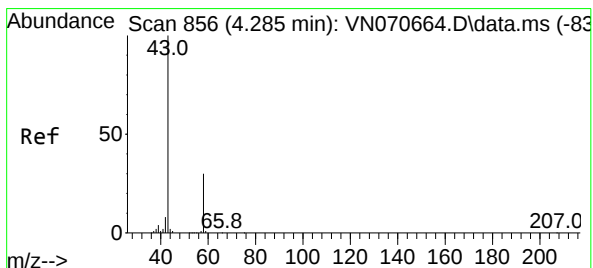
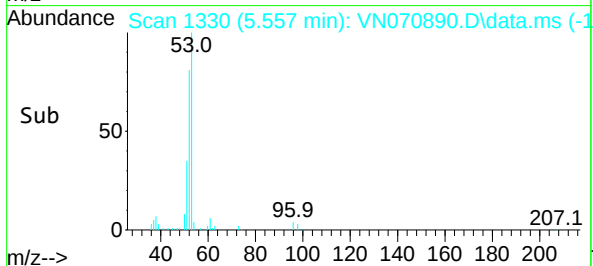
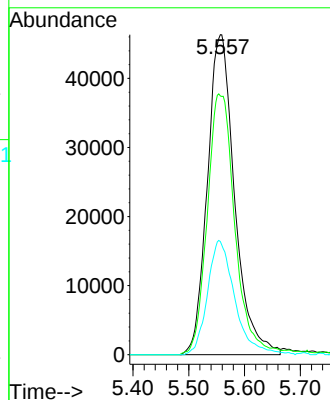
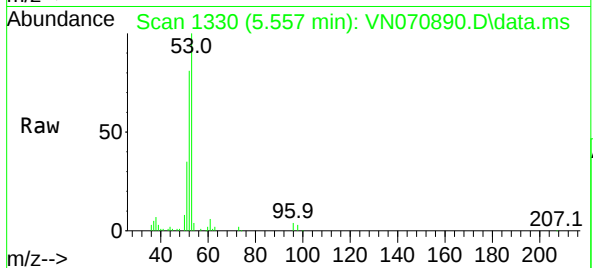
Tgt Ion: 53	Resp: 157079
Ion Ratio	Lower Upper
53	100
52	81.7 66.2 99.2
51	35.7 29.6 44.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/03/2022

Supervised By :Mahesh Dadoda 02/04/2022



#16

Acetone

Concen: 19.962 ug/l

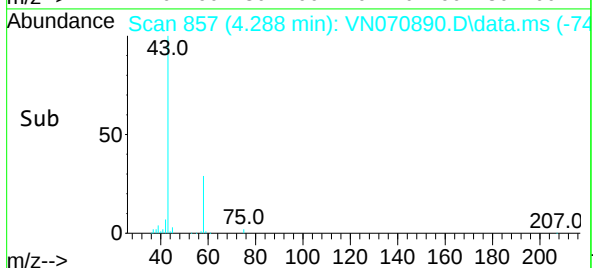
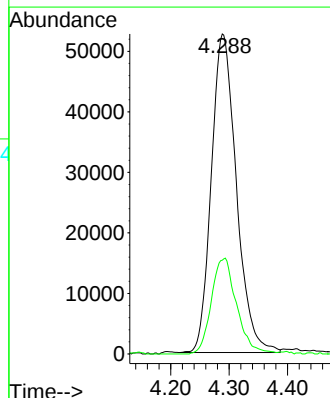
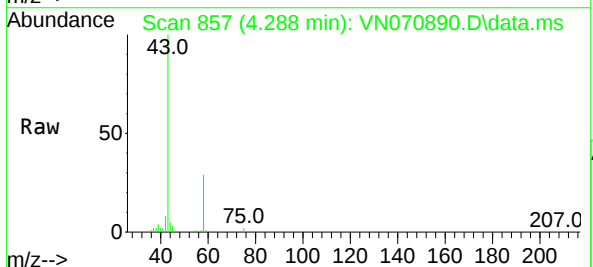
RT: 4.288 min Scan# 857

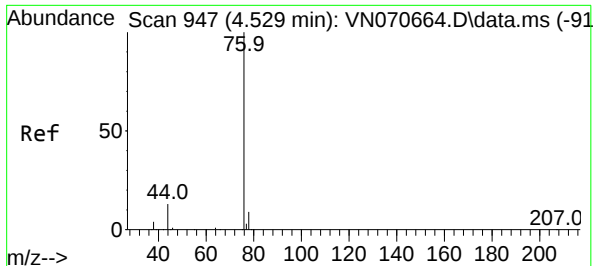
Delta R.T. 0.003 min

Lab File: VN070890.D

Acq: 2 Feb 2022 13:21

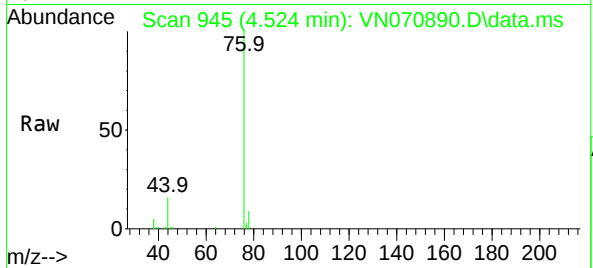
Tgt Ion: 43	Resp: 156833
Ion Ratio	Lower Upper
43	100
58	29.5 23.1 34.7





#17
Carbon Disulfide
Concen: 5.272 ug/l
RT: 4.524 min Scan# 947
Delta R.T. -0.000 min
Lab File: VN070890.D
Acq: 2 Feb 2022 13:21

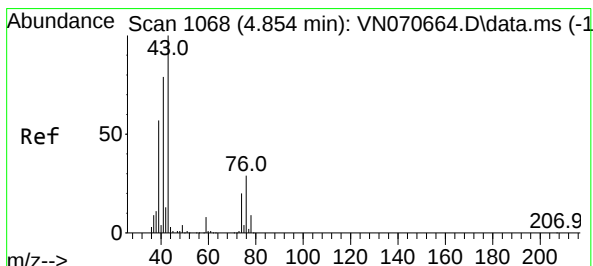
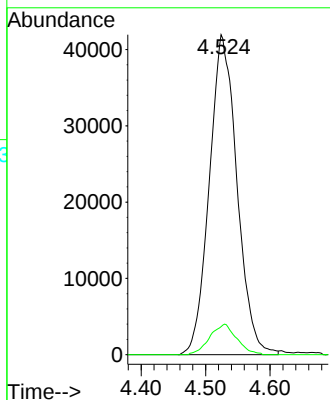
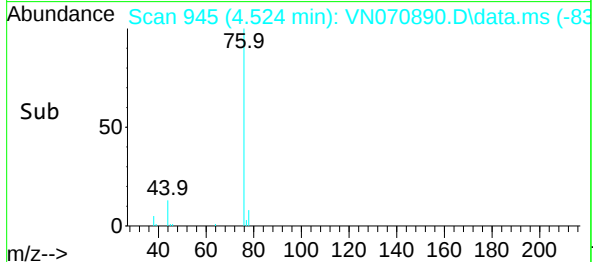
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



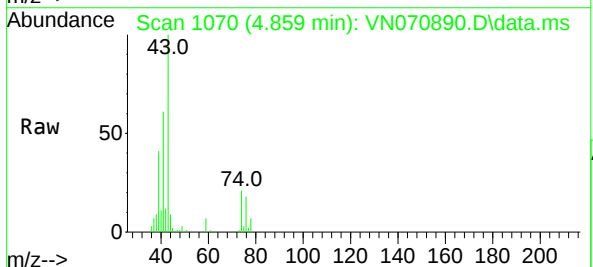
Tgt Ion: 76 Resp: 12510
Ion Ratio Lower Upper
76 100
78 8.7 7.5 11.3

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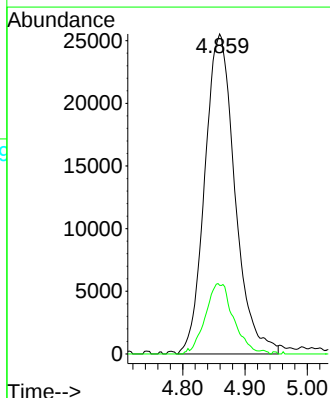
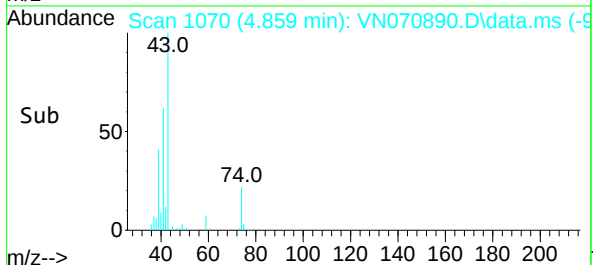
Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/04/2022

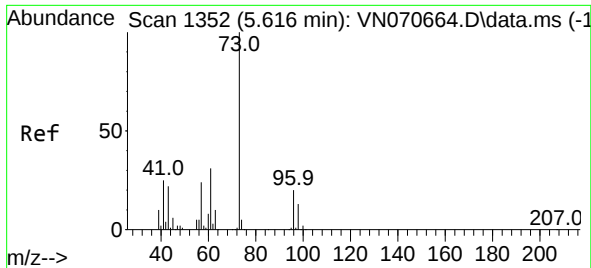


#18
Methyl Acetate
Concen: 5.552 ug/l
RT: 4.859 min Scan# 1070
Delta R.T. 0.005 min
Lab File: VN070890.D
Acq: 2 Feb 2022 13:21



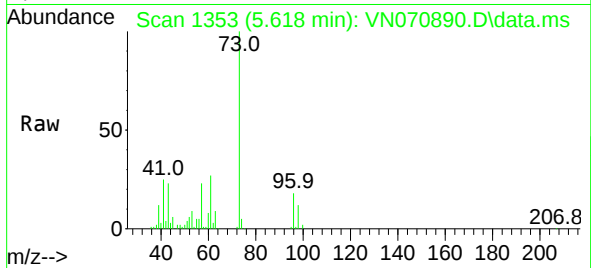
Tgt Ion: 43 Resp: 85783
Ion Ratio Lower Upper
43 100
74 20.5 19.4 29.2





#19
Methyl tert-butyl Ether
Concen: 4.888 ug/l
RT: 5.618 min Scan# 1157
Delta R.T. 0.003 min
Lab File: VN070890.D
Acq: 2 Feb 2022 13:21

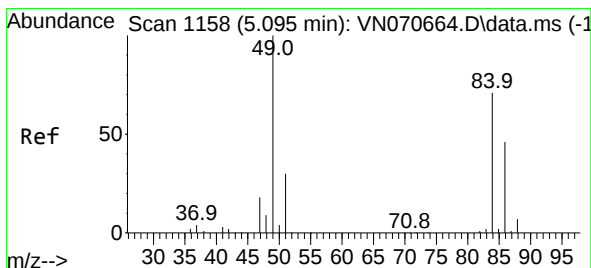
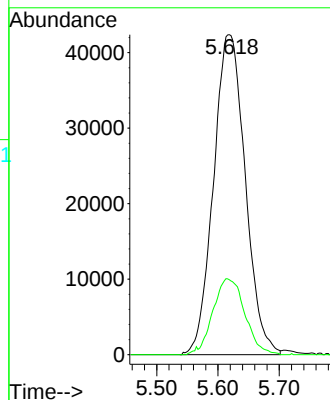
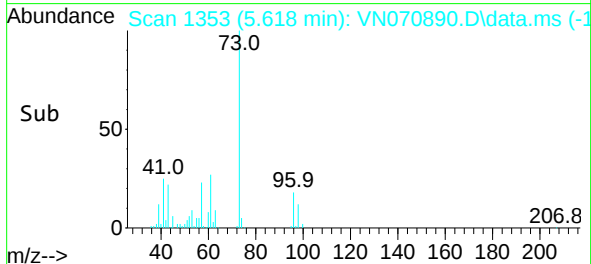
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 73 Resp: 15258
Ion Ratio Lower Upper
73 100
57 23.4 16.8 25.2

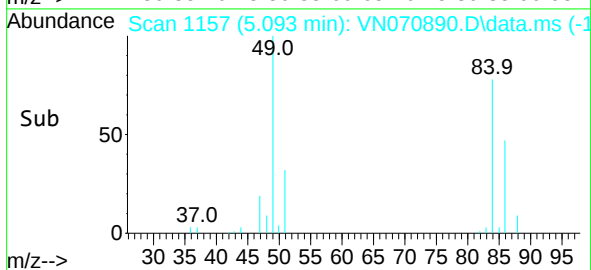
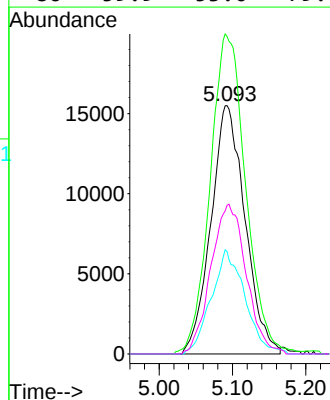
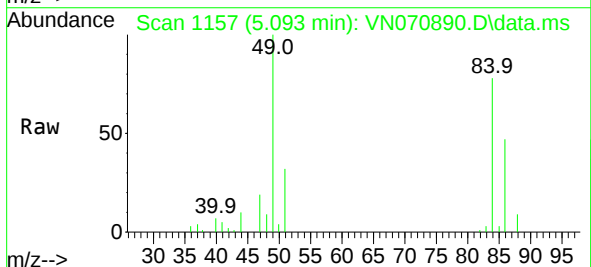
Manual Integrations
APPROVED

Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/04/2022



#20
Methylene Chloride
Concen: 4.841 ug/l
RT: 5.093 min Scan# 1157
Delta R.T. 0.003 min
Lab File: VN070890.D
Acq: 2 Feb 2022 13:21

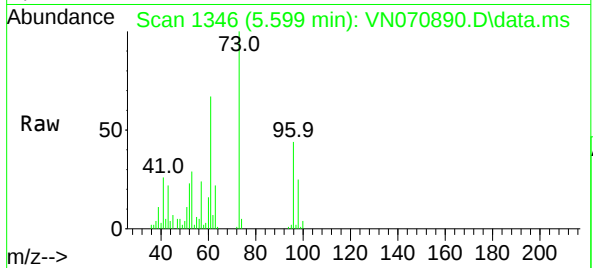
Tgt Ion: 84 Resp: 50094
Ion Ratio Lower Upper
84 100
49 126.3 93.5 140.3
51 41.2 29.4 44.2
86 59.9 53.0 79.4





#21
trans-1,2-Dichloroethene
Concen: 4.918 ug/l m
RT: 5.599 min Scan# 11
Delta R.T. 0.005 min
Lab File: VN070890.D
Acq: 2 Feb 2022 13:21

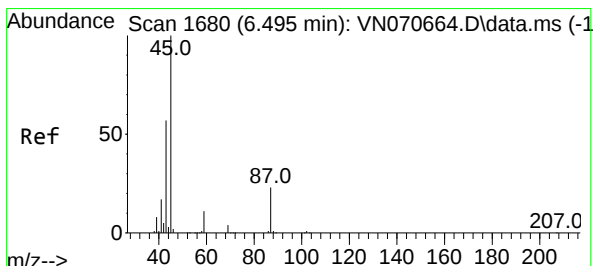
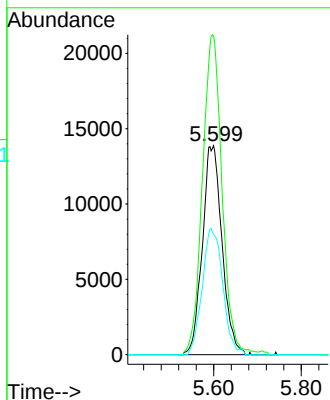
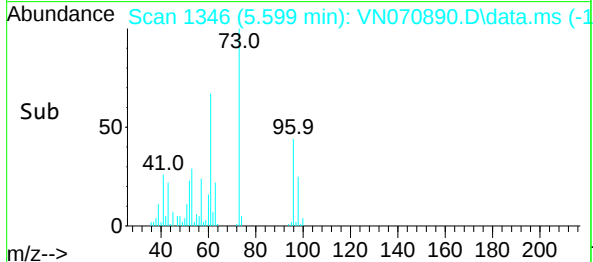
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



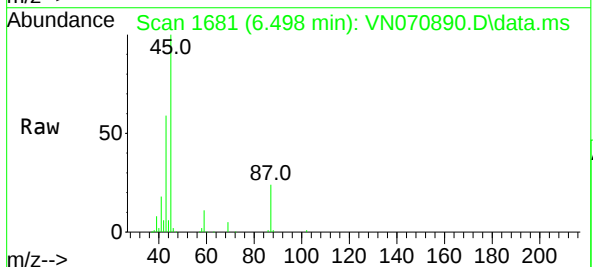
Tgt Ion: 96 Resp: 43249
Ion Ratio Lower Upper
96 100
61 152.6 105.8 158.6
98 57.5 52.0 78.0

Manual Integrations
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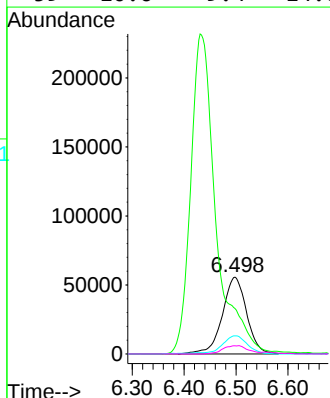
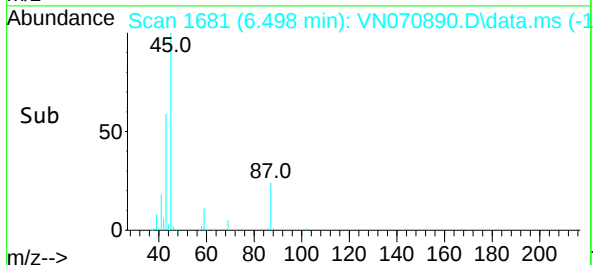
Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/04/2022

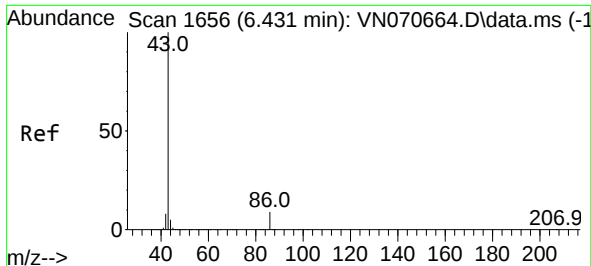


#22
Diisopropyl ether
Concen: 4.794 ug/l
RT: 6.498 min Scan# 1681
Delta R.T. 0.003 min
Lab File: VN070890.D
Acq: 2 Feb 2022 13:21



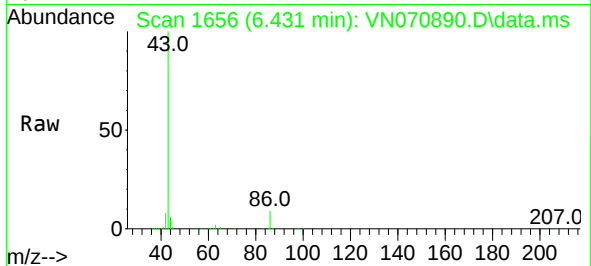
Tgt Ion: 45 Resp: 180897
Ion Ratio Lower Upper
45 100
43 55.7 51.7 77.5
87 23.6 23.2 34.8
59 10.6 9.4 14.0





#23
 Vinyl Acetate
 Concen: 24.359 ug/l
 RT: 6.431 min Scan# 1656
 Delta R.T. -0.003 min
 Lab File: VN070890.D
 Acq: 2 Feb 2022 13:21

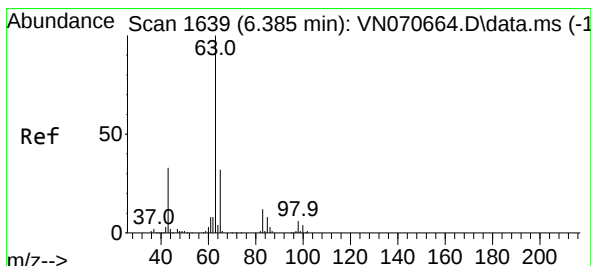
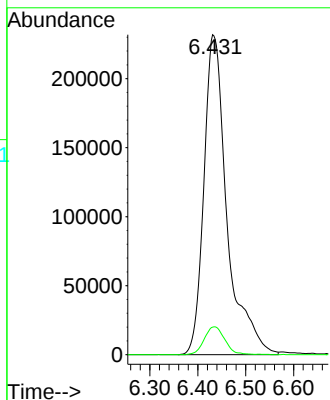
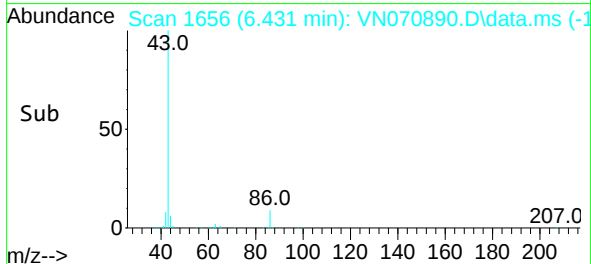
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005



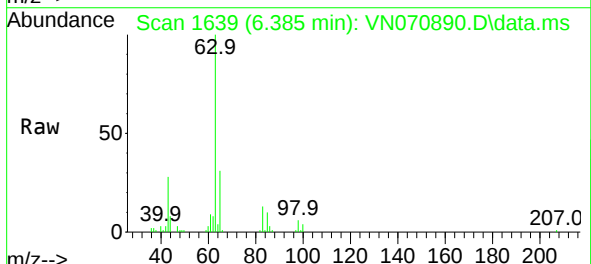
Tgt Ion: 43 Resp: 77916
 Ion Ratio Lower Upper
 43 100
 86 8.6 8.5 12.7

Manual Integrations
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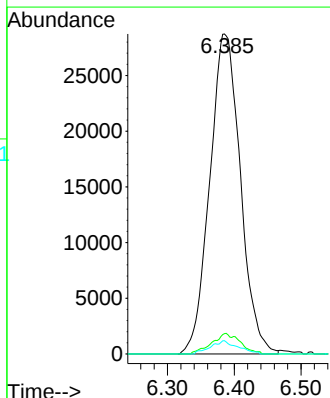
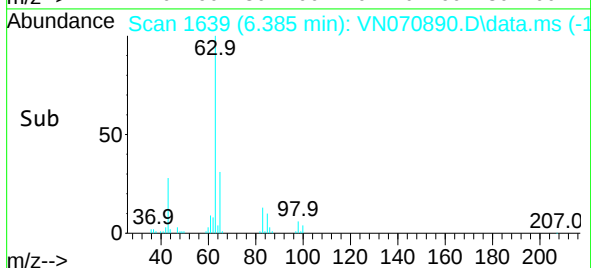
Reviewed By :John Carlone 02/03/2022
 Supervised By :Mahesh Dadoda 02/04/2022

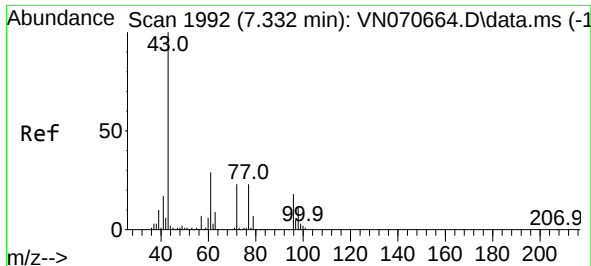


#24
 1,1-Dichloroethane
 Concen: 4.855 ug/l
 RT: 6.385 min Scan# 1639
 Delta R.T. -0.000 min
 Lab File: VN070890.D
 Acq: 2 Feb 2022 13:21



Tgt Ion: 63 Resp: 91637
 Ion Ratio Lower Upper
 63 100
 98 6.4 3.3 9.9
 100 4.2 2.1 6.5





#25

2-Butanone

Concen: 23.249 ug/l

RT: 7.337 min Scan# 1994

Delta R.T. 0.003 min

Lab File: VN070890.D

Acq: 2 Feb 2022 13:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

Tgt Ion: 43 Resp: 22984

Ion Ratio Lower Upper

43 100

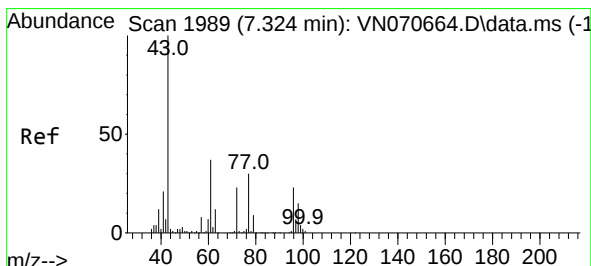
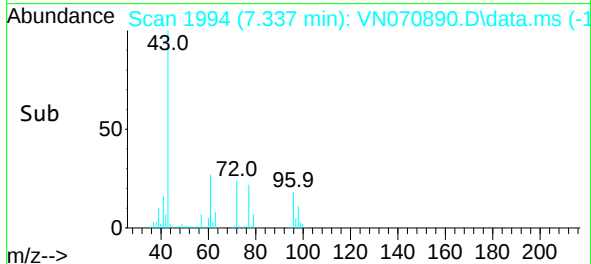
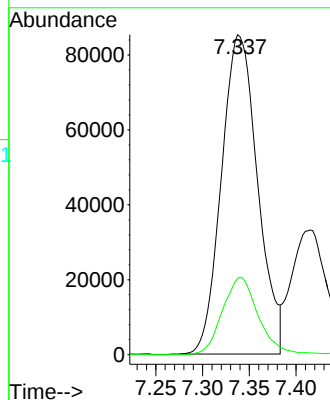
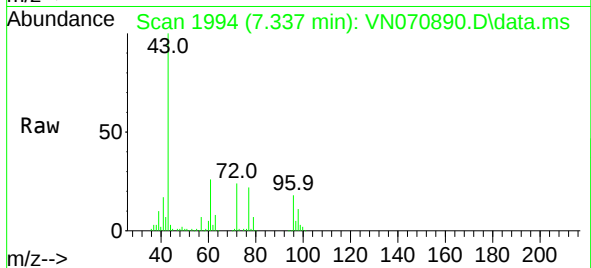
72 23.9 21.7 32.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/03/2022

Supervised By :Mahesh Dadoda 02/04/2022



#26

2,2-Dichloropropane

Concen: 4.868 ug/l

RT: 7.324 min Scan# 1989

Delta R.T. 0.003 min

Lab File: VN070890.D

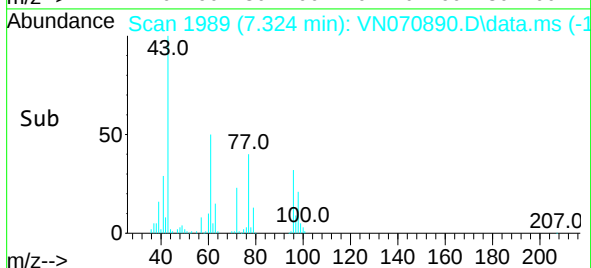
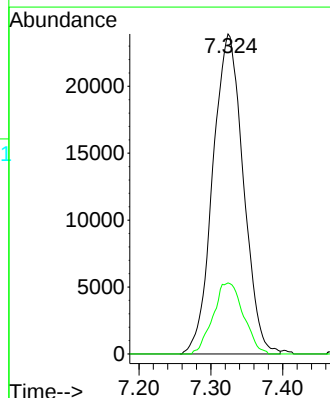
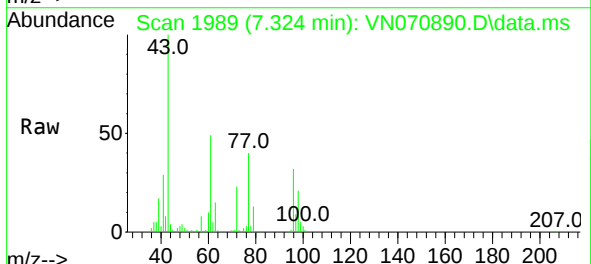
Acq: 2 Feb 2022 13:21

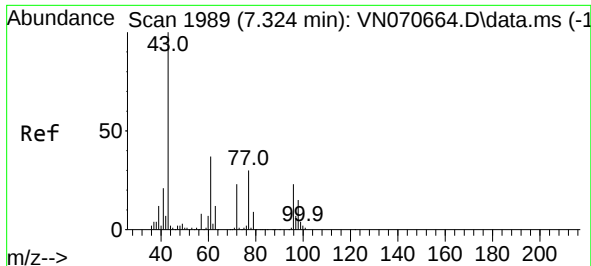
Tgt Ion: 77 Resp: 70446

Ion Ratio Lower Upper

77 100

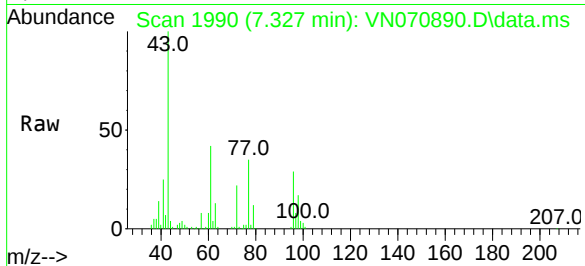
97 22.1 11.6 34.8





#27
 cis-1,2-Dichloroethene
 Concen: 5.017 ug/l
 RT: 7.327 min Scan# 1989
 Delta R.T. 0.003 min
 Lab File: VN070890.D
 Acq: 2 Feb 2022 13:21

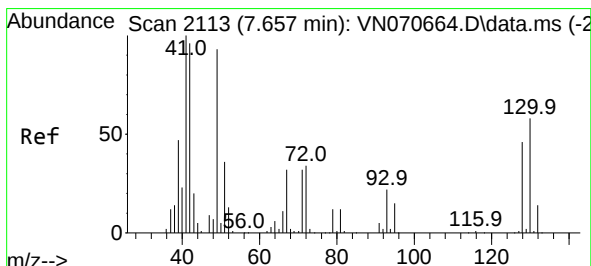
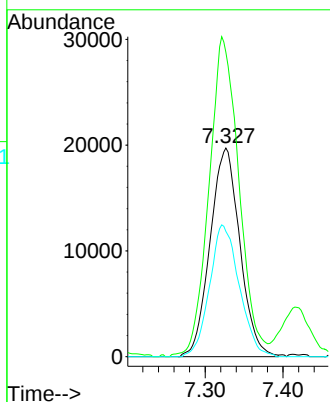
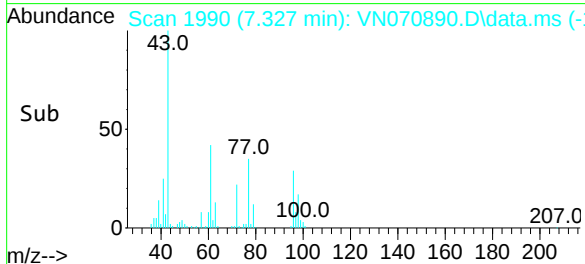
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005



Tgt Ion: 96 Resp: 52414
 Ion Ratio Lower Upper
 96 100
 61 153.7 0.0 275.0
 98 63.0 0.0 129.6

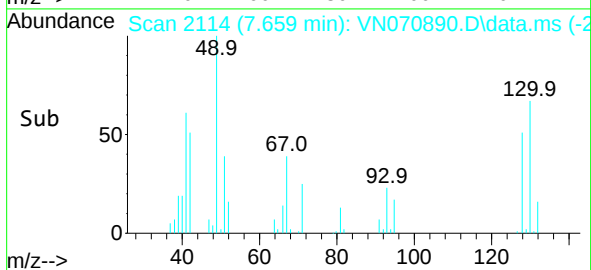
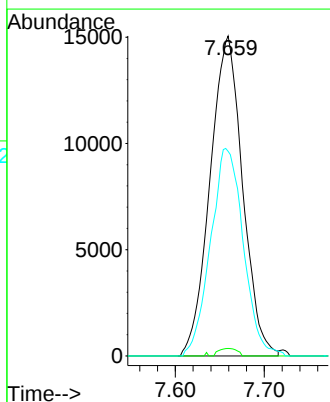
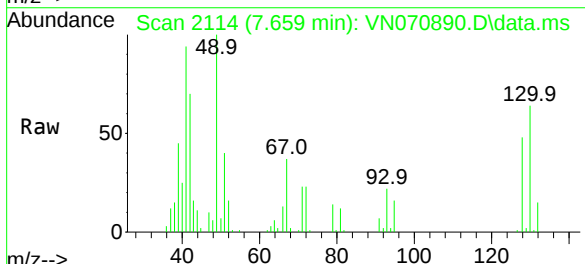
Manual Integrations
 APPROVED

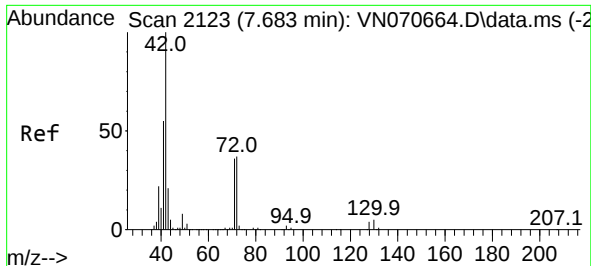
Reviewed By :John Carlone 02/03/2022
 Supervised By :Mahesh Dadoda 02/04/2022



#28
 Bromochloromethane
 Concen: 4.509 ug/l
 RT: 7.659 min Scan# 2114
 Delta R.T. 0.003 min
 Lab File: VN070890.D
 Acq: 2 Feb 2022 13:21

Tgt Ion: 49 Resp: 38213
 Ion Ratio Lower Upper
 49 100
 129 1.3 0.0 4.0
 130 65.4 67.8 101.8#





#29

Tetrahydrofuran

Concen: 24.457 ug/l

RT: 7.689 min Scan# 2123

Delta R.T. 0.003 min

Lab File: VN070890.D

Acq: 2 Feb 2022 13:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

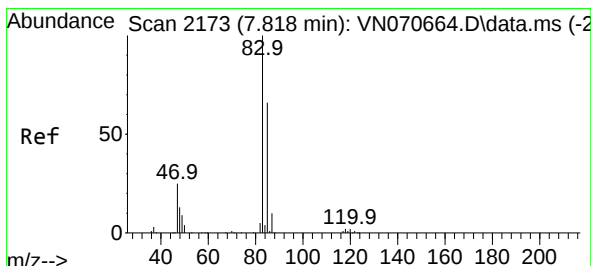
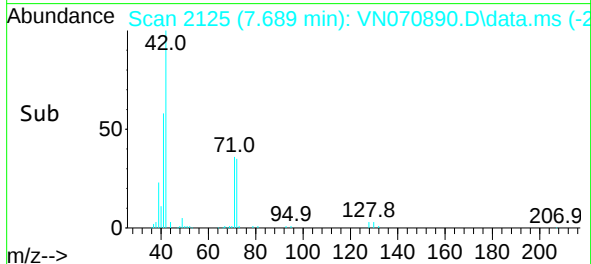
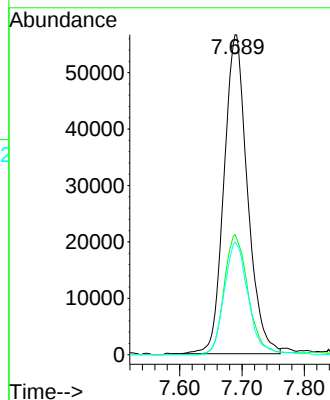
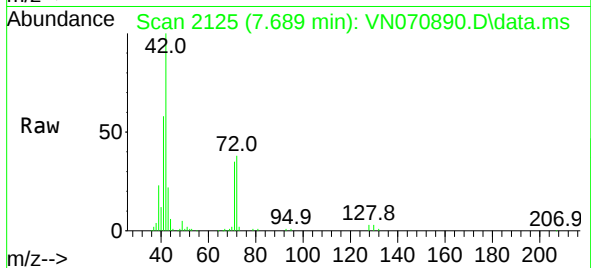
Tgt Ion: 42 Resp: 148048
 Ion Ratio Lower Upper
 42 100
 72 38.4 36.3 54.5
 71 35.6 34.7 52.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/03/2022

Supervised By :Mahesh Dadoda 02/04/2022



#30

Chloroform

Concen: 4.162 ug/l

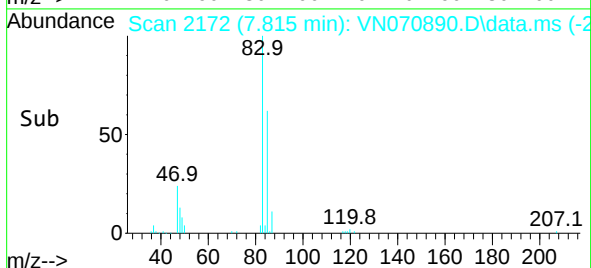
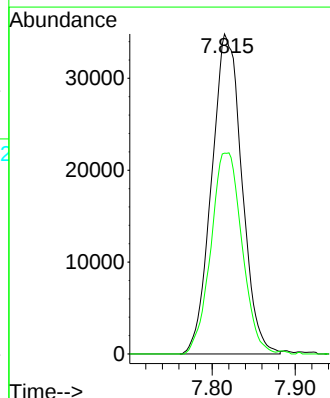
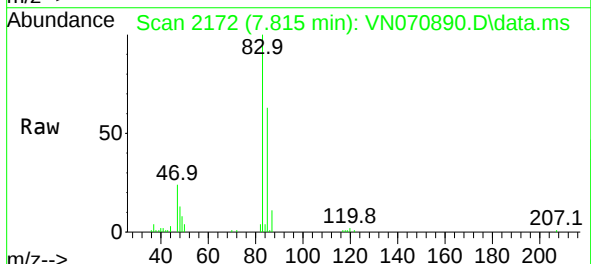
RT: 7.815 min Scan# 2172

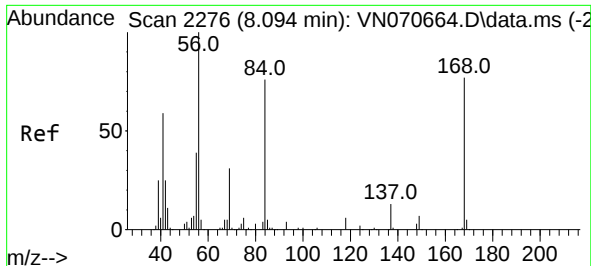
Delta R.T. -0.003 min

Lab File: VN070890.D

Acq: 2 Feb 2022 13:21

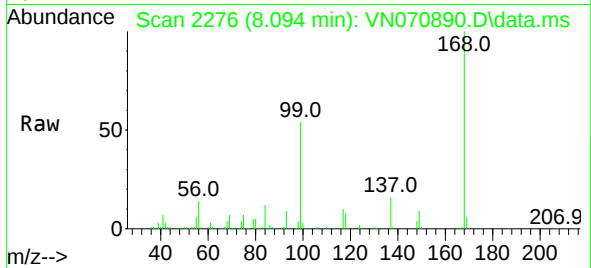
Tgt Ion: 83 Resp: 88204
 Ion Ratio Lower Upper
 83 100
 85 62.8 51.9 77.9





#31
Cyclohexane
Concen: 5.191 ug/l
RT: 8.094 min Scan# 2276
Delta R.T. -0.000 min
Lab File: VN070890.D
Acq: 2 Feb 2022 13:21

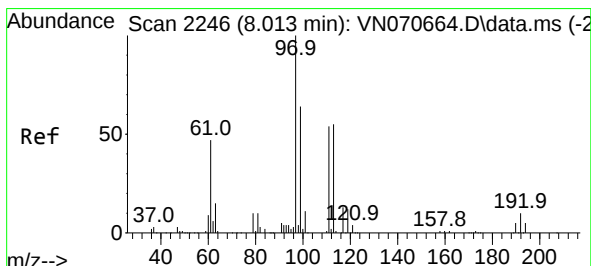
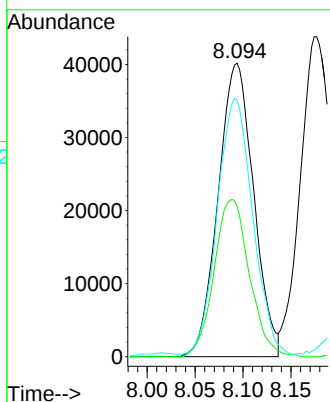
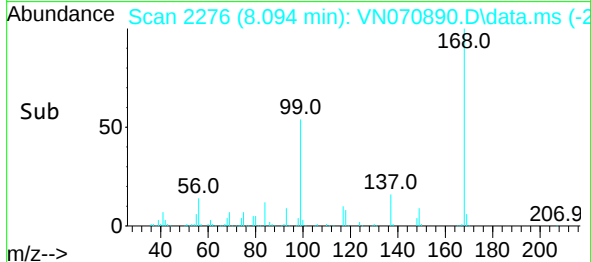
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



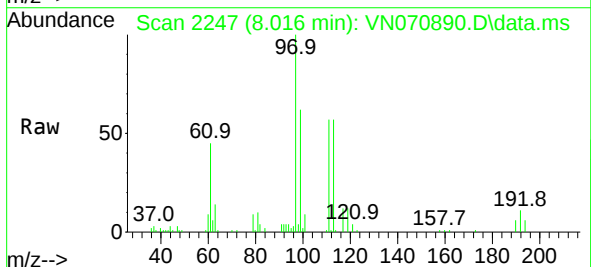
Tgt Ion: 56 Resp: 103464
Ion Ratio Lower Upper
56 100
69 51.3 27.1 40.7
84 86.7 73.4 110.0

Manual Integrations
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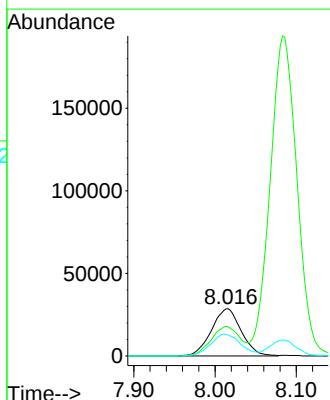
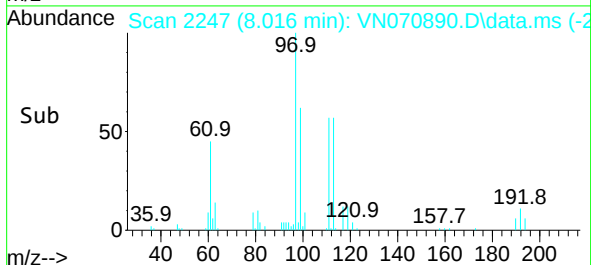
Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/04/2022

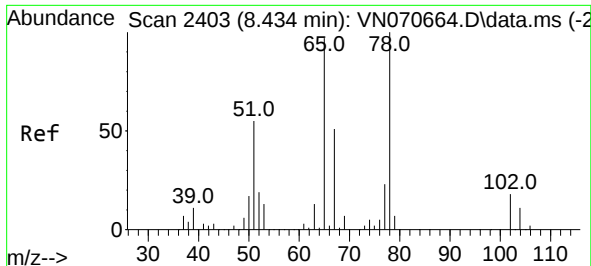


#32
1,1,1-Trichloroethane
Concen: 4.958 ug/l
RT: 8.016 min Scan# 2247
Delta R.T. 0.003 min
Lab File: VN070890.D
Acq: 2 Feb 2022 13:21



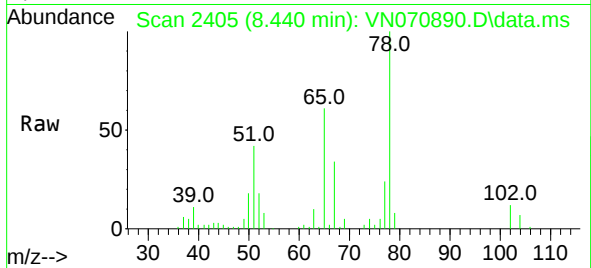
Tgt Ion: 97 Resp: 72637
Ion Ratio Lower Upper
97 100
99 60.7 50.1 75.1
61 47.2 35.2 52.8





#33
1,2-Dichloroethane-d4
Concen: 4.908 ug/l
RT: 8.440 min Scan# 2403
Delta R.T. 0.003 min
Lab File: VN070890.D
Acq: 2 Feb 2022 13:21

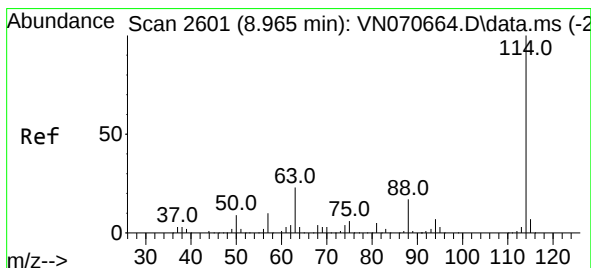
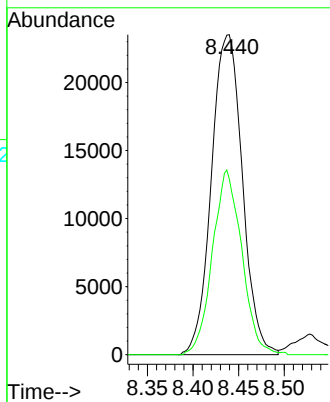
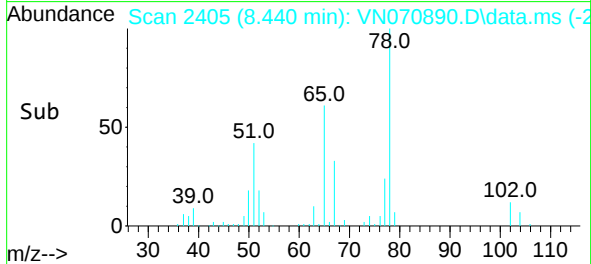
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



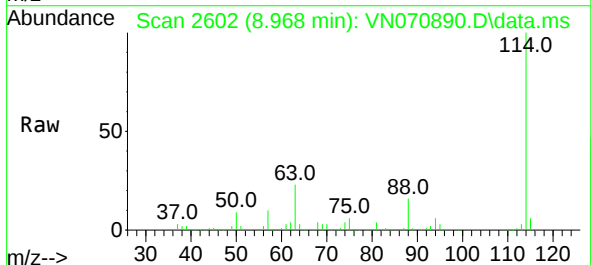
Tgt Ion: 65 Resp: 5555
Ion Ratio Lower Upper
65 100
67 54.6 0.0 103.0

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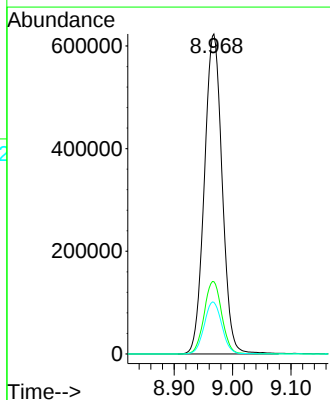
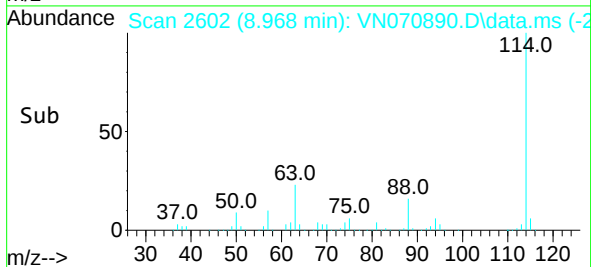
Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/04/2022

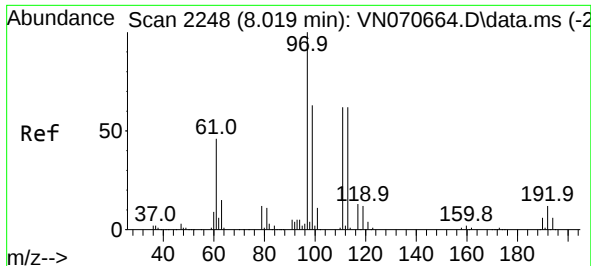


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.968 min Scan# 2602
Delta R.T. 0.003 min
Lab File: VN070890.D
Acq: 2 Feb 2022 13:21



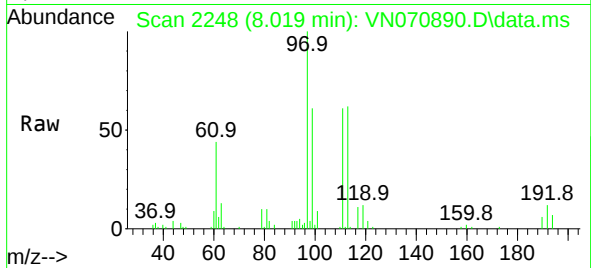
Tgt Ion:114 Resp: 1317389
Ion Ratio Lower Upper
114 100
63 22.6 0.0 37.8
88 16.1 0.0 27.4





#35
Dibromofluoromethane
Concen: 4.899 ug/l
RT: 8.019 min Scan# 21
Delta R.T. -0.003 min
Lab File: VN070890.D
Acq: 2 Feb 2022 13:21

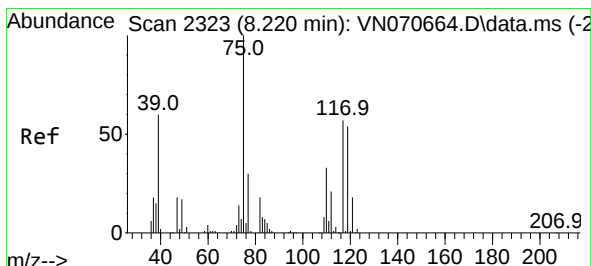
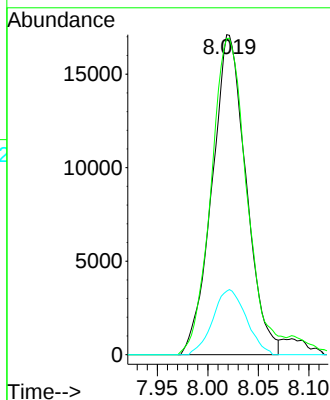
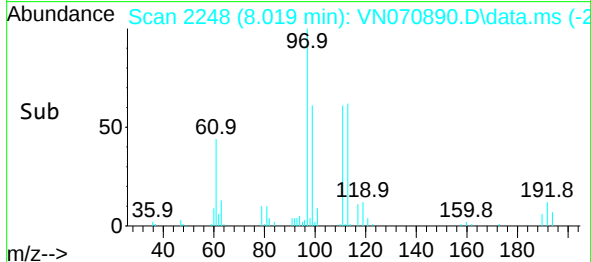
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



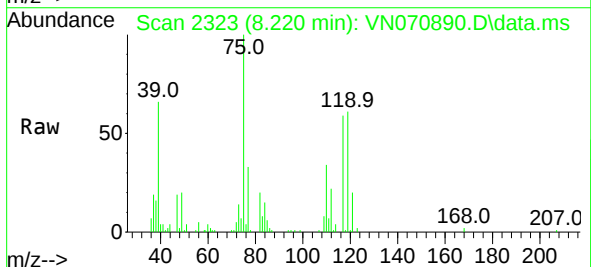
Tgt Ion:113 Resp: 40030
Ion Ratio Lower Upper
113 100
111 103.7 82.2 123.2
192 20.0 16.9 25.3

Manual Integrations
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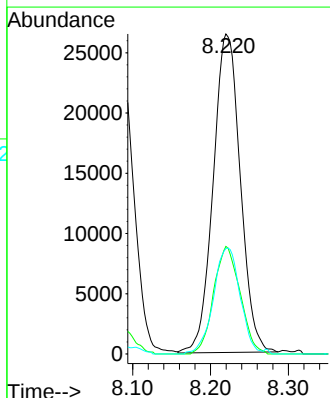
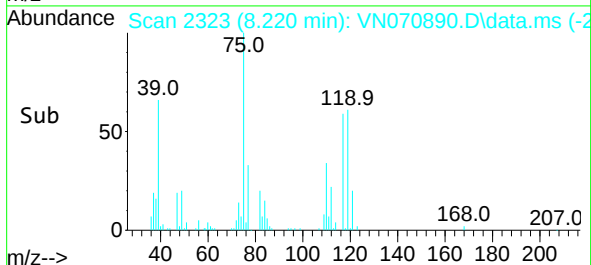
Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/04/2022

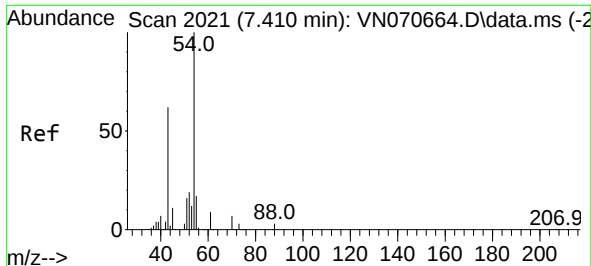


#36
1,1-Dichloropropene
Concen: 4.640 ug/l
RT: 8.220 min Scan# 2323
Delta R.T. -0.000 min
Lab File: VN070890.D
Acq: 2 Feb 2022 13:21



Tgt Ion: 75 Resp: 63837
Ion Ratio Lower Upper
75 100
110 33.0 18.4 55.2
77 32.8 24.4 36.6





#37

Ethyl Acetate

Concen: 4.941 ug/l

RT: 7.415 min Scan# 2024

Delta R.T. 0.003 min

Lab File: VN070890.D

Acq: 2 Feb 2022 13:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tgt Ion: 43 Resp: 9024

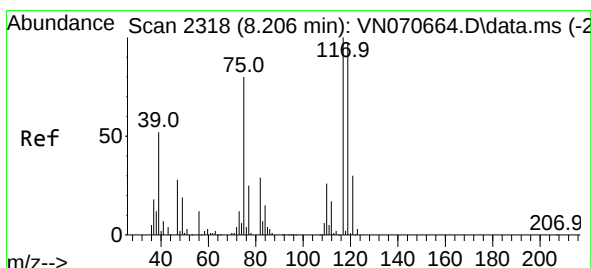
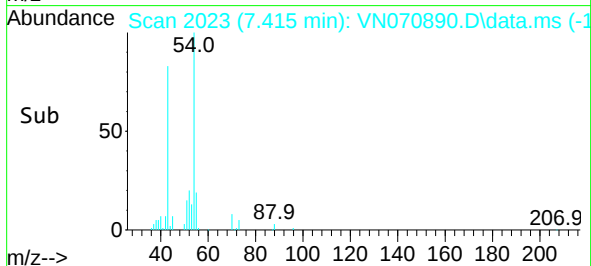
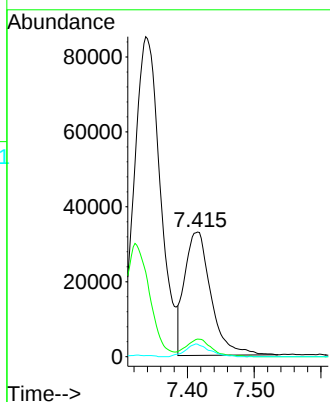
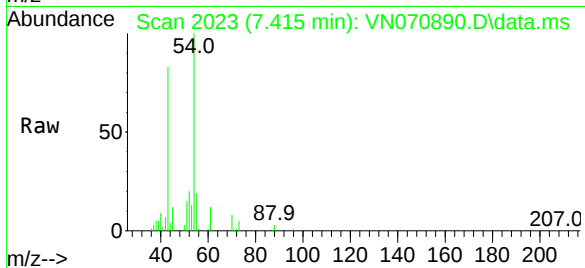
Ion	Ratio	Lower	Upper
43	100		
61	13.8	11.5	17.3
70	9.3	7.9	11.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/03/2022

Supervised By :Mahesh Dadoda 02/04/2022



#38

Carbon Tetrachloride

Concen: 4.984 ug/l

RT: 8.204 min Scan# 2317

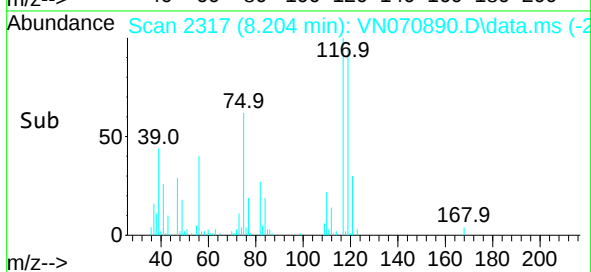
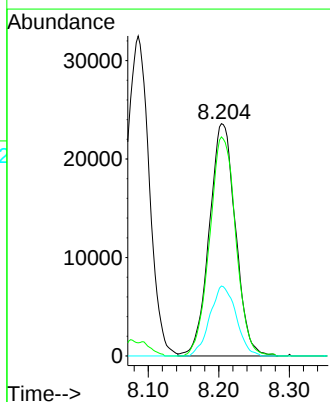
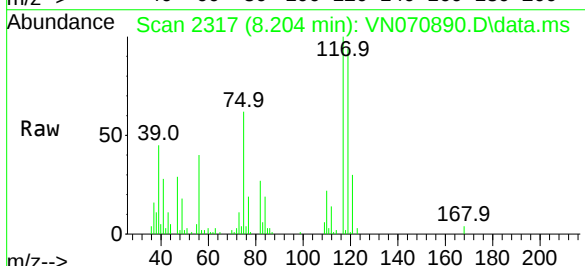
Delta R.T. -0.003 min

Lab File: VN070890.D

Acq: 2 Feb 2022 13:21

Tgt Ion:117 Resp: 60994

Ion	Ratio	Lower	Upper
117	100		
119	94.3	76.1	114.1
121	30.1	24.2	36.2





#39

Methylcyclohexane

Concen: 4.525 ug/l

RT: 9.459 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN070890.D

Acq: 2 Feb 2022 13:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tgt Ion: 83 Resp: 7684

Ion Ratio Lower Upper

83 100

55 87.2 58.1 87.1

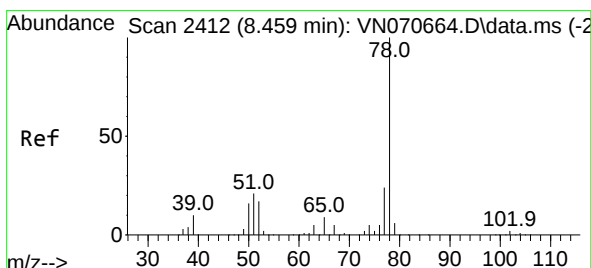
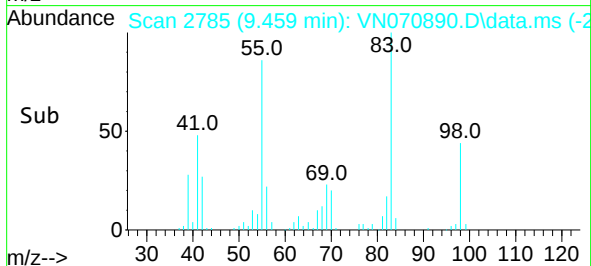
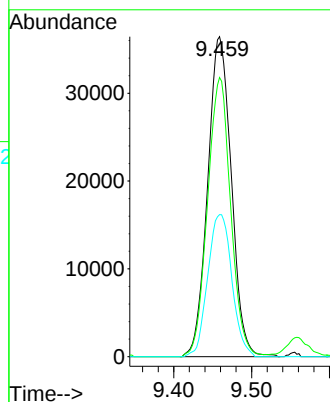
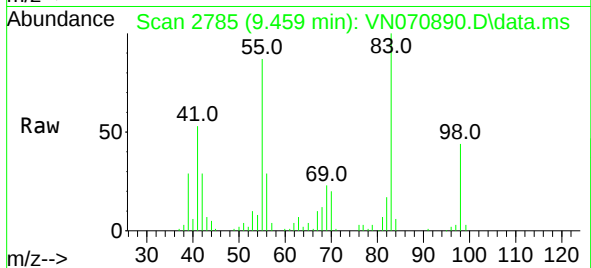
98 44.4 38.4 57.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/03/2022

Supervised By :Mahesh Dadoda 02/04/2022



#40

Benzene

Concen: 4.898 ug/l

RT: 8.458 min Scan# 2412

Delta R.T. -0.000 min

Lab File: VN070890.D

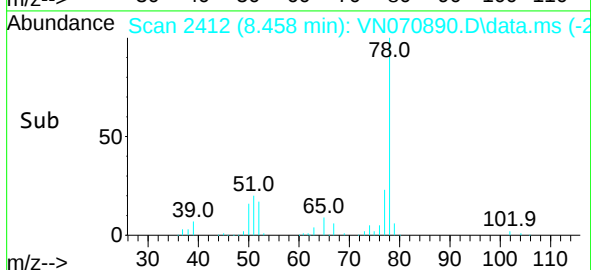
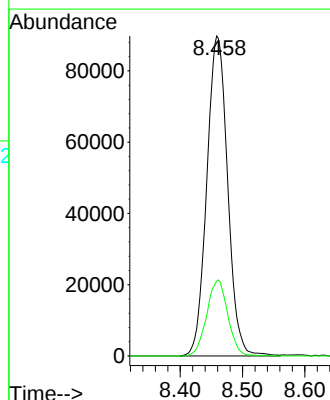
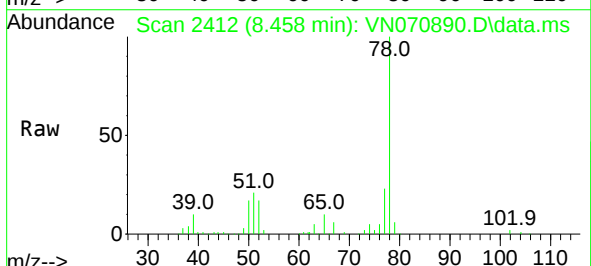
Acq: 2 Feb 2022 13:21

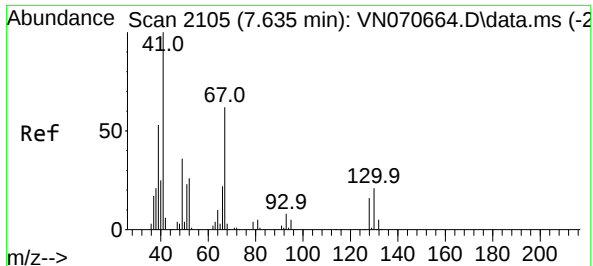
Tgt Ion: 78 Resp: 208770

Ion Ratio Lower Upper

78 100

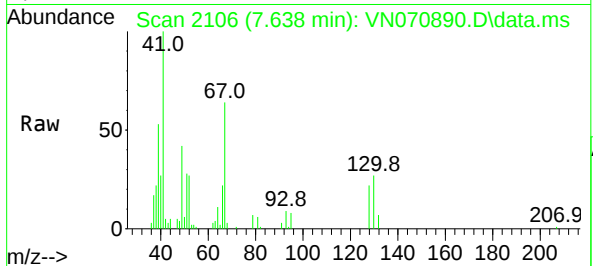
77 23.4 18.6 27.8





#41
Methacrylonitrile
Concen: 4.768 ug/l
RT: 7.638 min Scan# 2105
Delta R.T. 0.003 min
Lab File: VN070890.D
Acq: 2 Feb 2022 13:21

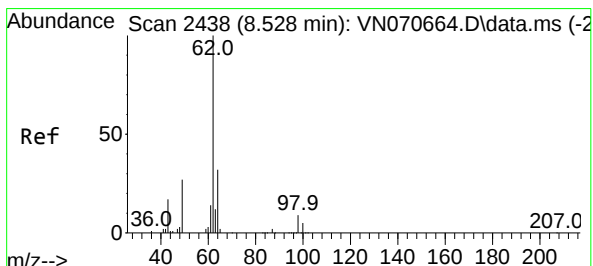
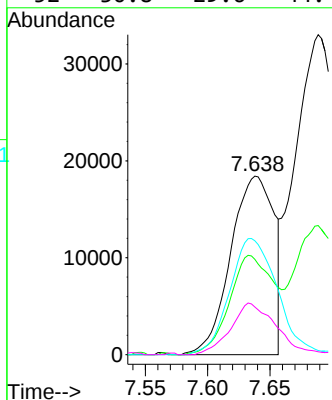
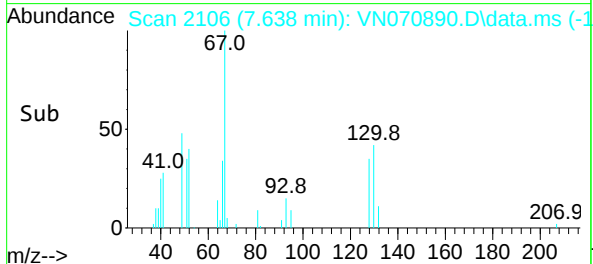
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



Tgt Ion: 41 Resp: 44304
Ion Ratio Lower Upper
41 100
39 56.8 48.1 72.1
67 72.3 68.3 102.5
52 30.8 29.6 44.4

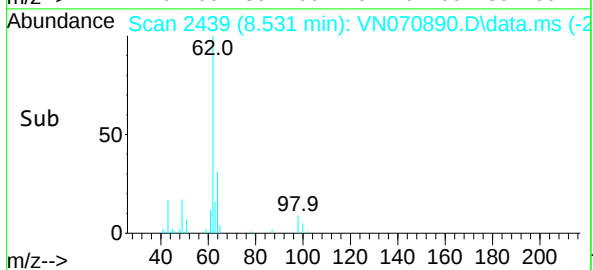
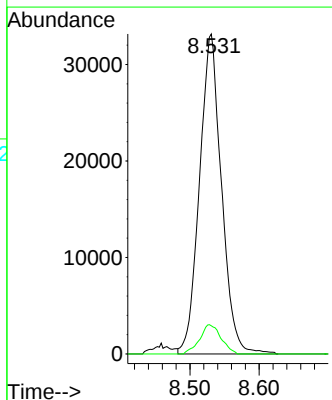
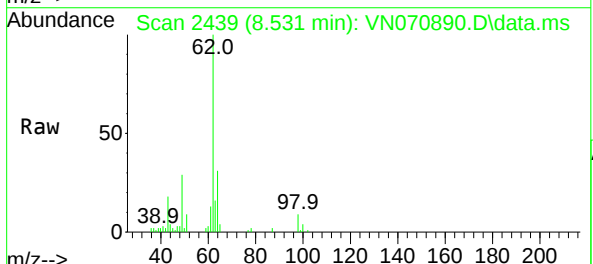
Manual Integrations
APPROVED

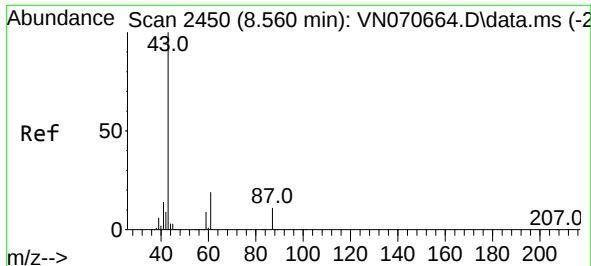
Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/04/2022



#42
1,2-Dichloroethane
Concen: 4.955 ug/l
RT: 8.531 min Scan# 2439
Delta R.T. 0.003 min
Lab File: VN070890.D
Acq: 2 Feb 2022 13:21

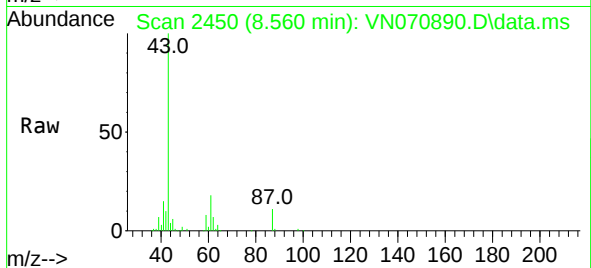
Tgt Ion: 62 Resp: 73239
Ion Ratio Lower Upper
62 100
98 8.9 0.0 17.6





#43
Isopropyl Acetate
Concen: 5.295 ug/l
RT: 8.560 min Scan# 2450
Delta R.T. -0.000 min
Lab File: VN070890.D
Acq: 2 Feb 2022 13:21

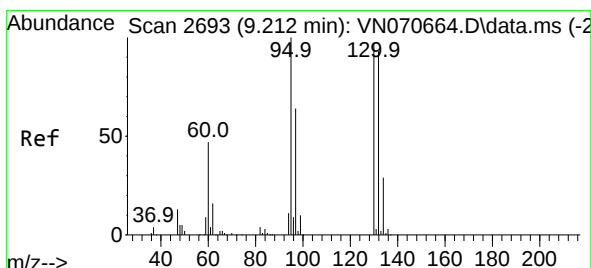
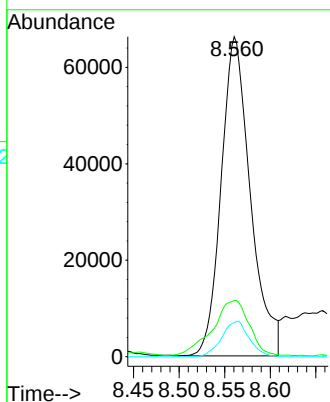
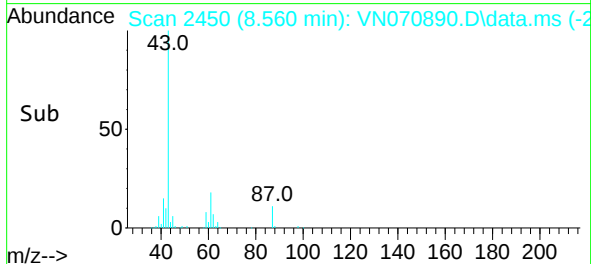
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 43 Resp: 147702
Ion Ratio Lower Upper
43 100
61 21.9 20.4 30.6
87 10.4 11.2 16.8

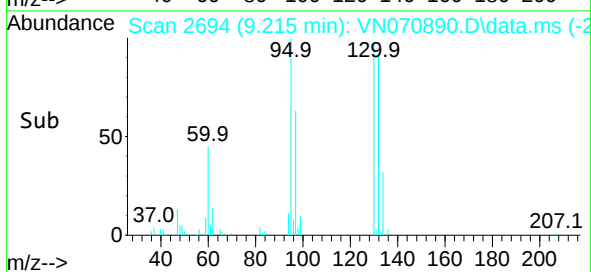
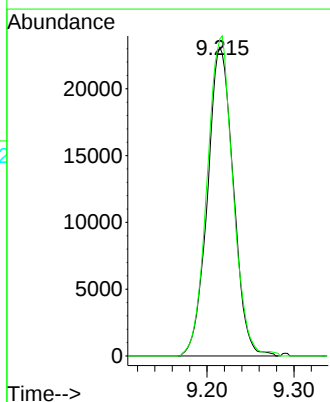
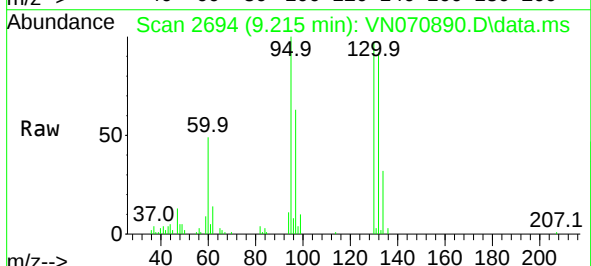
Manual Integrations
APPROVED

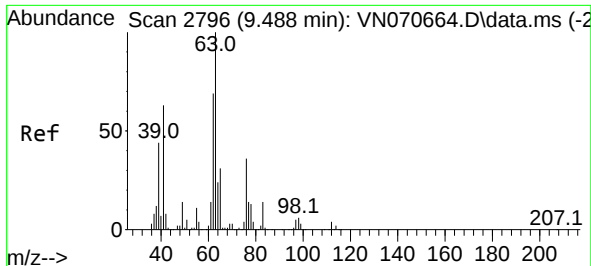
Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/04/2022



#44
Trichloroethene
Concen: 4.928 ug/l
RT: 9.215 min Scan# 2694
Delta R.T. -0.000 min
Lab File: VN070890.D
Acq: 2 Feb 2022 13:21

Tgt Ion:130 Resp: 47622
Ion Ratio Lower Upper
130 100
95 102.8 0.0 191.2





#45

1,2-Dichloropropane

Concen: 4.833 ug/l

RT: 9.491 min Scan# 21

Delta R.T. 0.003 min

Lab File: VN070890.D

Acq: 2 Feb 2022 13:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

Tgt Ion: 63 Resp: 5604

Ion Ratio Lower Upper

63 100

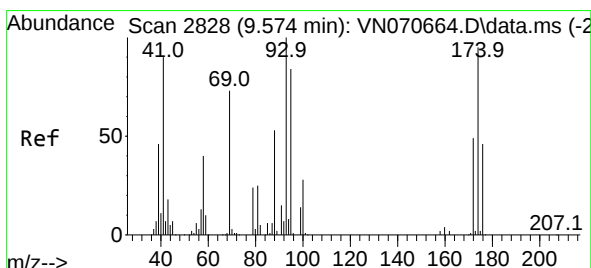
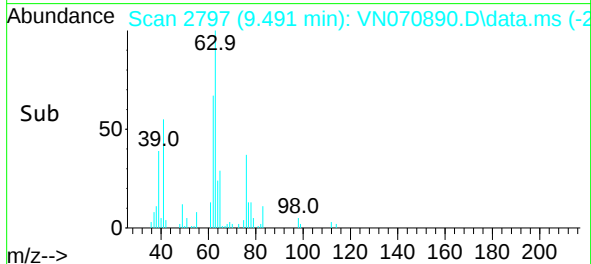
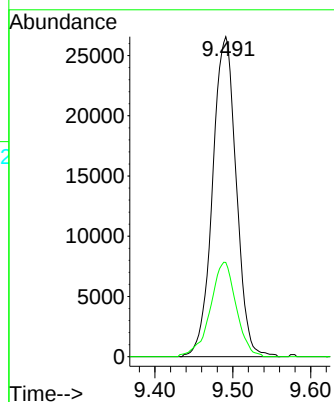
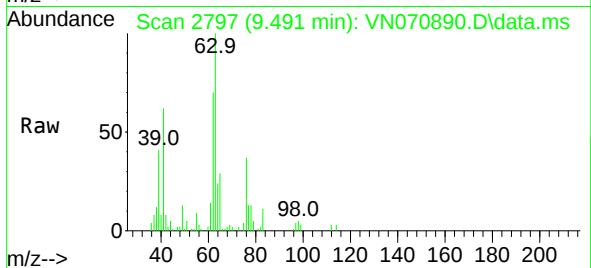
65 29.5 24.7 37.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/03/2022

Supervised By :Mahesh Dadoda 02/04/2022



#46

Dibromomethane

Concen: 4.929 ug/l

RT: 9.574 min Scan# 2828

Delta R.T. -0.003 min

Lab File: VN070890.D

Acq: 2 Feb 2022 13:21

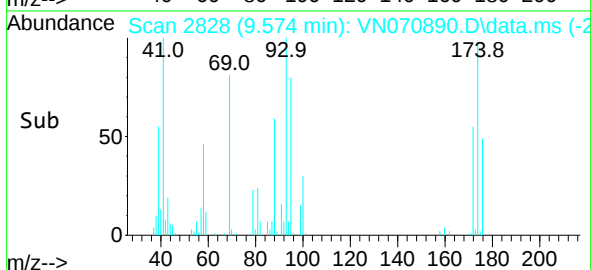
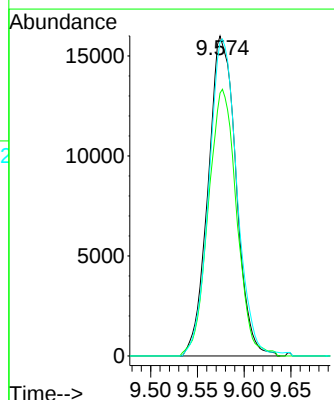
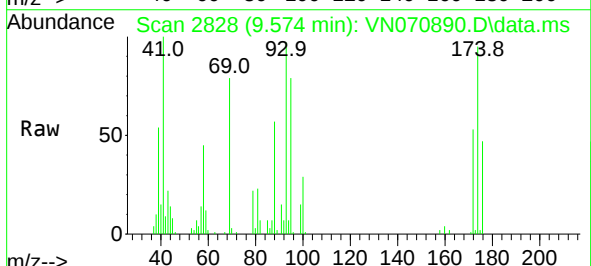
Tgt Ion: 93 Resp: 33237

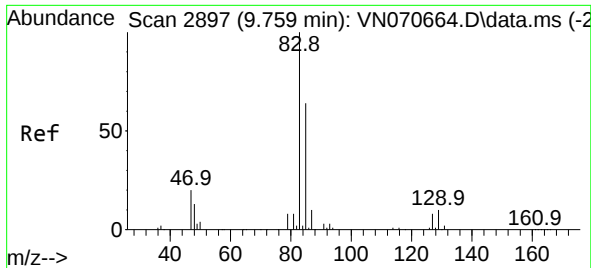
Ion Ratio Lower Upper

93 100

95 84.4 65.9 98.9

174 99.4 84.6 127.0





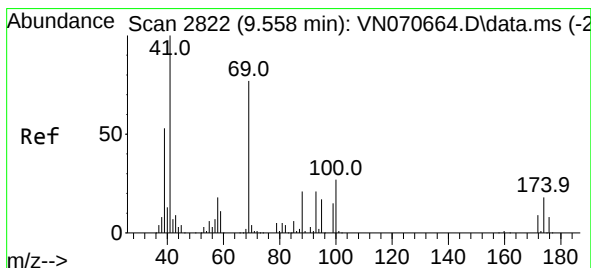
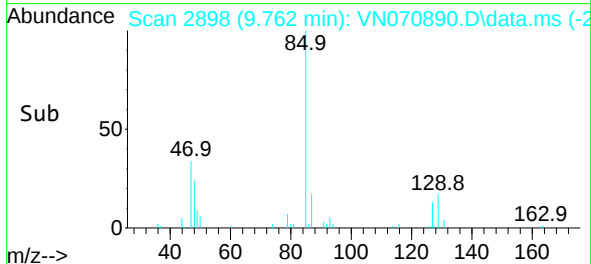
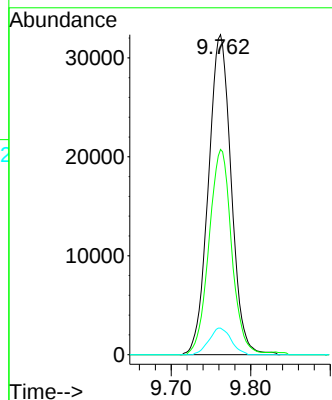
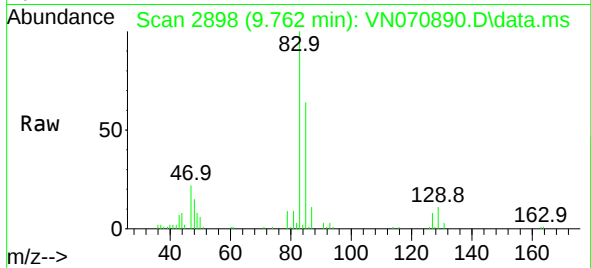
#47
Bromodichloromethane
Concen: 4.669 ug/l
RT: 9.762 min Scan# 2897
Delta R.T. -0.000 min
Lab File: VN070890.D
Acq: 2 Feb 2022 13:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 83 Resp: 6436
Ion Ratio Lower Upper
83 100
85 64.1 50.9 76.3
127 8.3 7.1 10.7

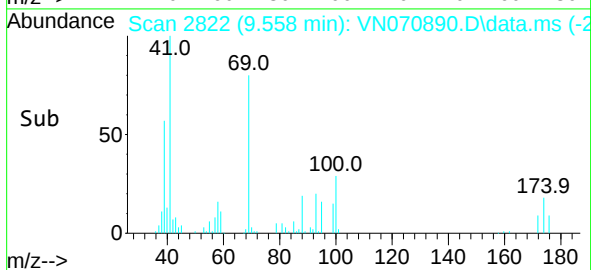
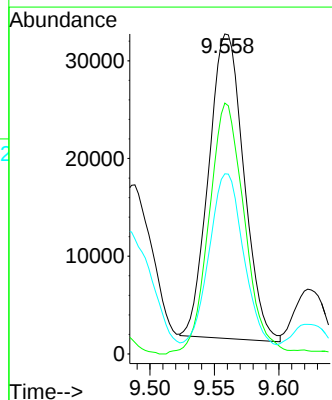
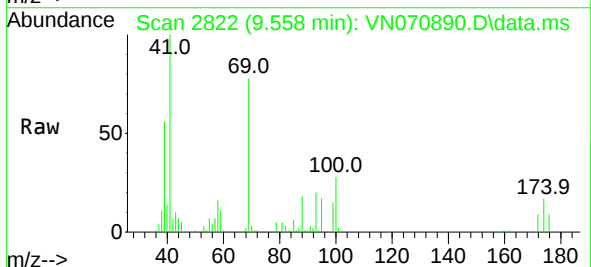
Manual Integrations
APPROVED

Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/04/2022



#48
Methyl methacrylate
Concen: 4.435 ug/l
RT: 9.558 min Scan# 2822
Delta R.T. -0.000 min
Lab File: VN070890.D
Acq: 2 Feb 2022 13:21

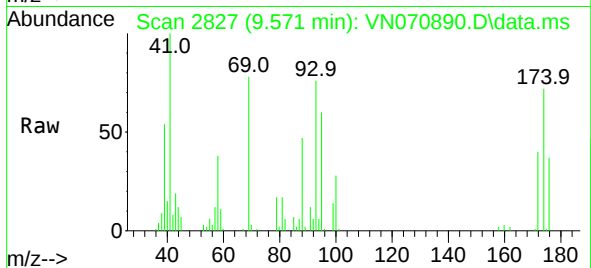
Tgt Ion: 41 Resp: 58943
Ion Ratio Lower Upper
41 100
69 83.0 72.4 108.6
39 59.6 58.4 87.6





#49
1,4-Dioxane
Concen: 102.216 ug/l
RT: 9.571 min Scan# 2826
Delta R.T. 0.003 min
Lab File: VN070890.D
Acq: 2 Feb 2022 13:21

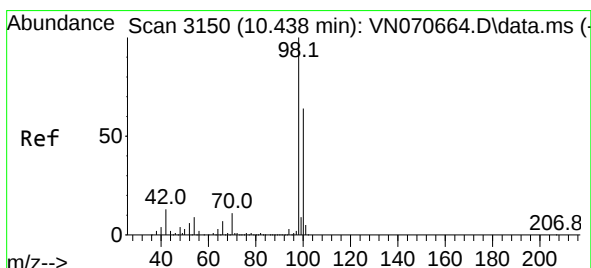
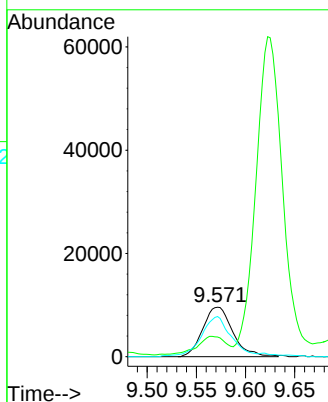
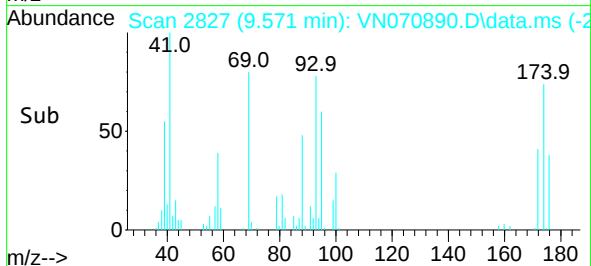
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



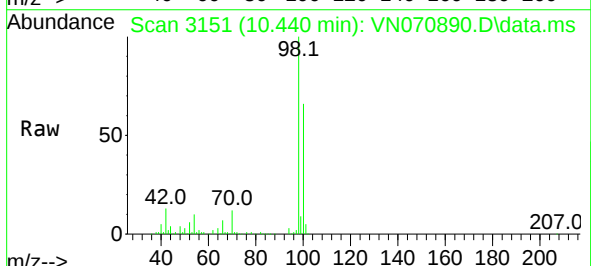
Tgt Ion: 88 Resp: 2040
Ion Ratio Lower Upper
88 100
43 33.6 23.4 35.2
58 80.3 50.6 75.8

Manual Integrations
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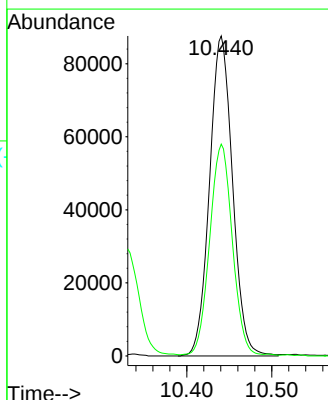
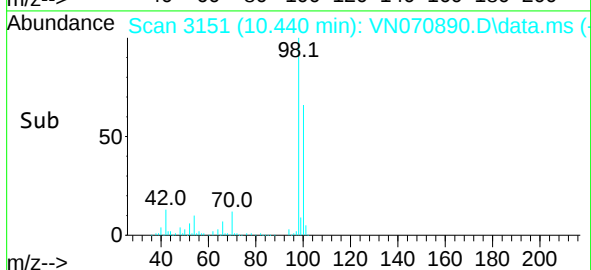
Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/04/2022

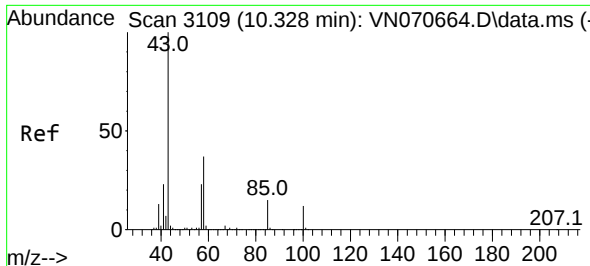


#50
Toluene-d8
Concen: 4.783 ug/l
RT: 10.440 min Scan# 3151
Delta R.T. -0.000 min
Lab File: VN070890.D
Acq: 2 Feb 2022 13:21



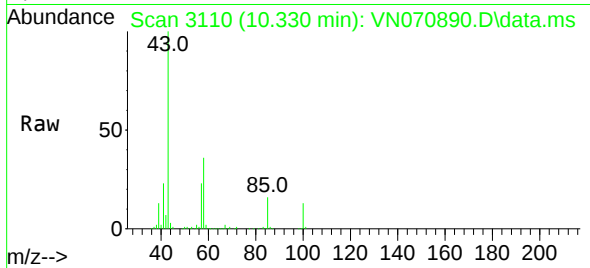
Tgt Ion: 98 Resp: 164660
Ion Ratio Lower Upper
98 100
100 64.5 50.4 75.6





#51
4-Methyl-2-Pentanone
Concen: 24.593 ug/l
RT: 10.330 min Scan# 3110
Delta R.T. -0.000 min
Lab File: VN070890.D
Acq: 2 Feb 2022 13:21

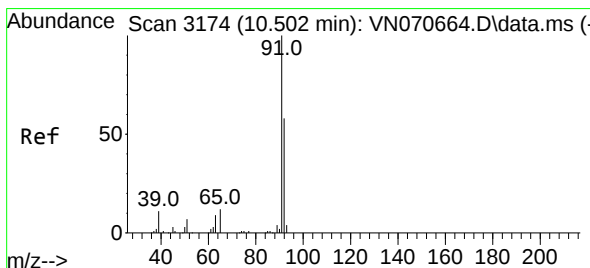
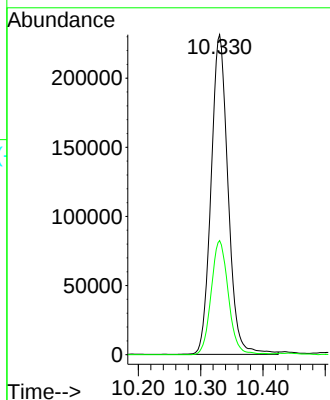
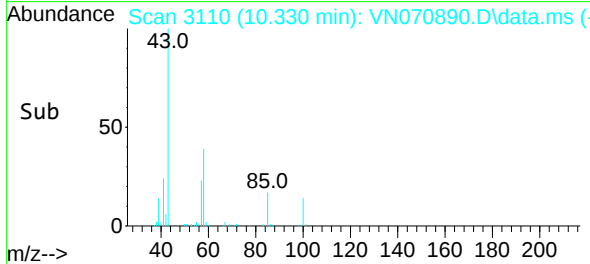
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 43 Resp: 43777
Ion Ratio Lower Upper
43 100
58 36.1 30.4 45.6

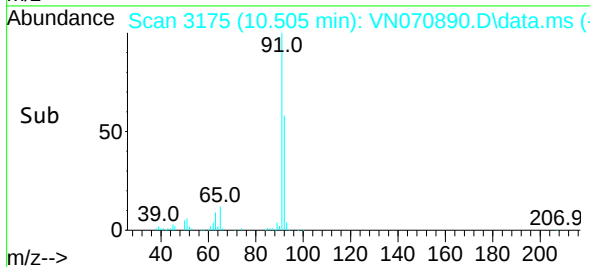
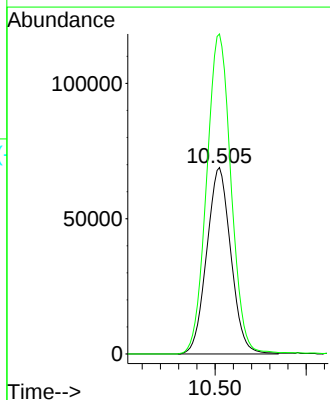
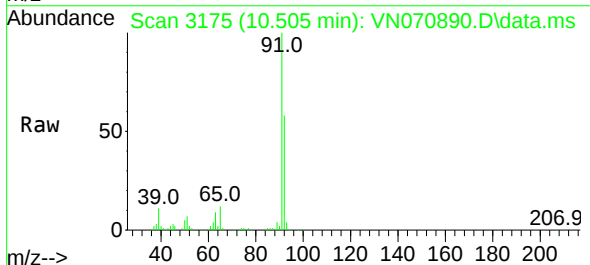
Manual Integrations
APPROVED

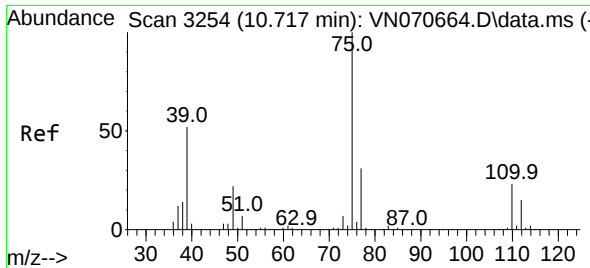
Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/04/2022



#52
Toluene
Concen: 4.969 ug/l
RT: 10.505 min Scan# 3175
Delta R.T. -0.000 min
Lab File: VN070890.D
Acq: 2 Feb 2022 13:21

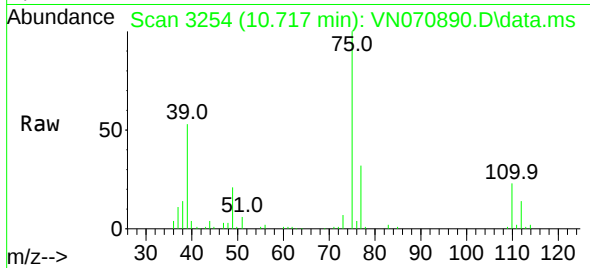
Tgt Ion: 92 Resp: 126691
Ion Ratio Lower Upper
92 100
91 174.0 142.0 213.0





#53
t-1,3-Dichloropropene
Concen: 4.781 ug/l
RT: 10.717 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN070890.D
Acq: 2 Feb 2022 13:21

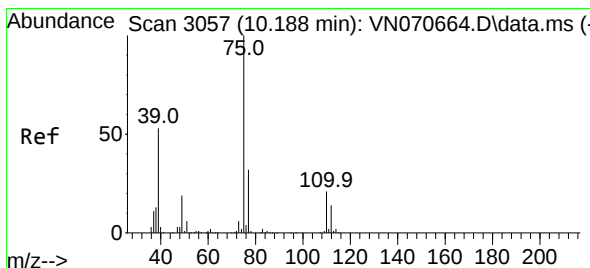
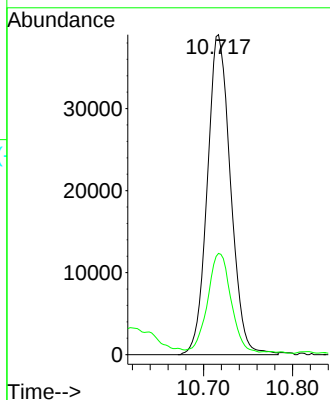
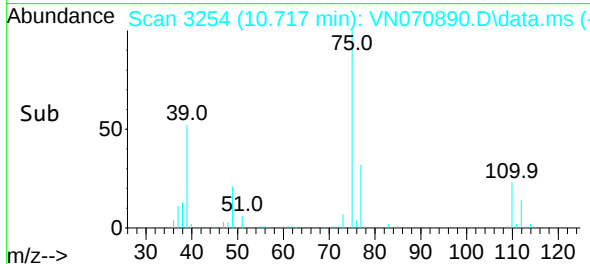
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



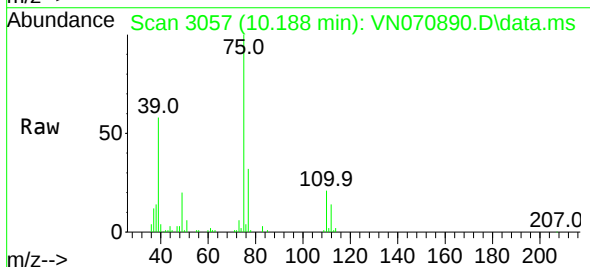
Tgt Ion: 75 Resp: 70708
Ion Ratio Lower Upper
75 100
77 30.8 25.6 38.4

Manual Integrations
APPROVED

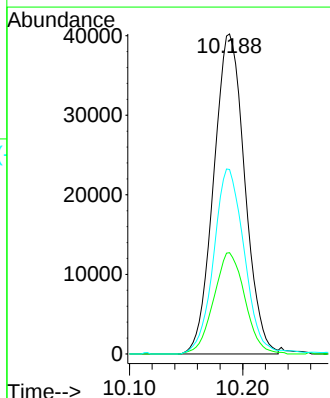
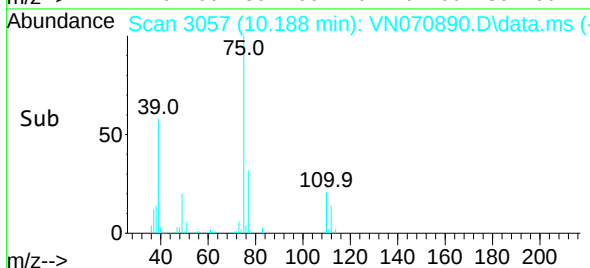
Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/04/2022

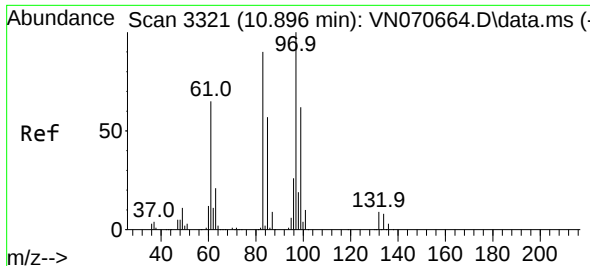


#54
cis-1,3-Dichloropropene
Concen: 4.630 ug/l
RT: 10.188 min Scan# 3057
Delta R.T. -0.000 min
Lab File: VN070890.D
Acq: 2 Feb 2022 13:21



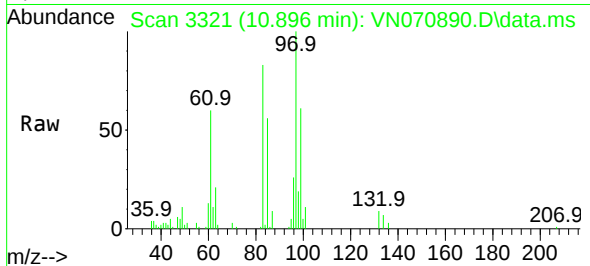
Tgt Ion: 75 Resp: 76546
Ion Ratio Lower Upper
75 100
77 31.6 26.4 39.6
39 57.7 42.5 63.7





#55
1,1,2-Trichloroethane
Concen: 4.822 ug/l
RT: 10.896 min Scan# 3321
Delta R.T. -0.000 min
Lab File: VN070890.D
Acq: 2 Feb 2022 13:21

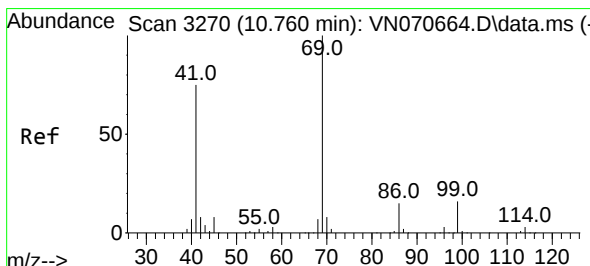
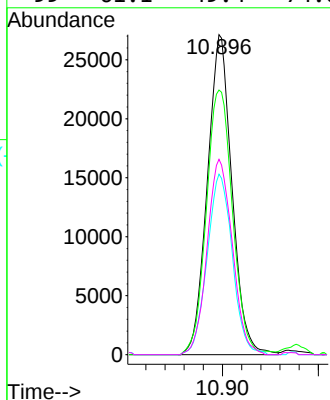
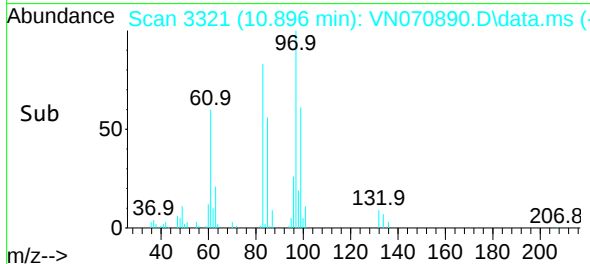
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



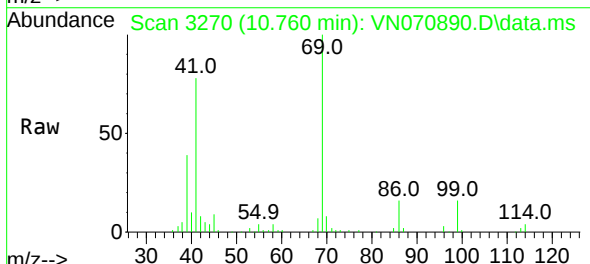
Tgt Ion	Ratio	Lower	Upper
97	100		
83	82.7	67.8	101.6
85	56.4	45.4	68.2
99	61.1	49.4	74.0

Manual Integrations
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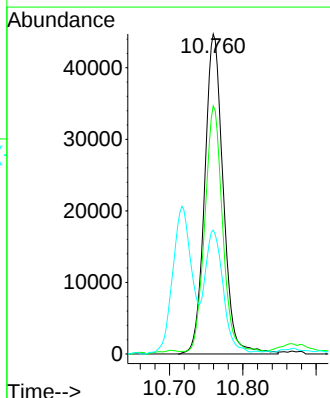
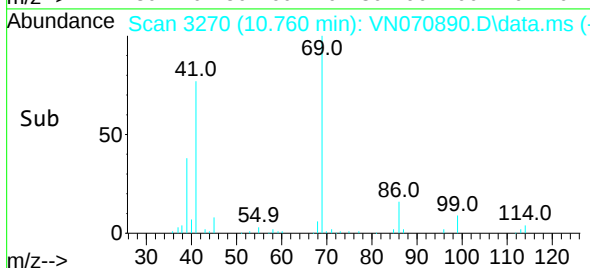
Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/04/2022

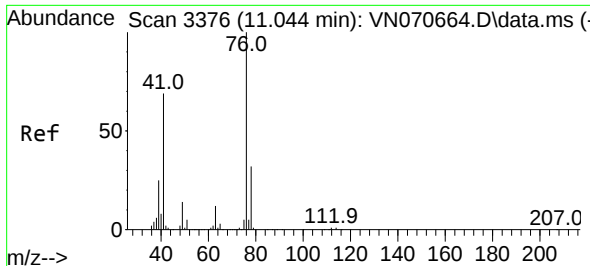


#56
Ethyl methacrylate
Concen: 4.664 ug/l
RT: 10.760 min Scan# 3270
Delta R.T. -0.000 min
Lab File: VN070890.D
Acq: 2 Feb 2022 13:21



Tgt Ion	Ratio	Lower	Upper
69	100		
41	73.0	51.4	77.0
39	37.1	34.6	52.0





#57

1,3-Dichloropropane

Concen: 4.839 ug/l

RT: 11.041 min Scan# 31

Delta R.T. -0.003 min

Lab File: VN070890.D

Acq: 2 Feb 2022 13:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

Tgt Ion: 76 Resp: 8580

Ion Ratio Lower Upper

76 100

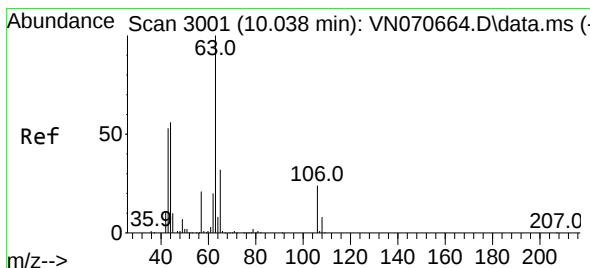
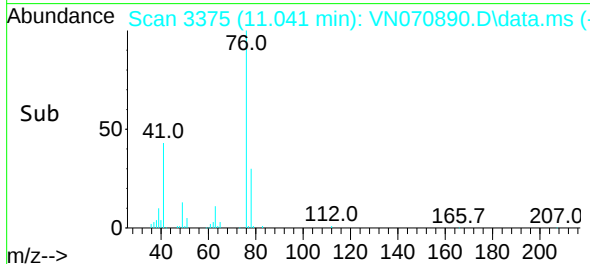
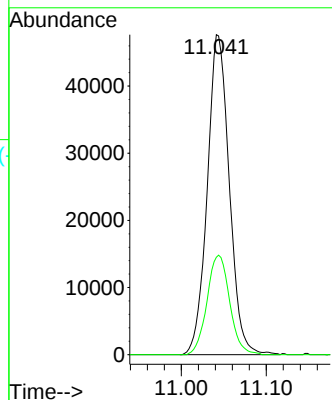
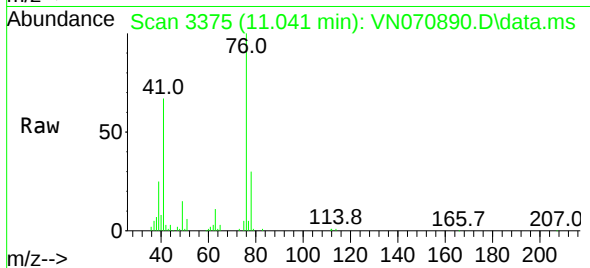
78 32.0 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/03/2022

Supervised By :Mahesh Dadoda 02/04/2022



#58

2-Chloroethyl Vinyl ether

Concen: 18.610 ug/l

RT: 10.041 min Scan# 3002

Delta R.T. -0.000 min

Lab File: VN070890.D

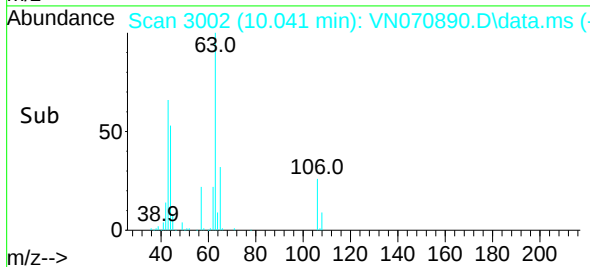
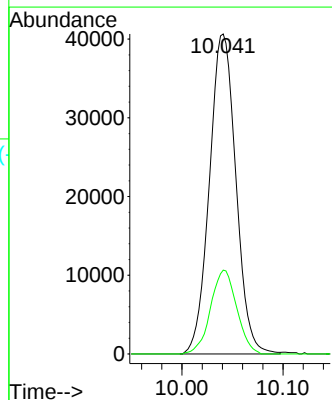
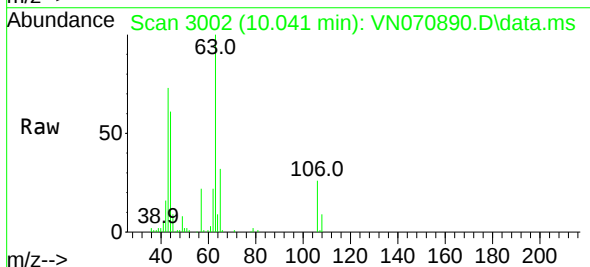
Acq: 2 Feb 2022 13:21

Tgt Ion: 63 Resp: 73993

Ion Ratio Lower Upper

63 100

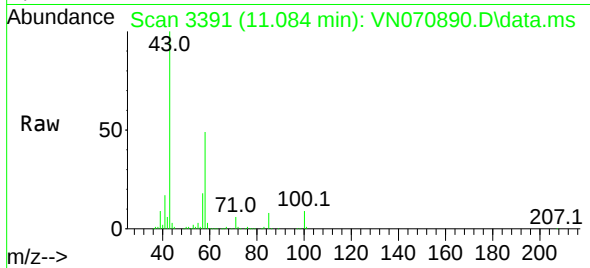
106 25.9 23.9 35.9





#59
2-Hexanone
Concen: 24.043 ug/l
RT: 11.084 min Scan# 310910
Delta R.T. -0.000 min
Lab File: VN070890.D
Acq: 2 Feb 2022 13:21

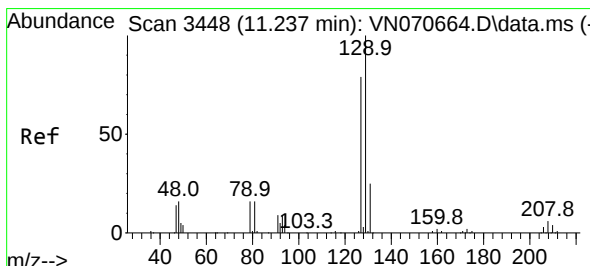
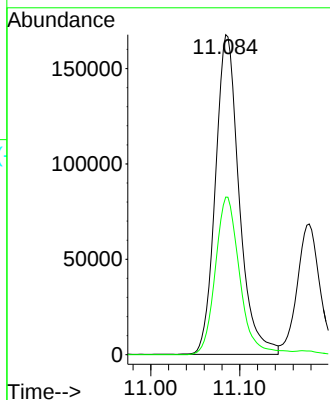
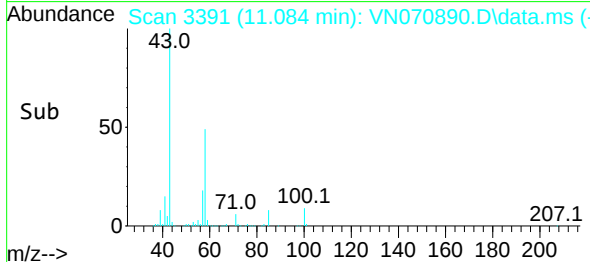
Instrument : MSVOA_N
ClientSampleId : VSTDIC005



Tgt Ion: 43 Resp: 310910
Ion Ratio Lower Upper
43 100
58 50.8 26.9 80.7

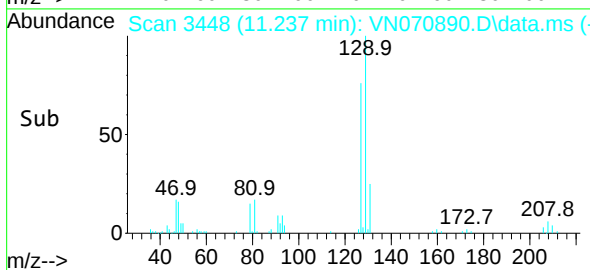
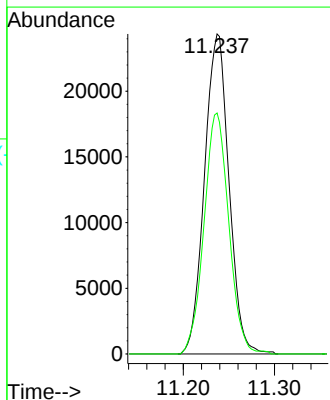
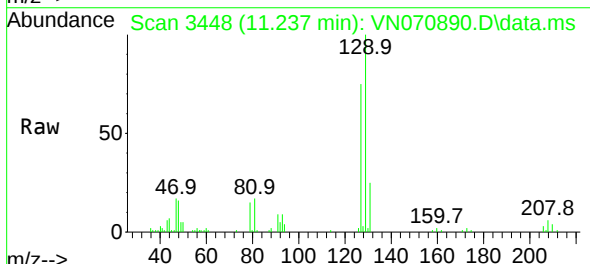
Manual Integrations
APPROVED

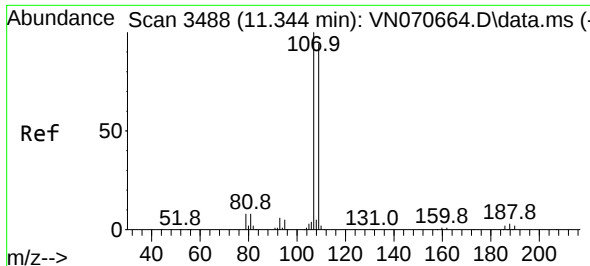
Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/04/2022



#60
Dibromochloromethane
Concen: 4.870 ug/l
RT: 11.237 min Scan# 3448
Delta R.T. -0.000 min
Lab File: VN070890.D
Acq: 2 Feb 2022 13:21

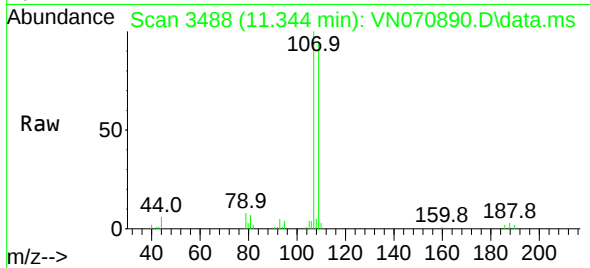
Tgt Ion:129 Resp: 45502
Ion Ratio Lower Upper
129 100
127 76.3 38.6 116.0





#61
1,2-Dibromoethane
Concen: 4.890 ug/l
RT: 11.344 min Scan# 3488
Delta R.T. -0.000 min
Lab File: VN070890.D
Acq: 2 Feb 2022 13:21

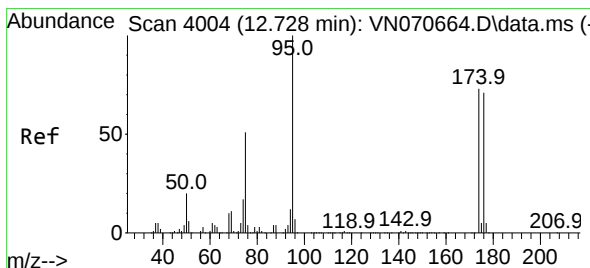
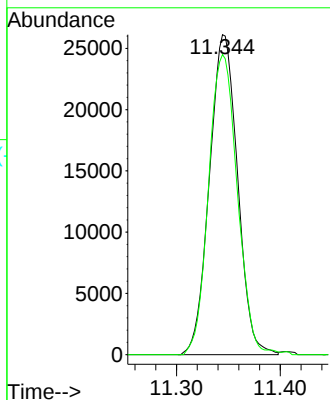
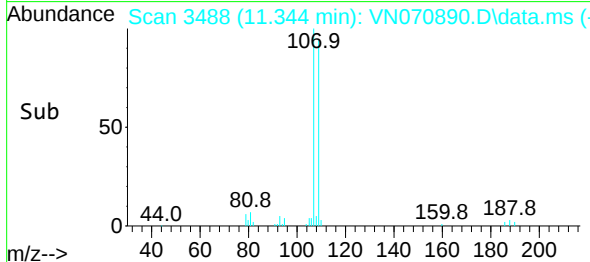
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



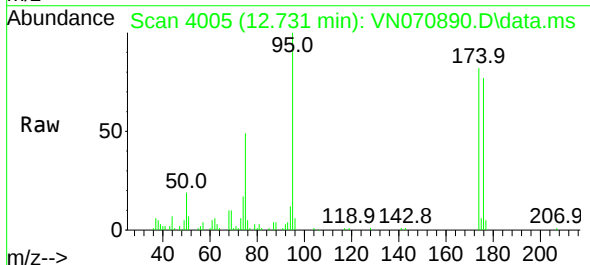
Tgt Ion:107 Resp: 49180
Ion Ratio Lower Upper
107 100
109 95.8 75.7 113.5

Manual Integrations
APPROVED

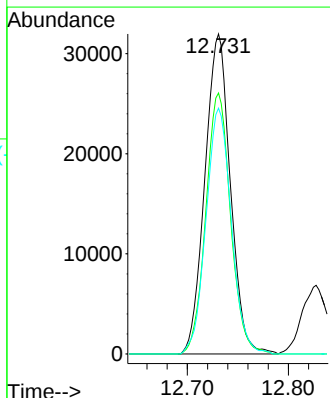
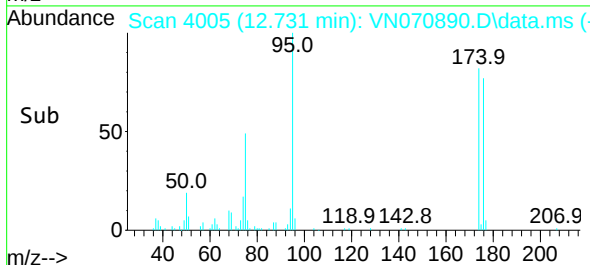
Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/04/2022

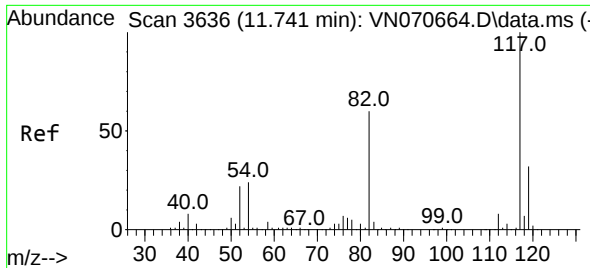


#62
4-Bromofluorobenzene
Concen: 4.562 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN070890.D
Acq: 2 Feb 2022 13:21



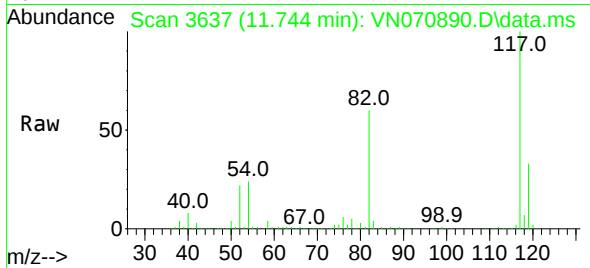
Tgt Ion: 95 Resp: 55967
Ion Ratio Lower Upper
95 100
174 79.3 0.0 187.2
176 76.4 0.0 181.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3637
Delta R.T. -0.000 min
Lab File: VN070890.D
Acq: 2 Feb 2022 13:21

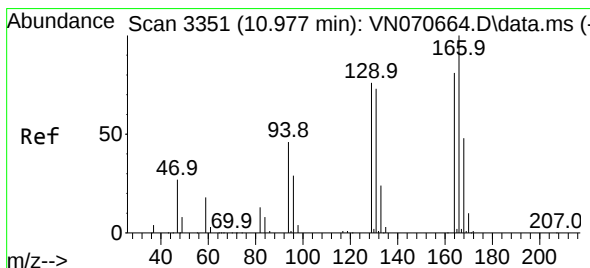
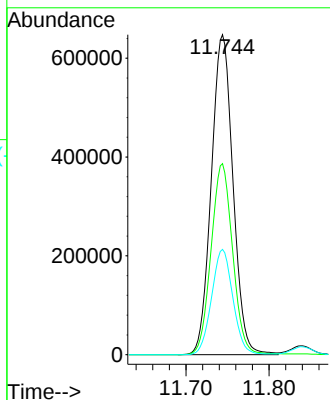
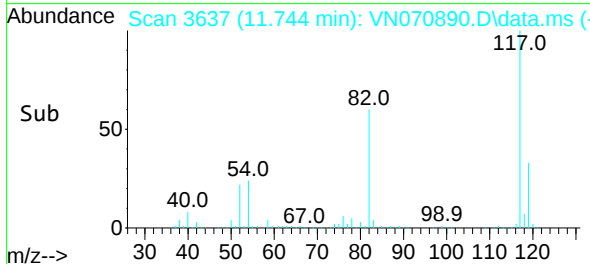
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion:117 Resp: 117458
Ion Ratio Lower Upper
117 100
82 59.7 42.4 63.6
119 32.9 25.4 38.2

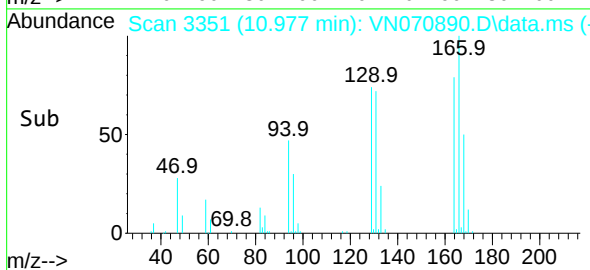
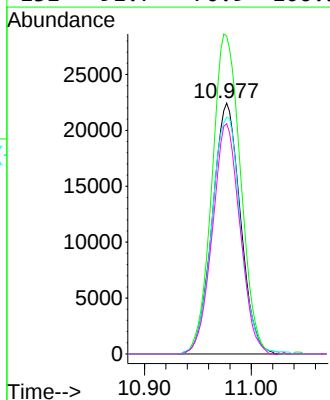
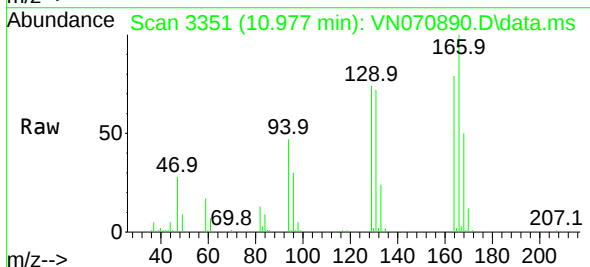
Manual Integrations
APPROVED

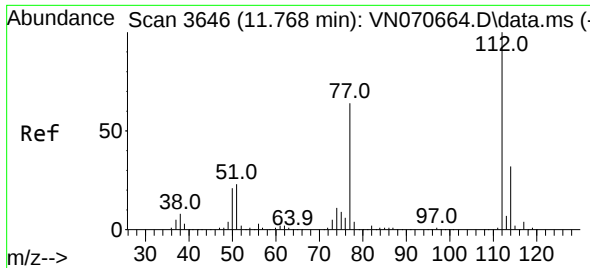
Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/04/2022



#64
Tetrachloroethene
Concen: 4.745 ug/l
RT: 10.977 min Scan# 3351
Delta R.T. -0.000 min
Lab File: VN070890.D
Acq: 2 Feb 2022 13:21

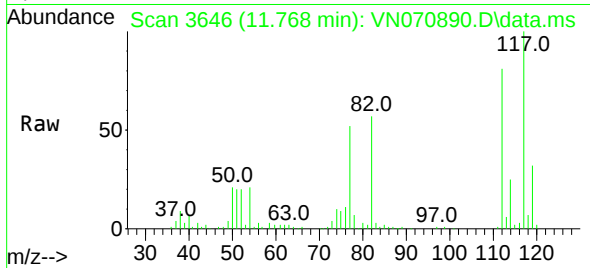
Tgt Ion:164 Resp: 40861
Ion Ratio Lower Upper
164 100
166 126.7 101.9 152.9
129 94.3 72.0 108.0
131 91.7 70.9 106.3





#65
Chlorobenzene
Concen: 5.002 ug/l
RT: 11.768 min Scan# 3646
Delta R.T. -0.000 min
Lab File: VN070890.D
Acq: 2 Feb 2022 13:21

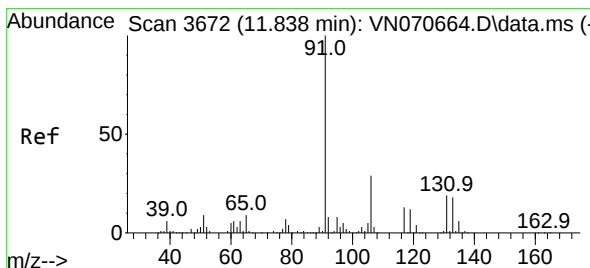
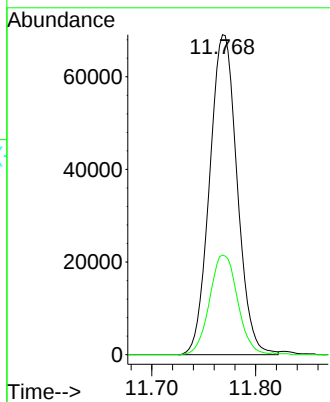
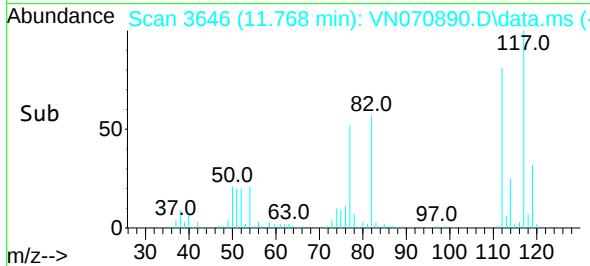
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



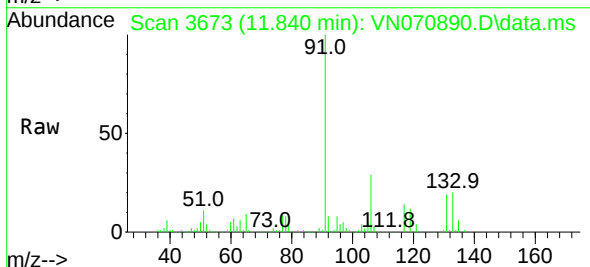
Tgt Ion:112 Resp: 127289
Ion Ratio Lower Upper
112 100
114 31.1 25.4 38.0

Manual Integrations
APPROVED

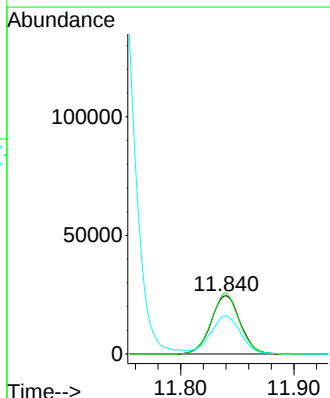
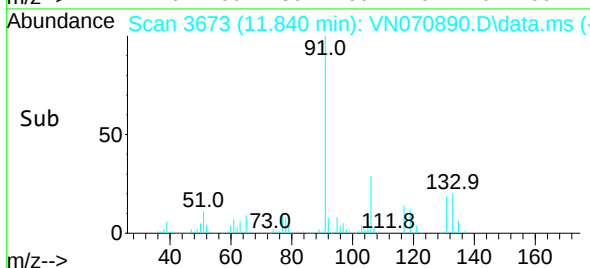
Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/04/2022

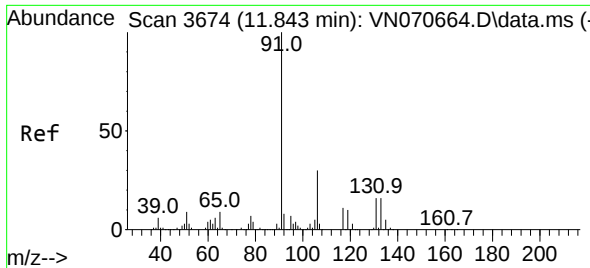


#66
1,1,1,2-Tetrachloroethane
Concen: 5.006 ug/l
RT: 11.840 min Scan# 3673
Delta R.T. -0.000 min
Lab File: VN070890.D
Acq: 2 Feb 2022 13:21



Tgt Ion:131 Resp: 43871
Ion Ratio Lower Upper
131 100
133 100.7 47.9 143.7
119 68.0 32.1 96.5





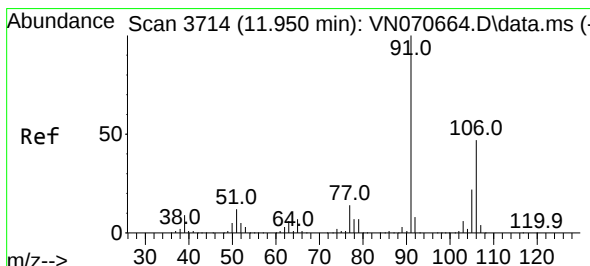
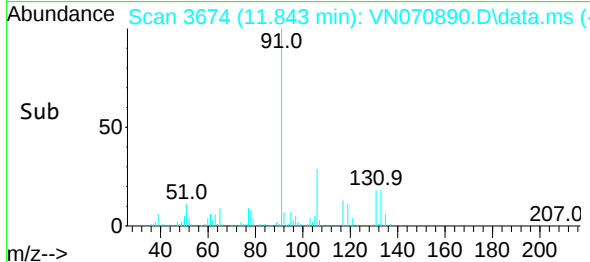
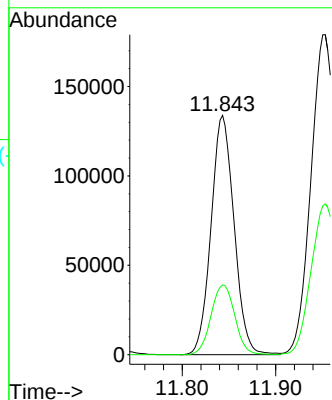
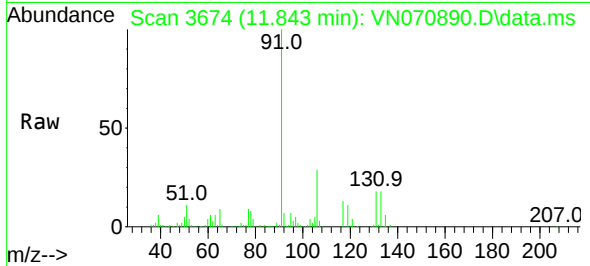
#67
Ethyl Benzene
Concen: 4.854 ug/l
RT: 11.843 min Scan# 30
Delta R.T. -0.000 min
Lab File: VN070890.D
Acq: 2 Feb 2022 13:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 91 Resp: 22901
Ion Ratio Lower Upper
91 100
106 29.2 25.7 38.5

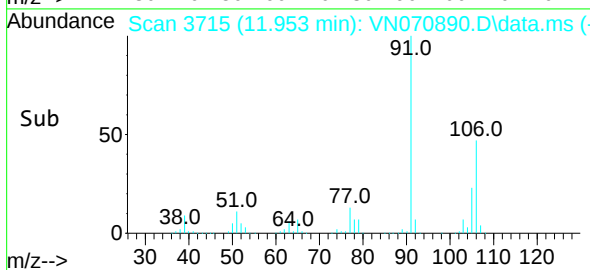
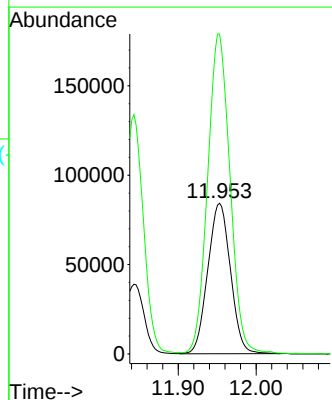
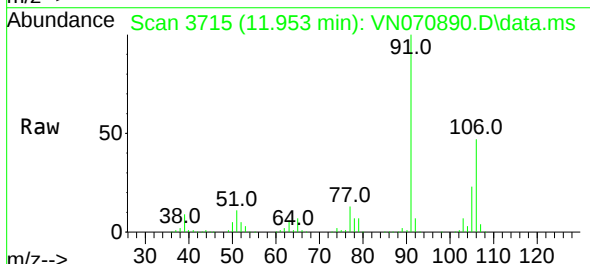
Manual Integrations
APPROVED

Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/04/2022



#68
m/p-Xylenes
Concen: 9.940 ug/l
RT: 11.953 min Scan# 3715
Delta R.T. -0.000 min
Lab File: VN070890.D
Acq: 2 Feb 2022 13:21

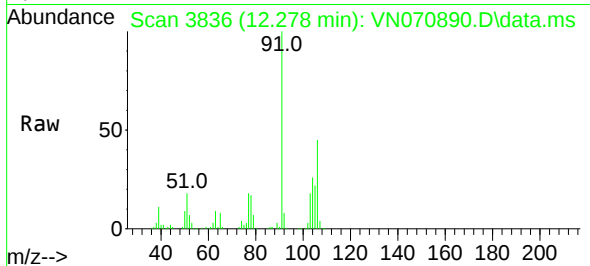
Tgt Ion:106 Resp: 170613
Ion Ratio Lower Upper
106 100
91 209.6 160.6 240.8





#69
o-Xylene
Concen: 5.012 ug/l
RT: 12.278 min Scan# 3836
Delta R.T. -0.003 min
Lab File: VN070890.D
Acq: 2 Feb 2022 13:21

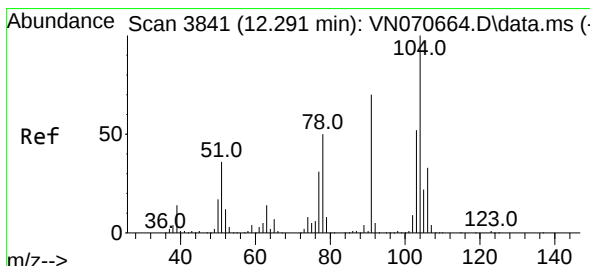
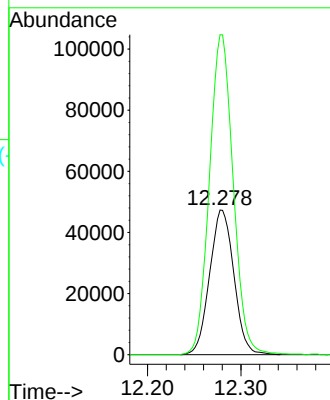
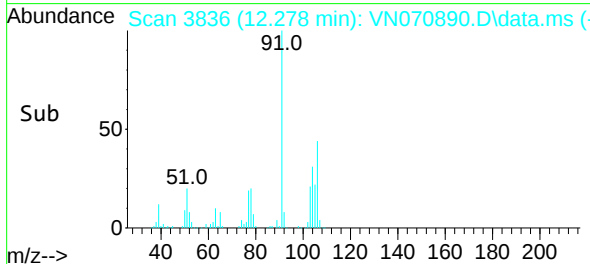
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



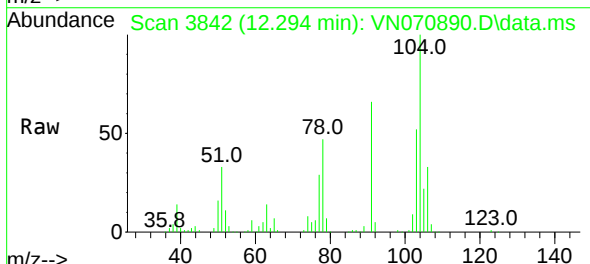
Tgt Ion:106 Resp: 85370
Ion Ratio Lower Upper
106 100
91 217.1 105.8 317.3

Manual Integrations
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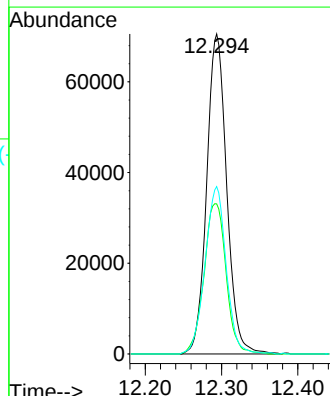
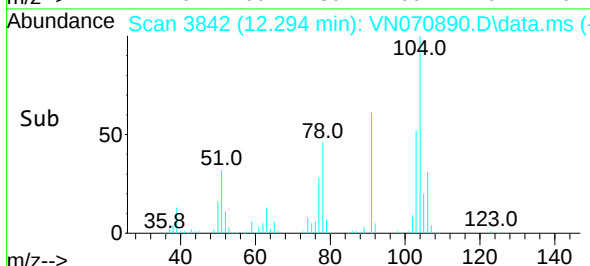
Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/04/2022

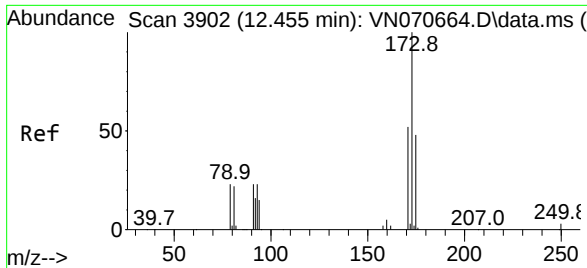


#70
Styrene
Concen: 4.717 ug/l
RT: 12.294 min Scan# 3842
Delta R.T. -0.000 min
Lab File: VN070890.D
Acq: 2 Feb 2022 13:21



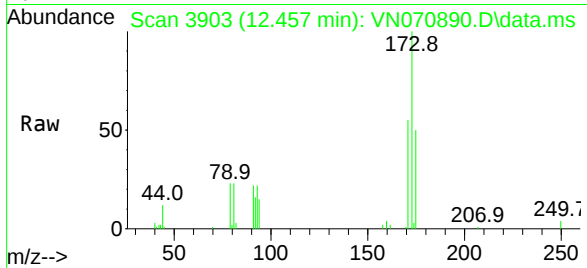
Tgt Ion:104 Resp: 128545
Ion Ratio Lower Upper
104 100
78 52.0 38.7 58.1
103 55.3 45.0 67.6





#71
Bromoform
Concen: 5.232 ug/l
RT: 12.457 min Scan# 3902
Delta R.T. -0.000 min
Lab File: VN070890.D
Acq: 2 Feb 2022 13:21

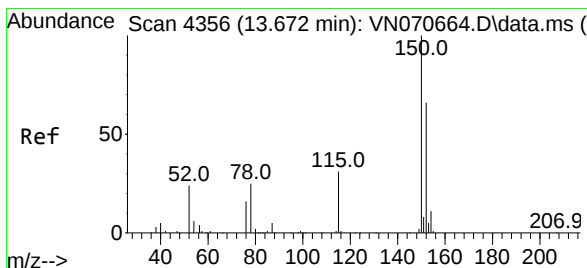
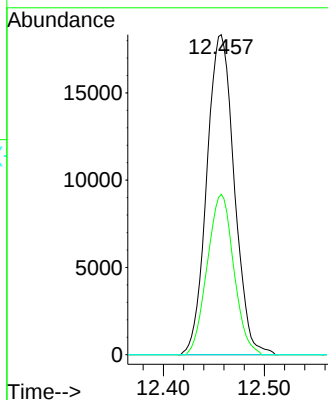
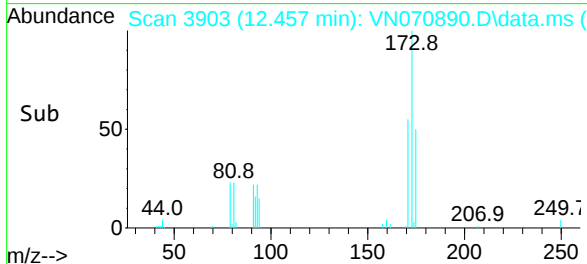
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



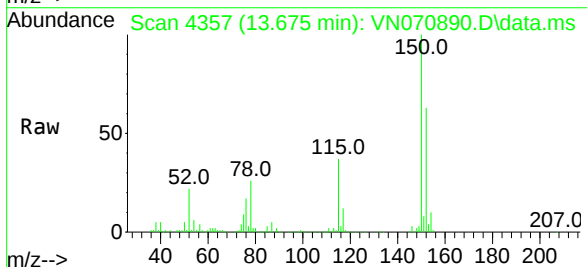
Tgt Ion:173 Resp: 34632
Ion Ratio Lower Upper
173 100
175 48.3 24.2 72.6
254 0.0 0.0 0.0

Manual Integrations
APPROVED

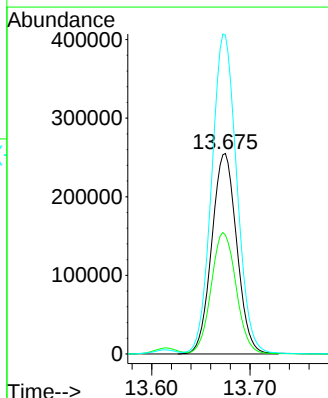
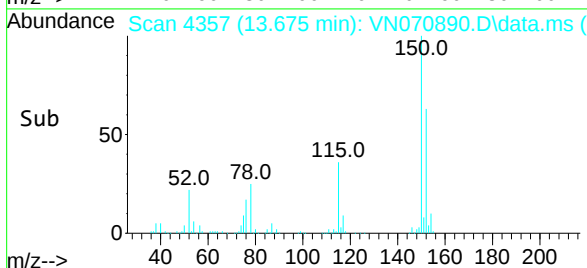
Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/04/2022

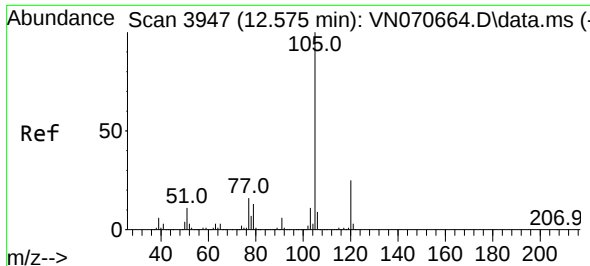


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 4357
Delta R.T. 0.003 min
Lab File: VN070890.D
Acq: 2 Feb 2022 13:21



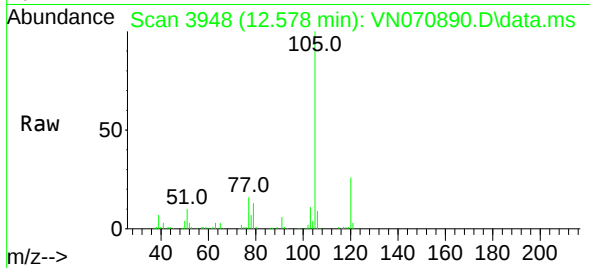
Tgt Ion:152 Resp: 451813
Ion Ratio Lower Upper
152 100
115 60.4 27.5 82.5
150 160.8 0.0 344.4





#73
Isopropylbenzene
Concen: 4.939 ug/l
RT: 12.578 min Scan# 3947
Delta R.T. -0.000 min
Lab File: VN070890.D
Acq: 2 Feb 2022 13:21

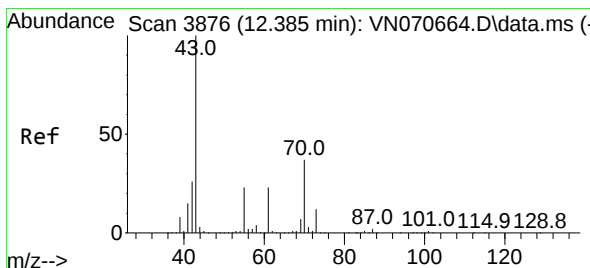
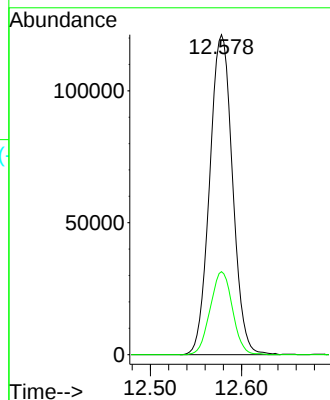
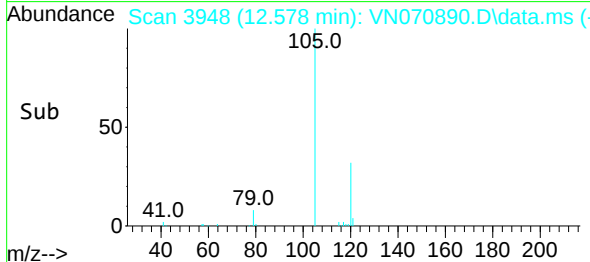
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion:105 Resp: 211130
Ion Ratio Lower Upper
105 100
120 25.3 13.4 40.1

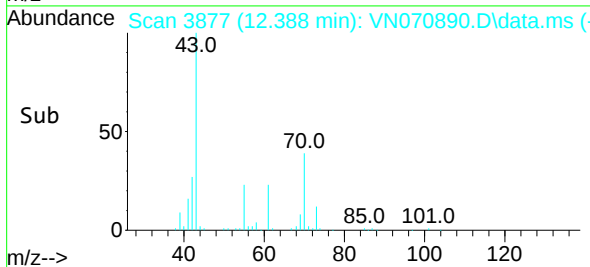
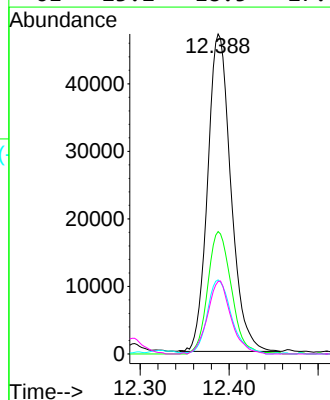
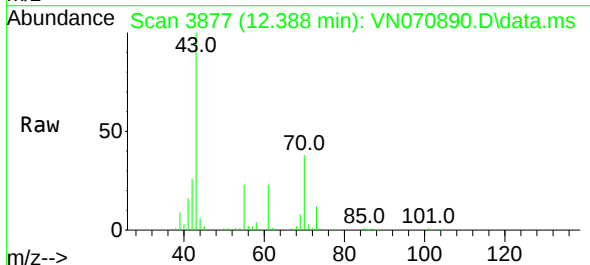
Manual Integrations
APPROVED

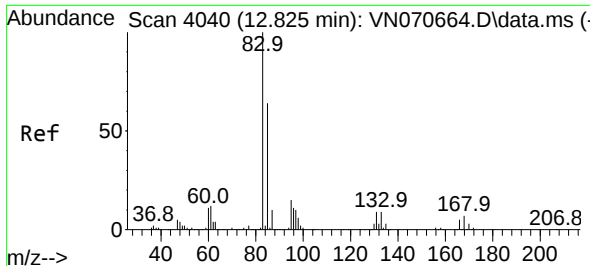
Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/04/2022



#74
N-amy1 acetate
Concen: 4.874 ug/l
RT: 12.388 min Scan# 3877
Delta R.T. -0.000 min
Lab File: VN070890.D
Acq: 2 Feb 2022 13:21

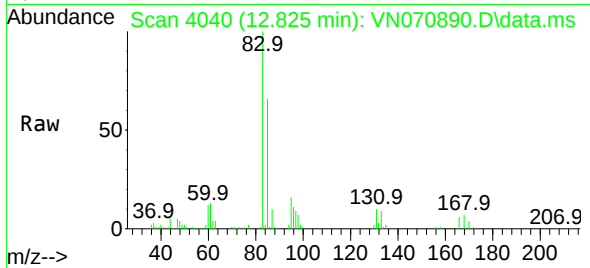
Tgt Ion: 43 Resp: 85172
Ion Ratio Lower Upper
43 100
70 39.2 33.4 50.0
55 24.4 19.3 28.9
61 23.2 18.5 27.7





#75
1,1,2,2-Tetrachloroethane
Concen: 5.153 ug/l
RT: 12.825 min Scan# 4040
Delta R.T. -0.000 min
Lab File: VN070890.D
Acq: 2 Feb 2022 13:21

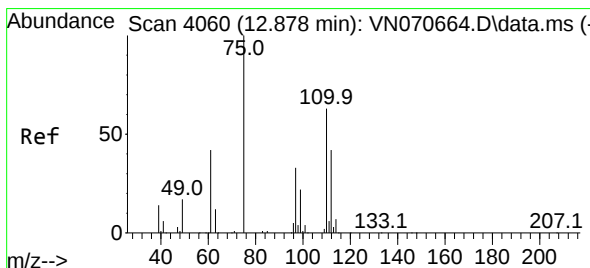
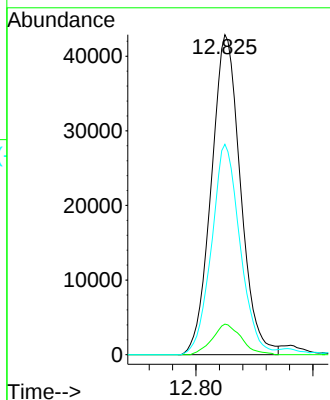
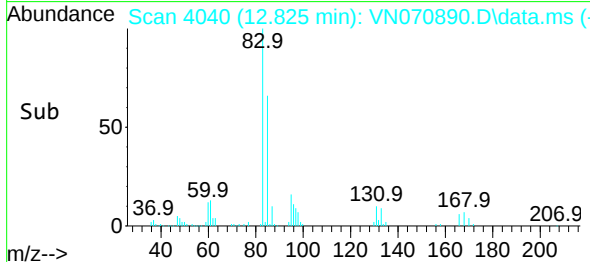
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 83 Resp: 74380
Ion Ratio Lower Upper
83 100
131 9.5 5.5 16.5
85 64.3 32.4 97.2

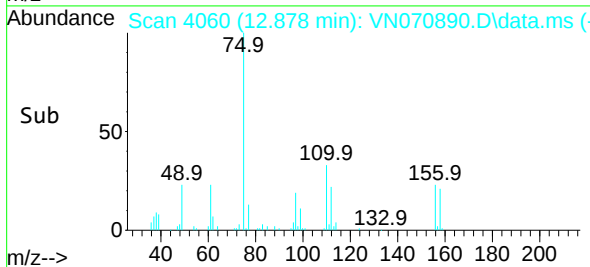
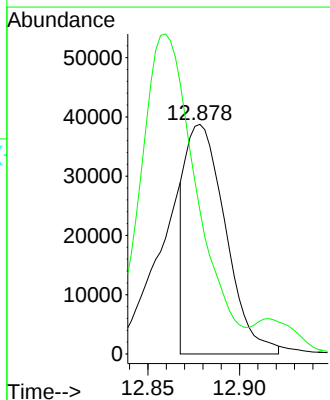
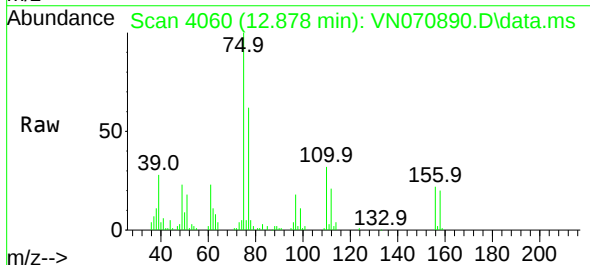
Manual Integrations
APPROVED

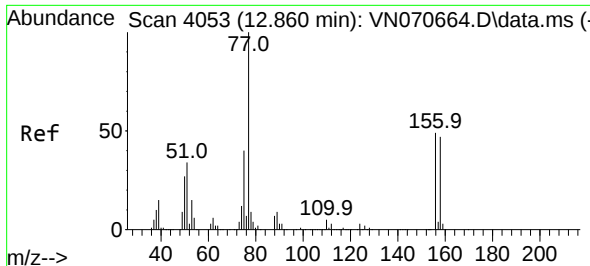
Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/04/2022



#76
1,2,3-Trichloropropane
Concen: 4.894 ug/l m
RT: 12.878 min Scan# 4060
Delta R.T. -0.000 min
Lab File: VN070890.D
Acq: 2 Feb 2022 13:21

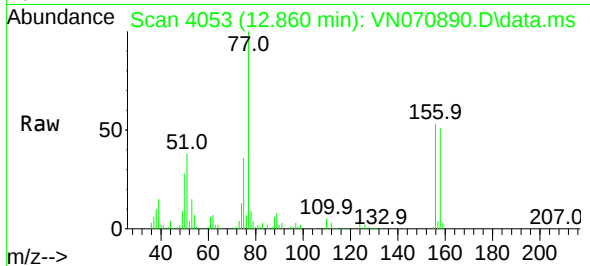
Tgt Ion: 75 Resp: 58642
Ion Ratio Lower Upper
75 100
77 197.1 82.6 247.8





#77
Bromobenzene
Concen: 5.297 ug/l
RT: 12.860 min Scan# 4053
Delta R.T. -0.000 min
Lab File: VN070890.D
Acq: 2 Feb 2022 13:21

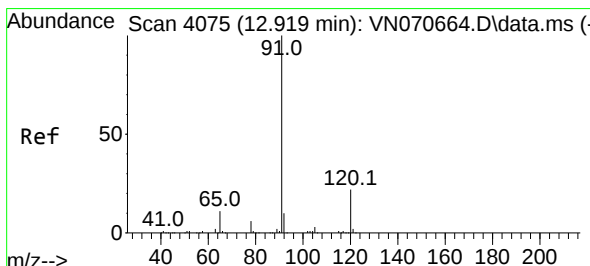
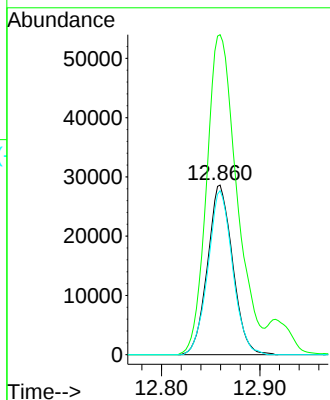
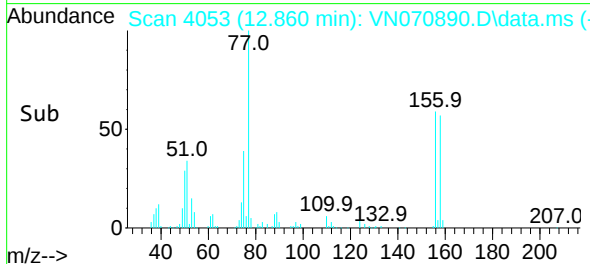
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



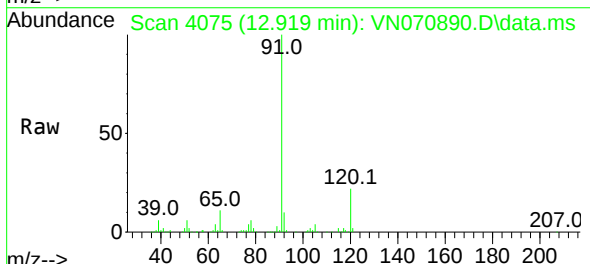
Tgt Ion:156 Resp: 5076
Ion Ratio Lower Upper
156 100
77 227.7 90.6 271.8
158 95.0 48.9 146.7

Manual Integrations
APPROVED

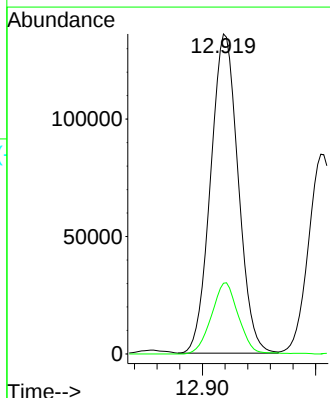
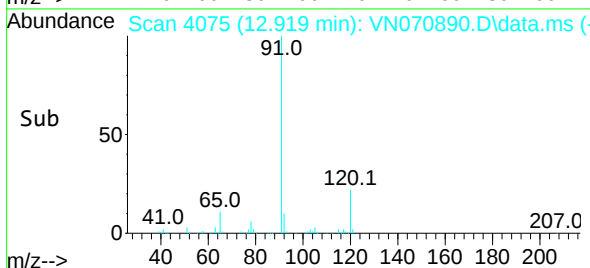
Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/04/2022

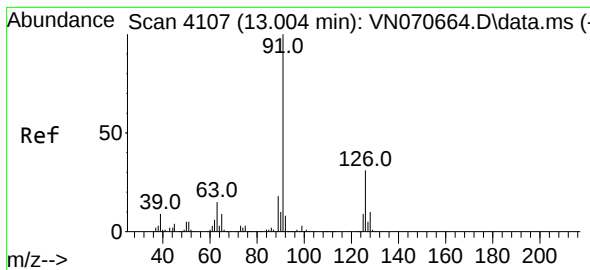


#78
n-propylbenzene
Concen: 4.808 ug/l
RT: 12.919 min Scan# 4075
Delta R.T. -0.000 min
Lab File: VN070890.D
Acq: 2 Feb 2022 13:21



Tgt Ion: 91 Resp: 229817
Ion Ratio Lower Upper
91 100
120 21.8 11.9 35.9





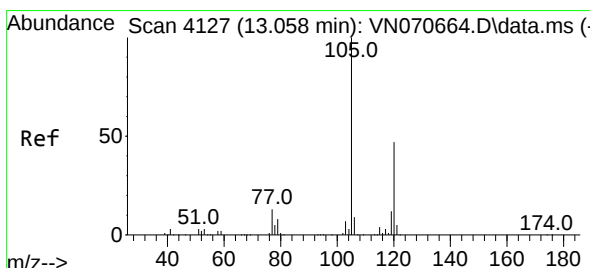
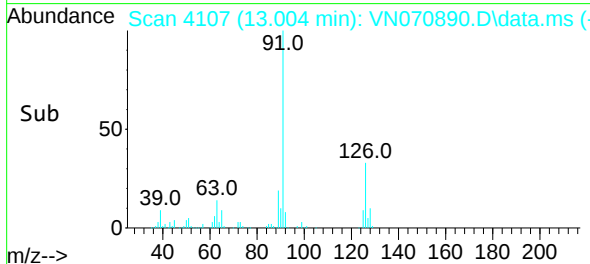
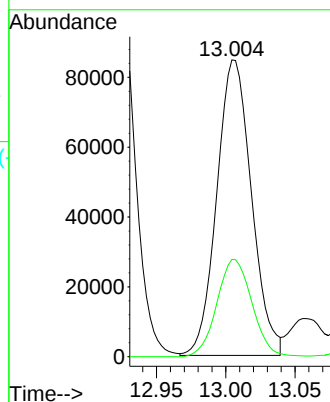
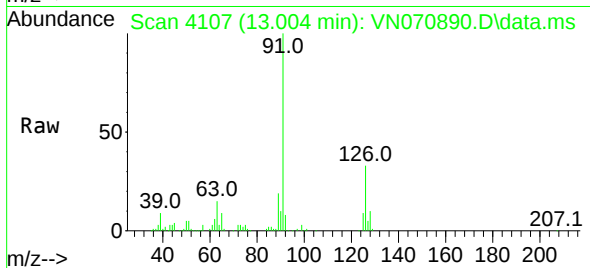
#79
2-Chlorotoluene
Concen: 4.880 ug/l
RT: 13.004 min Scan# 4107
Delta R.T. -0.003 min
Lab File: VN070890.D
Acq: 2 Feb 2022 13:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 91 Resp: 147572
Ion Ratio Lower Upper
91 100
126 33.3 18.3 54.8

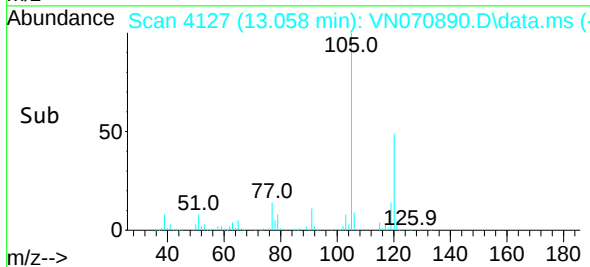
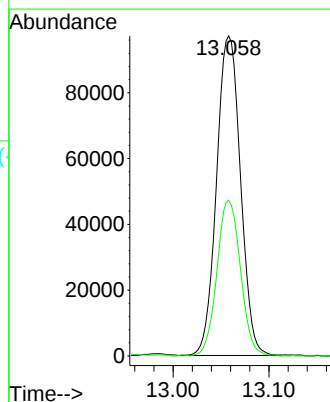
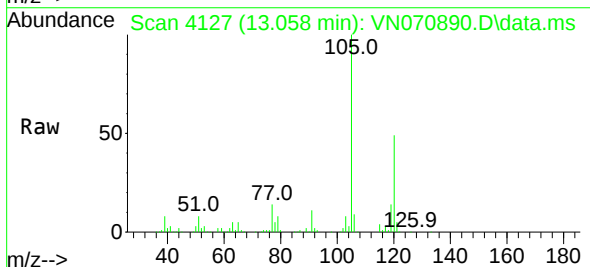
Manual Integrations
APPROVED

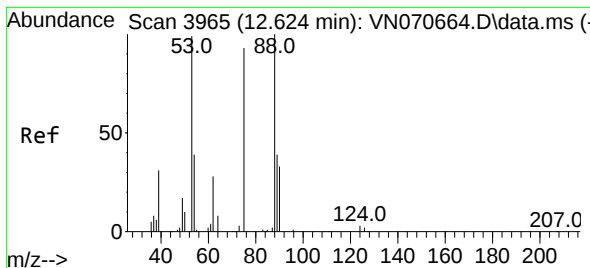
Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/04/2022



#80
1,3,5-Trimethylbenzene
Concen: 4.869 ug/l
RT: 13.058 min Scan# 4127
Delta R.T. -0.000 min
Lab File: VN070890.D
Acq: 2 Feb 2022 13:21

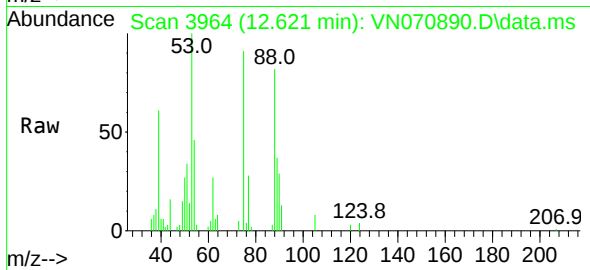
Tgt Ion:105 Resp: 168289
Ion Ratio Lower Upper
105 100
120 48.0 24.6 73.6





#81
trans-1,4-Dichloro-2-butene
Concen: 4.926 ug/l
RT: 12.621 min Scan# 3965
Delta R.T. -0.003 min
Lab File: VN070890.D
Acq: 2 Feb 2022 13:21

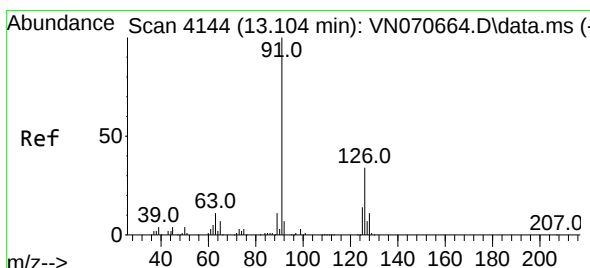
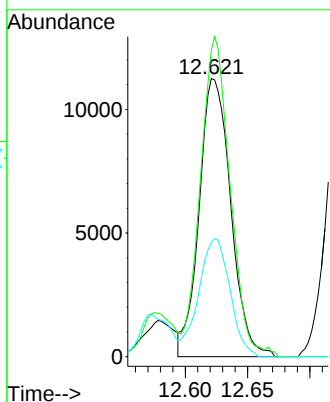
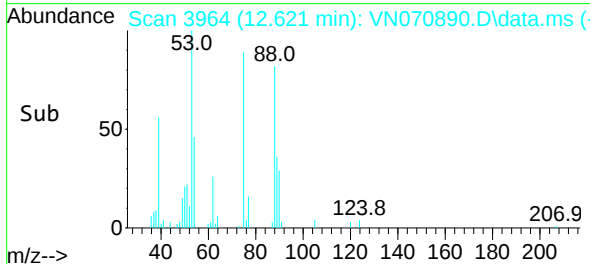
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



Tgt Ion: 75 Resp: 1981
Ion Ratio Lower Upper
75 100
53 107.9 90.5 135.7
89 42.4 38.2 57.4

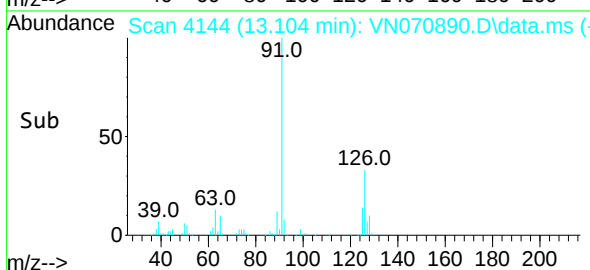
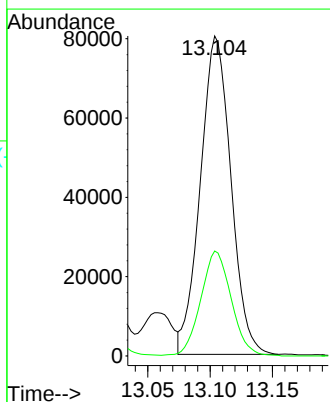
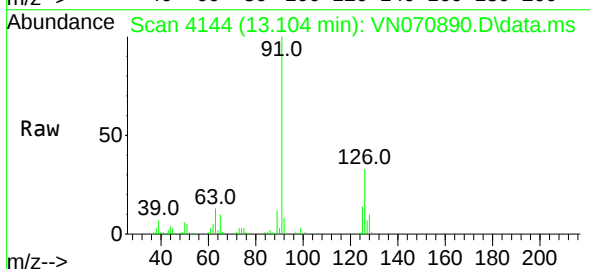
Manual Integrations
APPROVED

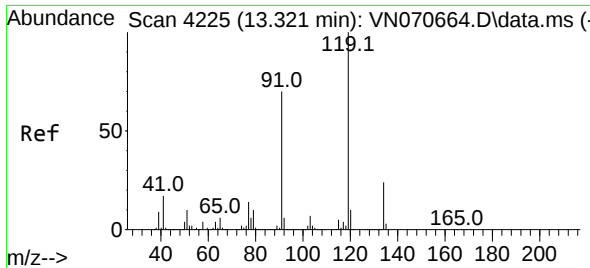
Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/04/2022



#82
4-Chlorotoluene
Concen: 4.847 ug/l
RT: 13.104 min Scan# 4144
Delta R.T. -0.000 min
Lab File: VN070890.D
Acq: 2 Feb 2022 13:21

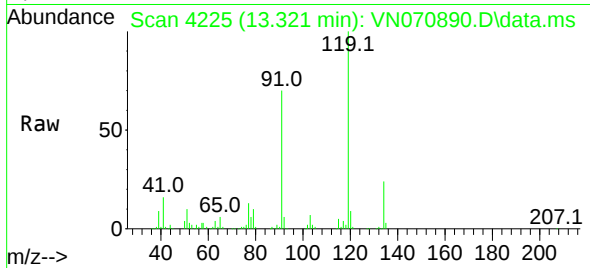
Tgt Ion: 91 Resp: 136931
Ion Ratio Lower Upper
91 100
126 32.9 18.2 54.6





#83
tert-Butylbenzene
Concen: 4.867 ug/l
RT: 13.321 min Scan# 4225
Delta R.T. -0.000 min
Lab File: VN070890.D
Acq: 2 Feb 2022 13:21

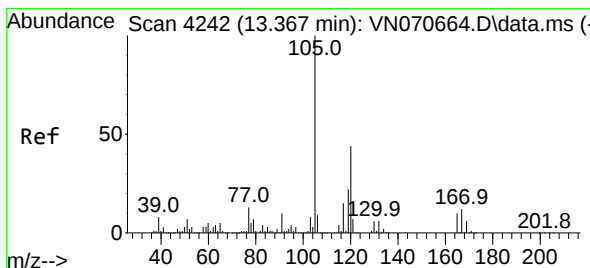
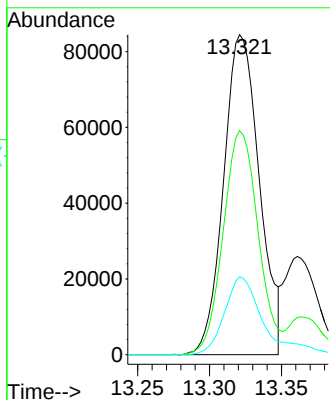
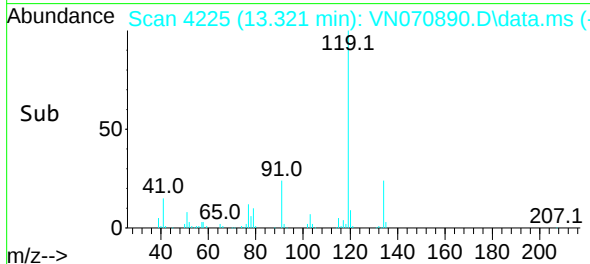
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



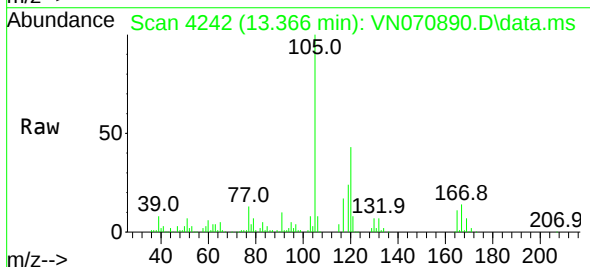
Tgt Ion:119 Resp: 146450
Ion Ratio Lower Upper
119 100
91 68.6 31.5 94.5
134 26.5 12.4 37.4

Manual Integrations
APPROVED

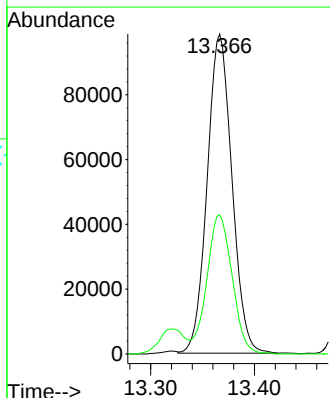
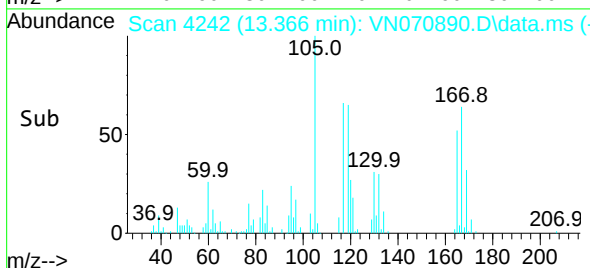
Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/04/2022

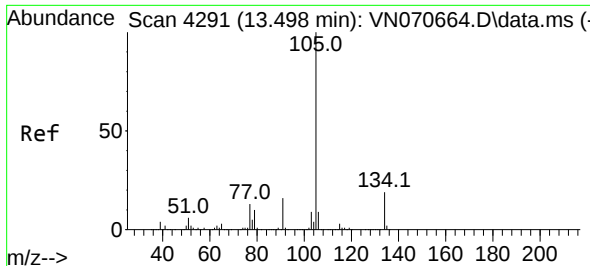


#84
1,2,4-Trimethylbenzene
Concen: 4.909 ug/l
RT: 13.366 min Scan# 4242
Delta R.T. -0.000 min
Lab File: VN070890.D
Acq: 2 Feb 2022 13:21



Tgt Ion:105 Resp: 163121
Ion Ratio Lower Upper
105 100
120 44.8 22.8 68.4





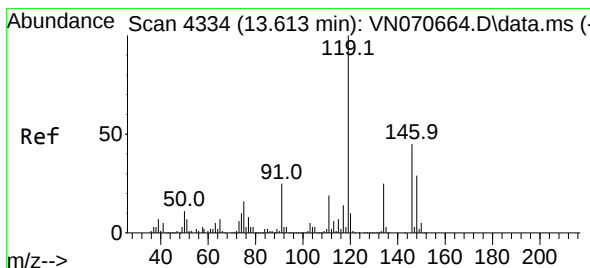
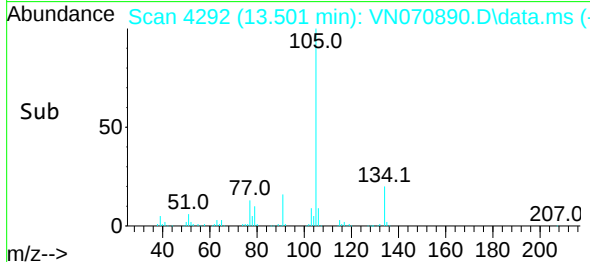
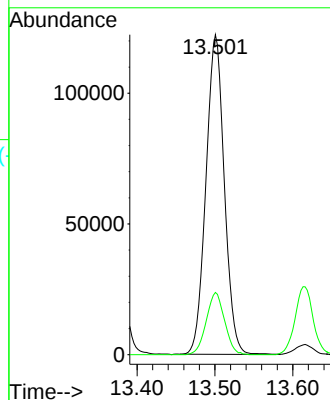
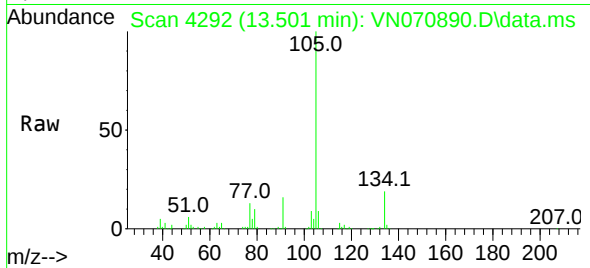
#85
 sec-Butylbenzene
 Concen: 4.903 ug/l
 RT: 13.501 min Scan# 4291
 Delta R.T. -0.000 min
 Lab File: VN070890.D
 Acq: 2 Feb 2022 13:21

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Tgt Ion:105 Resp: 200549
 Ion Ratio Lower Upper
 105 100
 134 19.4 10.4 31.1

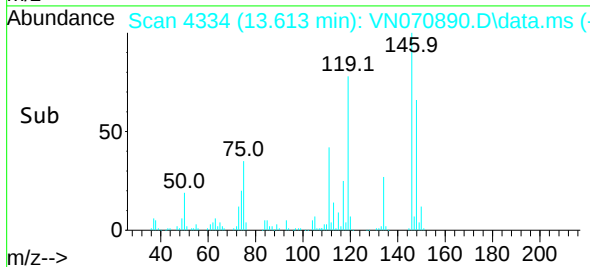
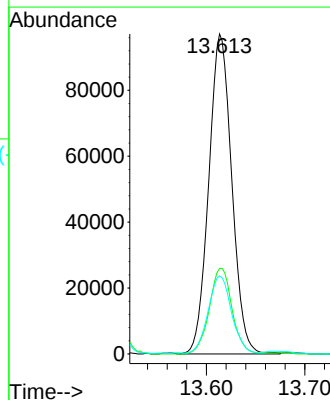
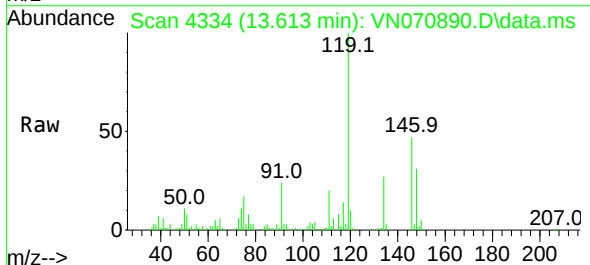
Manual Integrations
 APPROVED

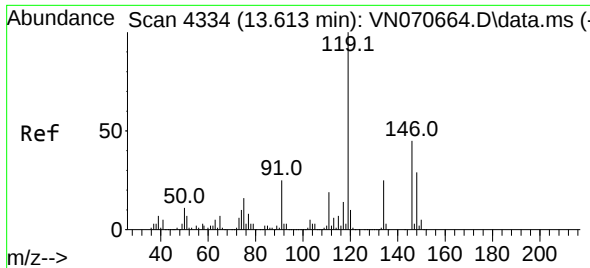
Reviewed By :John Carlone 02/03/2022
 Supervised By :Mahesh Dadoda 02/04/2022



#86
 p-Isopropyltoluene
 Concen: 4.922 ug/l
 RT: 13.613 min Scan# 4334
 Delta R.T. -0.000 min
 Lab File: VN070890.D
 Acq: 2 Feb 2022 13:21

Tgt Ion:119 Resp: 158173
 Ion Ratio Lower Upper
 119 100
 134 26.5 13.6 40.7
 91 24.3 11.4 34.1





#87

1,3-Dichlorobenzene

Concen: 5.008 ug/l

RT: 13.613 min Scan# 4334

Delta R.T. -0.000 min

Lab File: VN070890.D

Acq: 2 Feb 2022 13:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

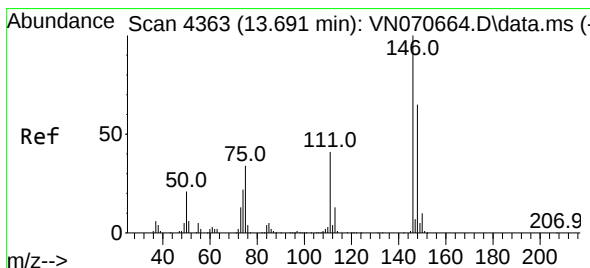
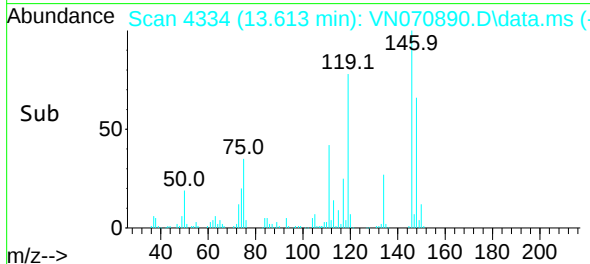
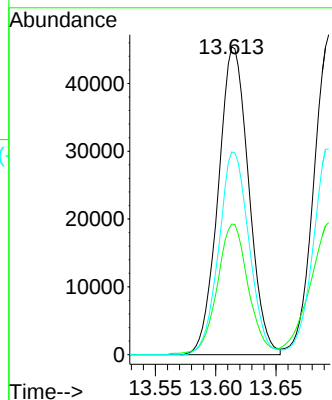
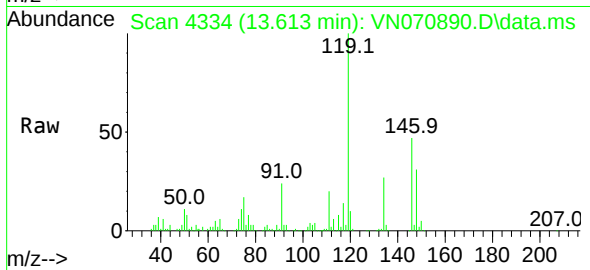
Tgt Ion:	146	Resp:	7983
Ion Ratio	Lower	Upper	
146	100		
111	43.2	18.6	55.6
148	65.5	31.6	95.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/03/2022

Supervised By :Mahesh Dadoda 02/04/2022



#88

1,4-Dichlorobenzene

Concen: 5.131 ug/l

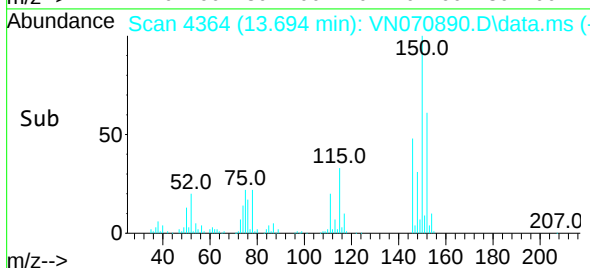
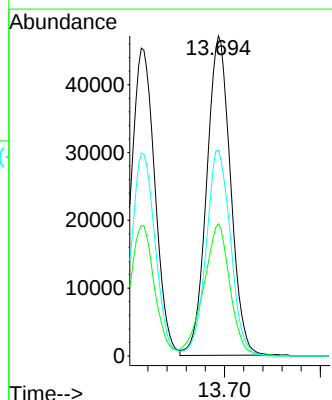
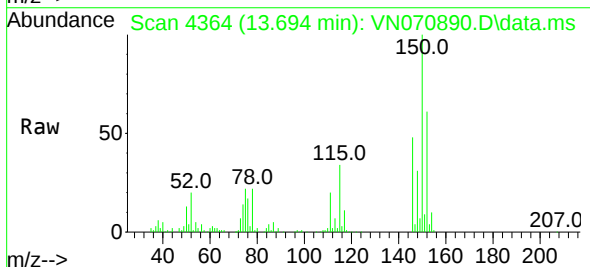
RT: 13.694 min Scan# 4364

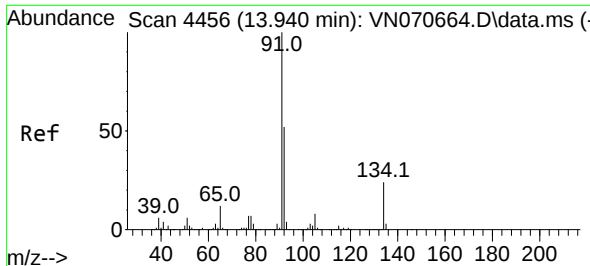
Delta R.T. -0.000 min

Lab File: VN070890.D

Acq: 2 Feb 2022 13:21

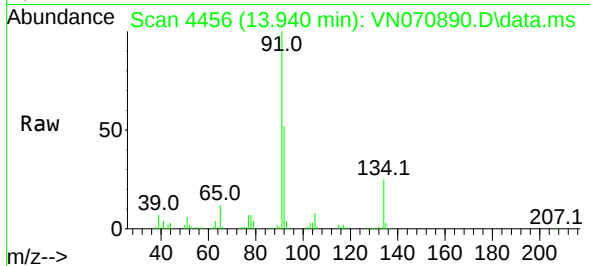
Tgt Ion:	146	Resp:	81406
Ion Ratio	Lower	Upper	
146	100		
111	46.0	18.3	54.8
148	66.2	31.8	95.4





#89
n-Butylbenzene
Concen: 5.002 ug/l
RT: 13.940 min Scan# 4456
Delta R.T. -0.000 min
Lab File: VN070890.D
Acq: 2 Feb 2022 13:21

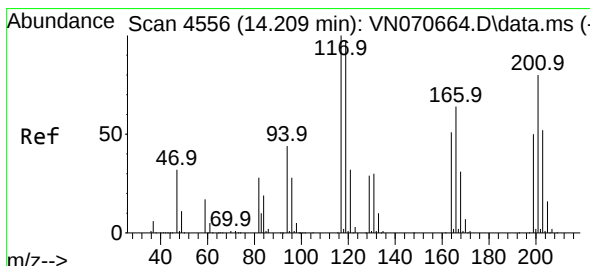
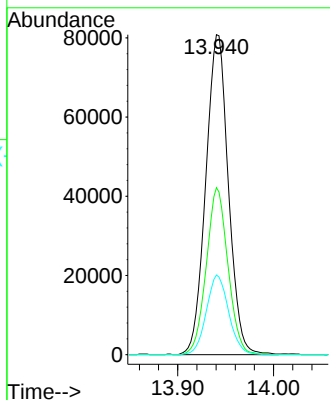
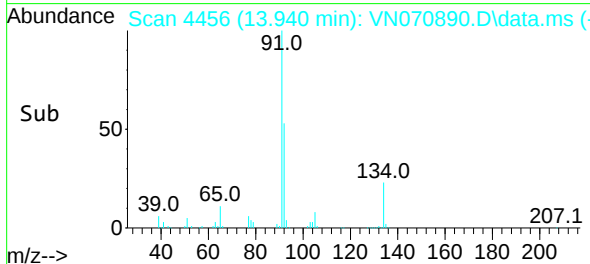
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 91 Resp: 132590
Ion Ratio Lower Upper
91 100
92 49.9 25.4 76.0
134 24.6 13.6 40.8

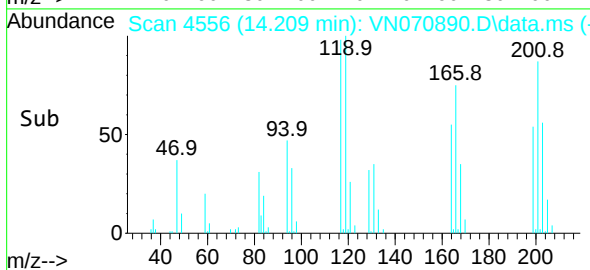
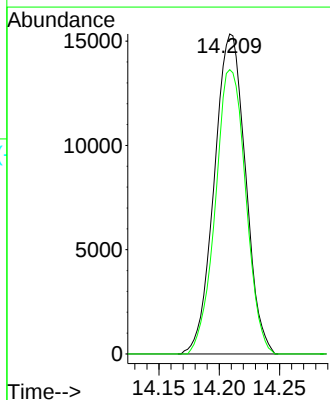
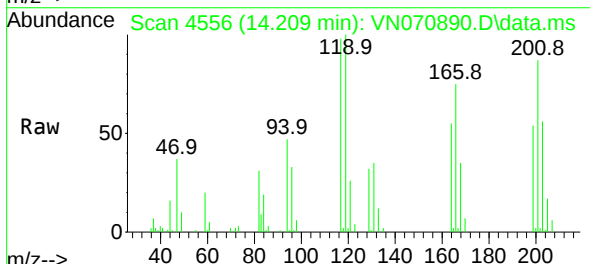
Manual Integrations
APPROVED

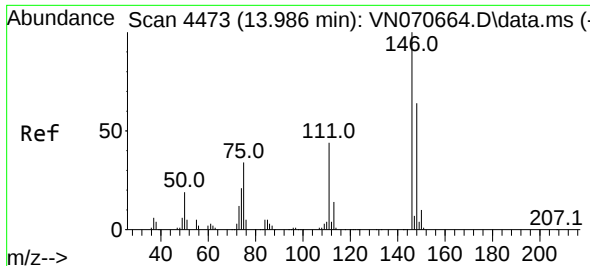
Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/04/2022



#90
Hexachloroethane
Concen: 4.918 ug/l
RT: 14.209 min Scan# 4556
Delta R.T. -0.000 min
Lab File: VN070890.D
Acq: 2 Feb 2022 13:21

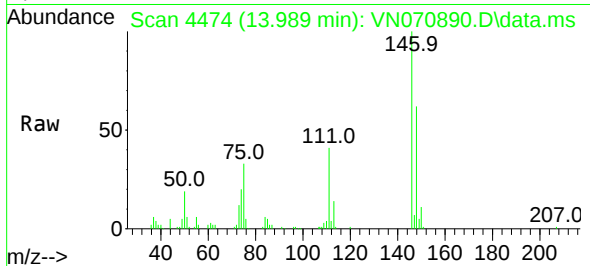
Tgt Ion:117 Resp: 27623
Ion Ratio Lower Upper
117 100
201 86.6 43.9 131.6





#91
1,2-Dichlorobenzene
Concen: 4.935 ug/l
RT: 13.989 min Scan# 4473
Delta R.T. 0.003 min
Lab File: VN070890.D
Acq: 2 Feb 2022 13:21

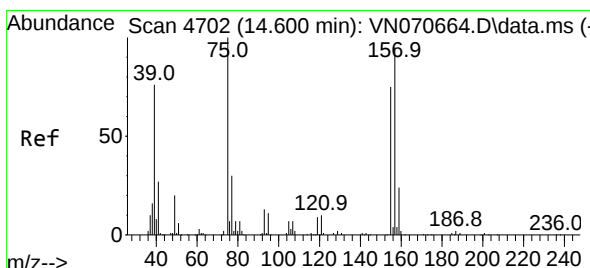
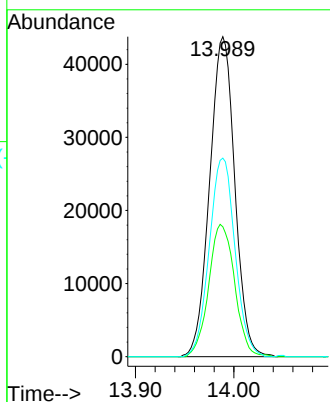
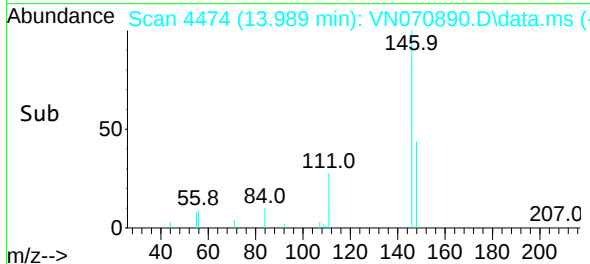
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion:146 Resp: 7773
Ion Ratio Lower Upper
146 100
111 42.6 19.1 57.3
148 63.7 32.1 96.3

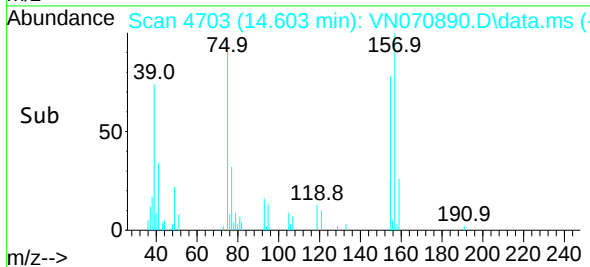
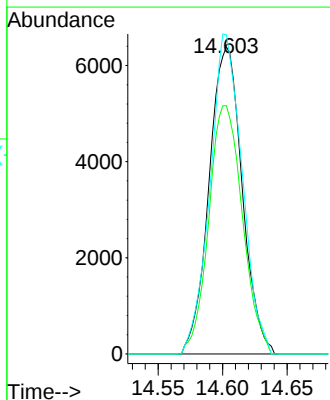
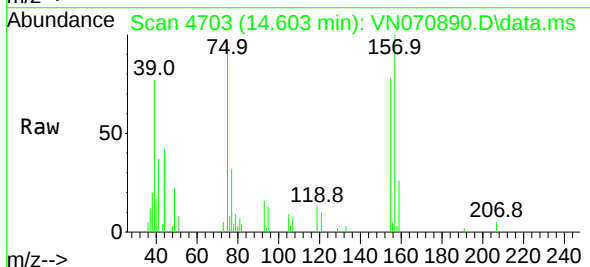
Manual Integrations
APPROVED

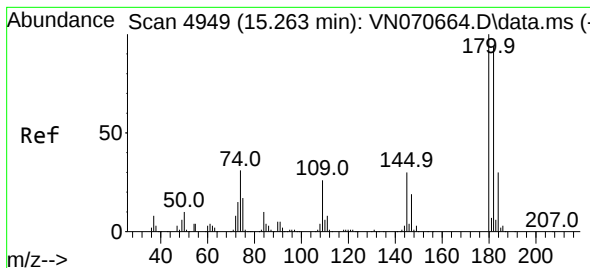
Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/04/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 4.660 ug/l
RT: 14.603 min Scan# 4703
Delta R.T. -0.000 min
Lab File: VN070890.D
Acq: 2 Feb 2022 13:21

Tgt Ion: 75 Resp: 11411
Ion Ratio Lower Upper
75 100
155 82.2 46.9 140.7
157 101.1 60.6 181.7





#93

1,2,4-Trichlorobenzene

Concen: 5.197 ug/l

RT: 15.263 min Scan# 4949

Delta R.T. -0.000 min

Lab File: VN070890.D

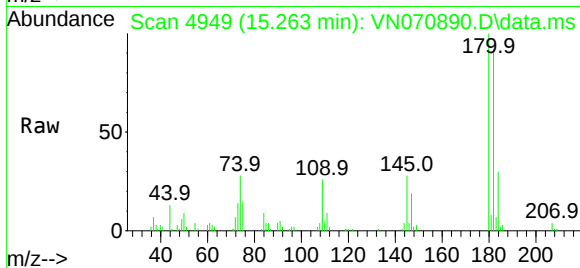
Acq: 2 Feb 2022 13:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005



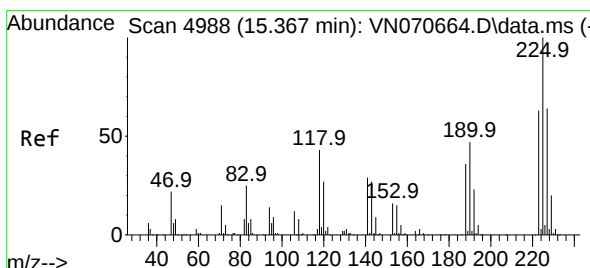
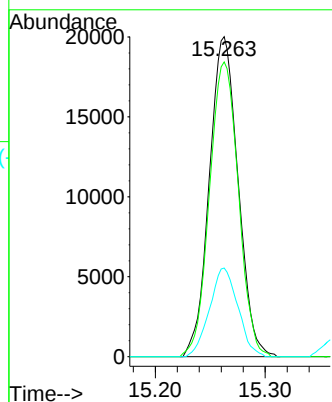
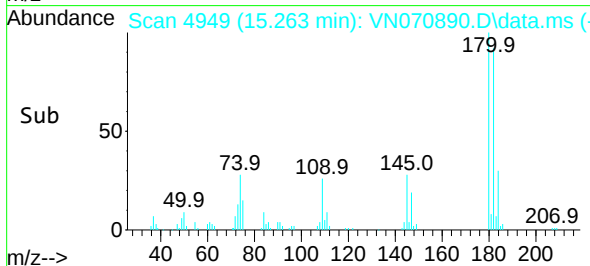
Tgt Ion:180	Resp:	3635
Ion Ratio	Lower	Upper
180	100	
182	92.6	48.3 144.9
145	27.3	14.5 43.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/03/2022

Supervised By :Mahesh Dadoda 02/04/2022



#94

Hexachlorobutadiene

Concen: 5.982 ug/l

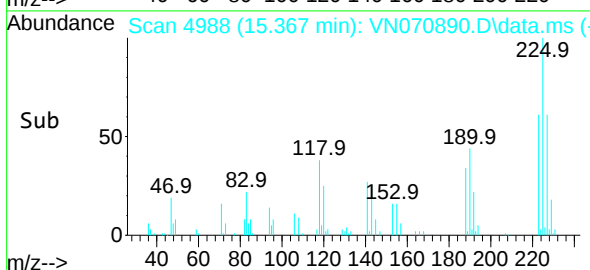
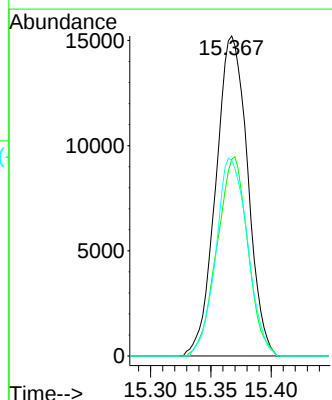
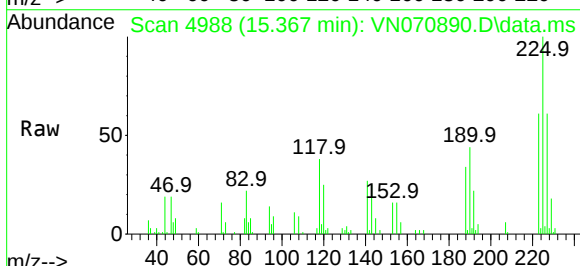
RT: 15.367 min Scan# 4988

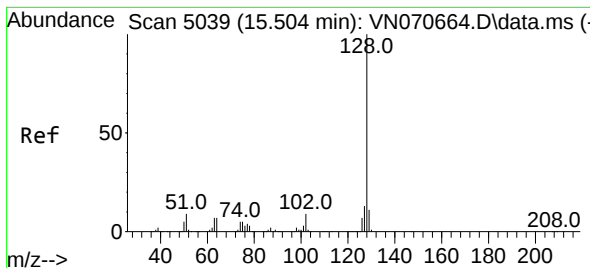
Delta R.T. -0.000 min

Lab File: VN070890.D

Acq: 2 Feb 2022 13:21

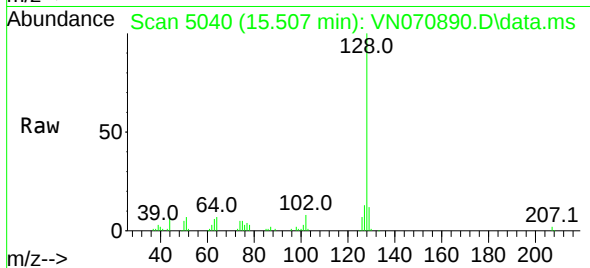
Tgt Ion:225	Resp:	27903
Ion Ratio	Lower	Upper
225	100	
223	60.3	31.9 95.7
227	61.4	32.1 96.3





#95
Naphthalene
Concen: 4.534 ug/l
RT: 15.507 min Scan# 5039
Delta R.T. 0.003 min
Lab File: VN070890.D
Acq: 2 Feb 2022 13:21

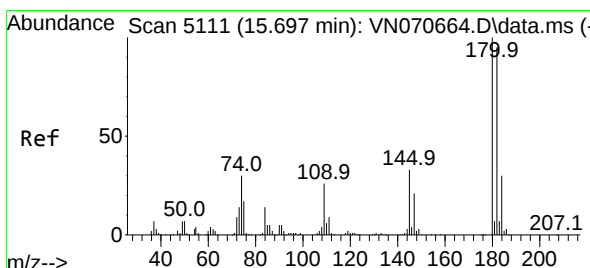
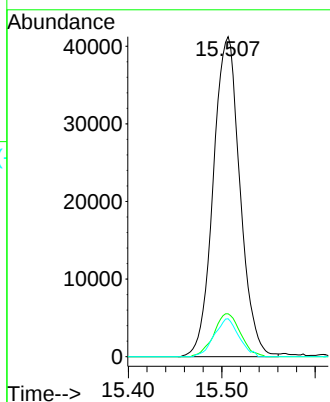
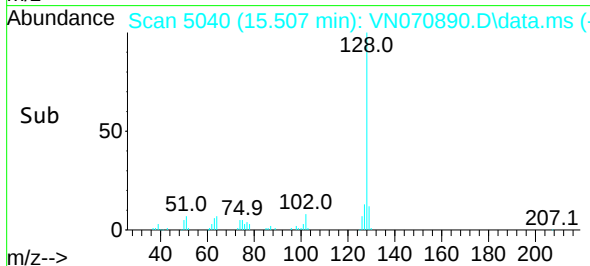
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



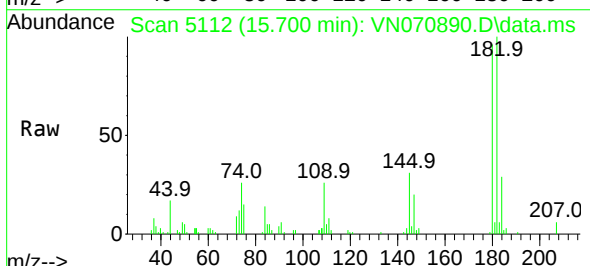
Tgt Ion:128 Resp: 81970
Ion Ratio Lower Upper
128 100
127 13.4 10.5 15.7
129 11.0 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/04/2022



#96
1,2,3-Trichlorobenzene
Concen: 5.123 ug/l
RT: 15.700 min Scan# 5112
Delta R.T. -0.000 min
Lab File: VN070890.D
Acq: 2 Feb 2022 13:21



Tgt Ion:180 Resp: 34158
Ion Ratio Lower Upper
180 100
182 96.4 47.4 142.2
145 32.8 15.0 45.1

