

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020322\
 Data File : VN070925.D
 Acq On : 3 Feb 2022 13:09
 Operator : JC/MD
 Sample : VN0203MBS02
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0203MBS02

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/07/2022
 Supervised By : Mahesh Dadoda 02/08/2022

Quant Time: Feb 04 04:42:08 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N020222W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 02 15:30:39 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	708078	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1134514	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1040418	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	451126	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	474329	49.489	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	98.980%		
35) Dibromofluoromethane	8.021	113	348070	51.214	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	102.420%		
50) Toluene-d8	10.440	98	1396452	50.043	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	100.080%		
62) 4-Bromofluorobenzene	12.731	95	498531	49.581	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	99.160%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.073	85	161009	20.494	ug/l	98
3) Chloromethane	2.303	50	187204	18.865	ug/l	99
4) Vinyl Chloride	2.445	62	123139	14.854	ug/l	98
5) Bromomethane	2.853	94	86788	20.469	ug/l	99
6) Chloroethane	3.019	64	80712	21.468	ug/l	96
7) Trichlorofluoromethane	3.373	101	194393	20.998	ug/l	99
8) Diethyl Ether	3.821	74	70525	13.135	ug/l	88
9) 1,1,2-Trichlorotrifluo...	4.210	101	107072	15.329	ug/l	96
10) Methyl Iodide	4.417	142	149584	14.513	ug/l	99
11) Tert butyl alcohol	5.377	59	202888	100.740	ug/l	99
12) 1,1-Dichloroethene	4.178	96	98202	13.762	ug/l	92
13) Acrolein	4.041	56	132739	59.865	ug/l	99
14) Allyl chloride	4.840	41	222752	13.703	ug/l	95
15) Acrylonitrile	5.554	53	592190	105.292	ug/l	99
16) Acetone	4.288	43	404318	70.548	ug/l	97
17) Carbon Disulfide	4.527	76	295762	13.346	ug/l	99
18) Methyl Acetate	4.857	43	191431	14.317	ug/l	93
19) Methyl tert-butyl Ether	5.618	73	568256	20.858	ug/l	95
20) Methylene Chloride	5.093	84	174698	20.073	ug/l	86
21) trans-1,2-Dichloroethene	5.597	96	152497	20.044	ug/l	87
22) Diisopropyl ether	6.495	45	672427	21.356	ug/l	93
23) Vinyl Acetate	6.434	43	2974117	106.787	ug/l	95
24) 1,1-Dichloroethane	6.385	63	323604	20.411	ug/l	98
25) 2-Butanone	7.337	43	858085	103.727	ug/l	92
26) 2,2-Dichloropropane	7.327	77	246306	19.782	ug/l	99
27) cis-1,2-Dichloroethene	7.327	96	180986	20.142	ug/l	88
28) Bromochloromethane	7.657	49	143286	20.712	ug/l #	77
29) Tetrahydrofuran	7.686	42	575789	107.155	ug/l	88
30) Chloroform	7.817	83	308239	20.437	ug/l	97
31) Cyclohexane	8.094	56	330339	20.285	ug/l	89
32) 1,1,1-Trichloroethane	8.013	97	256154	20.121	ug/l	98
36) 1,1-Dichloropropene	8.222	75	232444	21.053	ug/l	96
37) Ethyl Acetate	7.412	43	332949	21.880	ug/l	97
38) Carbon Tetrachloride	8.204	117	209934	20.820	ug/l	98
39) Methylcyclohexane	9.459	83	289540	21.332	ug/l	87
40) Benzene	8.461	78	720497	20.771	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.638	41	159975	20.923	ug/l	91
42) 1,2-Dichloroethane	8.531	62	253956	21.506	ug/l	100
43) Isopropyl Acetate	8.560	43	516037	20.172	ug/l #	95
44) Trichloroethene	9.215	130	168536	20.997	ug/l	92
45) 1,2-Dichloropropane	9.488	63	199463	21.474	ug/l	100
46) Dibromomethane	9.577	93	120305	21.620	ug/l	95
47) Bromodichloromethane	9.762	83	237798	21.216	ug/l	99
48) Methyl methacrylate	9.561	41	228480	20.716	ug/l #	84
49) 1,4-Dioxane	9.569	88	81403	440.579	ug/l #	81
51) 4-Methyl-2-Pentanone	10.330	43	1663174	110.457	ug/l	98
52) Toluene	10.505	92	440568	20.499	ug/l	98
53) t-1,3-Dichloropropene	10.719	75	263523	20.833	ug/l	97
54) cis-1,3-Dichloropropene	10.188	75	288342	20.959	ug/l	97
55) 1,1,2-Trichloroethane	10.896	97	172735	21.162	ug/l	98
56) Ethyl methacrylate	10.762	69	299390	21.059	ug/l	90
57) 1,3-Dichloropropane	11.044	76	308634	21.599	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.041	63	280009	86.669	ug/l	91
59) 2-Hexanone	11.084	43	1188831	108.140	ug/l	97
60) Dibromochloromethane	11.237	129	169084	20.885	ug/l	99
61) 1,2-Dibromoethane	11.344	107	177312	21.122	ug/l	99
64) Tetrachloroethene	10.977	164	149422	21.942	ug/l	94
65) Chlorobenzene	11.771	112	445977	20.481	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.840	131	159671	21.009	ug/l	99
67) Ethyl Benzene	11.843	91	829038	20.885	ug/l	97
68) m/p-Xylenes	11.953	106	618249	42.035	ug/l	92
69) o-Xylene	12.280	106	304607	20.693	ug/l	94
70) Styrene	12.294	104	494358	21.309	ug/l	97
71) Bromoform	12.457	173	126784	20.204	ug/l #	99
73) Isopropylbenzene	12.578	105	791837	20.118	ug/l	97
74) N-amyl acetate	12.388	43	350460	19.881	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.827	83	278350	20.416	ug/l	98
76) 1,2,3-Trichloropropane	12.881	75	228258m	21.021	ug/l	
77) Bromobenzene	12.860	156	184700	19.574	ug/l	77
78) n-propylbenzene	12.919	91	910992	20.295	ug/l	96
79) 2-Chlorotoluene	13.007	91	556558	19.940	ug/l	92
80) 1,3,5-Trimethylbenzene	13.058	105	653894	20.494	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.626	75	77774	19.415	ug/l	97
82) 4-Chlorotoluene	13.104	91	548709	20.397	ug/l	92
83) tert-Butylbenzene	13.324	119	552985	19.872	ug/l	94
84) 1,2,4-Trimethylbenzene	13.366	105	638734	20.471	ug/l	98
85) sec-Butylbenzene	13.501	105	791090	20.320	ug/l	97
86) p-Isopropyltoluene	13.616	119	636991	20.748	ug/l	97
87) 1,3-Dichlorobenzene	13.616	146	318880	20.316	ug/l	96
88) 1,4-Dichlorobenzene	13.694	146	313803	19.987	ug/l	96
89) n-Butylbenzene	13.940	91	536738	19.838	ug/l	97
90) Hexachloroethane	14.211	117	105227	19.340	ug/l	95
91) 1,2-Dichlorobenzene	13.989	146	308250	20.471	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.603	75	49827	20.169	ug/l	81
93) 1,2,4-Trichlorobenzene	15.263	180	159692	19.165	ug/l	97
94) Hexachlorobutadiene	15.370	225	104559	20.792	ug/l	98
95) Naphthalene	15.507	128	405087	19.455	ug/l	100
96) 1,2,3-Trichlorobenzene	15.700	180	153131	20.315	ug/l	98

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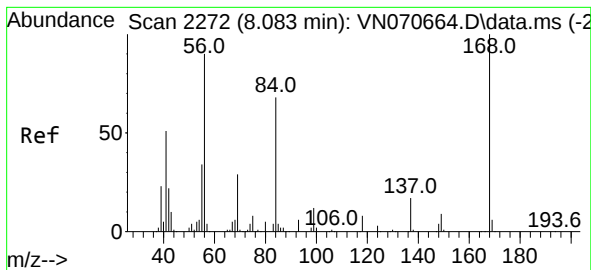
Manual Integrations
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.086 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN070925.D

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Instrument :

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Tgt Ion:168 Resp: 708078

Ion Ratio Lower Upper

168 100

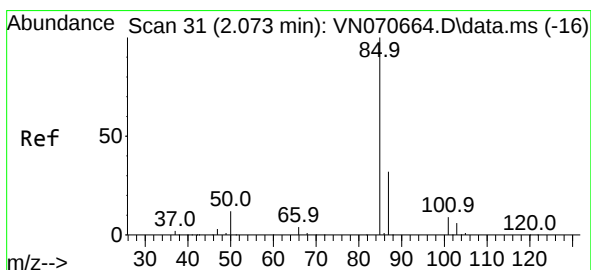
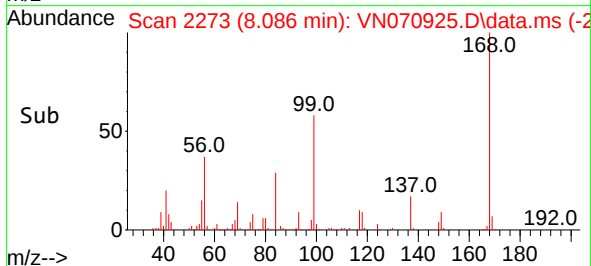
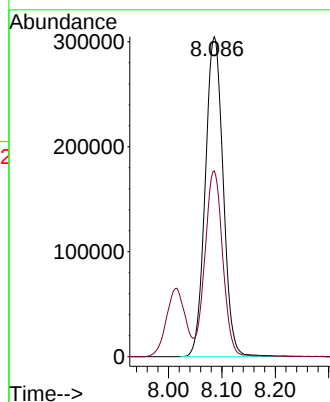
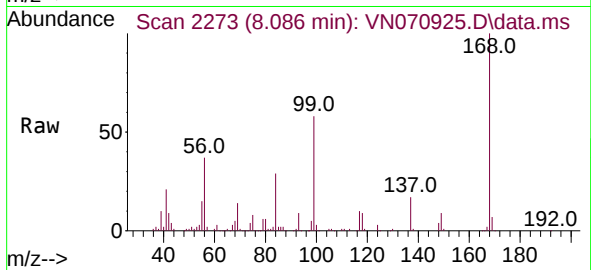
99 57.9 41.3 61.9

Manual Integrations

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#2

Dichlorodifluoromethane

Concen: 20.494 ug/l

RT: 2.073 min Scan# 31

Delta R.T. -0.000 min

Lab File: VN070925.D

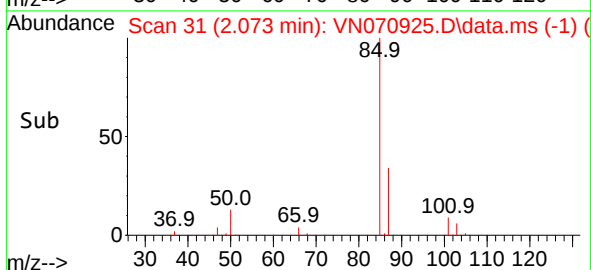
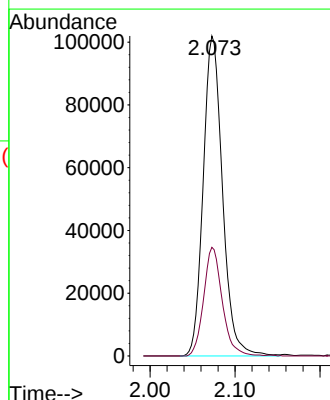
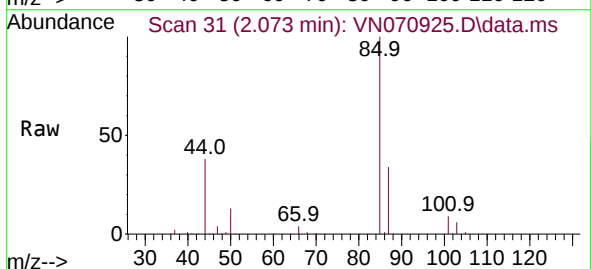
Acq: 3 Feb 2022 13:09

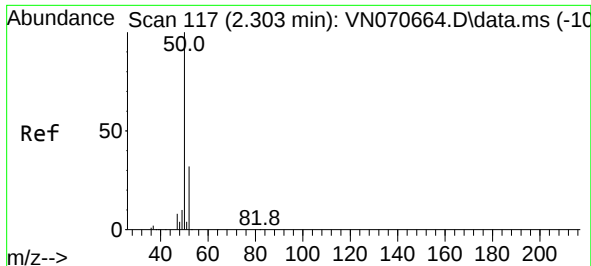
Tgt Ion: 85 Resp: 161009

Ion Ratio Lower Upper

85 100

87 34.0 16.3 48.9





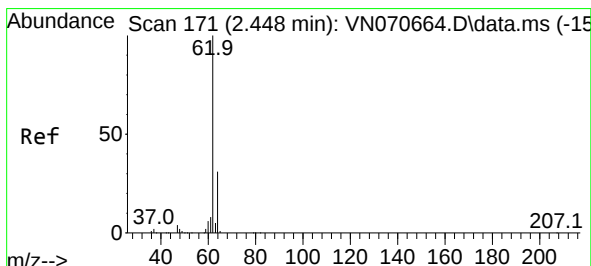
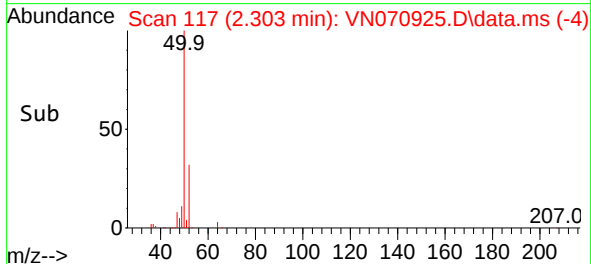
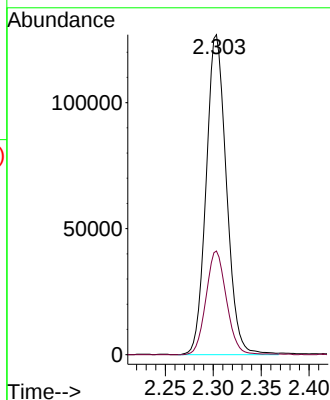
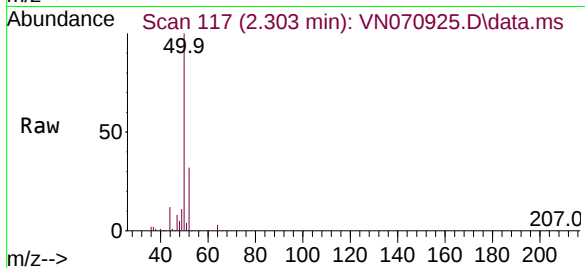
#3
Chloromethane
Concen: 18.865 ug/l
RT: 2.303 min Scan# 117
Delta R.T. 0.002 min
Lab File: VN070925.D
Acq: 3 Feb 2022 13:09

Instrument :
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ClientSampleId :
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Tgt Ion: 50 Resp: 187204
Ion Ratio Lower Upper
50 100
52 32.4 25.4 38.0

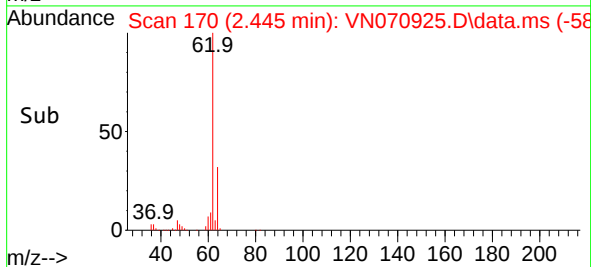
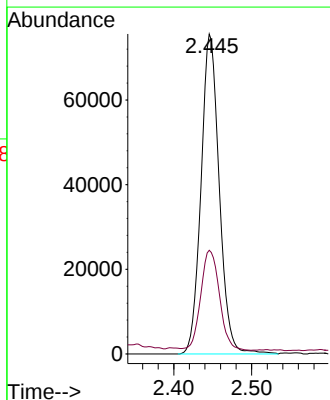
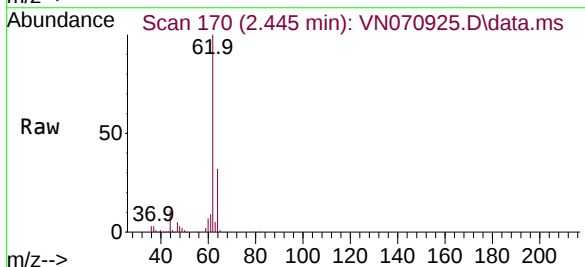
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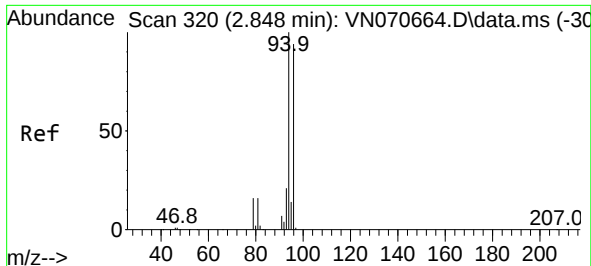
Reviewed By :John Carlone 02/07/2022
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#4
Vinyl Chloride
Concen: 14.854 ug/l
RT: 2.445 min Scan# 170
Delta R.T. -0.001 min
Lab File: VN070925.D
Acq: 3 Feb 2022 13:09

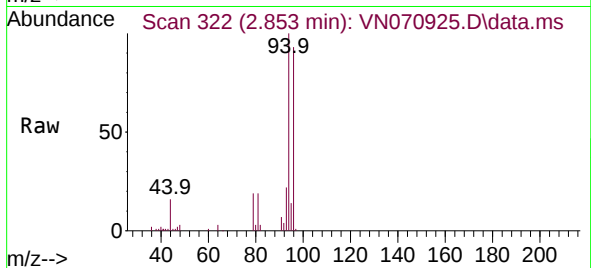
Tgt Ion: 62 Resp: 123139
Ion Ratio Lower Upper
62 100
64 31.2 25.8 38.6





#5
Bromomethane
Concen: 20.469 ug/l
RT: 2.853 min Scan# 31
Delta R.T. 0.021 min
Lab File: VN070925.D
Acq: 3 Feb 2022 13:09

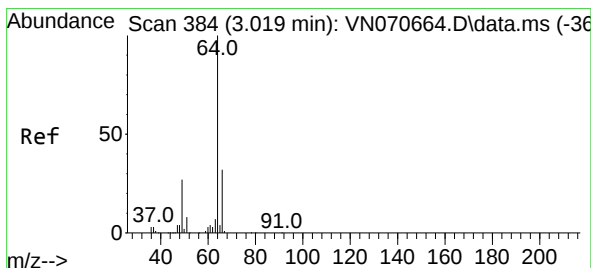
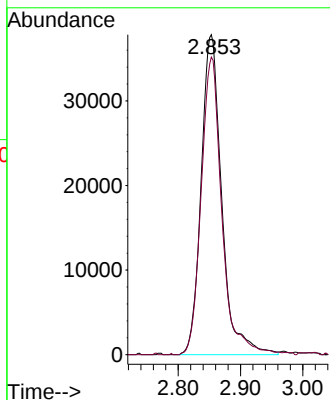
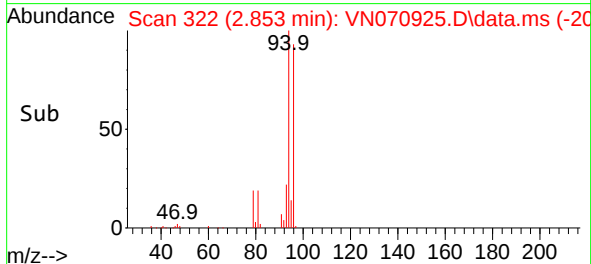
Instrument :
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Tgt Ion: 94 Resp: 8678
Ion Ratio Lower Upper
94 100
96 93.0 73.8 110.8

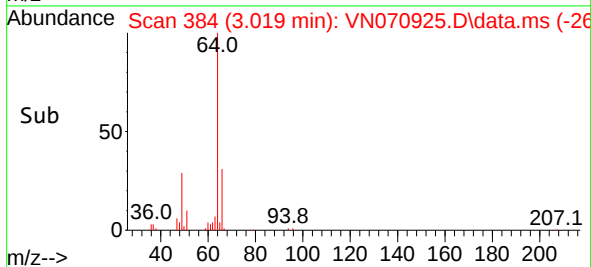
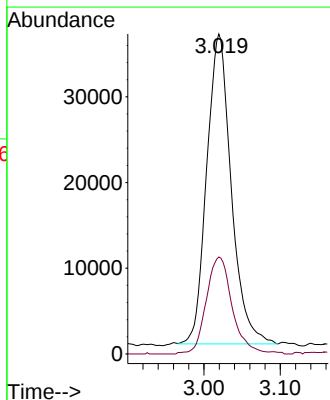
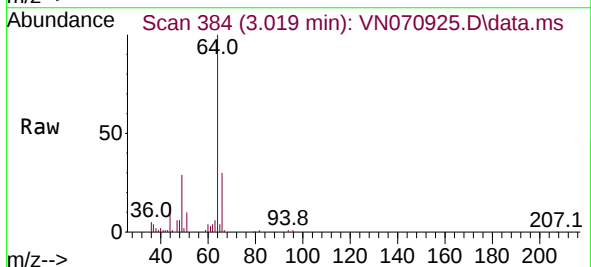
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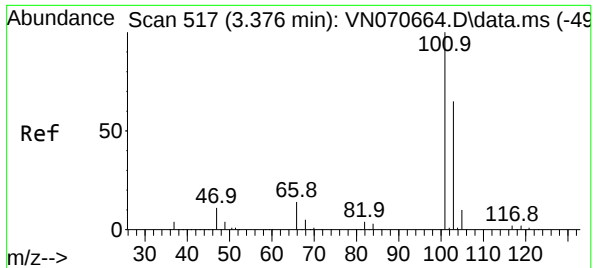
Reviewed By :John Carlone 02/07/2022
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#6
Chloroethane
Concen: 21.468 ug/l
RT: 3.019 min Scan# 384
Delta R.T. 0.010 min
Lab File: VN070925.D
Acq: 3 Feb 2022 13:09

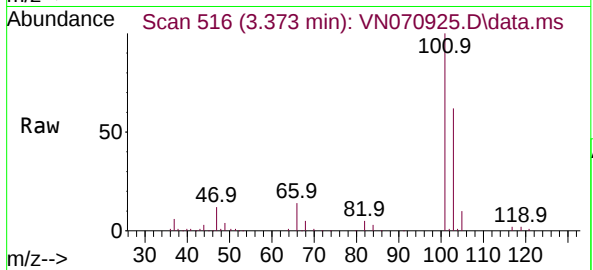
Tgt Ion: 64 Resp: 80712
Ion Ratio Lower Upper
64 100
66 30.9 26.3 39.5





#7
 Trichlorofluoromethane
 Concen: 20.998 ug/l
 RT: 3.373 min Scan# 517
 Delta R.T. 0.002 min
 Lab File: VN070925.D
 Acq: 3 Feb 2022 13:09

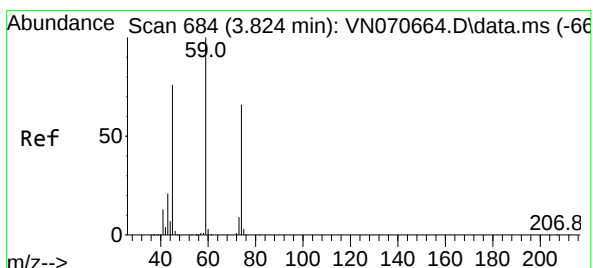
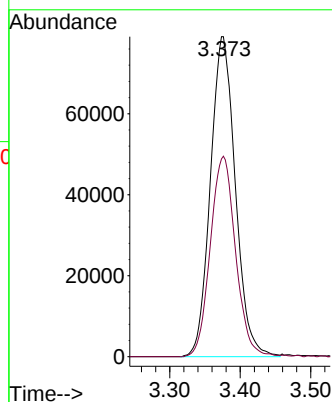
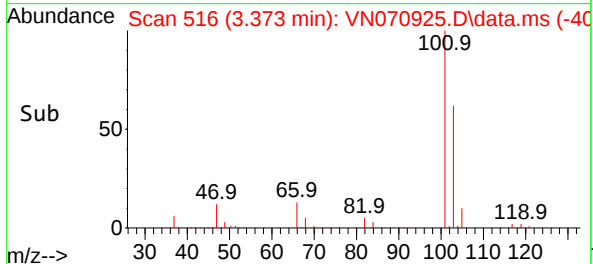
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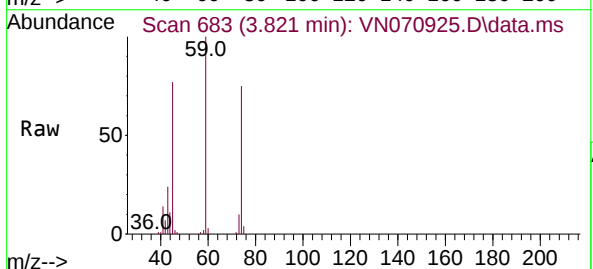
Tgt Ion:101 Resp: 19439
 Ion Ratio Lower Upper
 101 100
 103 61.8 50.1 75.1

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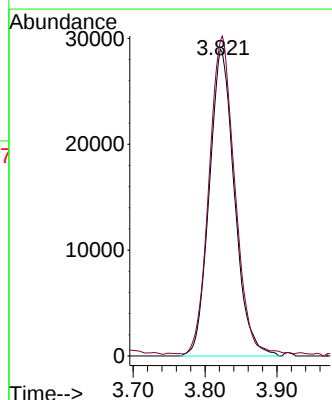
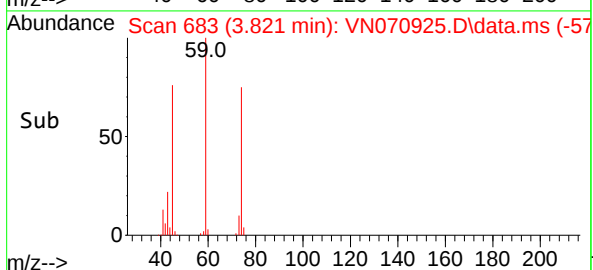
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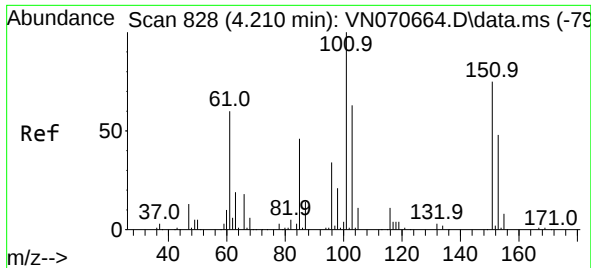


#8
 Diethyl Ether
 Concen: 13.135 ug/l
 RT: 3.821 min Scan# 683
 Delta R.T. 0.000 min
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 Acq: 3 Feb 2022 13:09



Tgt Ion: 74 Resp: 70525
 Ion Ratio Lower Upper
 74 100
 45 105.5 47.0 141.2





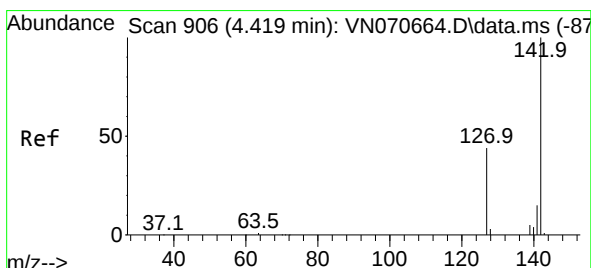
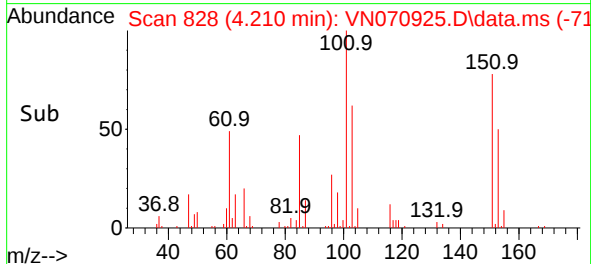
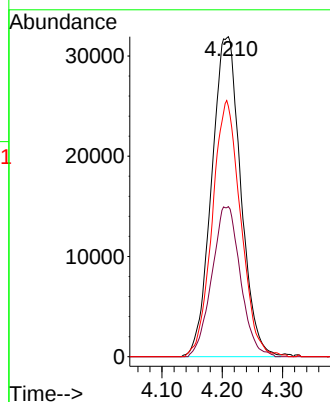
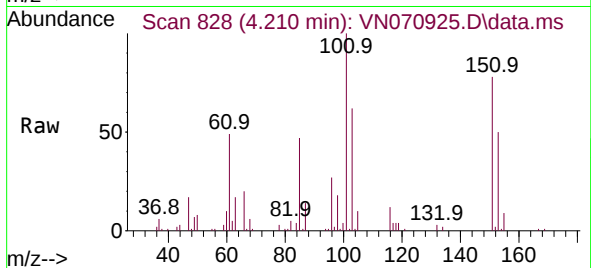
#9
1,1,2-Trichlorotrifluoroethane
Concen: 15.329 ug/l
RT: 4.210 min Scan# 81
Delta R.T. 0.005 min
Lab File: VN070925.D
Acq: 3 Feb 2022 13:09

Instrument :
MSVOA_N
ClientSampleId :
VN0203MBS02

Tgt Ion:101 Resp: 107072
Ion Ratio Lower Upper
101 100
85 46.0 37.2 55.8
151 77.8 65.9 98.9

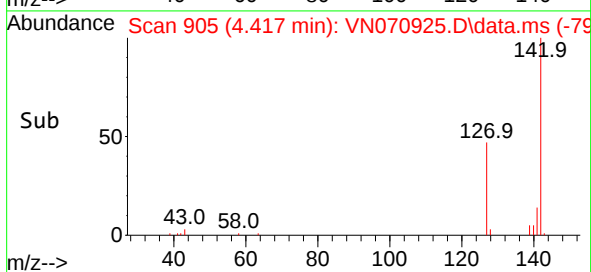
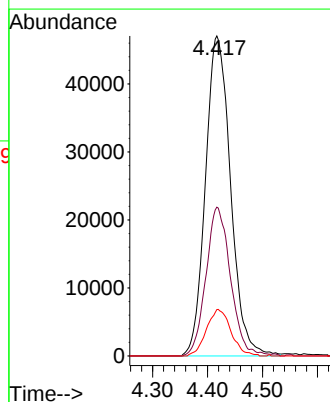
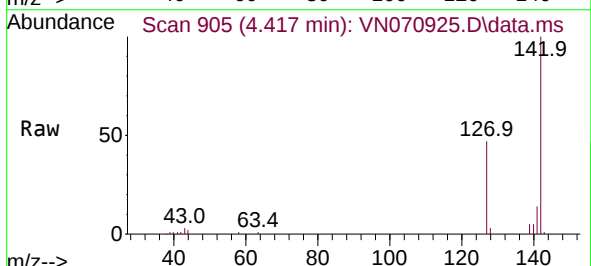
Manual Integrations
APPROVED

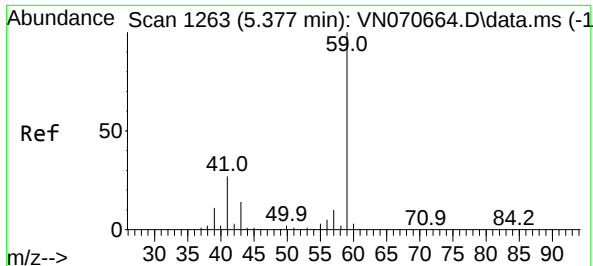
Reviewed By :John Carbone 02/07/2022
Supervised By :Mahesh Dadoda 02/08/2022



#10
Methyl Iodide
Concen: 14.513 ug/l
RT: 4.417 min Scan# 905
Delta R.T. -0.000 min
Lab File: VN070925.D
Acq: 3 Feb 2022 13:09

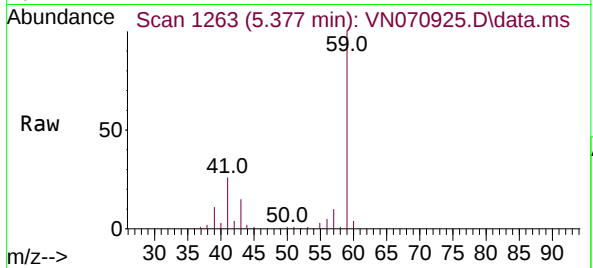
Tgt Ion:142 Resp: 149584
Ion Ratio Lower Upper
142 100
127 45.1 35.4 53.0
141 14.2 11.6 17.4





#11
Tert butyl alcohol
Concen: 100.740 ug/l
RT: 5.377 min Scan# 11
Delta R.T. -0.005 min
Lab File: VN070925.D
Acq: 3 Feb 2022 13:09

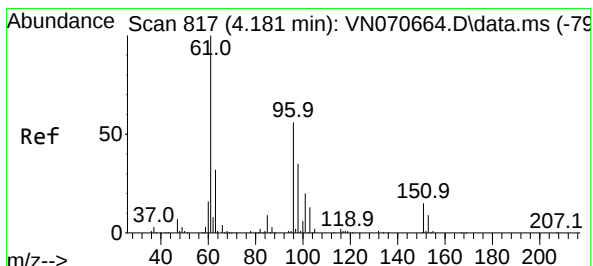
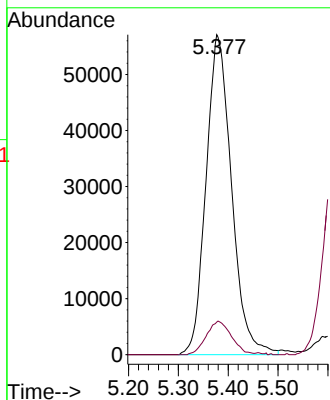
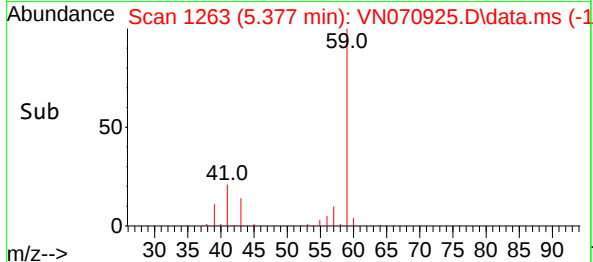
Instrument :
MSVOA_N
ClientSampleId :
VN0203MBS02



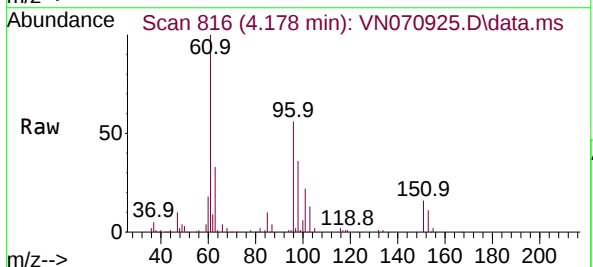
Tgt Ion: 59 Resp: 20288
Ion Ratio Lower Upper
59 100
57 10.3 8.7 13.1

Manual Integrations
APPROVED

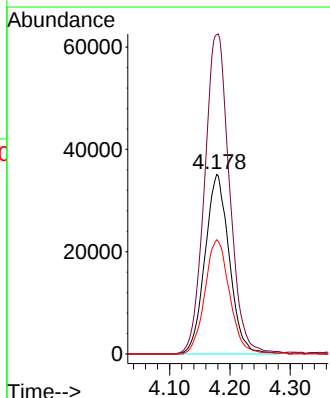
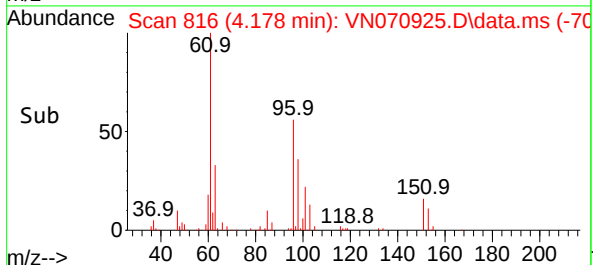
Reviewed By :John Carlone 02/07/2022
Supervised By :Mahesh Dadoda 02/08/2022



#12
1,1-Dichloroethene
Concen: 13.762 ug/l
RT: 4.178 min Scan# 816
Delta R.T. 0.003 min
Lab File: VN070925.D
Acq: 3 Feb 2022 13:09



Tgt Ion: 96 Resp: 98202
Ion Ratio Lower Upper
96 100
61 177.3 131.0 196.6
98 63.6 52.4 78.6





#13

Acrolein

Concen: 59.865 ug/l

RT: 4.041 min Scan# 70

Delta R.T. 0.002 min

Lab File: VN070925.D

Acq: 3 Feb 2022 13:09

Instrument :

MSVOA_N

ClientSampleId :

VN0203MBS02

Tgt Ion: 56 Resp: 132739

Ion Ratio Lower Upper

56 100

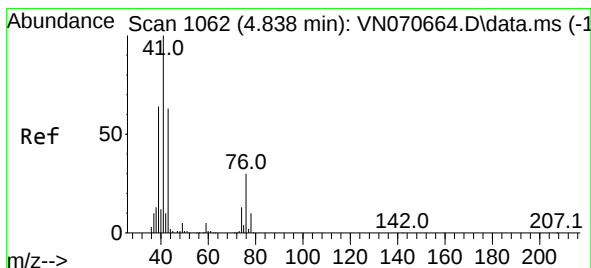
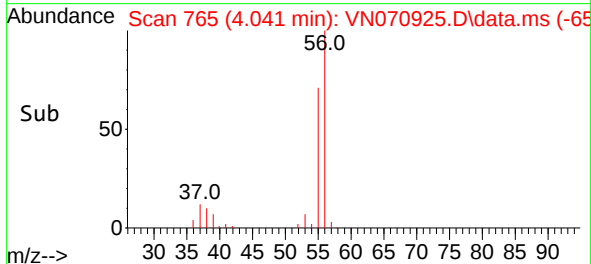
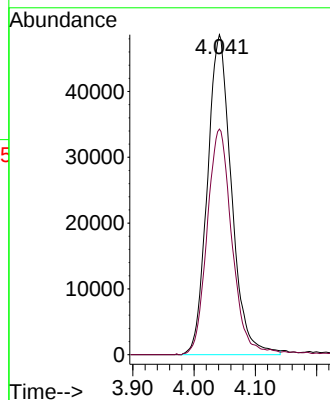
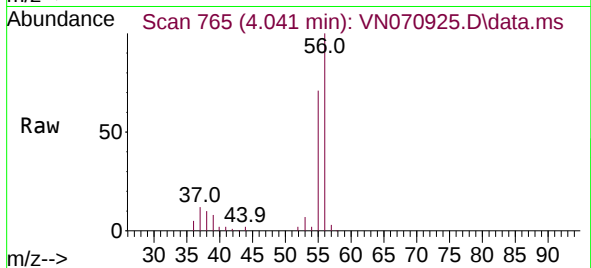
55 72.0 56.6 85.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/07/2022

Supervised By :Mahesh Dadoda 02/08/2022



#14

Allyl chloride

Concen: 13.703 ug/l

RT: 4.840 min Scan# 1063

Delta R.T. 0.002 min

Lab File: VN070925.D

Acq: 3 Feb 2022 13:09

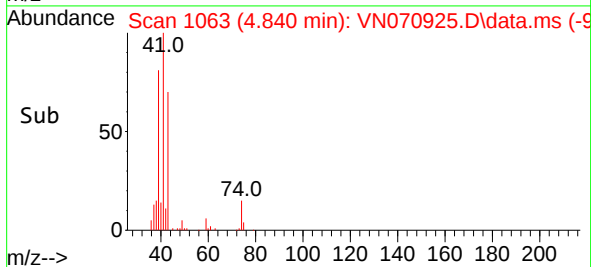
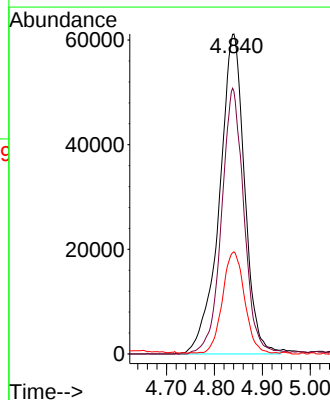
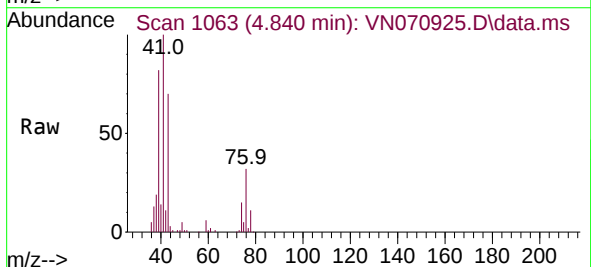
Tgt Ion: 41 Resp: 222752

Ion Ratio Lower Upper

41 100

39 74.2 61.2 91.8

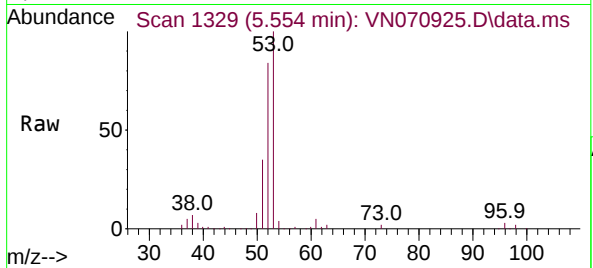
76 27.4 26.0 39.0





#15
Acrylonitrile
Concen: 105.292 ug/l
RT: 5.554 min Scan# 1329
Delta R.T. 0.003 min
Lab File: VN070925.D
Acq: 3 Feb 2022 13:09

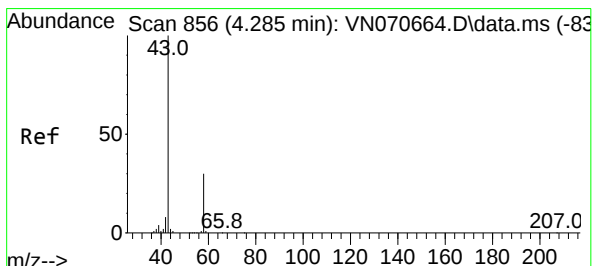
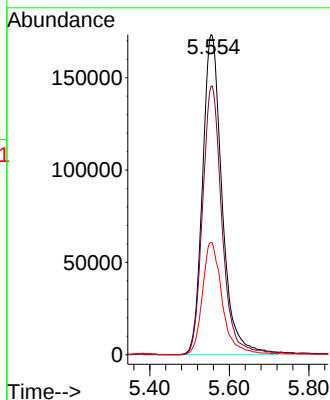
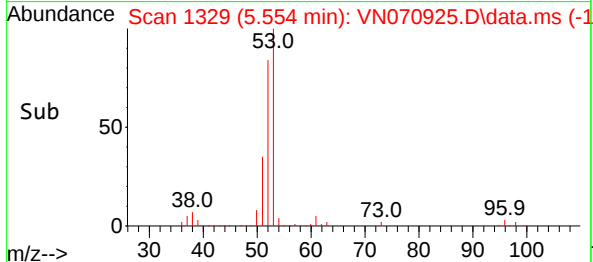
Instrument :
MSVOA_N
ClientSampleId :
VN0203MBS02



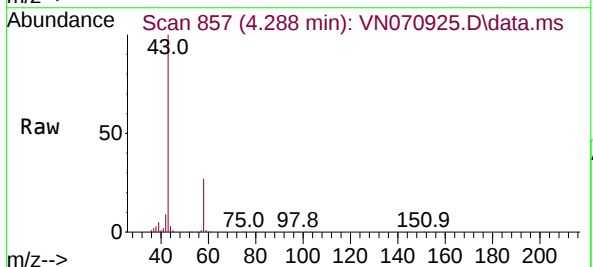
Tgt Ion: 53 Resp: 592190
Ion Ratio Lower Upper
53 100
52 82.3 66.2 99.2
51 35.6 29.6 44.4

Manual Integrations
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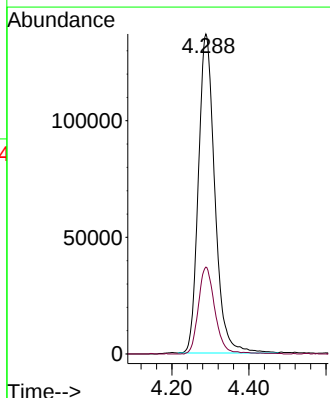
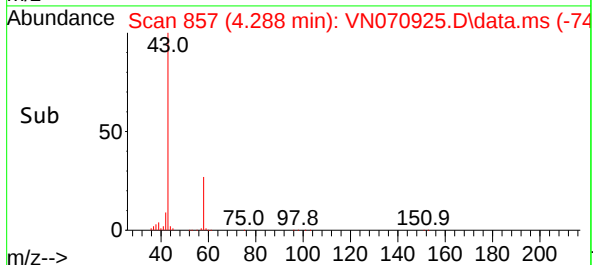
Reviewed By :John Carlone 02/07/2022
Supervised By :Mahesh Dadoda 02/08/2022

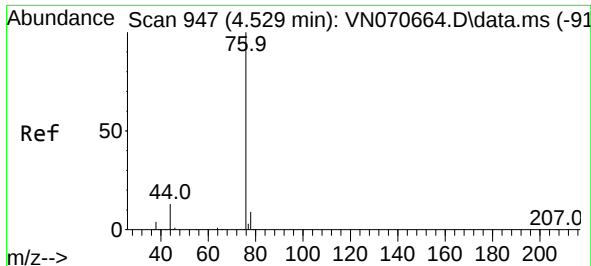


#16
Acetone
Concen: 70.548 ug/l
RT: 4.288 min Scan# 857
Delta R.T. 0.003 min
Lab File: VN070925.D
Acq: 3 Feb 2022 13:09



Tgt Ion: 43 Resp: 404318
Ion Ratio Lower Upper
43 100
58 27.3 23.1 34.7





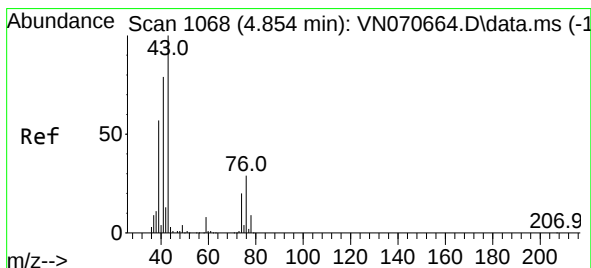
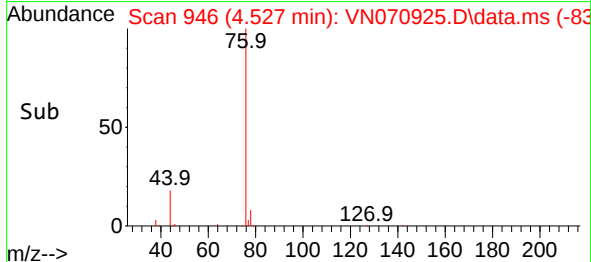
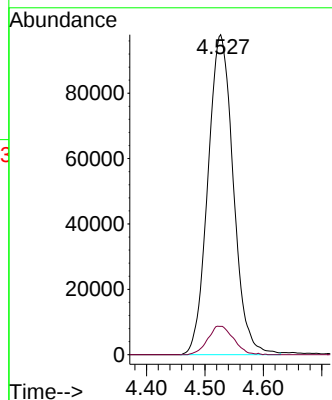
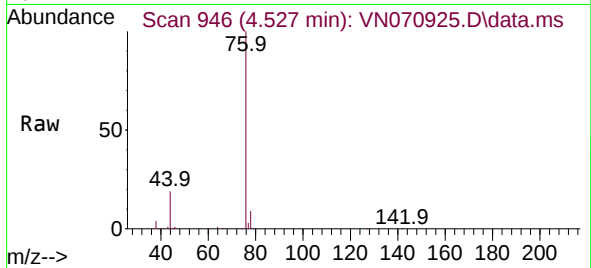
#17
Carbon Disulfide
Concen: 13.346 ug/l
RT: 4.527 min Scan# 947
Delta R.T. 0.003 min
Lab File: VN070925.D
Acq: 3 Feb 2022 13:09

Instrument :
MSVOA_N
ClientSampleId :
VN0203MBS02

Tgt Ion: 76 Resp: 295762
Ion Ratio Lower Upper
76 100
78 8.9 7.5 11.3

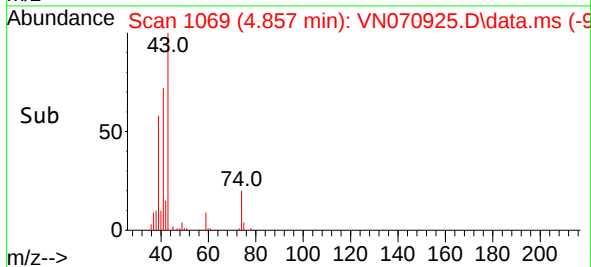
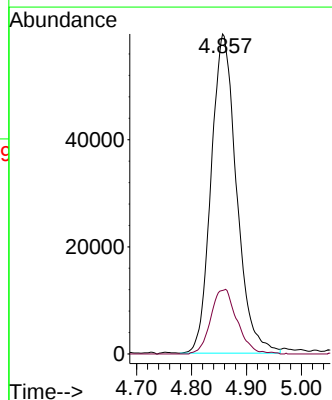
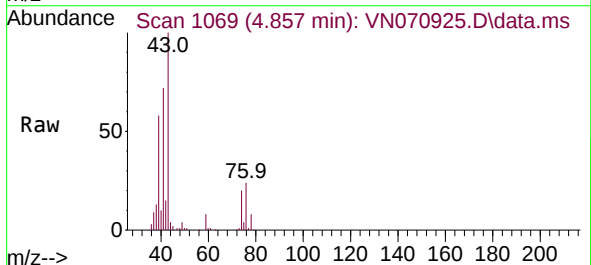
Manual Integrations
APPROVED

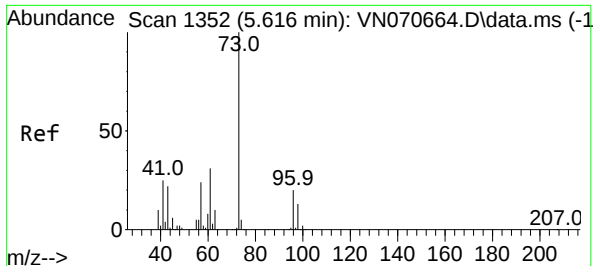
Reviewed By :John Carlone 02/07/2022
Supervised By :Mahesh Dadoda 02/08/2022



#18
Methyl Acetate
Concen: 14.317 ug/l
RT: 4.857 min Scan# 1069
Delta R.T. 0.003 min
Lab File: VN070925.D
Acq: 3 Feb 2022 13:09

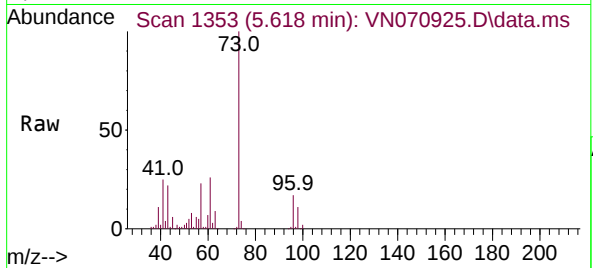
Tgt Ion: 43 Resp: 191431
Ion Ratio Lower Upper
43 100
74 20.7 19.4 29.2





#19
Methyl tert-butyl Ether
Concen: 20.858 ug/l
RT: 5.618 min Scan# 1157
Delta R.T. 0.002 min
Lab File: VN070925.D
Acq: 3 Feb 2022 13:09

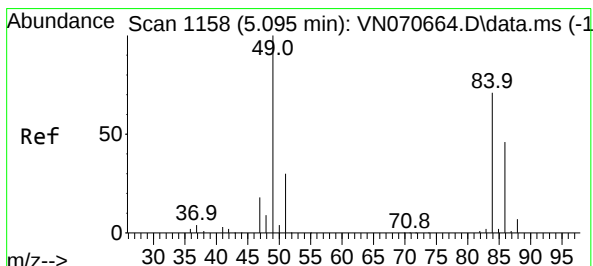
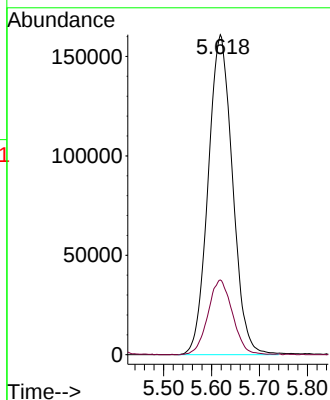
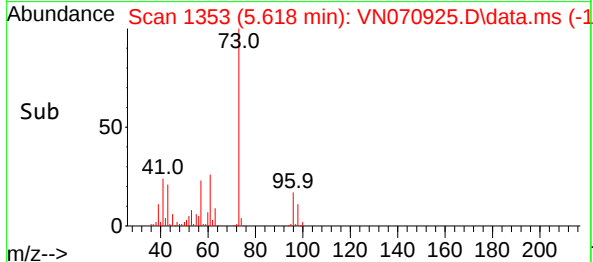
Instrument :
MSVOA_N
ClientSampleId :
VN0203MBS02



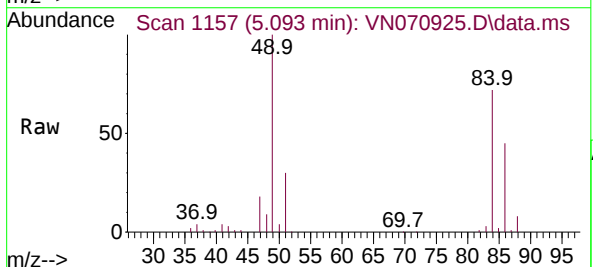
Tgt Ion: 73 Resp: 568250
Ion Ratio Lower Upper
73 100
57 23.4 16.8 25.2

Manual Integrations
APPROVED

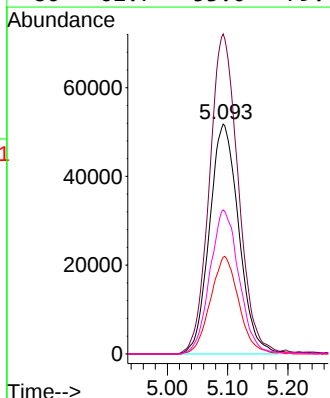
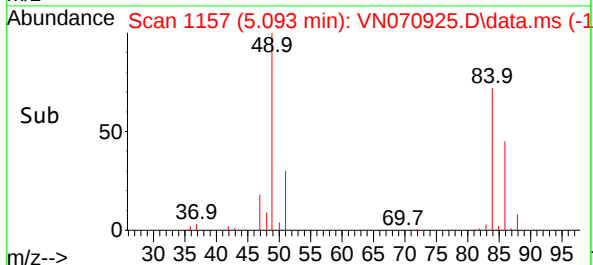
Reviewed By :John Carlone 02/07/2022
Supervised By :Mahesh Dadoda 02/08/2022



#20
Methylene Chloride
Concen: 20.073 ug/l
RT: 5.093 min Scan# 1157
Delta R.T. 0.003 min
Lab File: VN070925.D
Acq: 3 Feb 2022 13:09



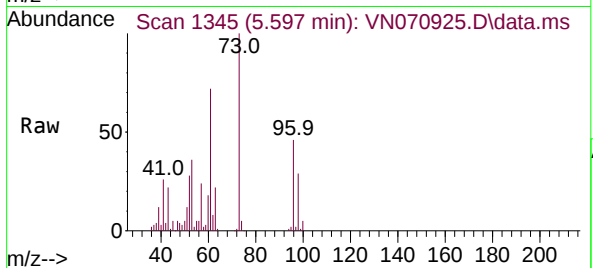
Tgt Ion: 84 Resp: 174698
Ion Ratio Lower Upper
84 100
49 139.2 93.5 140.3
51 42.1 29.4 44.2
86 62.7 53.0 79.4





#21
trans-1,2-Dichloroethene
Concen: 20.044 ug/l
RT: 5.597 min Scan# 11
Delta R.T. 0.003 min
Lab File: VN070925.D
Acq: 3 Feb 2022 13:09

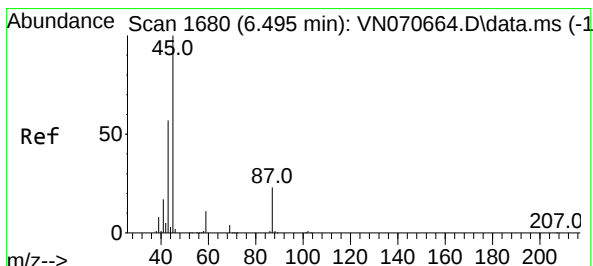
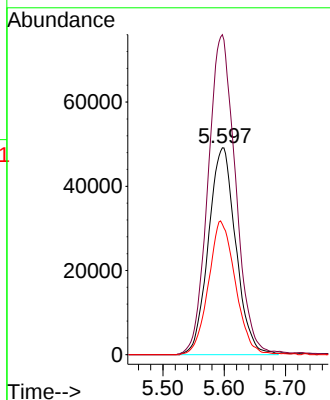
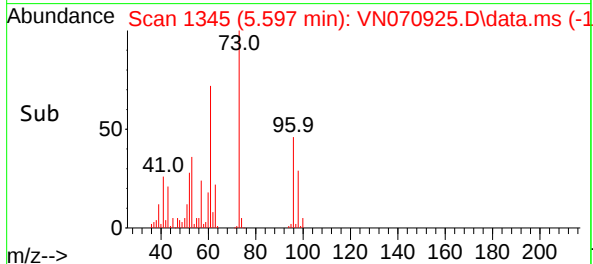
Instrument :
MSVOA_N
ClientSampleId :
VN0203MBS02



Tgt Ion: 96 Resp: 15249
Ion Ratio Lower Upper
96 100
61 154.3 105.8 158.6
98 63.0 52.0 78.0

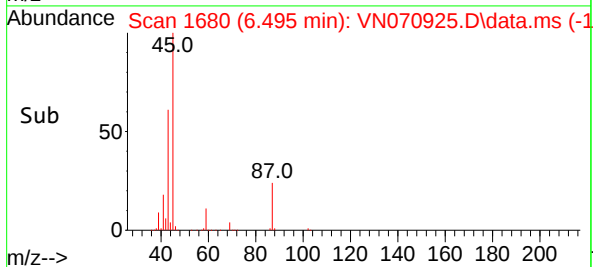
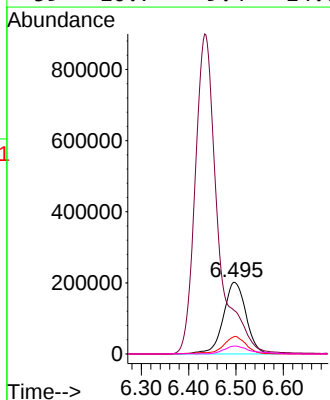
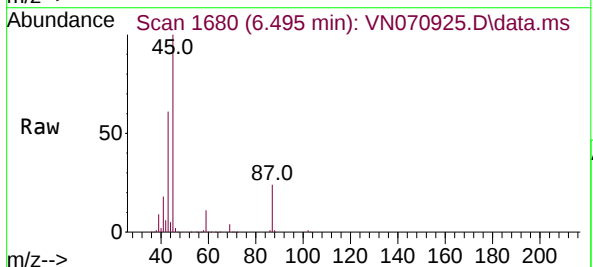
Manual Integrations
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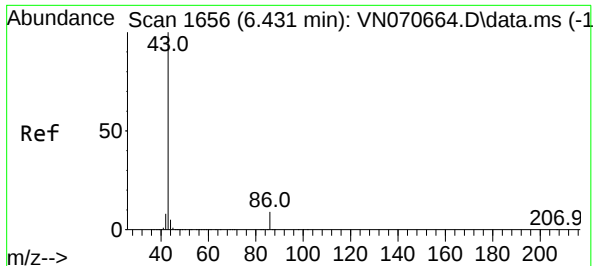
Reviewed By :John Carlone 02/07/2022
Supervised By :Mahesh Dadoda 02/08/2022



#22
Diisopropyl ether
Concen: 21.356 ug/l
RT: 6.495 min Scan# 1680
Delta R.T. 0.000 min
Lab File: VN070925.D
Acq: 3 Feb 2022 13:09

Tgt Ion: 45 Resp: 672427
Ion Ratio Lower Upper
45 100
43 58.8 51.7 77.5
87 23.8 23.2 34.8
59 10.7 9.4 14.0





#23

Vinyl Acetate

Concen: 106.787 ug/l

RT: 6.434 min Scan# 1657

Delta R.T. -0.000 min

Lab File: VN070925.D

Acq: 3 Feb 2022 13:09

Instrument :

MSVOA_N

ClientSampleId :

VN0203MBS02

Tgt Ion: 43 Resp: 297411

Ion Ratio Lower Upper

43 100

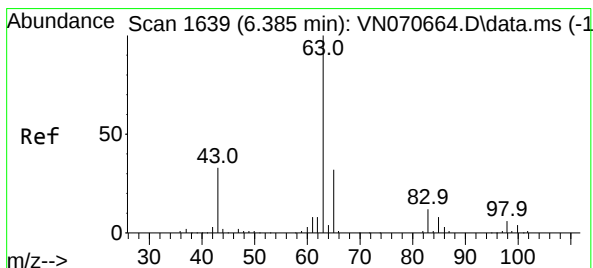
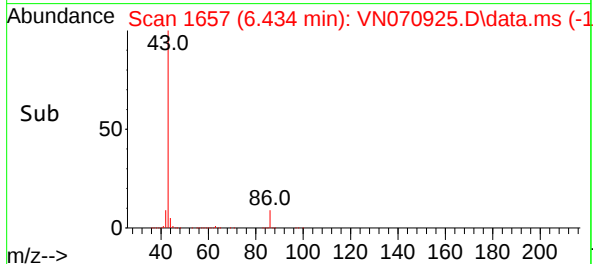
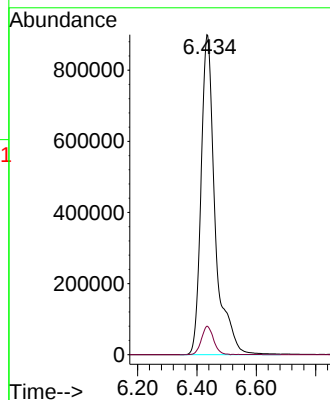
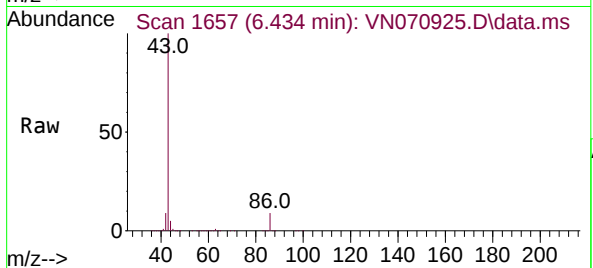
86 8.9 8.5 12.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/07/2022

Supervised By :Mahesh Dadoda 02/08/2022



#24

1,1-Dichloroethane

Concen: 20.411 ug/l

RT: 6.385 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VN070925.D

Acq: 3 Feb 2022 13:09

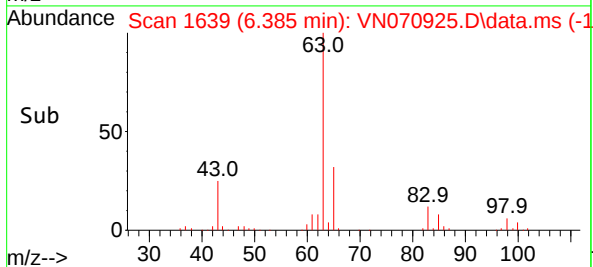
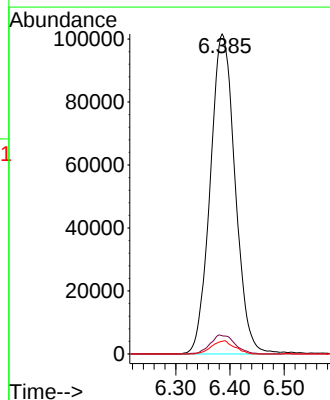
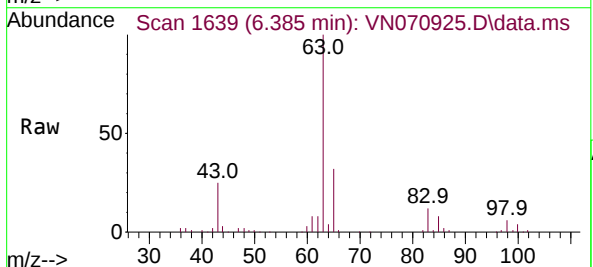
Tgt Ion: 63 Resp: 323604

Ion Ratio Lower Upper

63 100

98 5.7 3.3 9.9

100 3.9 2.1 6.5





#25

2-Butanone

Concen: 103.727 ug/l

RT: 7.337 min Scan# 1992

Delta R.T. 0.002 min

Lab File: VN070925.D

Acq: 3 Feb 2022 13:09

Instrument :

MSVOA_N

ClientSampleId :

VN0203MBS02

Tgt Ion: 43 Resp: 85808

Ion Ratio Lower Upper

43 100

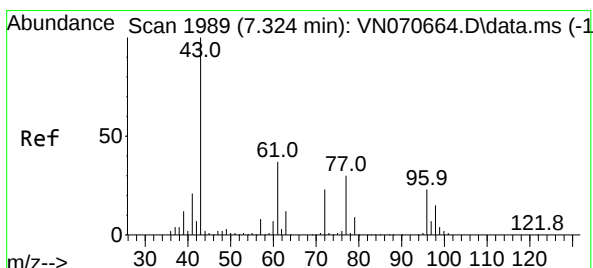
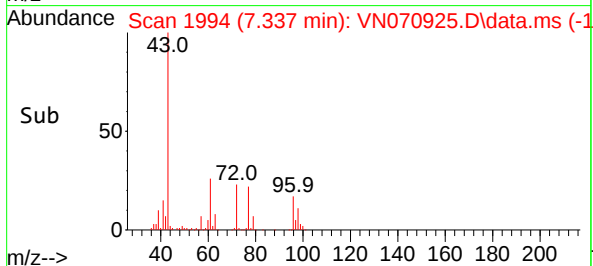
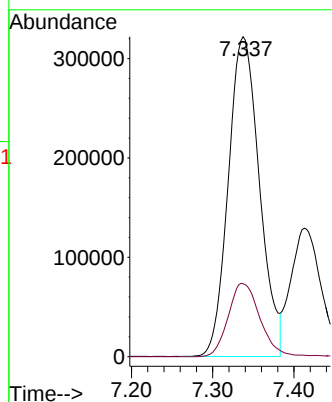
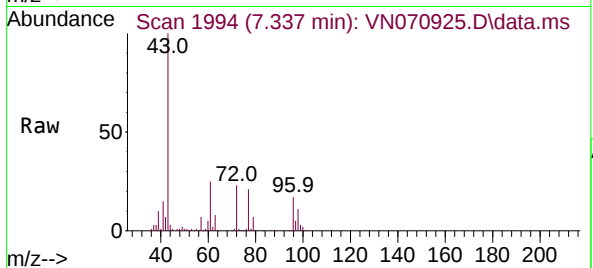
72 22.8 21.7 32.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/07/2022

Supervised By :Mahesh Dadoda 02/08/2022



#26

2,2-Dichloropropane

Concen: 19.782 ug/l

RT: 7.327 min Scan# 1990

Delta R.T. 0.006 min

Lab File: VN070925.D

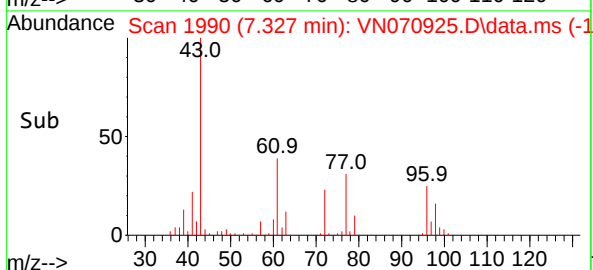
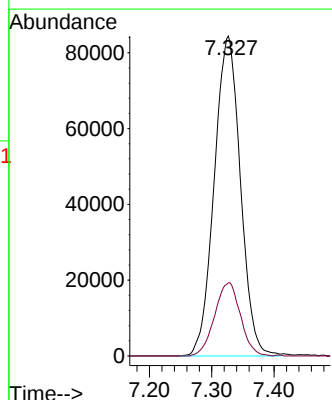
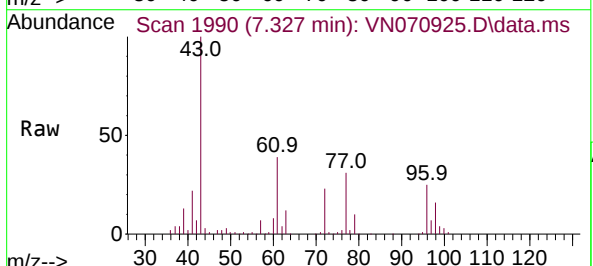
Acq: 3 Feb 2022 13:09

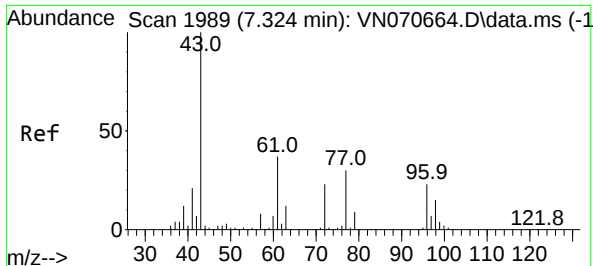
Tgt Ion: 77 Resp: 246306

Ion Ratio Lower Upper

77 100

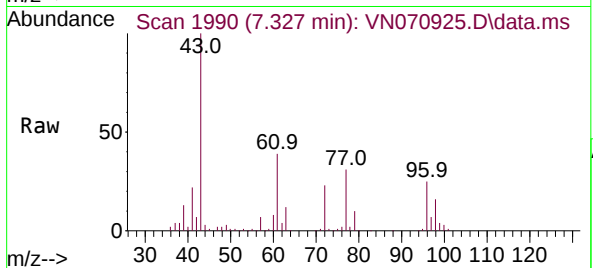
97 22.6 11.6 34.8





#27
 cis-1,2-Dichloroethene
 Concen: 20.142 ug/l
 RT: 7.327 min Scan# 1989
 Delta R.T. 0.003 min
 Lab File: VN070925.D
 Acq: 3 Feb 2022 13:09

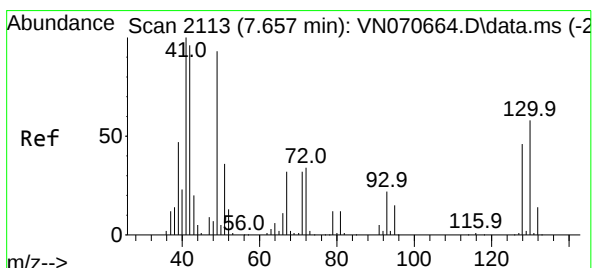
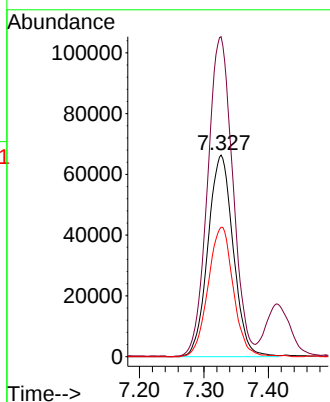
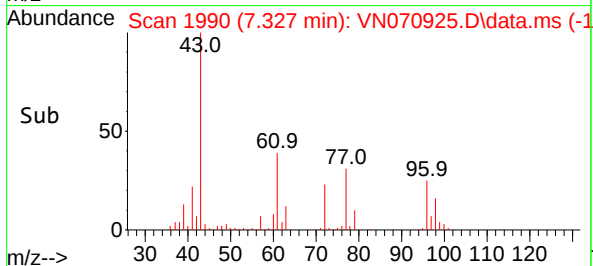
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0203MBS02



Tgt Ion: 96 Resp: 180986
 Ion Ratio Lower Upper
 96 100
 61 158.5 0.0 275.0
 98 63.9 0.0 129.6

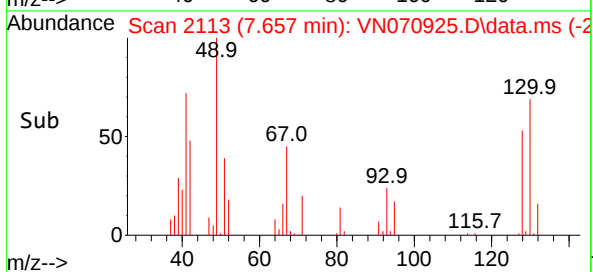
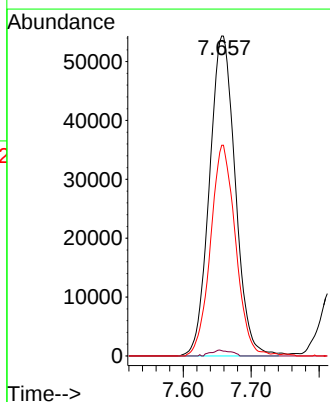
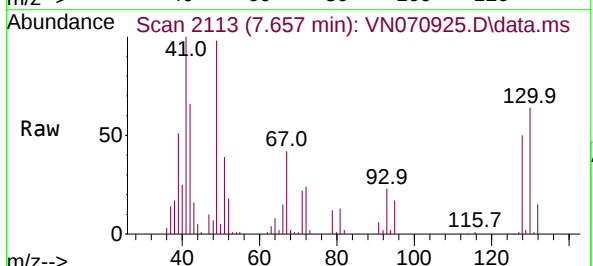
Manual Integrations
 APPROVED

Reviewed By :John Carlone 02/07/2022
 Supervised By :Mahesh Dadoda 02/08/2022



#28
 Bromochloromethane
 Concen: 20.712 ug/l
 RT: 7.657 min Scan# 2113
 Delta R.T. -0.000 min
 Lab File: VN070925.D
 Acq: 3 Feb 2022 13:09

Tgt Ion: 49 Resp: 143286
 Ion Ratio Lower Upper
 49 100
 129 1.4 0.0 4.0
 130 63.8 67.8 101.8#





#29

Tetrahydrofuran

Concen: 107.155 ug/l

RT: 7.686 min Scan# 2123

Delta R.T. 0.000 min

Lab File: VN070925.D

Acq: 3 Feb 2022 13:09

Instrument :

MSVOA_N

ClientSampleId :

VN0203MBS02

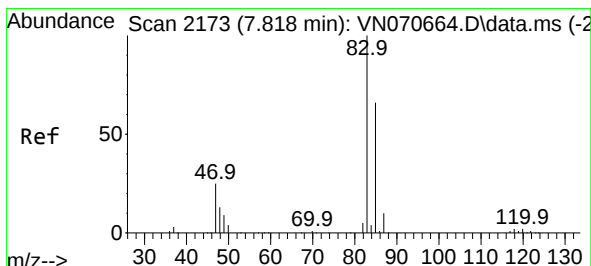
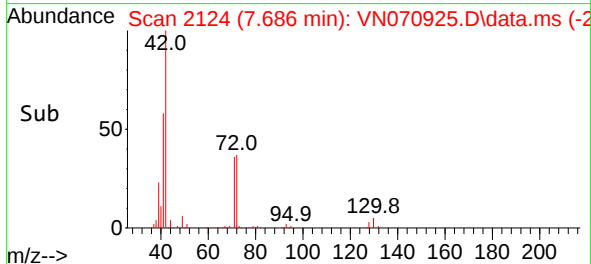
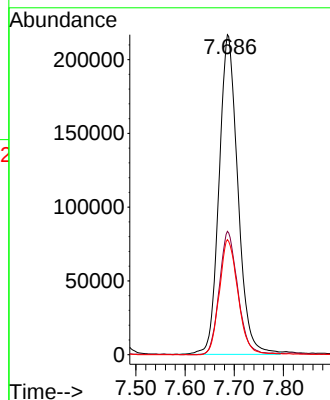
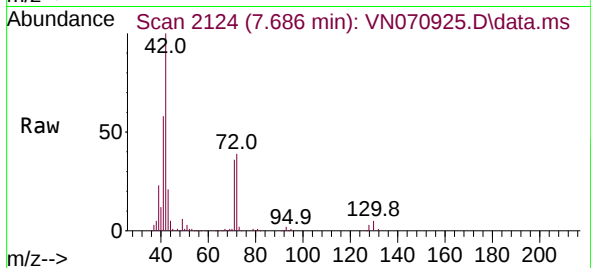
Tgt Ion: 42 Resp: 575789
 Ion Ratio Lower Upper
 42 100
 72 38.0 36.3 54.5
 71 35.8 34.7 52.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/07/2022

Supervised By :Mahesh Dadoda 02/08/2022



#30

Chloroform

Concen: 20.437 ug/l

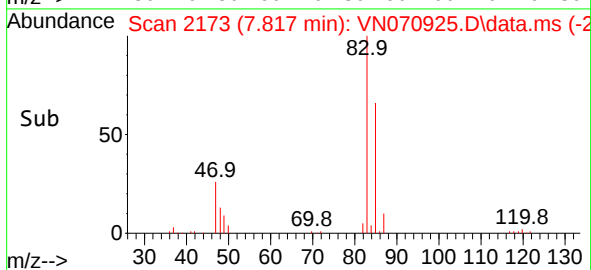
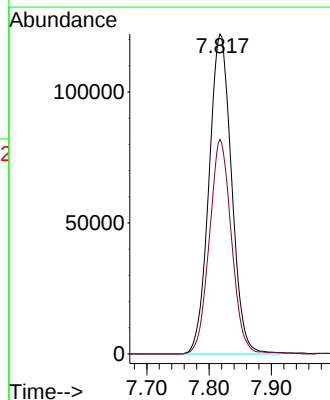
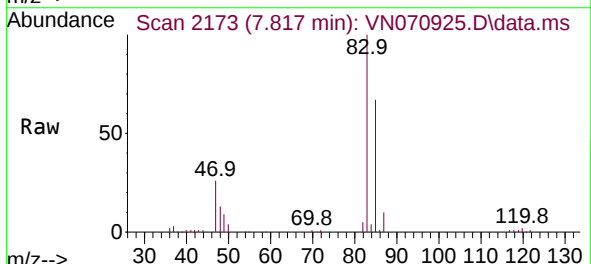
RT: 7.817 min Scan# 2173

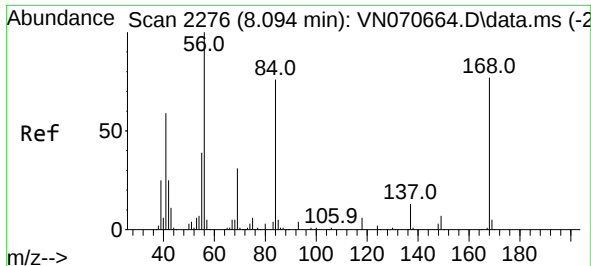
Delta R.T. -0.001 min

Lab File: VN070925.D

Acq: 3 Feb 2022 13:09

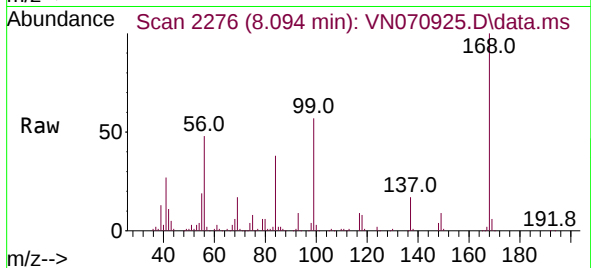
Tgt Ion: 83 Resp: 308239
 Ion Ratio Lower Upper
 83 100
 85 67.1 51.9 77.9





#31
Cyclohexane
Concen: 20.285 ug/l
RT: 8.094 min Scan# 2276
Delta R.T. -0.000 min
Lab File: VN070925.D
Acq: 3 Feb 2022 13:09

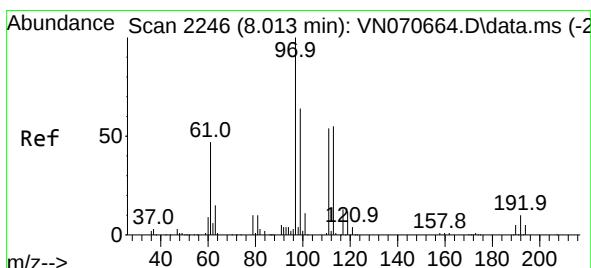
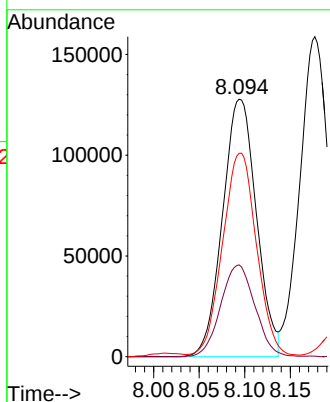
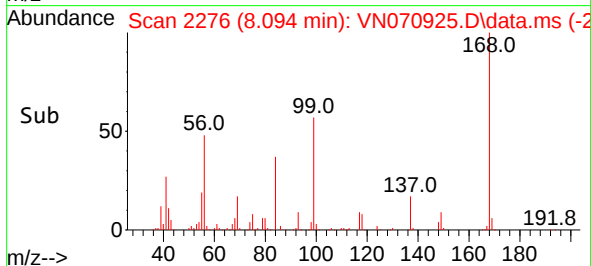
Instrument :
MSVOA_N
ClientSampleId :
VN0203MBS02



Tgt Ion: 56 Resp: 330339
Ion Ratio Lower Upper
56 100
69 35.7 27.1 40.7
84 77.9 73.4 110.0

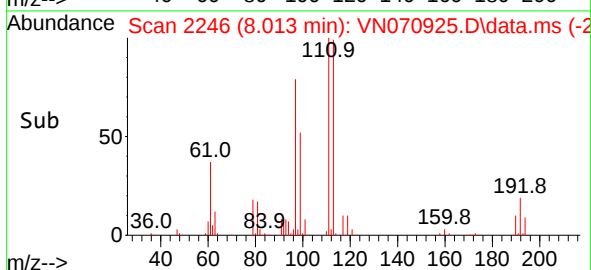
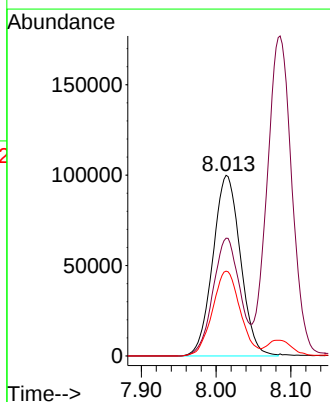
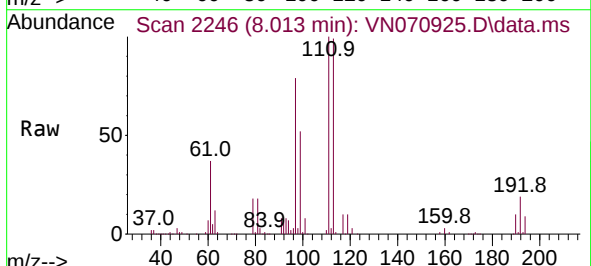
Manual Integrations
APPROVED

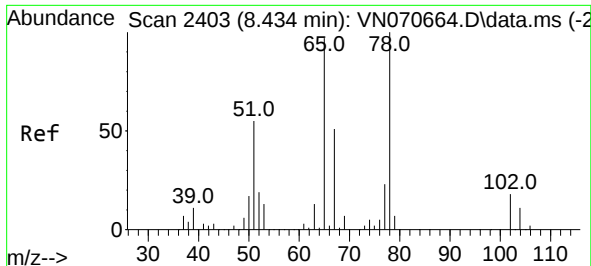
Reviewed By :John Carlone 02/07/2022
Supervised By :Mahesh Dadoda 02/08/2022



#32
1,1,1-Trichloroethane
Concen: 20.121 ug/l
RT: 8.013 min Scan# 2246
Delta R.T. 0.000 min
Lab File: VN070925.D
Acq: 3 Feb 2022 13:09

Tgt Ion: 97 Resp: 256154
Ion Ratio Lower Upper
97 100
99 62.9 50.1 75.1
61 47.2 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 49.489 ug/l

RT: 8.437 min Scan# 2403

Delta R.T. -0.000 min

Lab File: VN070925.D

Acq: 3 Feb 2022 13:09

Instrument :

MSVOA_N

ClientSampleId :

VN0203MBS02

Tgt Ion: 65 Resp: 474329

Ion Ratio Lower Upper

65 100

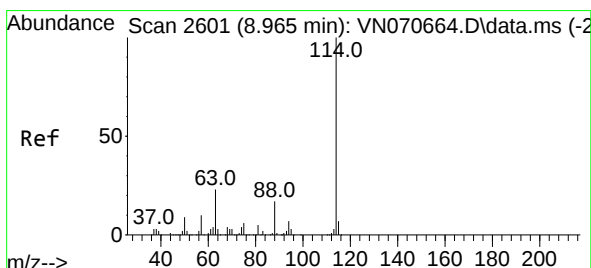
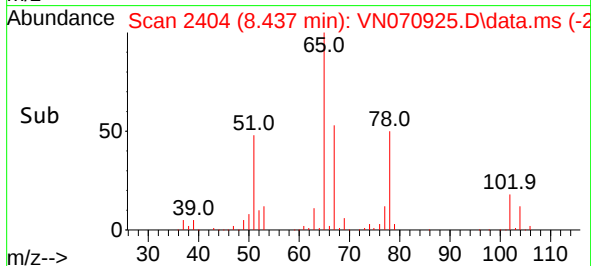
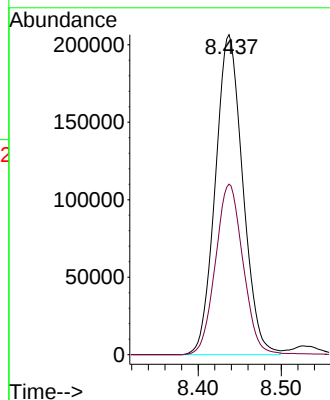
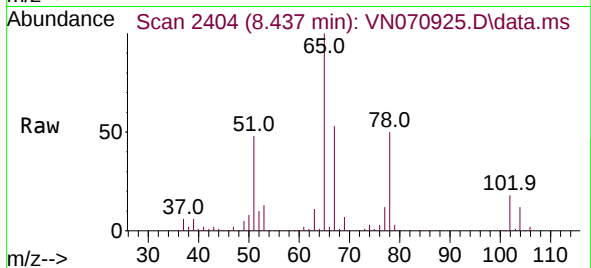
67 53.5 0.0 103.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/07/2022

Supervised By :Mahesh Dadoda 02/08/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.968 min Scan# 2602

Delta R.T. 0.003 min

Lab File: VN070925.D

Acq: 3 Feb 2022 13:09

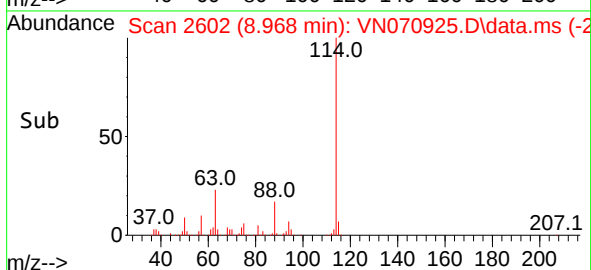
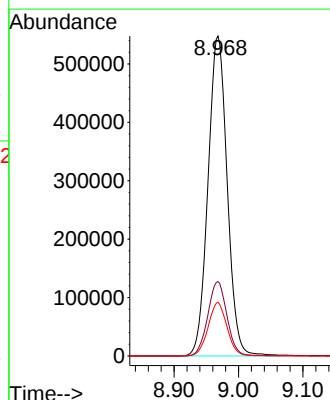
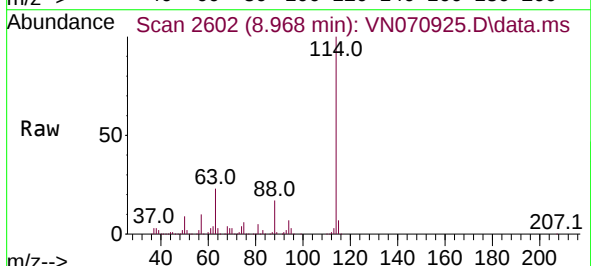
Tgt Ion:114 Resp: 1134514

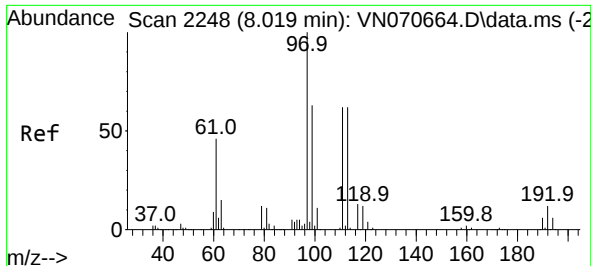
Ion Ratio Lower Upper

114 100

63 23.2 0.0 37.8

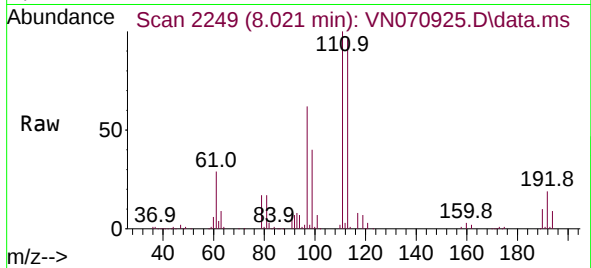
88 16.8 0.0 27.4





#35
Dibromofluoromethane
Concen: 51.214 ug/l
RT: 8.021 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN070925.D
Acq: 3 Feb 2022 13:09

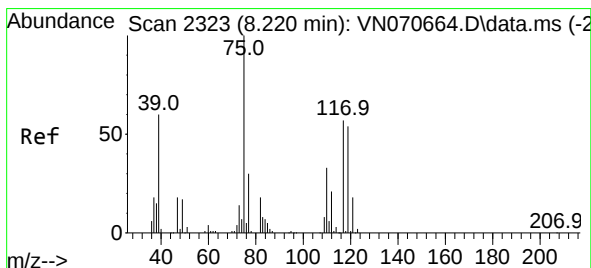
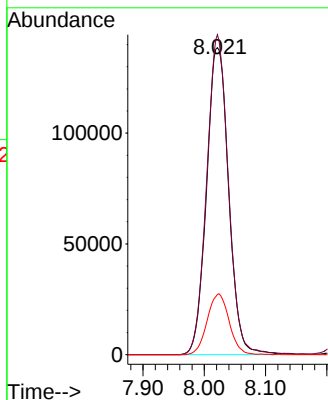
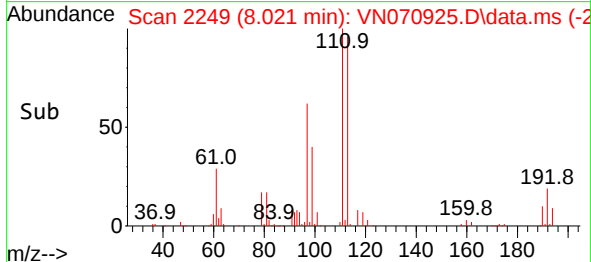
Instrument :
MSVOA_N
ClientSampleId :
VN0203MBS02



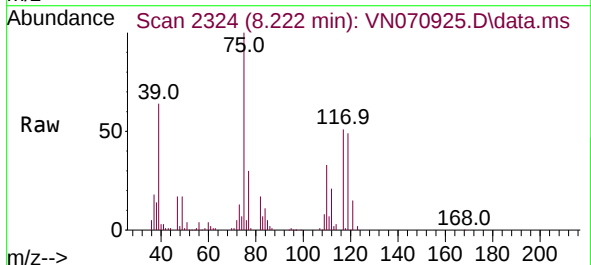
Tgt Ion: 113 Resp: 348070
Ion Ratio Lower Upper
113 100
111 102.5 82.2 123.2
192 19.6 16.9 25.3

Manual Integrations
APPROVED

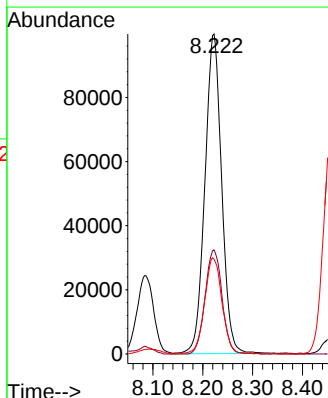
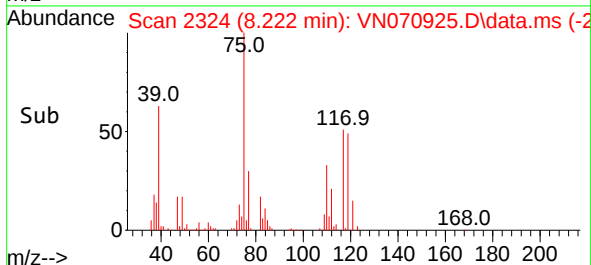
Reviewed By :John Carlone 02/07/2022
Supervised By :Mahesh Dadoda 02/08/2022

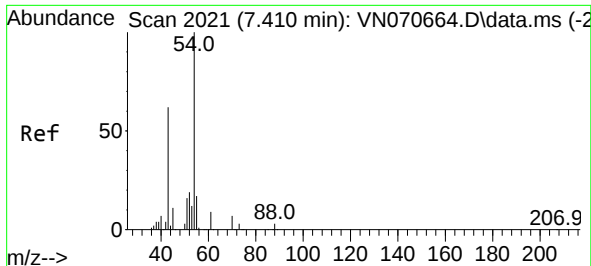


#36
1,1-Dichloropropene
Concen: 21.053 ug/l
RT: 8.222 min Scan# 2324
Delta R.T. 0.002 min
Lab File: VN070925.D
Acq: 3 Feb 2022 13:09



Tgt Ion: 75 Resp: 232444
Ion Ratio Lower Upper
75 100
110 33.0 18.4 55.2
77 31.5 24.4 36.6





#37

Ethyl Acetate

Concen: 21.880 ug/l

RT: 7.412 min Scan# 20

Delta R.T. -0.001 min

Lab File: VN070925.D

Acq: 3 Feb 2022 13:09

Instrument :

MSVOA_N

ClientSampleId :

VN0203MBS02

Tgt Ion: 43 Resp: 332949

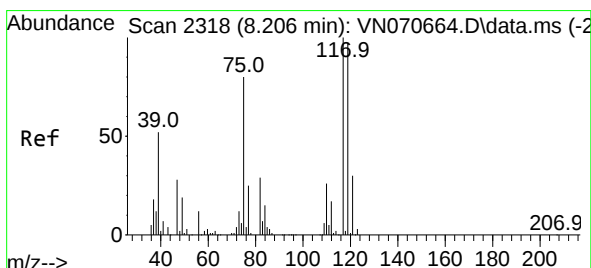
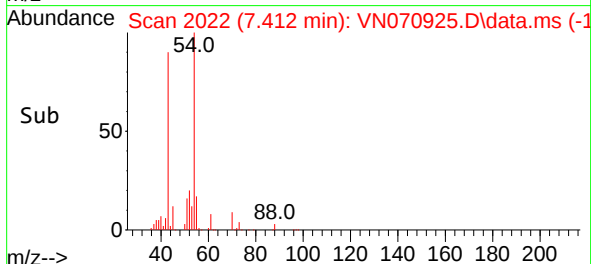
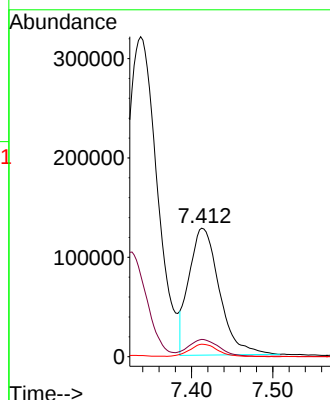
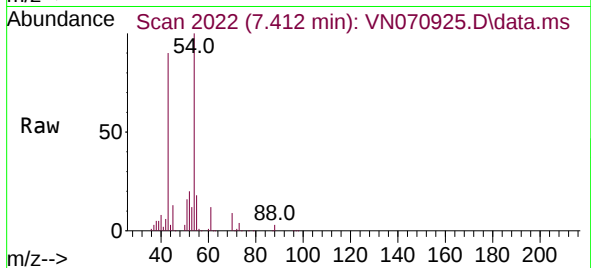
Ion	Ratio	Lower	Upper
43	100		
61	13.4	11.5	17.3
70	8.4	7.9	11.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/07/2022

Supervised By :Mahesh Dadoda 02/08/2022



#38

Carbon Tetrachloride

Concen: 20.820 ug/l

RT: 8.204 min Scan# 2317

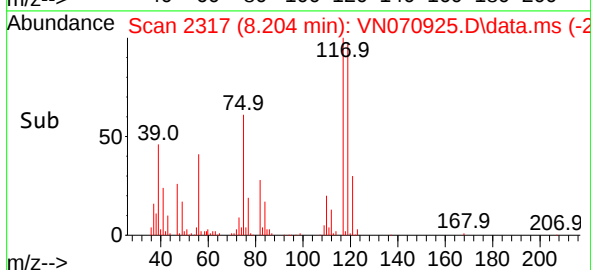
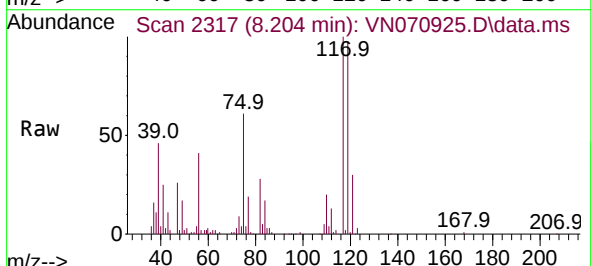
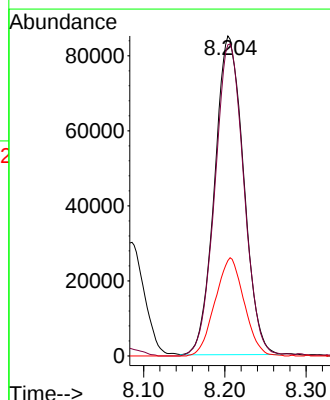
Delta R.T. -0.002 min

Lab File: VN070925.D

Acq: 3 Feb 2022 13:09

Tgt Ion:117 Resp: 209934

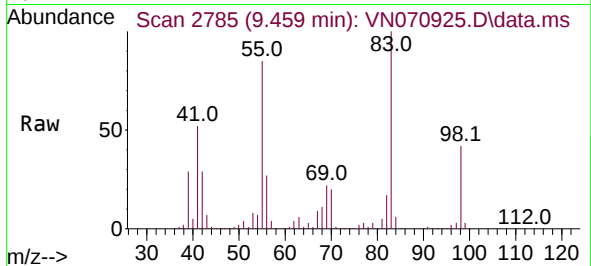
Ion	Ratio	Lower	Upper
117	100		
119	97.7	76.1	114.1
121	30.0	24.2	36.2





#39
Methylcyclohexane
Concen: 21.332 ug/l
RT: 9.459 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN070925.D
Acq: 3 Feb 2022 13:09

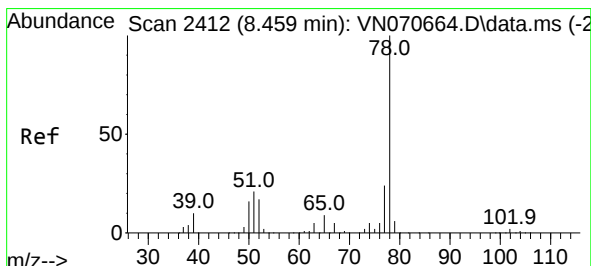
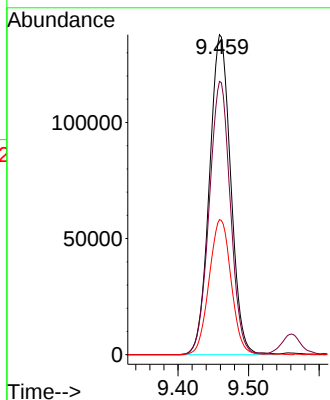
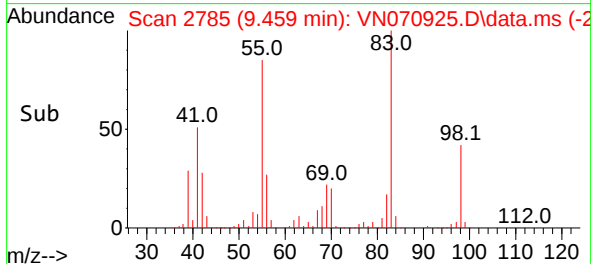
Instrument :
MSVOA_N
ClientSampleId :
VN0203MBS02



Tgt Ion: 83 Resp: 289540
Ion Ratio Lower Upper
83 100
55 85.4 58.1 87.1
98 42.2 38.4 57.6

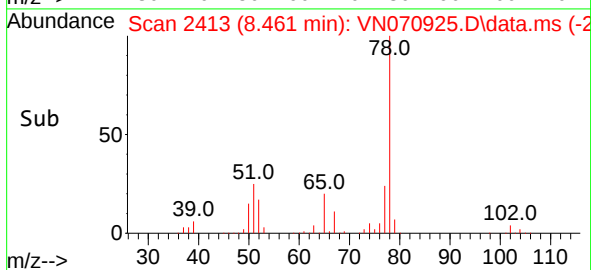
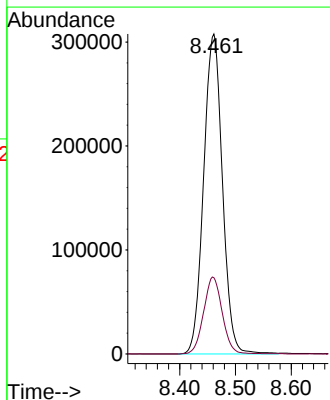
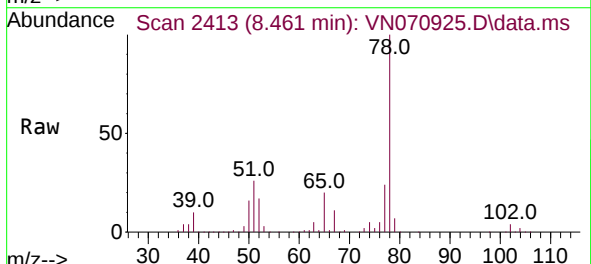
Manual Integrations
APPROVED

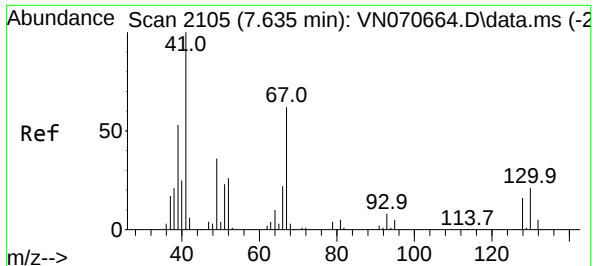
Reviewed By :John Carlone 02/07/2022
Supervised By :Mahesh Dadoda 02/08/2022



#40
Benzene
Concen: 20.771 ug/l
RT: 8.461 min Scan# 2413
Delta R.T. 0.002 min
Lab File: VN070925.D
Acq: 3 Feb 2022 13:09

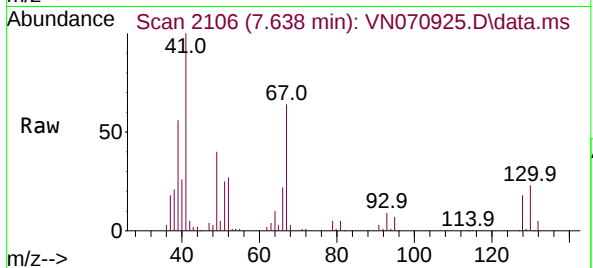
Tgt Ion: 78 Resp: 720497
Ion Ratio Lower Upper
78 100
77 23.9 18.6 27.8





#41
Methacrylonitrile
Concen: 20.923 ug/l
RT: 7.638 min Scan# 2105
Delta R.T. 0.003 min
Lab File: VN070925.D
Acq: 3 Feb 2022 13:09

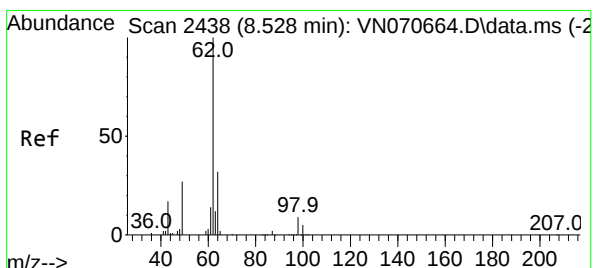
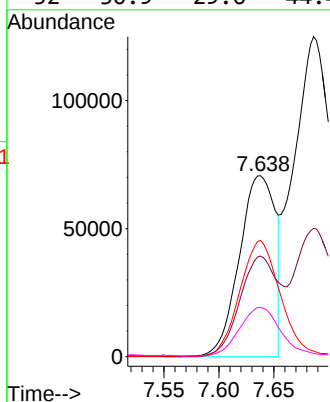
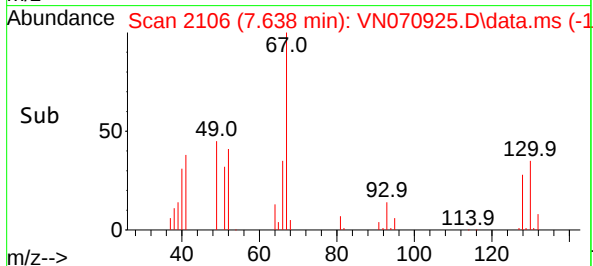
Instrument :
MSVOA_N
ClientSampleId :
VN0203MBS02



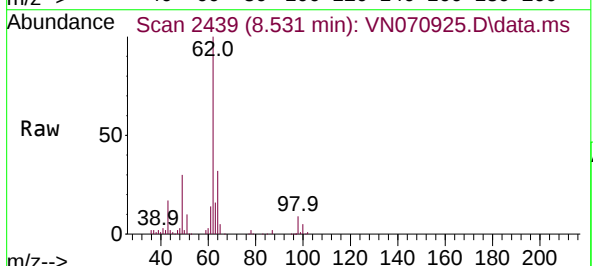
Tgt Ion: 41 Resp: 159979
Ion Ratio Lower Upper
41 100
39 62.1 48.1 72.1
67 73.8 68.3 102.5
52 30.9 29.6 44.4

Manual Integrations
APPROVED

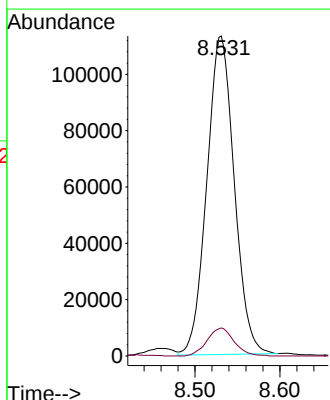
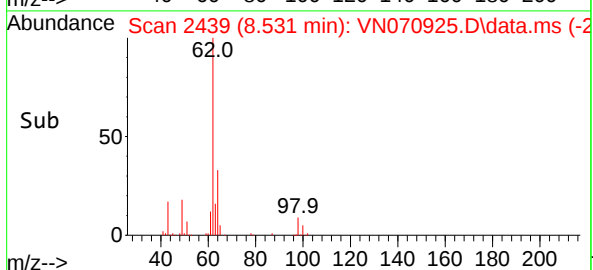
Reviewed By :John Carlone 02/07/2022
Supervised By :Mahesh Dadoda 02/08/2022



#42
1,2-Dichloroethane
Concen: 21.506 ug/l
RT: 8.531 min Scan# 2439
Delta R.T. 0.003 min
Lab File: VN070925.D
Acq: 3 Feb 2022 13:09



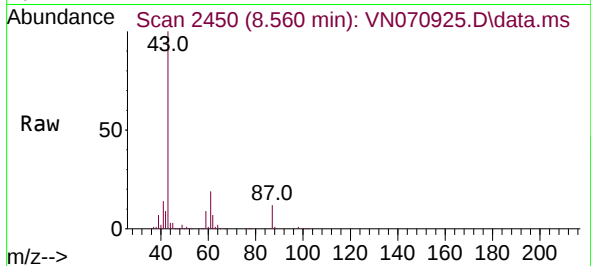
Tgt Ion: 62 Resp: 253956
Ion Ratio Lower Upper
62 100
98 8.6 0.0 17.6





#43
Isopropyl Acetate
Concen: 20.172 ug/l
RT: 8.560 min Scan# 2450
Delta R.T. 0.000 min
Lab File: VN070925.D
Acq: 3 Feb 2022 13:09

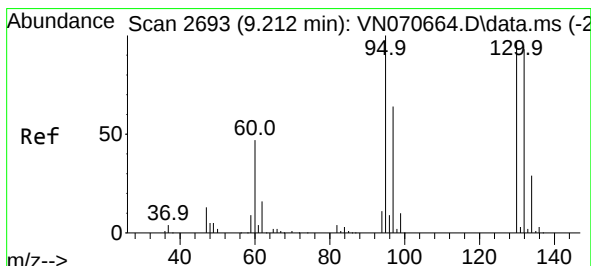
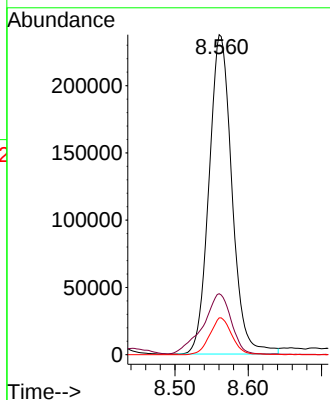
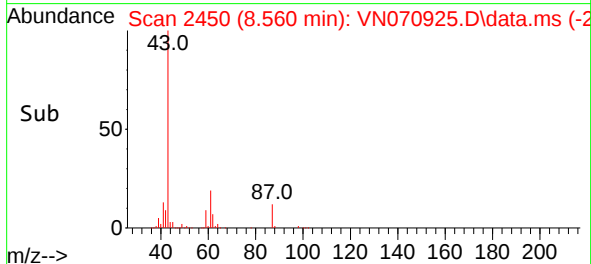
Instrument :
MSVOA_N
ClientSampleId :
VN0203MBS02



Tgt Ion: 43 Resp: 51603
Ion Ratio Lower Upper
43 100
61 23.2 20.4 30.6
87 11.2 11.2 16.8

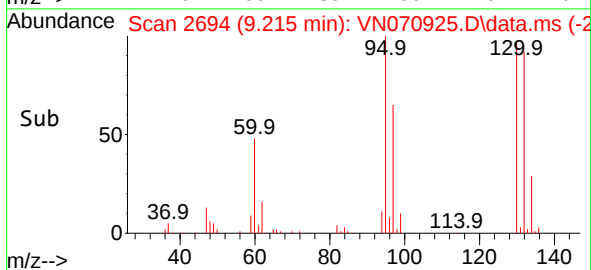
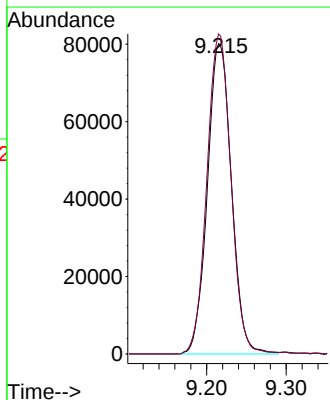
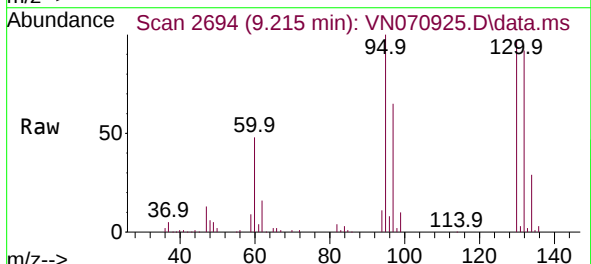
Manual Integrations
APPROVED

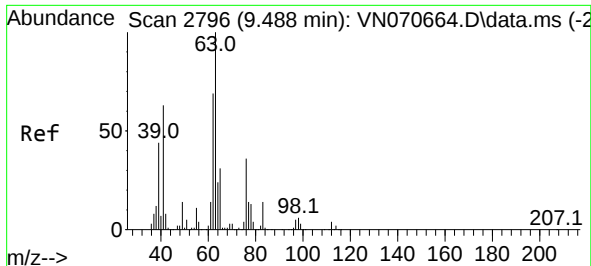
Reviewed By :John Carlone 02/07/2022
Supervised By :Mahesh Dadoda 02/08/2022



#44
Trichloroethene
Concen: 20.997 ug/l
RT: 9.215 min Scan# 2694
Delta R.T. -0.000 min
Lab File: VN070925.D
Acq: 3 Feb 2022 13:09

Tgt Ion:130 Resp: 168536
Ion Ratio Lower Upper
130 100
95 103.2 0.0 191.2





#45

1,2-Dichloropropane

Concen: 21.474 ug/l

RT: 9.488 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN070925.D

Acq: 3 Feb 2022 13:09

Instrument :

MSVOA_N

ClientSampleId :

VN0203MBS02

Tgt Ion: 63 Resp: 19946

Ion Ratio Lower Upper

63 100

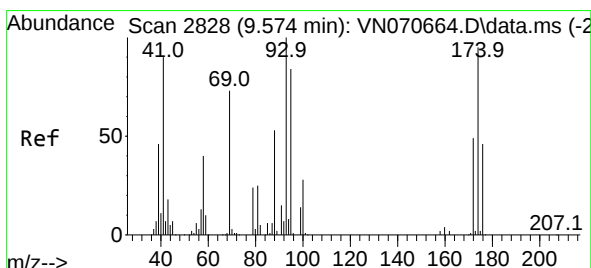
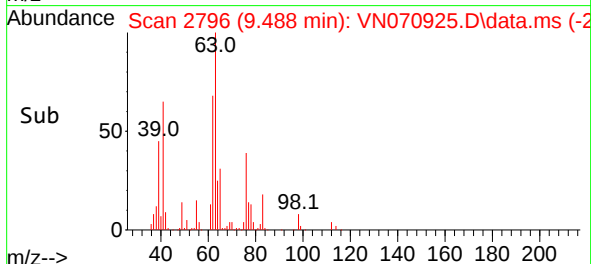
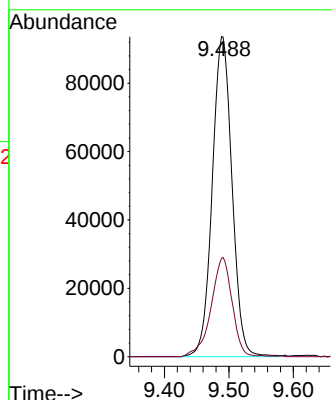
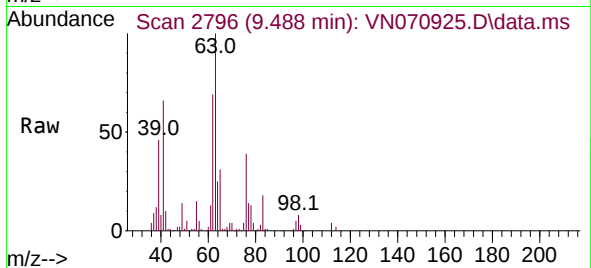
65 30.7 24.7 37.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/07/2022

Supervised By :Mahesh Dadoda 02/08/2022



#46

Dibromomethane

Concen: 21.620 ug/l

RT: 9.577 min Scan# 2829

Delta R.T. -0.000 min

Lab File: VN070925.D

Acq: 3 Feb 2022 13:09

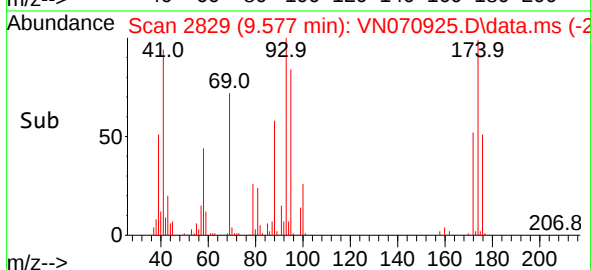
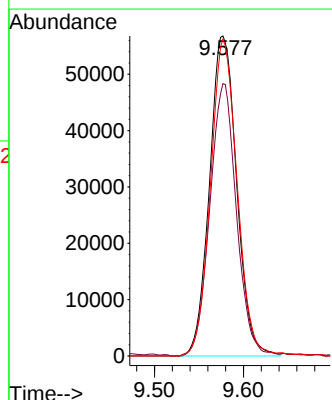
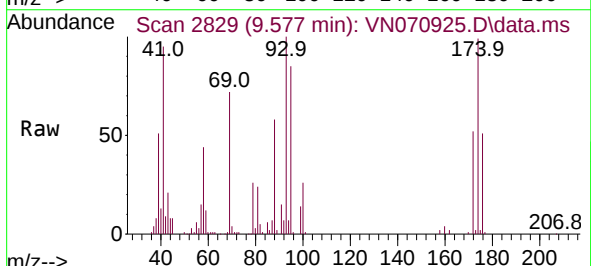
Tgt Ion: 93 Resp: 120305

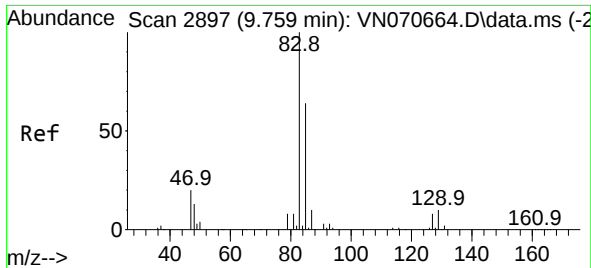
Ion Ratio Lower Upper

93 100

95 83.3 65.9 98.9

174 96.8 84.6 127.0





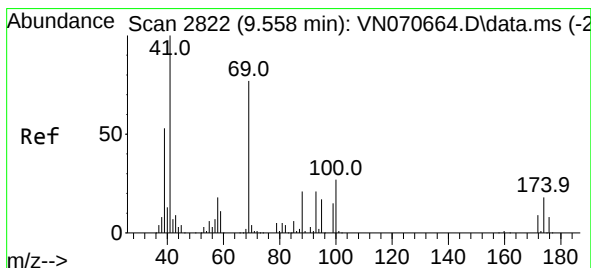
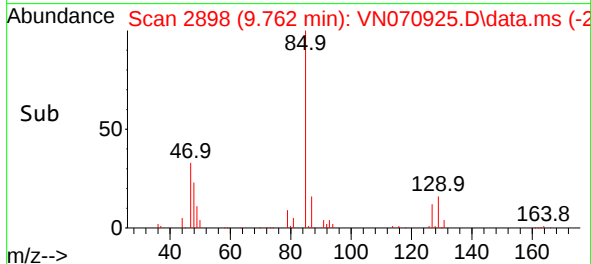
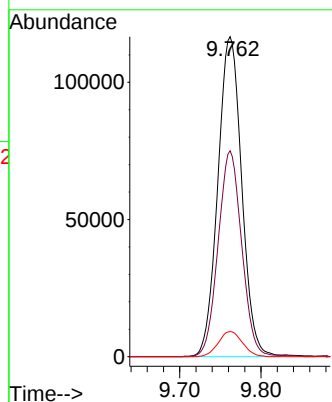
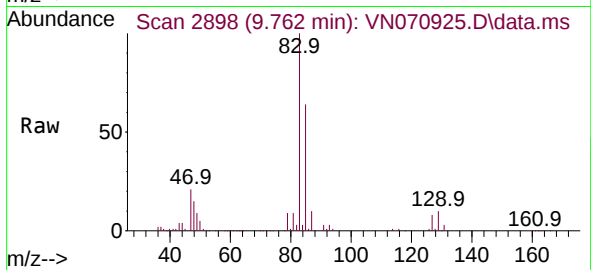
#47
Bromodichloromethane
Concen: 21.216 ug/l
RT: 9.762 min Scan# 2898
Delta R.T. -0.000 min
Lab File: VN070925.D
Acq: 3 Feb 2022 13:09

Instrument :
MSVOA_N
ClientSampleId :
VN0203MBS02

Tgt Ion: 83 Resp: 237798
Ion Ratio Lower Upper
83 100
85 64.3 50.9 76.3
127 7.8 7.1 10.7

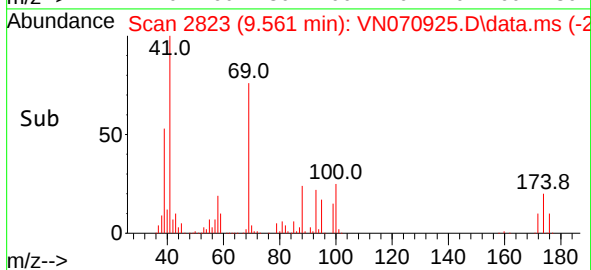
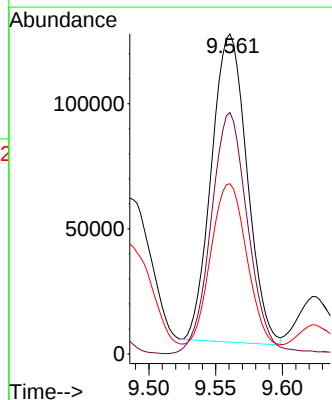
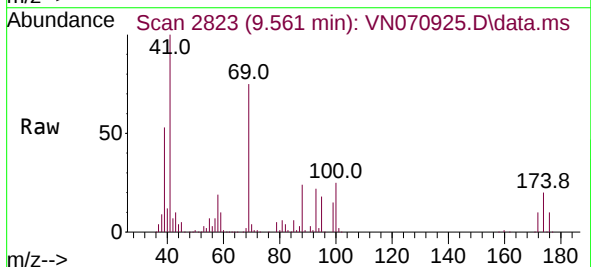
Manual Integrations
APPROVED

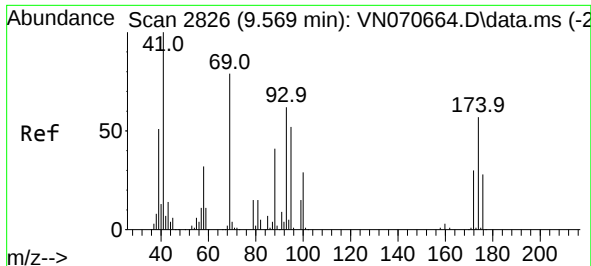
Reviewed By :John Carlone 02/07/2022
Supervised By :Mahesh Dadoda 02/08/2022



#48
Methyl methacrylate
Concen: 20.716 ug/l
RT: 9.561 min Scan# 2823
Delta R.T. 0.003 min
Lab File: VN070925.D
Acq: 3 Feb 2022 13:09

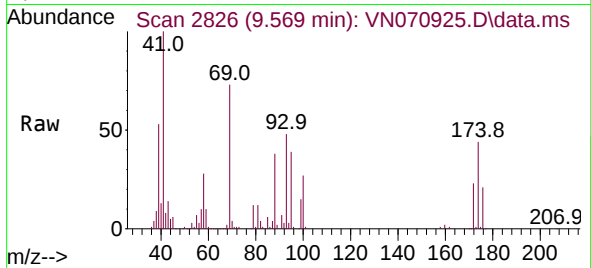
Tgt Ion: 41 Resp: 228480
Ion Ratio Lower Upper
41 100
69 81.4 72.4 108.6
39 53.0 58.4 87.6





#49
1,4-Dioxane
Concen: 440.579 ug/l
RT: 9.569 min Scan# 2826
Delta R.T. -0.000 min
Lab File: VN070925.D
Acq: 3 Feb 2022 13:09

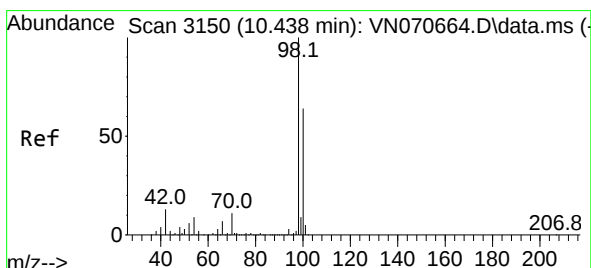
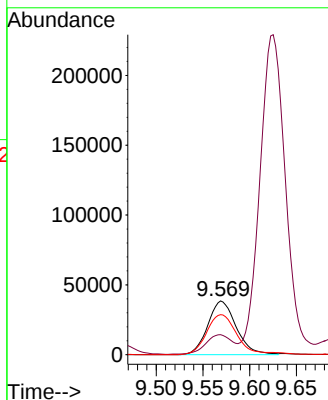
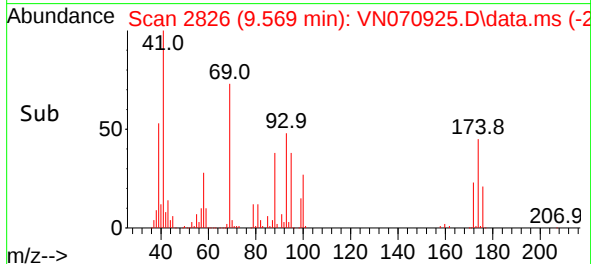
Instrument :
MSVOA_N
ClientSampleId :
VN0203MBS02



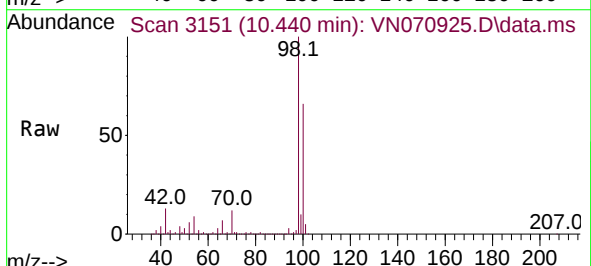
Tgt Ion: 88 Resp: 81400
Ion Ratio Lower Upper
88 100
43 34.5 23.4 35.2
58 80.8 50.6 75.8

Manual Integrations
APPROVED

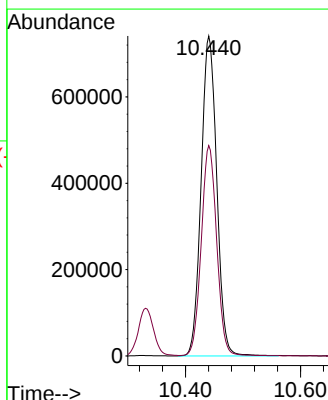
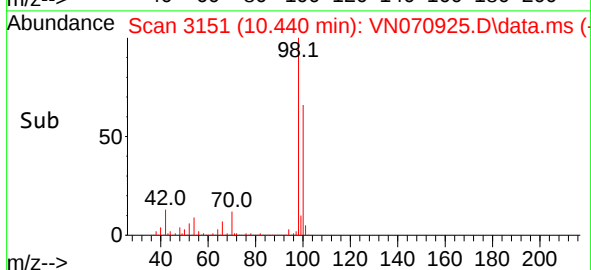
Reviewed By :John Carlone 02/07/2022
Supervised By :Mahesh Dadoda 02/08/2022

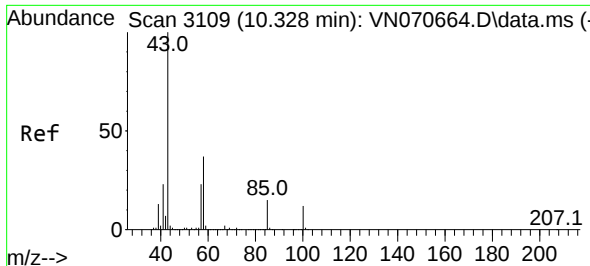


#50
Toluene-d8
Concen: 50.043 ug/l
RT: 10.440 min Scan# 3151
Delta R.T. -0.001 min
Lab File: VN070925.D
Acq: 3 Feb 2022 13:09



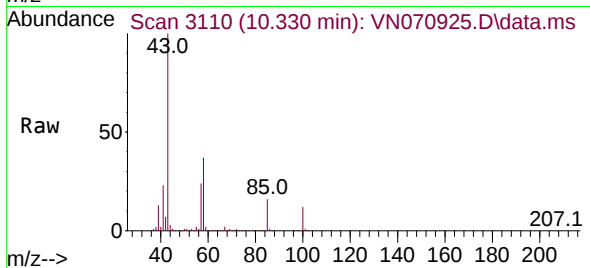
Tgt Ion: 98 Resp: 1396452
Ion Ratio Lower Upper
98 100
100 65.0 50.4 75.6





#51
4-Methyl-2-Pentanone
Concen: 110.457 ug/l
RT: 10.330 min Scan# 3110
Delta R.T. -0.001 min
Lab File: VN070925.D
Acq: 3 Feb 2022 13:09

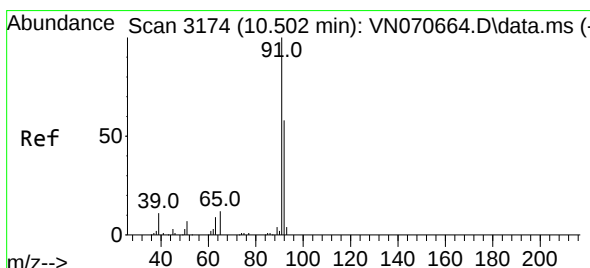
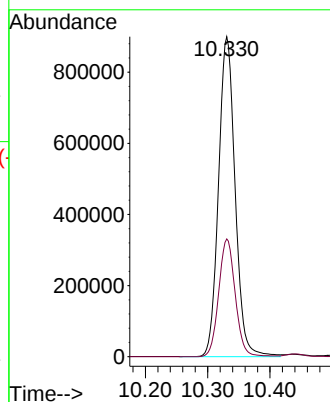
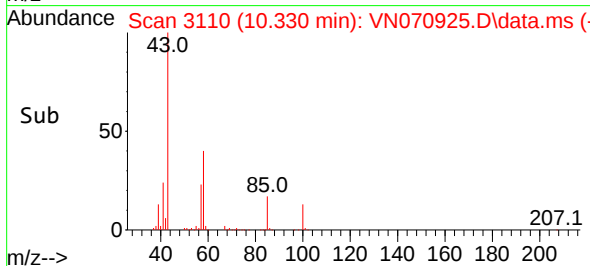
Instrument :
MSVOA_N
ClientSampleId :
VN0203MBS02



Tgt Ion: 43 Resp: 1663174
Ion Ratio Lower Upper
43 100
58 36.7 30.4 45.6

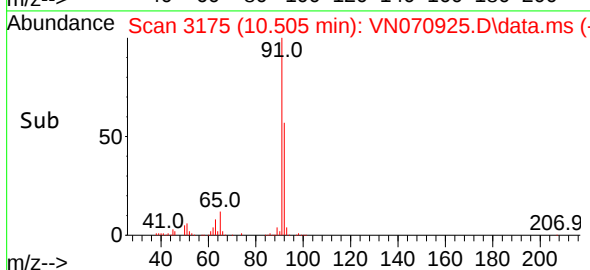
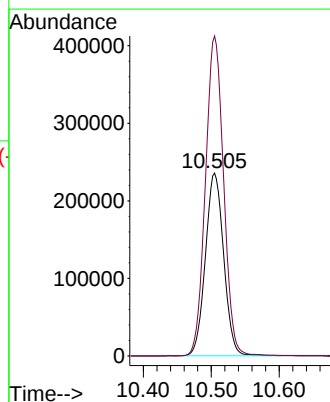
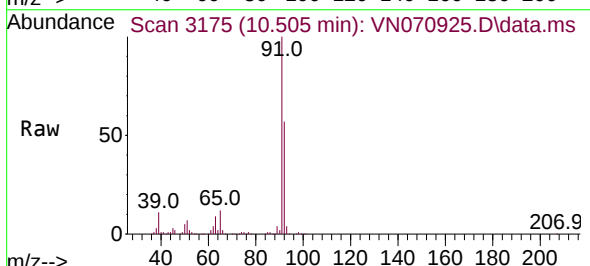
Manual Integrations
APPROVED

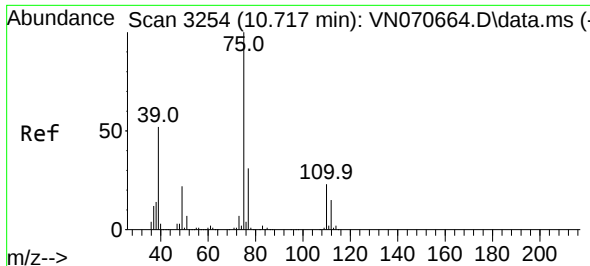
Reviewed By :John Carlone 02/07/2022
Supervised By :Mahesh Dadoda 02/08/2022



#52
Toluene
Concen: 20.499 ug/l
RT: 10.505 min Scan# 3175
Delta R.T. -0.000 min
Lab File: VN070925.D
Acq: 3 Feb 2022 13:09

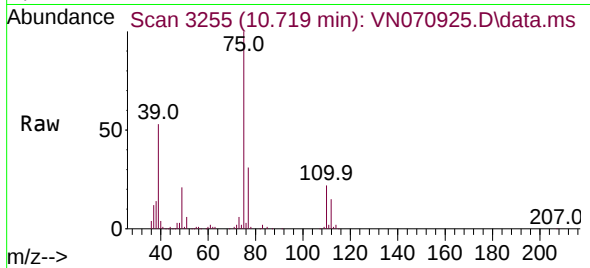
Tgt Ion: 92 Resp: 440568
Ion Ratio Lower Upper
92 100
91 174.5 142.0 213.0





#53
 t-1,3-Dichloropropene
 Concen: 20.833 ug/l
 RT: 10.719 min Scan# 31
 Delta R.T. 0.002 min
 Lab File: VN070925.D
 Acq: 3 Feb 2022 13:09

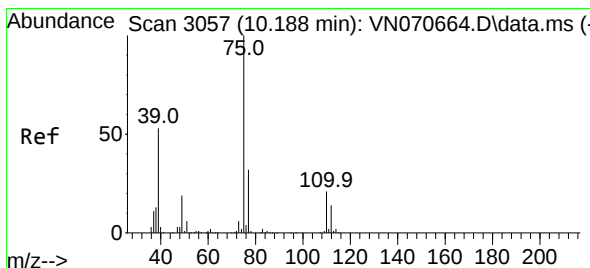
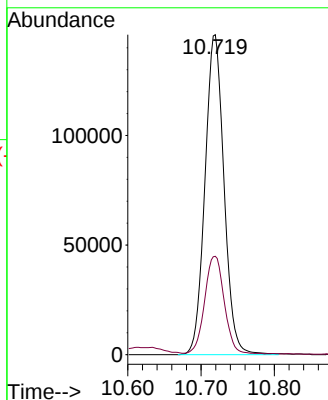
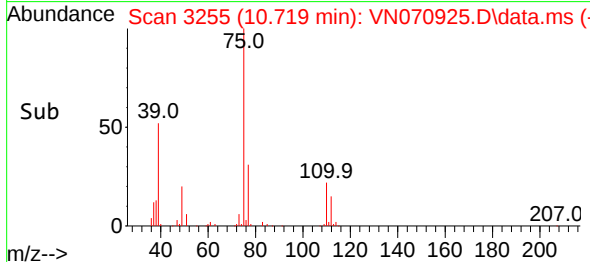
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0203MBS02



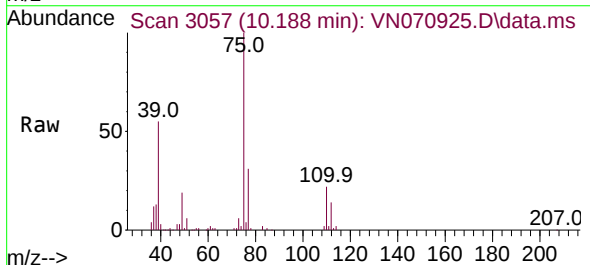
Tgt Ion: 75 Resp: 26352
 Ion Ratio Lower Upper
 75 100
 77 30.5 25.6 38.4

Manual Integrations
 APPROVED

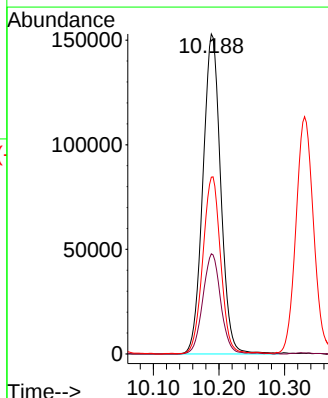
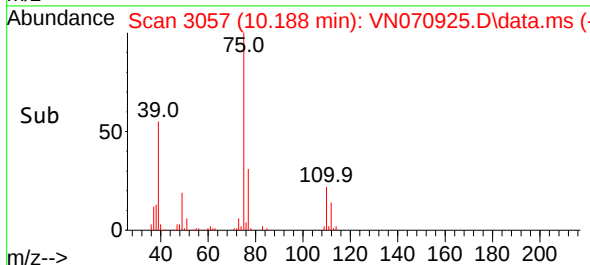
Reviewed By :John Carlone 02/07/2022
 Supervised By :Mahesh Dadoda 02/08/2022

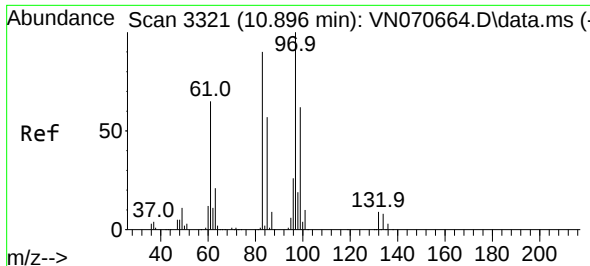


#54
 cis-1,3-Dichloropropene
 Concen: 20.959 ug/l
 RT: 10.188 min Scan# 3057
 Delta R.T. 0.000 min
 Lab File: VN070925.D
 Acq: 3 Feb 2022 13:09



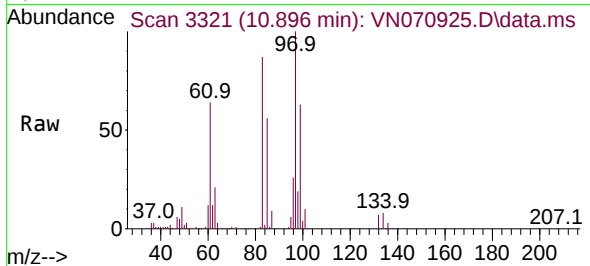
Tgt Ion: 75 Resp: 288342
 Ion Ratio Lower Upper
 75 100
 77 31.3 26.4 39.6
 39 55.2 42.5 63.7





#55
1,1,2-Trichloroethane
Concen: 21.162 ug/l
RT: 10.896 min Scan# 3321
Delta R.T. 0.000 min
Lab File: VN070925.D
Acq: 3 Feb 2022 13:09

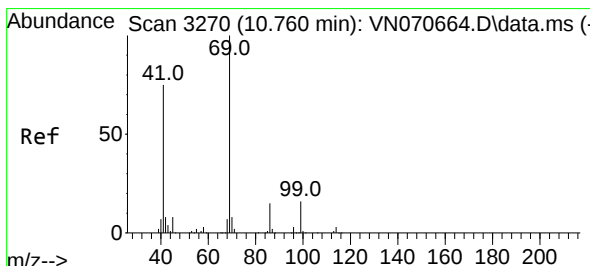
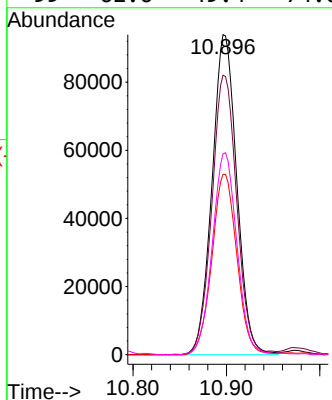
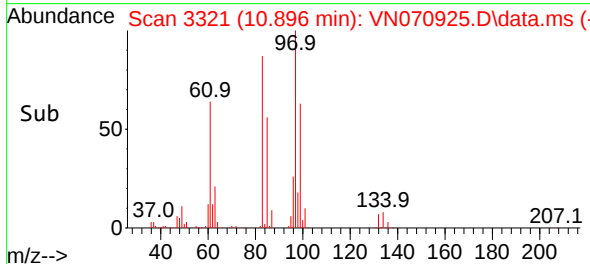
Instrument :
MSVOA_N
ClientSampleId :
VN0203MBS02



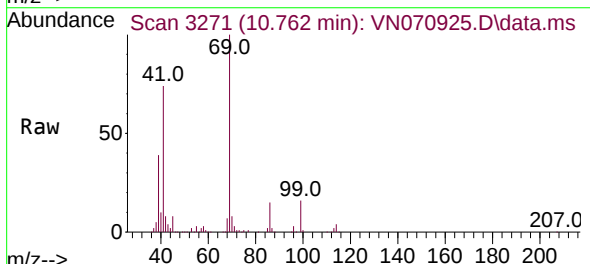
Tgt Ion: 97 Resp: 172738
Ion Ratio Lower Upper
97 100
83 87.4 67.8 101.6
85 56.3 45.4 68.2
99 62.6 49.4 74.0

Manual Integrations
APPROVED

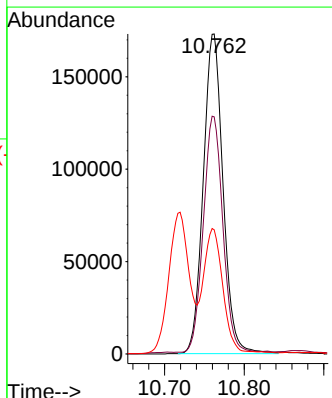
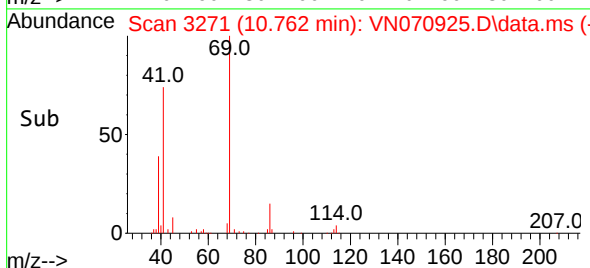
Reviewed By :John Carlone 02/07/2022
Supervised By :Mahesh Dadoda 02/08/2022

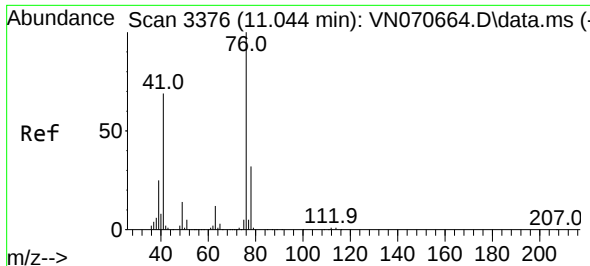


#56
Ethyl methacrylate
Concen: 21.059 ug/l
RT: 10.762 min Scan# 3271
Delta R.T. 0.002 min
Lab File: VN070925.D
Acq: 3 Feb 2022 13:09



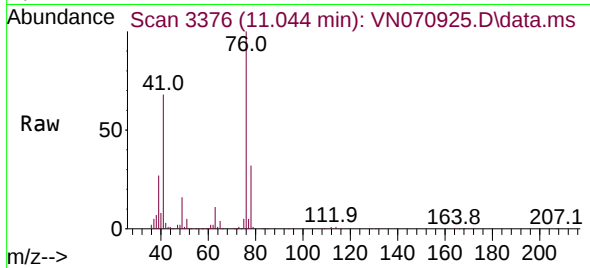
Tgt Ion: 69 Resp: 299390
Ion Ratio Lower Upper
69 100
41 72.7 51.4 77.0
39 38.1 34.6 52.0





#57
1,3-Dichloropropane
Concen: 21.599 ug/l
RT: 11.044 min Scan# 311
Delta R.T. -0.000 min
Lab File: VN070925.D
Acq: 3 Feb 2022 13:09

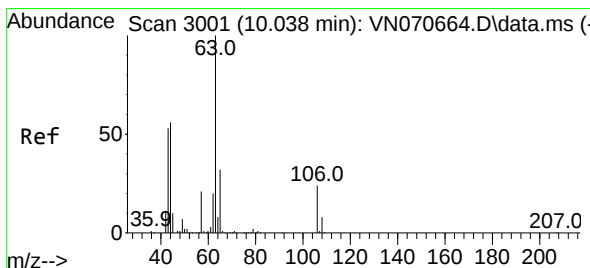
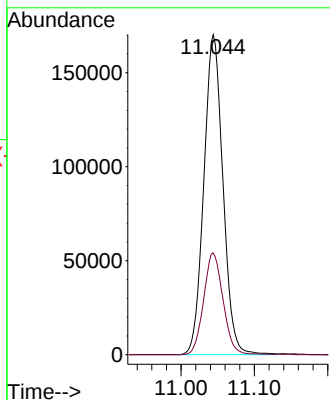
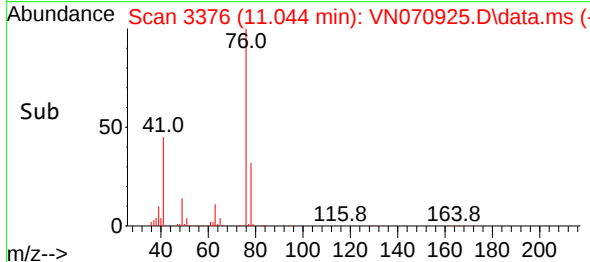
Instrument :
MSVOA_N
ClientSampleId :
VN0203MBS02



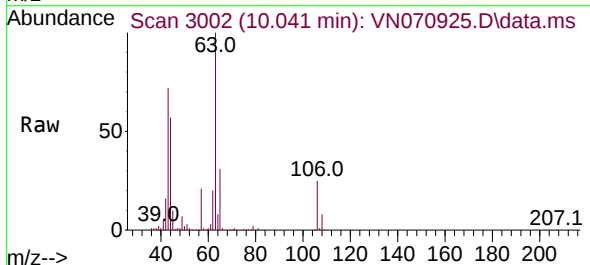
Tgt Ion: 76 Resp: 308634
Ion Ratio Lower Upper
76 100
78 32.3 25.7 38.5

Manual Integrations
APPROVED

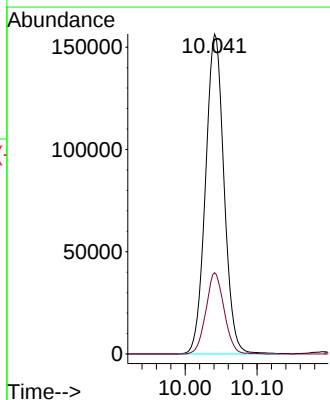
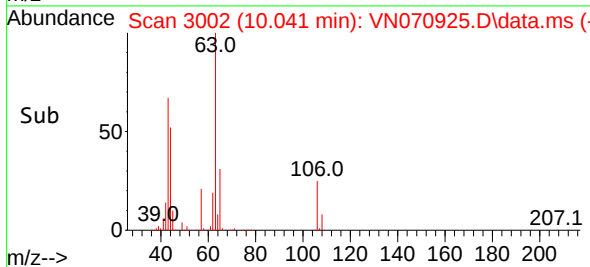
Reviewed By :John Carlone 02/07/2022
Supervised By :Mahesh Dadoda 02/08/2022

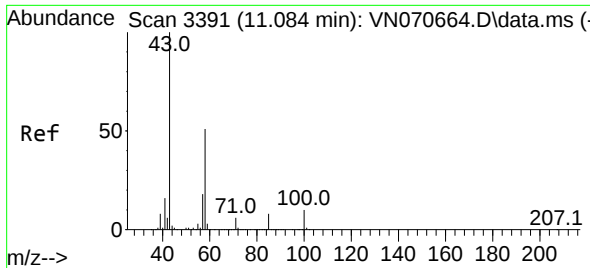


#58
2-Chloroethyl Vinyl ether
Concen: 86.669 ug/l
RT: 10.041 min Scan# 3002
Delta R.T. -0.000 min
Lab File: VN070925.D
Acq: 3 Feb 2022 13:09



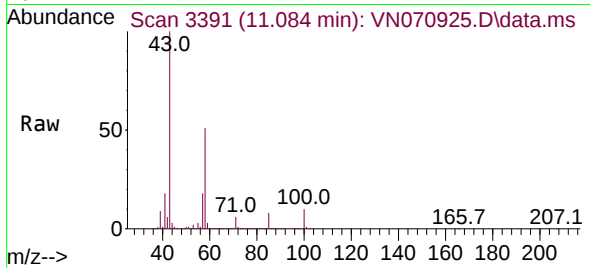
Tgt Ion: 63 Resp: 280009
Ion Ratio Lower Upper
63 100
106 25.0 23.9 35.9





#59
2-Hexanone
Concen: 108.140 ug/l
RT: 11.084 min Scan# 3391
Delta R.T. 0.000 min
Lab File: VN070925.D
Acq: 3 Feb 2022 13:09

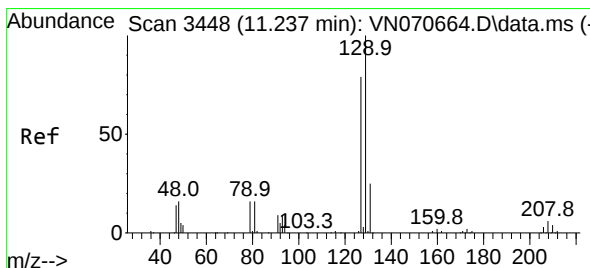
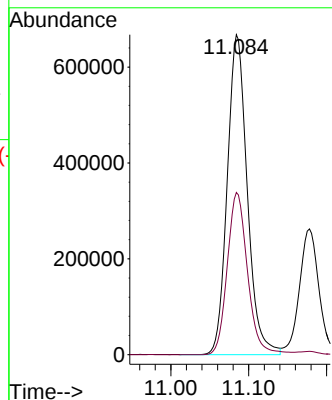
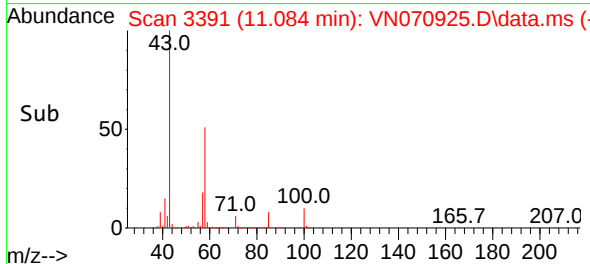
Instrument :
MSVOA_N
ClientSampleId :
VN0203MBS02



Tgt Ion: 43 Resp: 118883
Ion Ratio Lower Upper
43 100
58 51.6 26.9 80.7

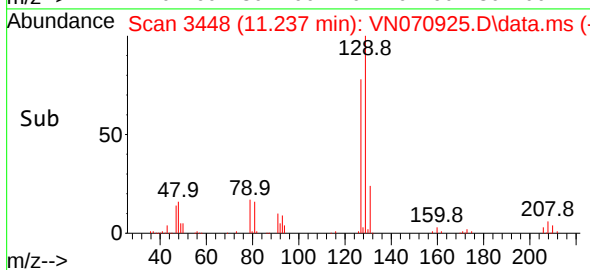
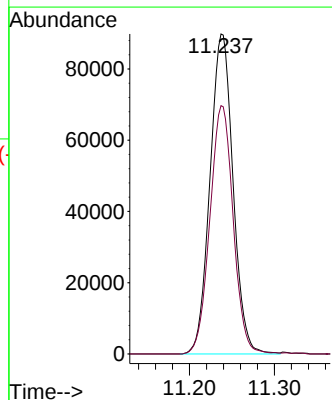
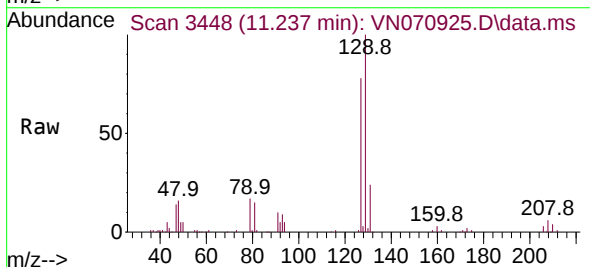
Manual Integrations
APPROVED

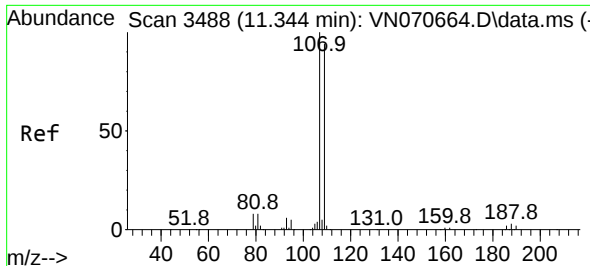
Reviewed By :John Carlone 02/07/2022
Supervised By :Mahesh Dadoda 02/08/2022



#60
Dibromochloromethane
Concen: 20.885 ug/l
RT: 11.237 min Scan# 3448
Delta R.T. -0.000 min
Lab File: VN070925.D
Acq: 3 Feb 2022 13:09

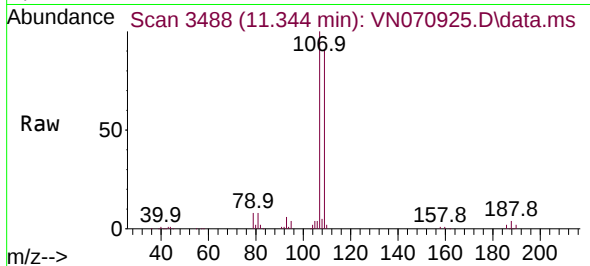
Tgt Ion:129 Resp: 169084
Ion Ratio Lower Upper
129 100
127 78.4 38.6 116.0





#61
1,2-Dibromoethane
Concen: 21.122 ug/l
RT: 11.344 min Scan# 3488
Delta R.T. 0.000 min
Lab File: VN070925.D
Acq: 3 Feb 2022 13:09

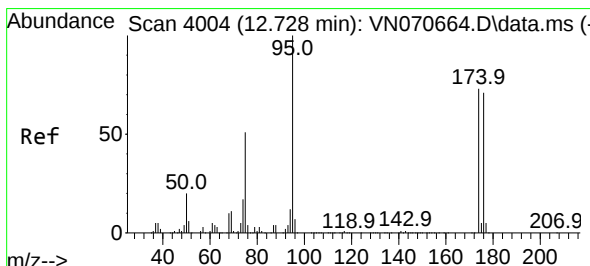
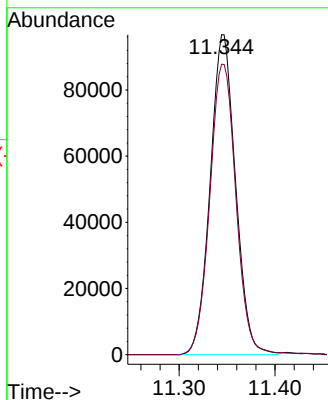
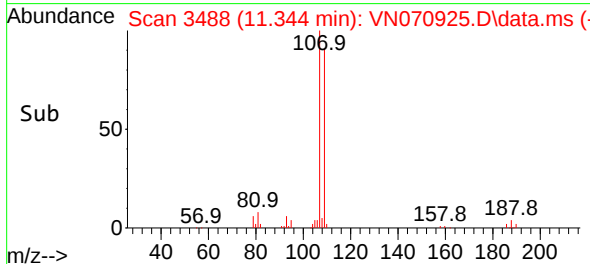
Instrument :
MSVOA_N
ClientSampleId :
VN0203MBS02



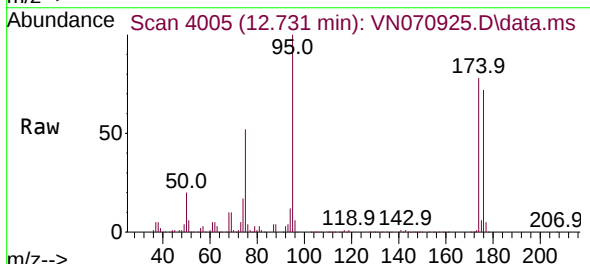
Tgt Ion:107 Resp: 17731
Ion Ratio Lower Upper
107 100
109 93.7 75.7 113.5

Manual Integrations
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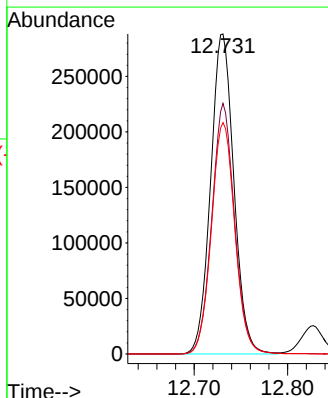
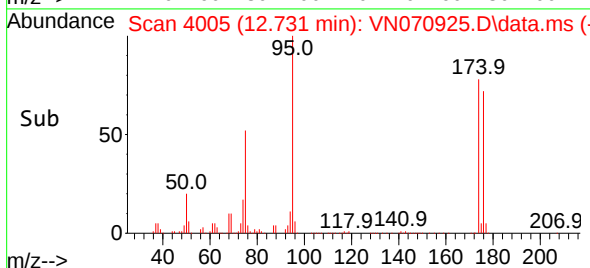
Reviewed By :John Carlone 02/07/2022
Supervised By :Mahesh Dadoda 02/08/2022

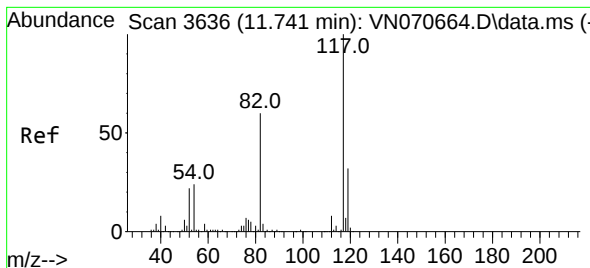


#62
4-Bromofluorobenzene
Concen: 49.581 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN070925.D
Acq: 3 Feb 2022 13:09



Tgt Ion: 95 Resp: 498531
Ion Ratio Lower Upper
95 100
174 76.8 0.0 187.2
176 72.9 0.0 181.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.744 min Scan# 3636

Delta R.T. -0.000 min

Lab File: VN070925.D

Acq: 3 Feb 2022 13:09

Instrument :

MSVOA_N

ClientSampleId :

VN0203MBS02

Tgt Ion:117 Resp: 1040418

Ion Ratio Lower Upper

117 100

82 60.0 42.4 63.6

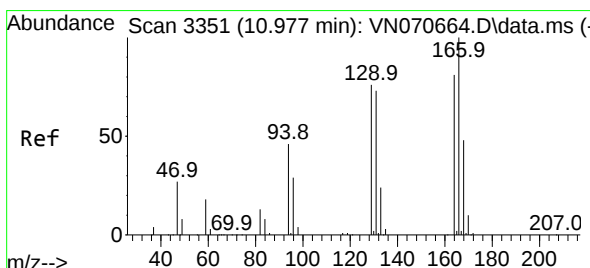
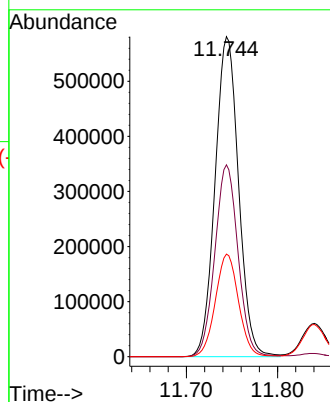
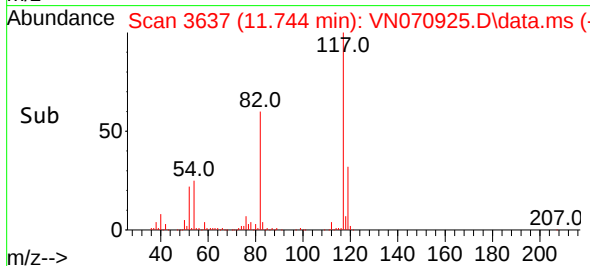
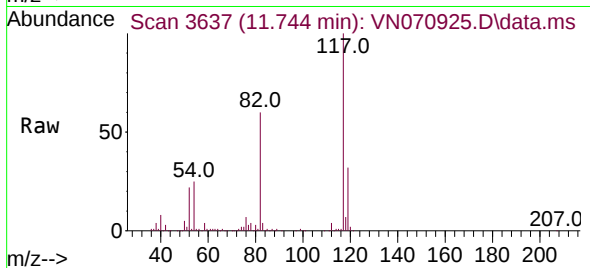
119 32.1 25.4 38.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/07/2022

Supervised By :Mahesh Dadoda 02/08/2022



#64

Tetrachloroethene

Concen: 21.942 ug/l

RT: 10.977 min Scan# 3351

Delta R.T. -0.000 min

Lab File: VN070925.D

Acq: 3 Feb 2022 13:09

Tgt Ion:164 Resp: 149422

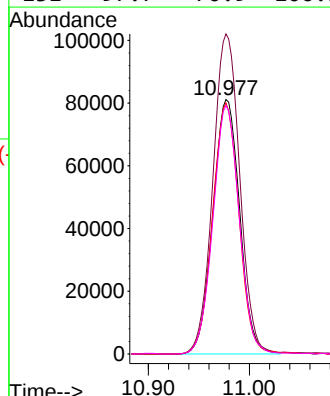
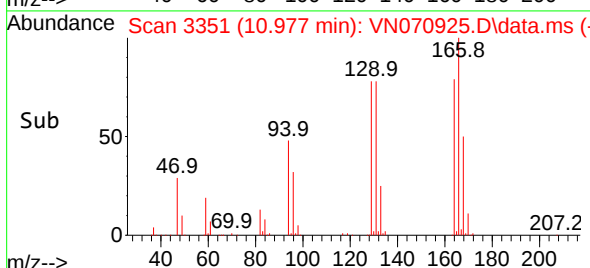
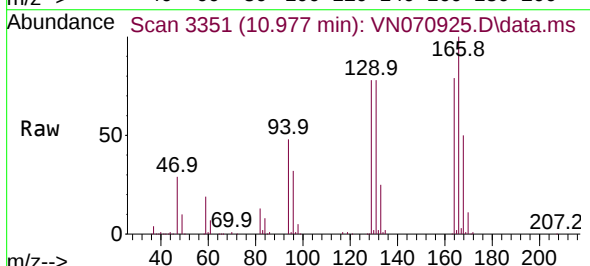
Ion Ratio Lower Upper

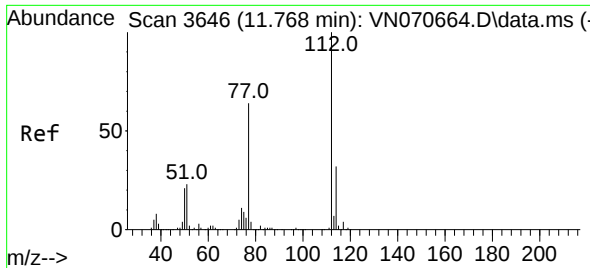
164 100

166 125.8 101.9 152.9

129 98.7 72.0 108.0

131 97.7 70.9 106.3





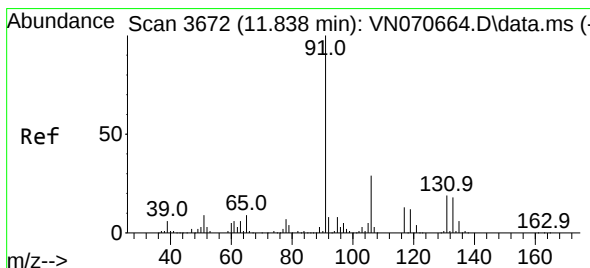
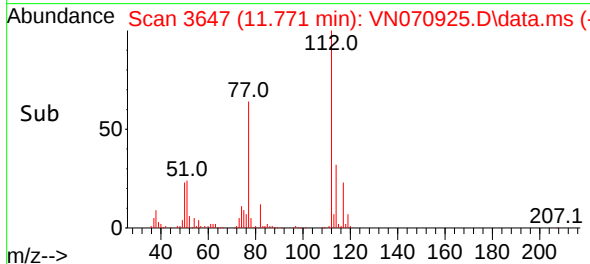
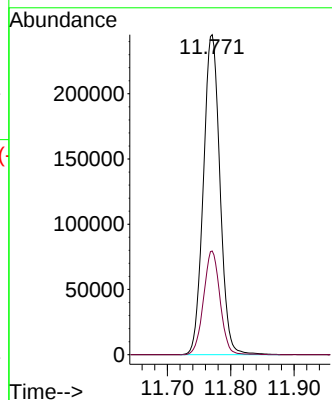
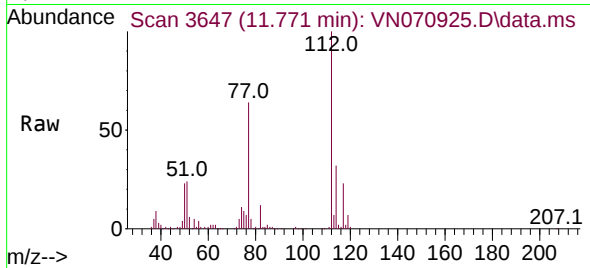
#65
Chlorobenzene
Concen: 20.481 ug/l
RT: 11.771 min Scan# 3647
Delta R.T. 0.003 min
Lab File: VN070925.D
Acq: 3 Feb 2022 13:09

Instrument :
MSVOA_N
ClientSampleId :
VN0203MBS02

Tgt Ion:112 Resp: 44597
Ion Ratio Lower Upper
112 100
114 32.4 25.4 38.0

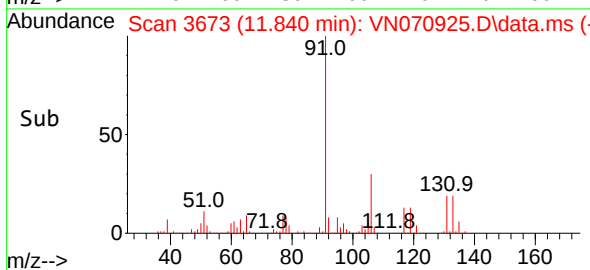
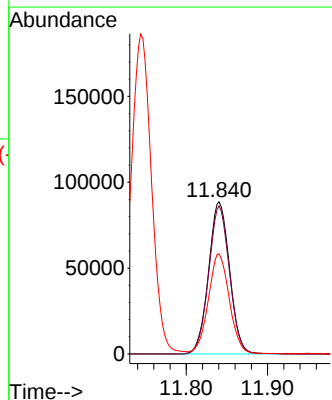
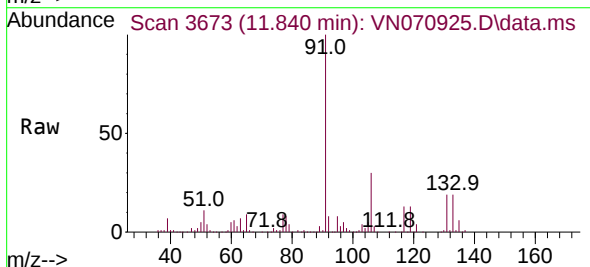
Manual Integrations
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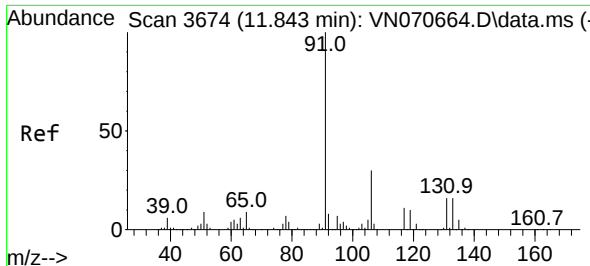
Reviewed By :John Carlone 02/07/2022
Supervised By :Mahesh Dadoda 02/08/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 21.009 ug/l
RT: 11.840 min Scan# 3673
Delta R.T. -0.001 min
Lab File: VN070925.D
Acq: 3 Feb 2022 13:09

Tgt Ion:131 Resp: 159671
Ion Ratio Lower Upper
131 100
133 96.0 47.9 143.7
119 65.4 32.1 96.5





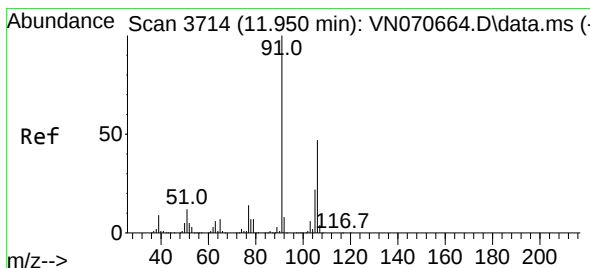
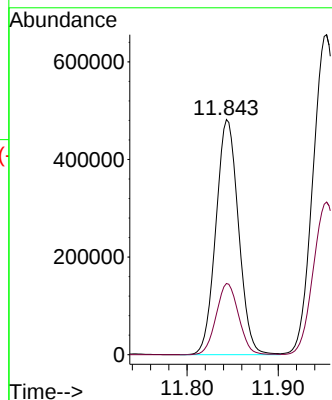
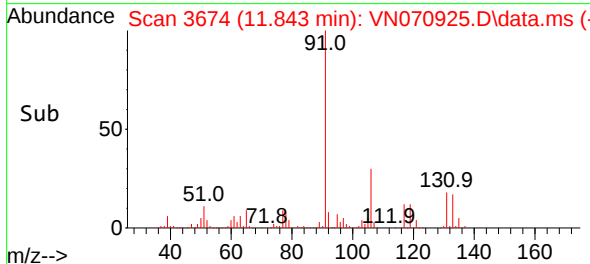
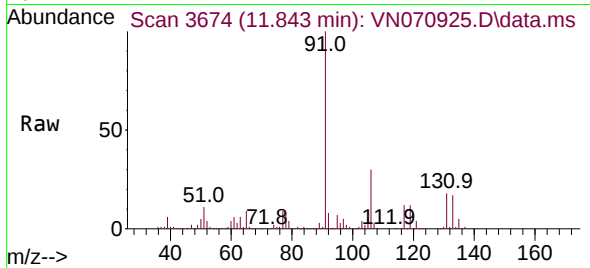
#67
Ethyl Benzene
Concen: 20.885 ug/l
RT: 11.843 min Scan# 3074
Delta R.T. 0.000 min
Lab File: VN070925.D
Acq: 3 Feb 2022 13:09

Instrument :
MSVOA_N
ClientSampleId :
VN0203MBS02

Tgt Ion: 91 Resp: 829038
Ion Ratio Lower Upper
91 100
106 30.3 25.7 38.5

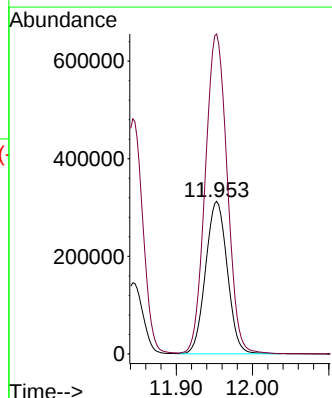
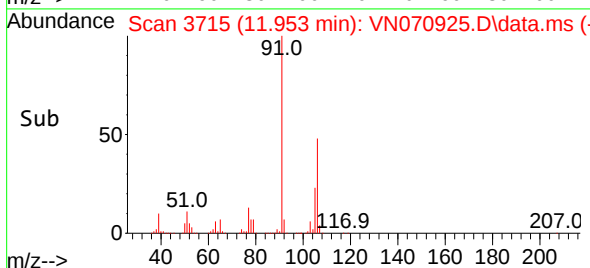
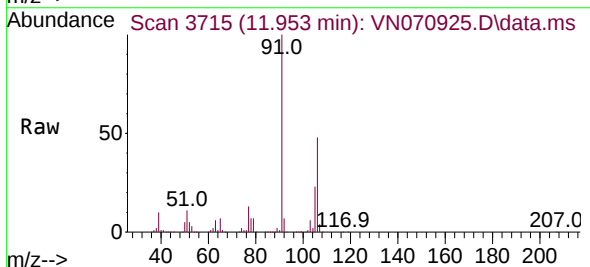
Manual Integrations
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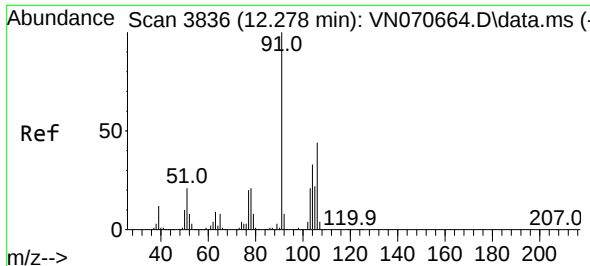
Reviewed By :John Carlone 02/07/2022
Supervised By :Mahesh Dadoda 02/08/2022



#68
m/p-Xylenes
Concen: 42.035 ug/l
RT: 11.953 min Scan# 3715
Delta R.T. 0.000 min
Lab File: VN070925.D
Acq: 3 Feb 2022 13:09

Tgt Ion:106 Resp: 618249
Ion Ratio Lower Upper
106 100
91 212.3 160.6 240.8





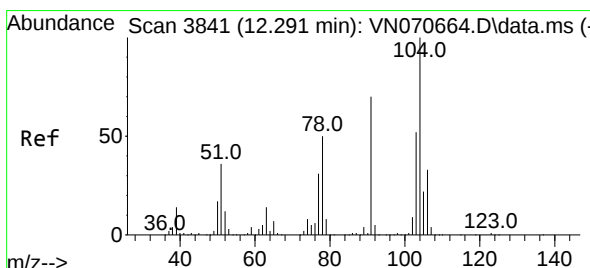
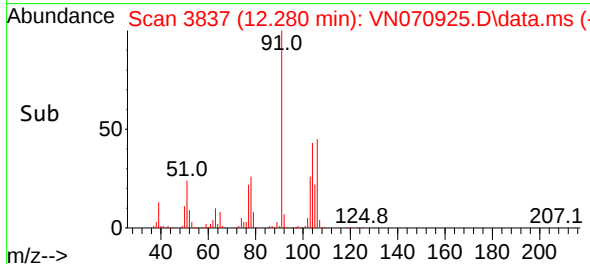
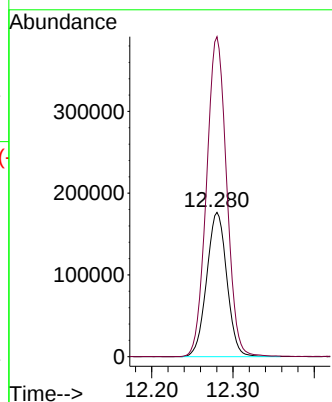
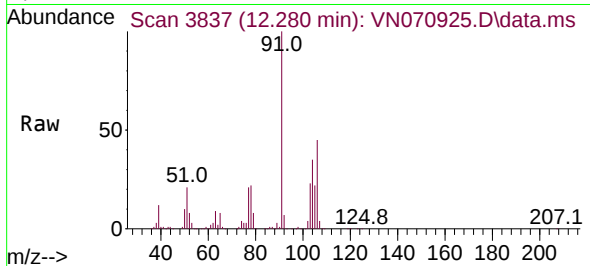
#69
o-Xylene
Concen: 20.693 ug/l
RT: 12.280 min Scan# 3837
Delta R.T. 0.000 min
Lab File: VN070925.D
Acq: 3 Feb 2022 13:09

Instrument :
MSVOA_N
ClientSampleId :
VN0203MBS02

Tgt Ion:106 Resp: 30460
Ion Ratio Lower Upper
106 100
91 221.6 105.8 317.3

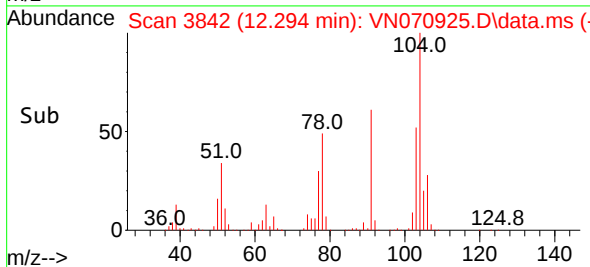
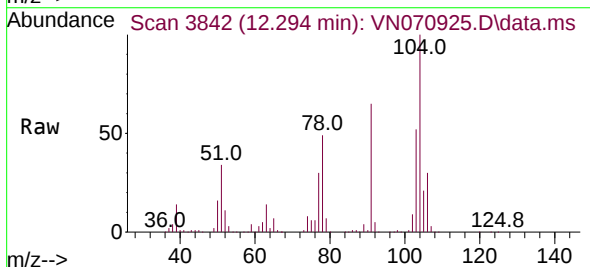
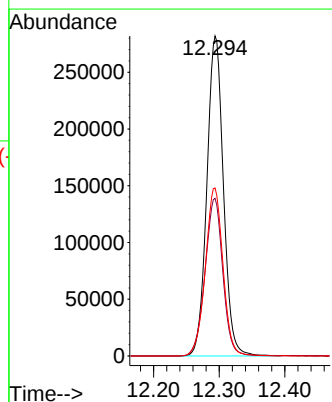
Manual Integrations
APPROVED

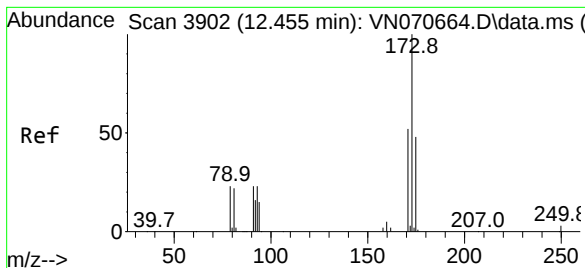
Reviewed By :John Carlone 02/07/2022
Supervised By :Mahesh Dadoda 02/08/2022



#70
Styrene
Concen: 21.309 ug/l
RT: 12.294 min Scan# 3842
Delta R.T. -0.000 min
Lab File: VN070925.D
Acq: 3 Feb 2022 13:09

Tgt Ion:104 Resp: 494358
Ion Ratio Lower Upper
104 100
78 52.8 38.7 58.1
103 55.9 45.0 67.6





#71

Bromoform

Concen: 20.204 ug/l

RT: 12.457 min Scan# 3902

Delta R.T. 0.000 min

Lab File: VN070925.D

Acq: 3 Feb 2022 13:09

Instrument :

MSVOA_N

ClientSampleId :

VN0203MBS02

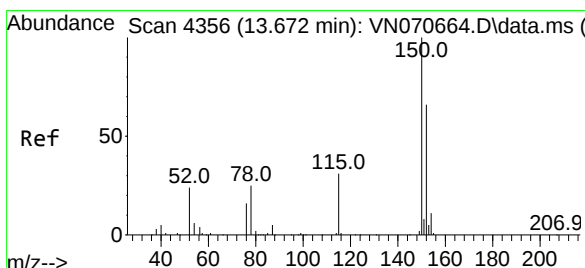
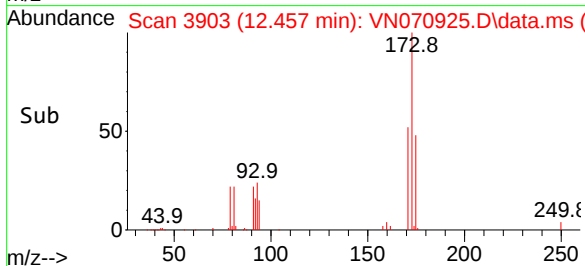
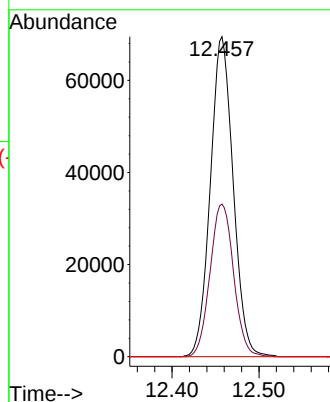
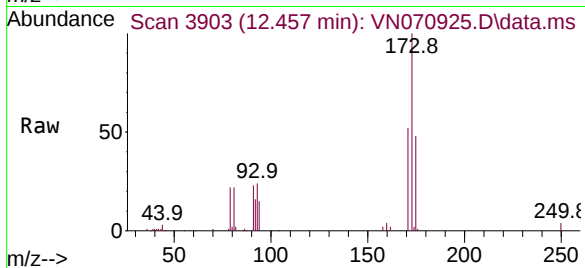
Tgt Ion:173 Resp: 126784
 Ion Ratio Lower Upper
 173 100
 175 49.2 24.2 72.6
 254 0.0 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/07/2022

Supervised By :Mahesh Dadoda 02/08/2022



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

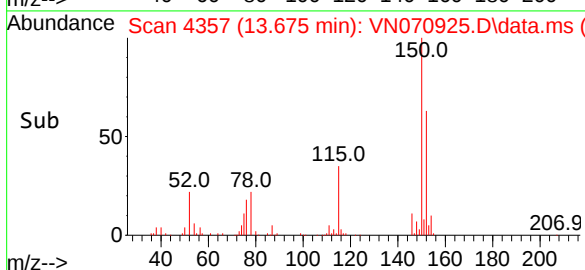
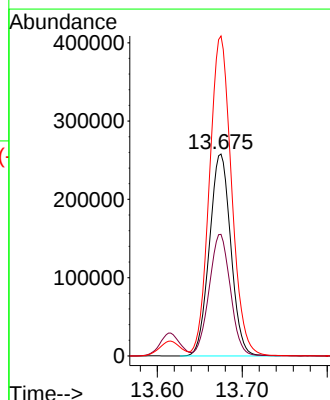
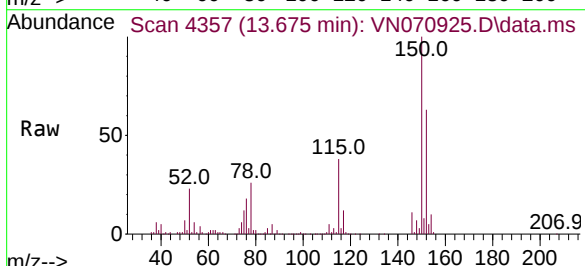
RT: 13.675 min Scan# 4357

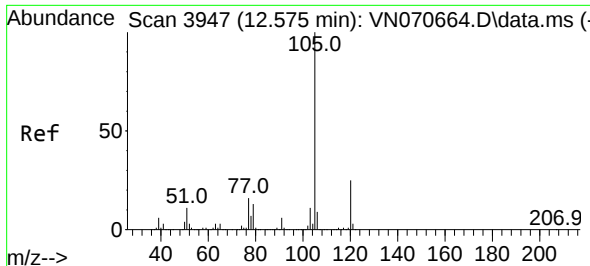
Delta R.T. 0.003 min

Lab File: VN070925.D

Acq: 3 Feb 2022 13:09

Tgt Ion:152 Resp: 451126
 Ion Ratio Lower Upper
 152 100
 115 59.7 27.5 82.5
 150 163.6 0.0 344.4





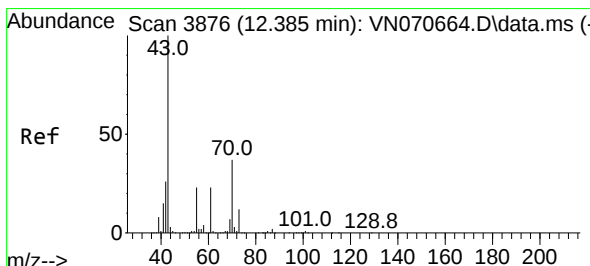
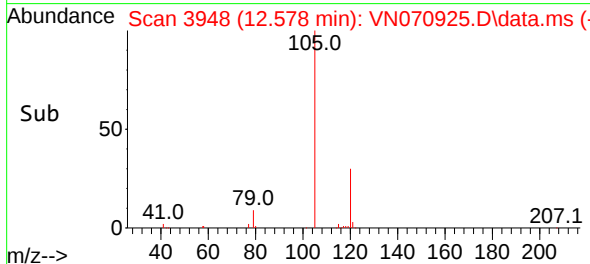
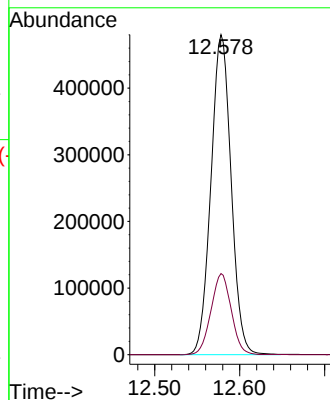
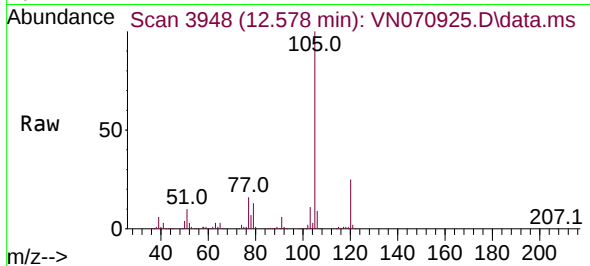
#73
Isopropylbenzene
Concen: 20.118 ug/l
RT: 12.578 min Scan# 3947
Delta R.T. -0.000 min
Lab File: VN070925.D
Acq: 3 Feb 2022 13:09

Instrument :
MSVOA_N
ClientSampleId :
VN0203MBS02

Tgt Ion:105 Resp: 79183
Ion Ratio Lower Upper
105 100
120 25.4 13.4 40.1

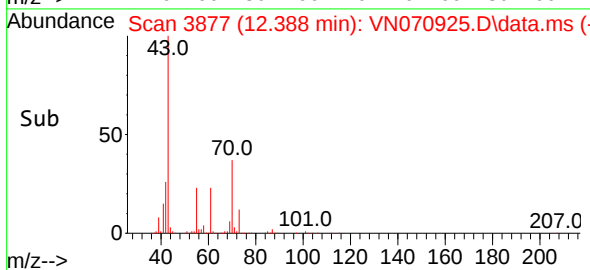
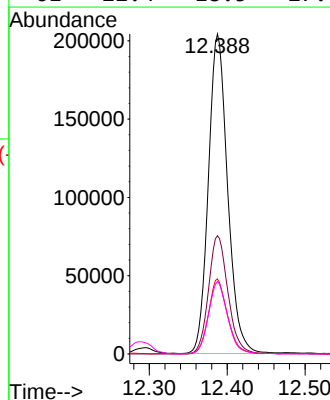
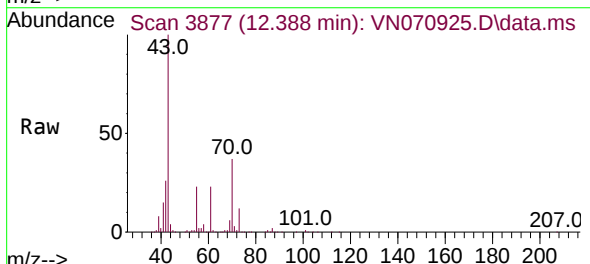
Manual Integrations
APPROVED

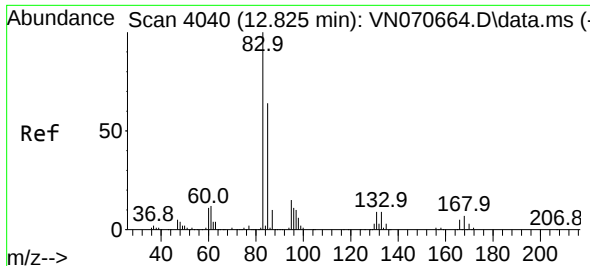
Reviewed By :John Carlone 02/07/2022
Supervised By :Mahesh Dadoda 02/08/2022



#74
N-ethyl acetate
Concen: 19.881 ug/l
RT: 12.388 min Scan# 3877
Delta R.T. -0.000 min
Lab File: VN070925.D
Acq: 3 Feb 2022 13:09

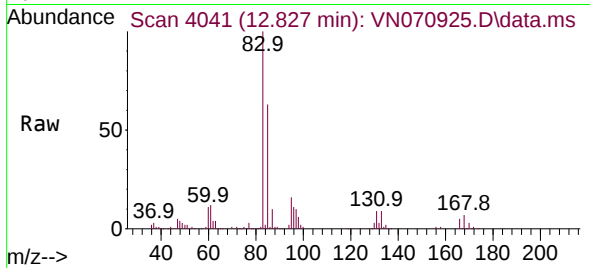
Tgt Ion: 43 Resp: 350460
Ion Ratio Lower Upper
43 100
70 37.4 33.4 50.0
55 23.0 19.3 28.9
61 22.4 18.5 27.7





#75
1,1,2,2-Tetrachloroethane
Concen: 20.416 ug/l
RT: 12.827 min Scan# 4041
Delta R.T. 0.002 min
Lab File: VN070925.D
Acq: 3 Feb 2022 13:09

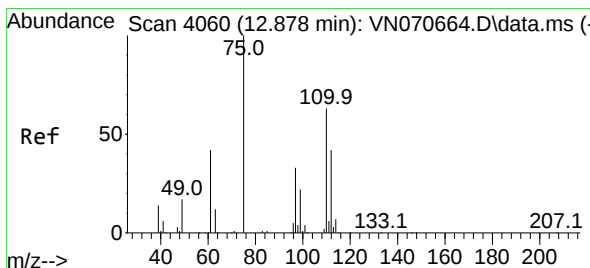
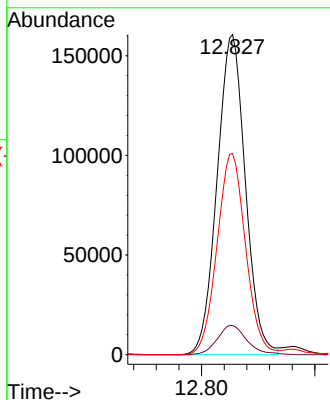
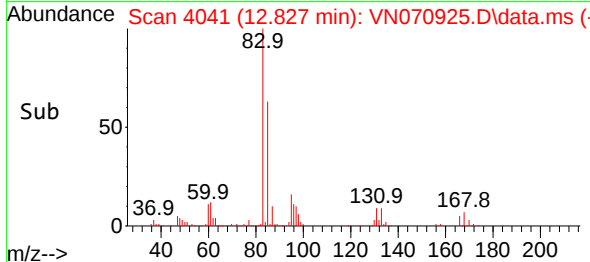
Instrument :
MSVOA_N
ClientSampleId :
VN0203MBS02



Tgt Ion: 83 Resp: 278350
Ion Ratio Lower Upper
83 100
131 9.5 5.5 16.5
85 63.3 32.4 97.2

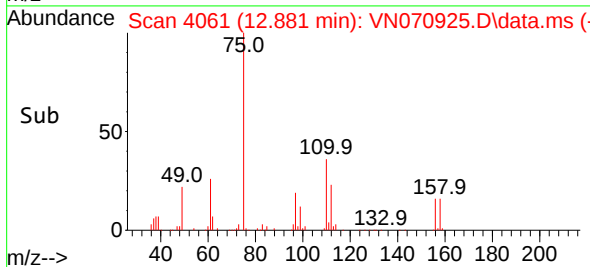
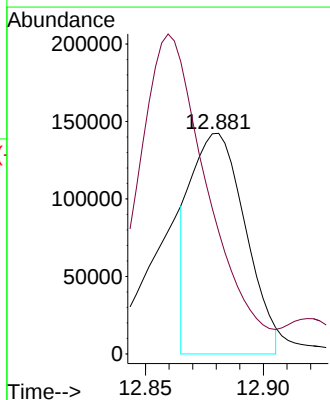
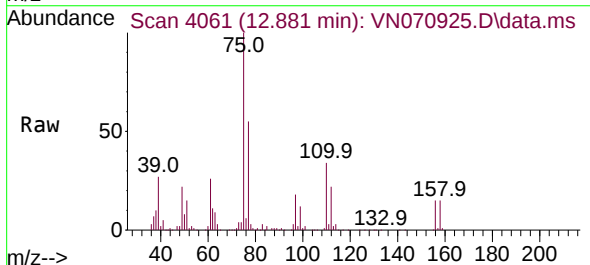
Manual Integrations
APPROVED

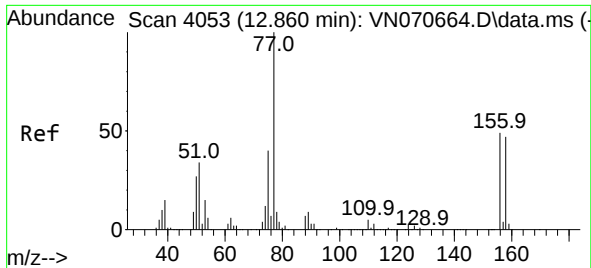
Reviewed By :John Carlone 02/07/2022
Supervised By :Mahesh Dadoda 02/08/2022



#76
1,2,3-Trichloropropane
Concen: 21.021 ug/l m
RT: 12.881 min Scan# 4061
Delta R.T. 0.003 min
Lab File: VN070925.D
Acq: 3 Feb 2022 13:09

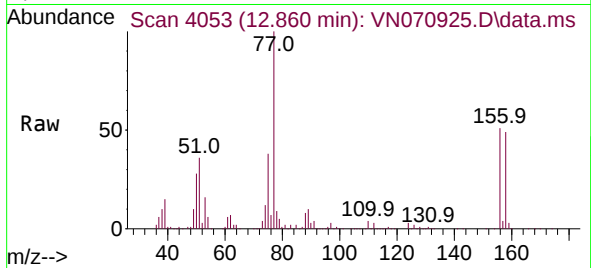
Tgt Ion: 75 Resp: 228258
Ion Ratio Lower Upper
75 100
77 0.0 82.6 247.8#





#77
Bromobenzene
Concen: 19.574 ug/l
RT: 12.860 min Scan# 4053
Delta R.T. -0.000 min
Lab File: VN070925.D
Acq: 3 Feb 2022 13:09

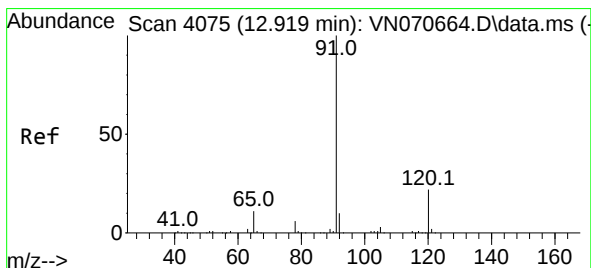
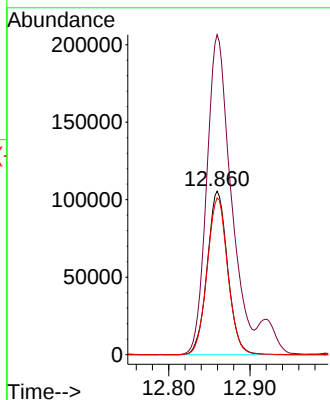
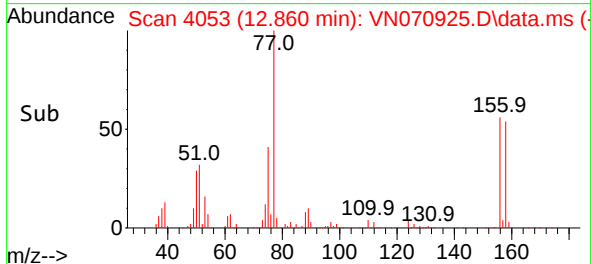
Instrument :
MSVOA_N
ClientSampleId :
VN0203MBS02



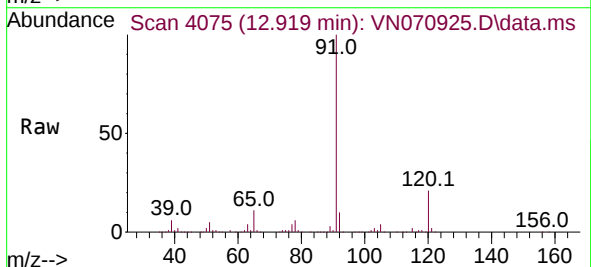
Tgt Ion:156 Resp: 184700
Ion Ratio Lower Upper
156 100
77 231.1 90.6 271.8
158 96.9 48.9 146.7

Manual Integrations
APPROVED

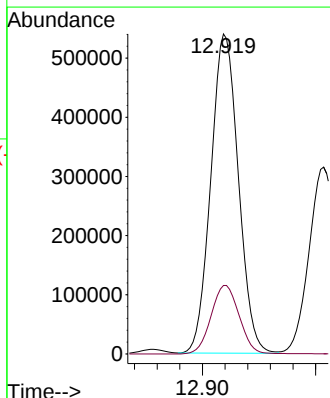
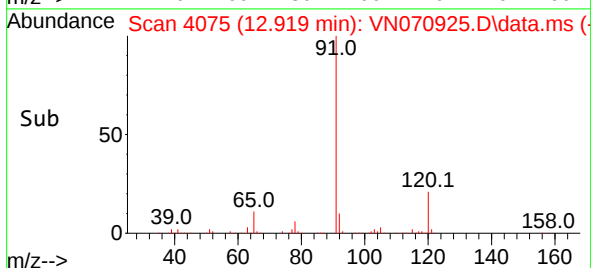
Reviewed By :John Carlone 02/07/2022
Supervised By :Mahesh Dadoda 02/08/2022

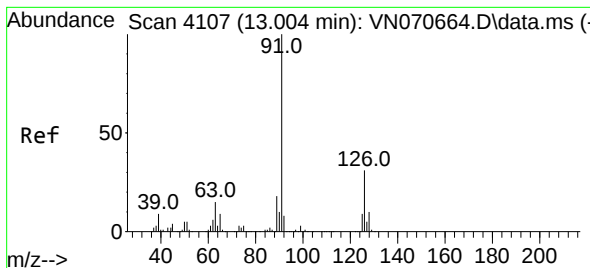


#78
n-propylbenzene
Concen: 20.295 ug/l
RT: 12.919 min Scan# 4075
Delta R.T. -0.000 min
Lab File: VN070925.D
Acq: 3 Feb 2022 13:09



Tgt Ion: 91 Resp: 910992
Ion Ratio Lower Upper
91 100
120 21.9 11.9 35.9





#79

2-Chlorotoluene

Concen: 19.940 ug/l

RT: 13.007 min Scan# 4107

Delta R.T. 0.000 min

Lab File: VN070925.D

Acq: 3 Feb 2022 13:09

Instrument :

MSVOA_N

ClientSampleId :

VN0203MBS02

Tgt Ion: 91 Resp: 556558

Ion Ratio Lower Upper

91 100

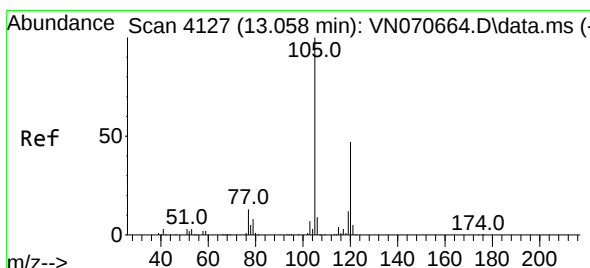
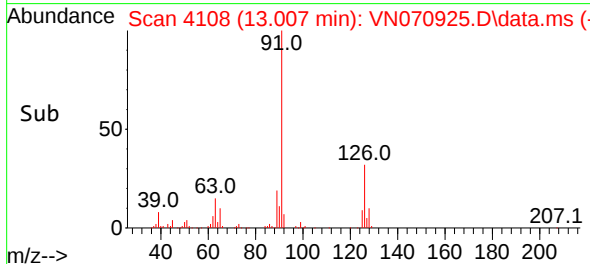
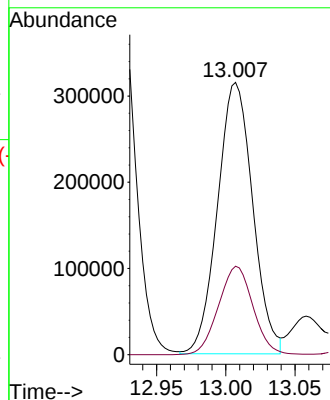
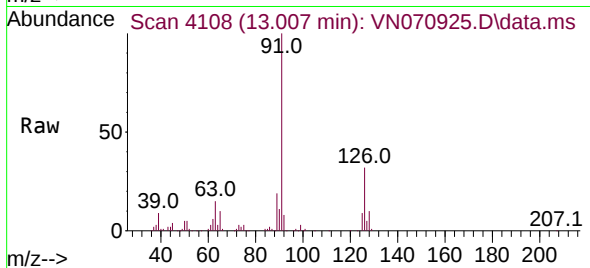
126 32.0 18.3 54.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/07/2022

Supervised By :Mahesh Dadoda 02/08/2022



#80

1,3,5-Trimethylbenzene

Concen: 20.494 ug/l

RT: 13.058 min Scan# 4127

Delta R.T. 0.000 min

Lab File: VN070925.D

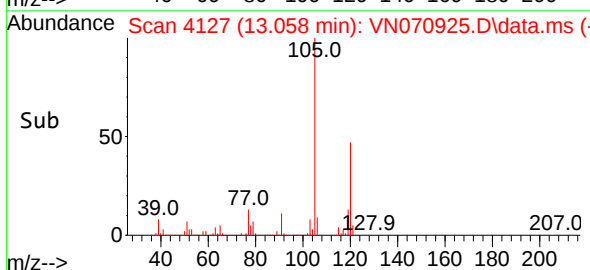
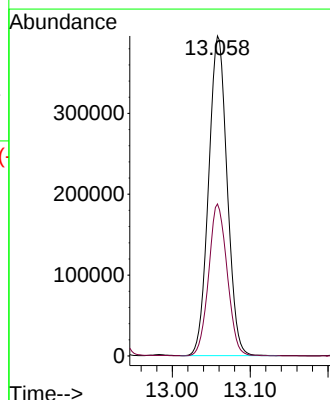
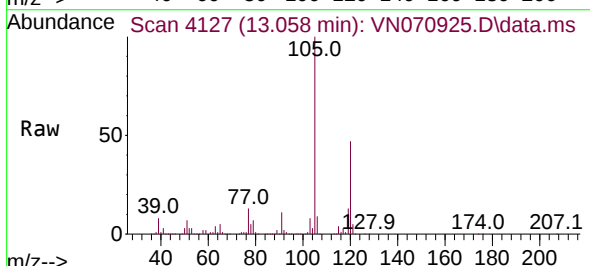
Acq: 3 Feb 2022 13:09

Tgt Ion:105 Resp: 653894

Ion Ratio Lower Upper

105 100

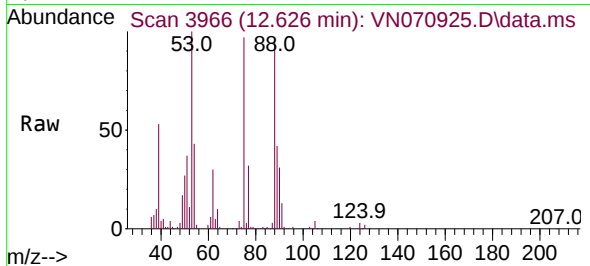
120 47.4 24.6 73.6





#81
trans-1,4-Dichloro-2-butene
Concen: 19.415 ug/l
RT: 12.626 min Scan# 3965
Delta R.T. 0.002 min
Lab File: VN070925.D
Acq: 3 Feb 2022 13:09

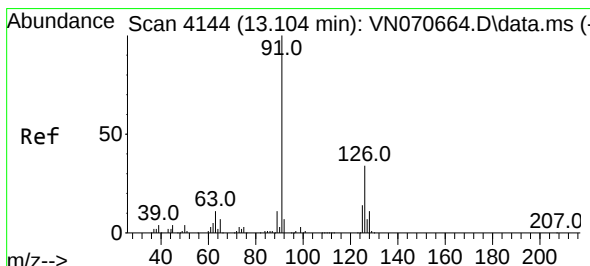
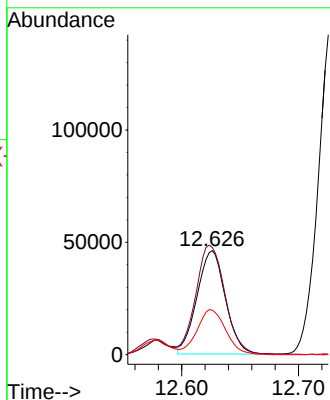
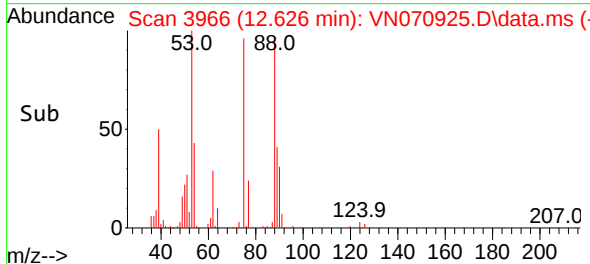
Instrument :
MSVOA_N
ClientSampleId :
VN0203MBS02



Tgt Ion: 75 Resp: 77774
Ion Ratio Lower Upper
75 100
53 110.9 90.5 135.7
89 44.5 38.2 57.4

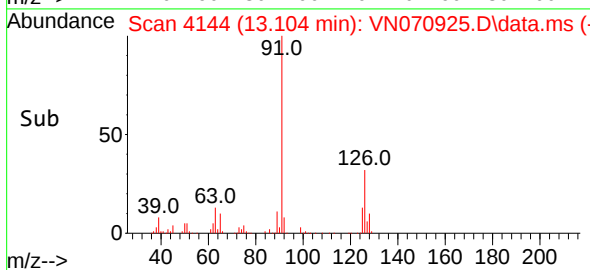
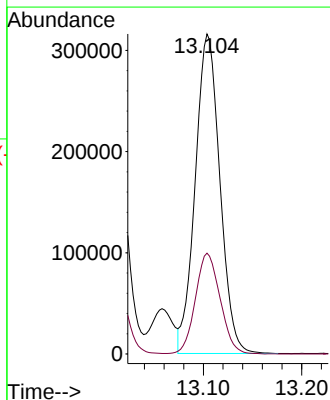
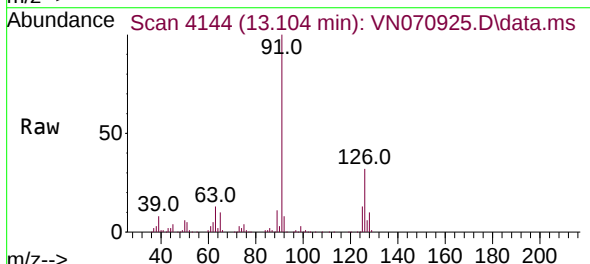
Manual Integrations
APPROVED

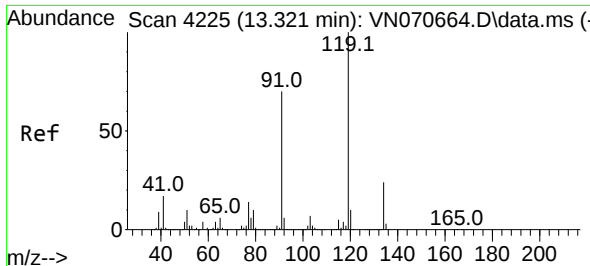
Reviewed By :John Carlone 02/07/2022
Supervised By :Mahesh Dadoda 02/08/2022



#82
4-Chlorotoluene
Concen: 20.397 ug/l
RT: 13.104 min Scan# 4144
Delta R.T. -0.000 min
Lab File: VN070925.D
Acq: 3 Feb 2022 13:09

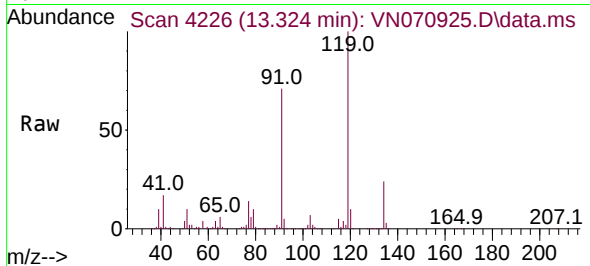
Tgt Ion: 91 Resp: 548709
Ion Ratio Lower Upper
91 100
126 31.7 18.2 54.6





#83
tert-Butylbenzene
Concen: 19.872 ug/l
RT: 13.324 min Scan# 4225
Delta R.T. 0.003 min
Lab File: VN070925.D
Acq: 3 Feb 2022 13:09

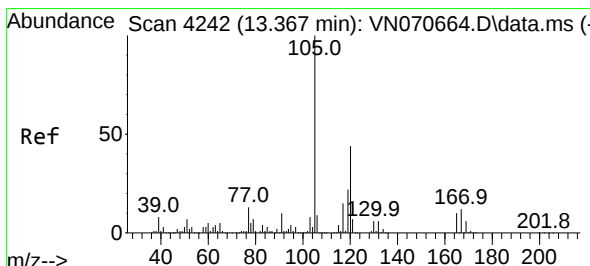
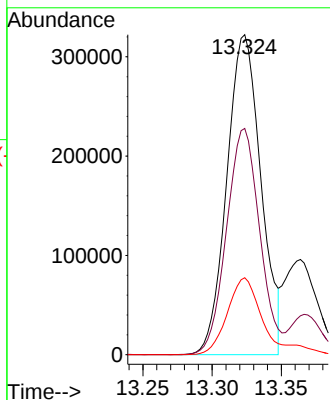
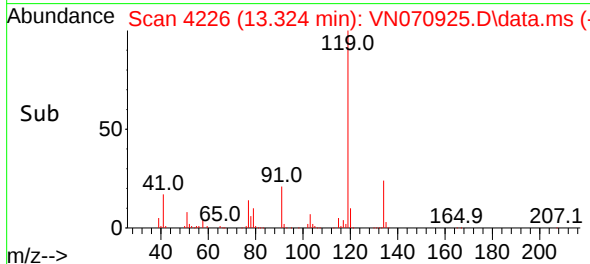
Instrument :
MSVOA_N
ClientSampleId :
VN0203MBS02



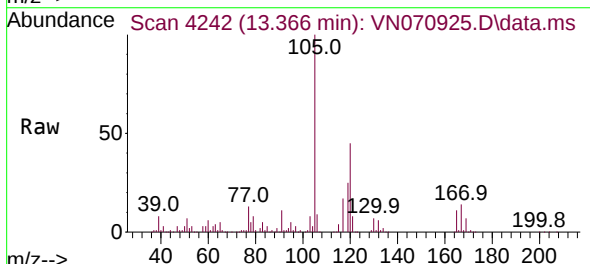
Tgt Ion:119 Resp: 552985
Ion Ratio Lower Upper
119 100
91 69.0 31.5 94.5
134 25.5 12.4 37.4

Manual Integrations
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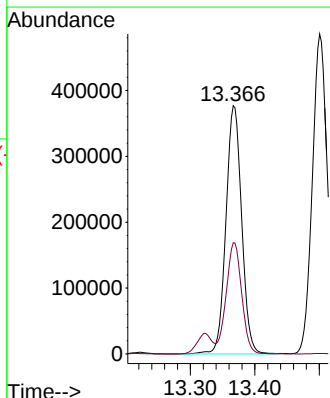
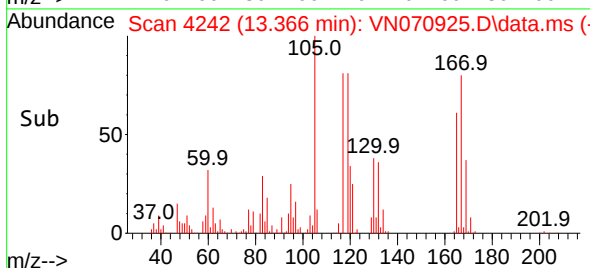
Reviewed By :John Carbone 02/07/2022
Supervised By :Mahesh Dadoda 02/08/2022

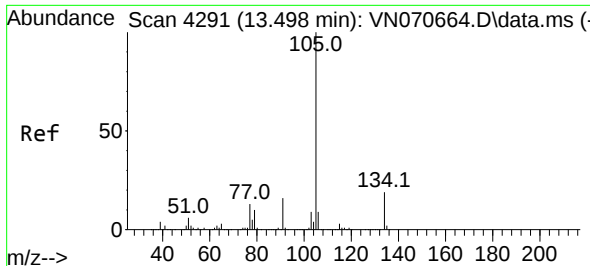


#84
1,2,4-Trimethylbenzene
Concen: 20.471 ug/l
RT: 13.366 min Scan# 4242
Delta R.T. -0.001 min
Lab File: VN070925.D
Acq: 3 Feb 2022 13:09



Tgt Ion:105 Resp: 638734
Ion Ratio Lower Upper
105 100
120 44.2 22.8 68.4





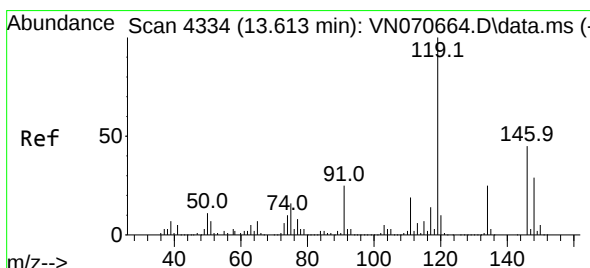
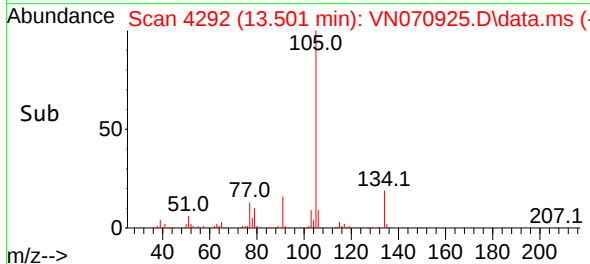
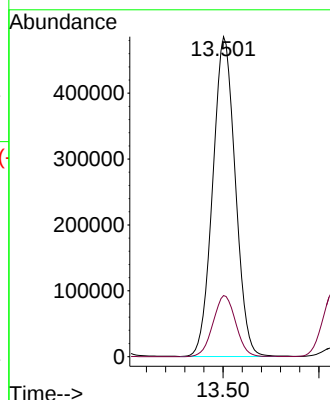
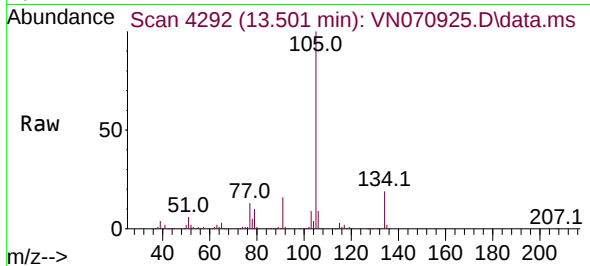
#85
 sec-Butylbenzene
 Concen: 20.320 ug/l
 RT: 13.501 min Scan# 4291
 Delta R.T. -0.000 min
 Lab File: VN070925.D
 Acq: 3 Feb 2022 13:09

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0203MBS02

Tgt Ion:105 Resp: 791090
 Ion Ratio Lower Upper
 105 100
 134 19.3 10.4 31.1

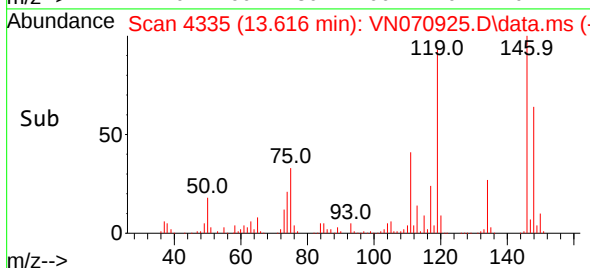
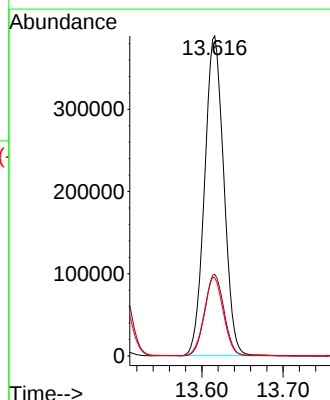
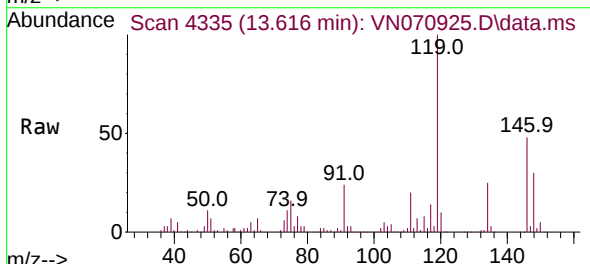
Manual Integrations
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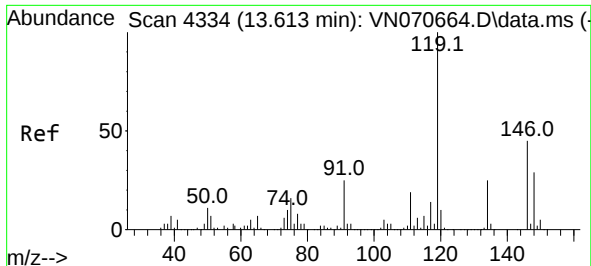
Reviewed By :John Carlone 02/07/2022
 Supervised By :Mahesh Dadoda 02/08/2022



#86
 p-Isopropyltoluene
 Concen: 20.748 ug/l
 RT: 13.616 min Scan# 4335
 Delta R.T. 0.003 min
 Lab File: VN070925.D
 Acq: 3 Feb 2022 13:09

Tgt Ion:119 Resp: 636991
 Ion Ratio Lower Upper
 119 100
 134 25.5 13.6 40.7
 91 24.5 11.4 34.1





#87

1,3-Dichlorobenzene

Concen: 20.316 ug/l

RT: 13.616 min Scan# 4334

Delta R.T. 0.003 min

Lab File: VN070925.D

Acq: 3 Feb 2022 13:09

Instrument :

MSVOA_N

ClientSampleId :

VN0203MBS02

Tgt Ion:146 Resp: 318880

Ion Ratio Lower Upper

146 100

111 41.6 18.6 55.6

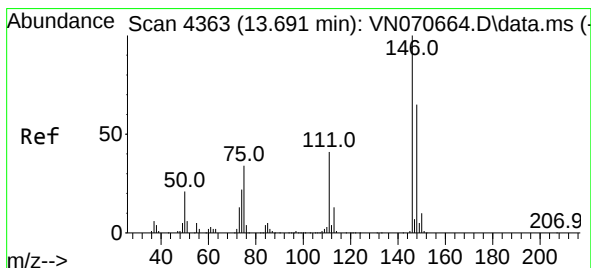
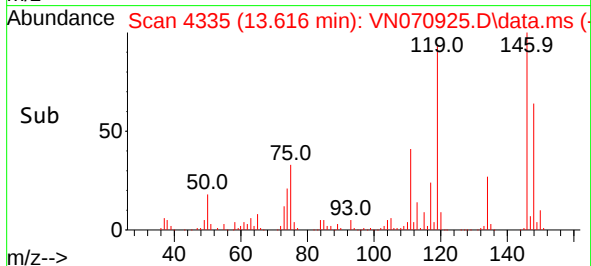
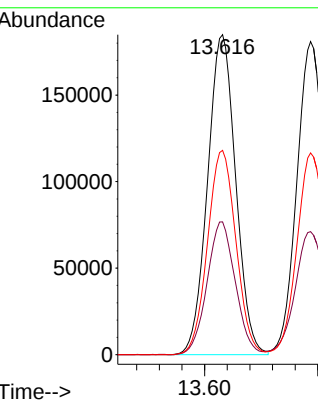
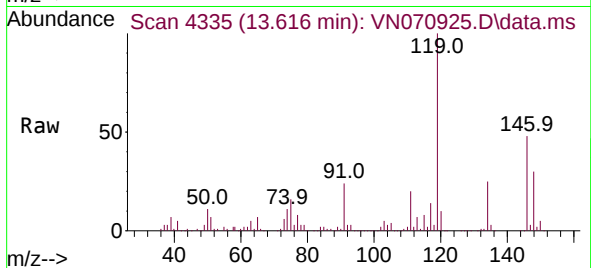
148 64.5 31.6 95.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/07/2022

Supervised By :Mahesh Dadoda 02/08/2022



#88

1,4-Dichlorobenzene

Concen: 19.987 ug/l

RT: 13.694 min Scan# 4364

Delta R.T. -0.000 min

Lab File: VN070925.D

Acq: 3 Feb 2022 13:09

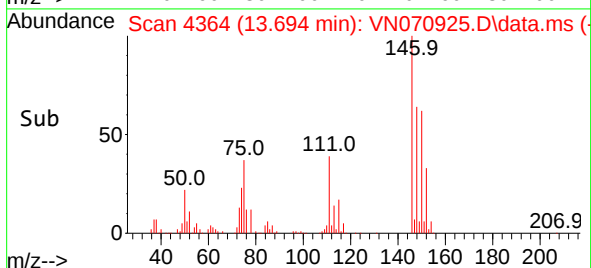
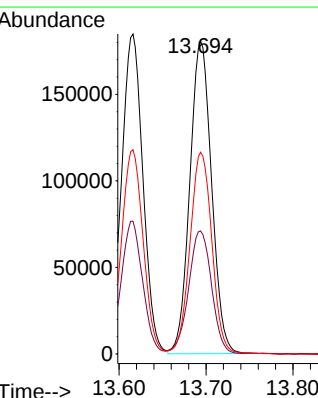
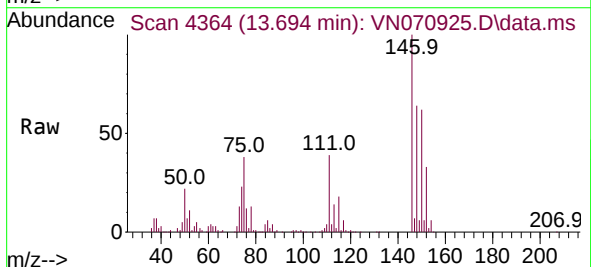
Tgt Ion:146 Resp: 313803

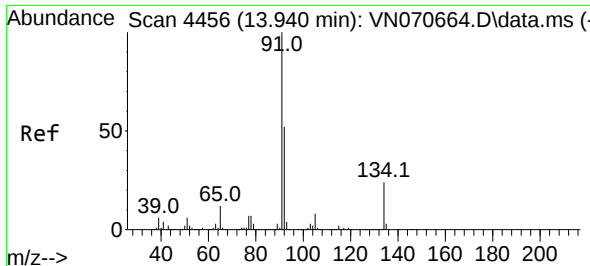
Ion Ratio Lower Upper

146 100

111 41.3 18.3 54.8

148 64.8 31.8 95.4





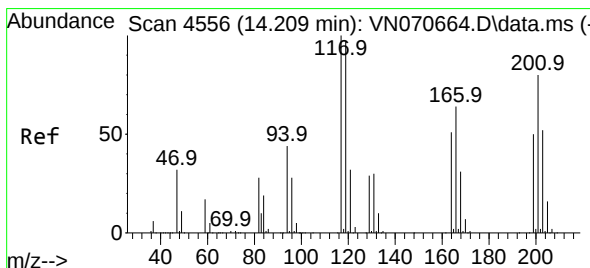
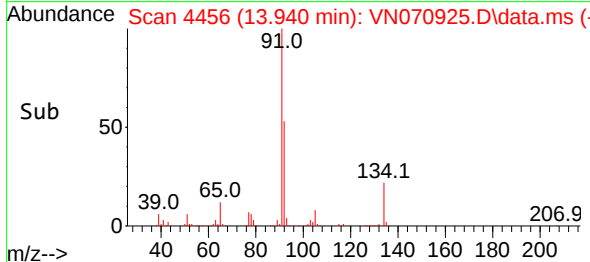
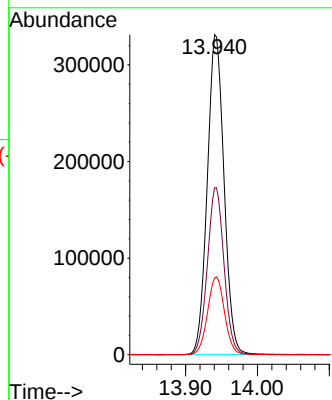
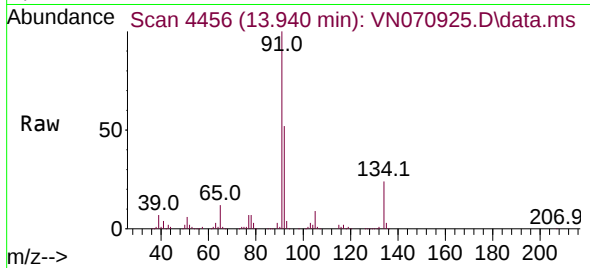
#89
n-Butylbenzene
Concen: 19.838 ug/l
RT: 13.940 min Scan# 4456
Delta R.T. -0.001 min
Lab File: VN070925.D
Acq: 3 Feb 2022 13:09

Instrument :
MSVOA_N
ClientSampleId :
VN0203MBS02

Tgt Ion: 91 Resp: 536738
Ion Ratio Lower Upper
91 100
92 52.0 25.4 76.0
134 24.6 13.6 40.8

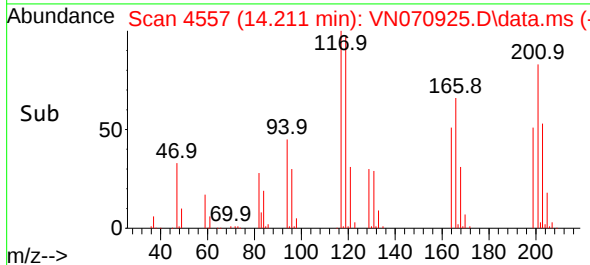
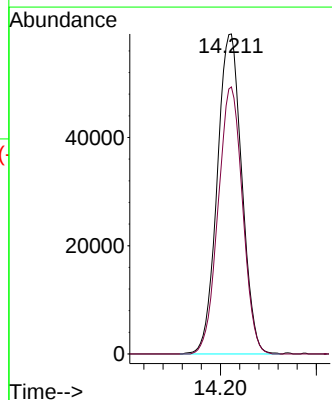
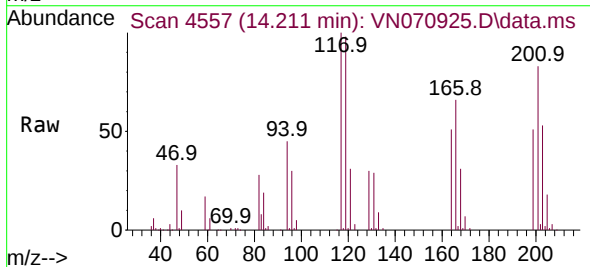
Manual Integrations
APPROVED

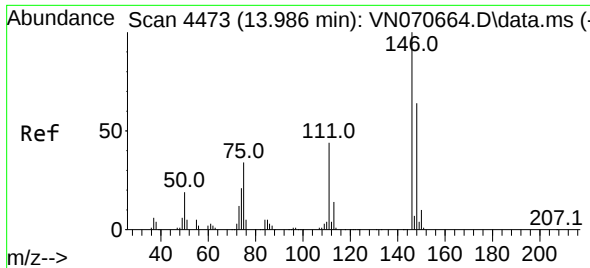
Reviewed By :John Carlone 02/07/2022
Supervised By :Mahesh Dadoda 02/08/2022



#90
Hexachloroethane
Concen: 19.340 ug/l
RT: 14.211 min Scan# 4557
Delta R.T. 0.002 min
Lab File: VN070925.D
Acq: 3 Feb 2022 13:09

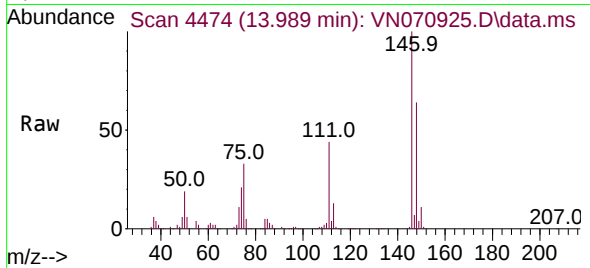
Tgt Ion:117 Resp: 105227
Ion Ratio Lower Upper
117 100
201 82.7 43.9 131.6





#91
1,2-Dichlorobenzene
Concen: 20.471 ug/l
RT: 13.989 min Scan# 4473
Delta R.T. 0.003 min
Lab File: VN070925.D
Acq: 3 Feb 2022 13:09

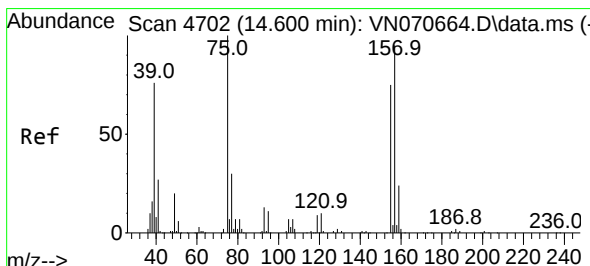
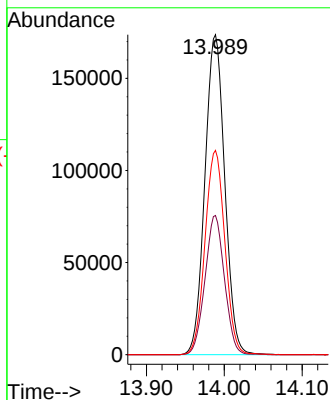
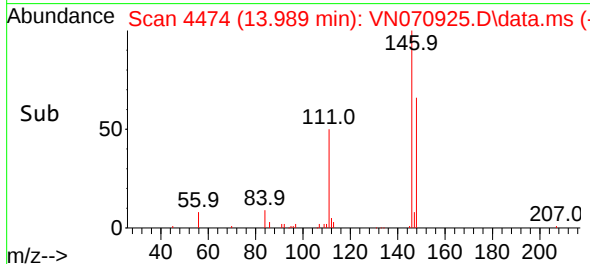
Instrument :
MSVOA_N
ClientSampleId :
VN0203MBS02



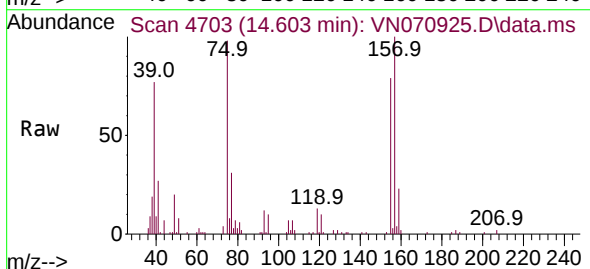
Tgt Ion:146 Resp: 308250
Ion Ratio Lower Upper
146 100
111 42.6 19.1 57.3
148 63.9 32.1 96.3

Manual Integrations
APPROVED

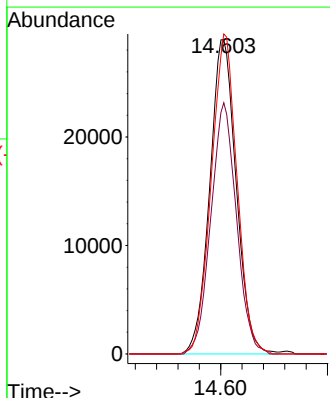
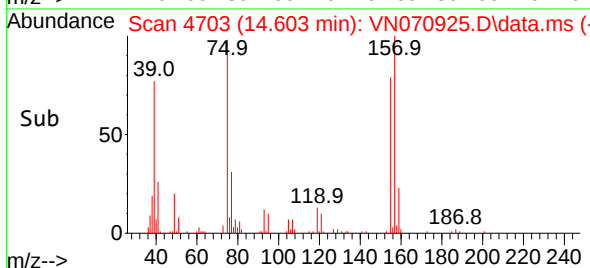
Reviewed By :John Carlone 02/07/2022
Supervised By :Mahesh Dadoda 02/08/2022

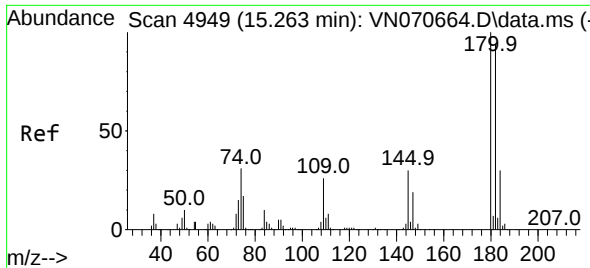


#92
1,2-Dibromo-3-Chloropropane
Concen: 20.169 ug/l
RT: 14.603 min Scan# 4703
Delta R.T. -0.000 min
Lab File: VN070925.D
Acq: 3 Feb 2022 13:09



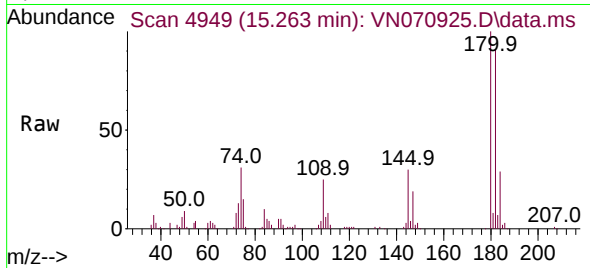
Tgt Ion: 75 Resp: 49827
Ion Ratio Lower Upper
75 100
155 77.1 46.9 140.7
157 99.0 60.6 181.7





#93
1,2,4-Trichlorobenzene
Concen: 19.165 ug/l
RT: 15.263 min Scan# 4949
Delta R.T. -0.000 min
Lab File: VN070925.D
Acq: 3 Feb 2022 13:09

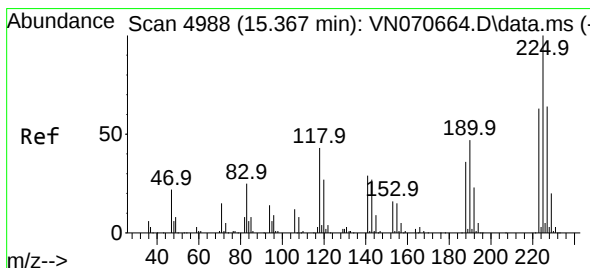
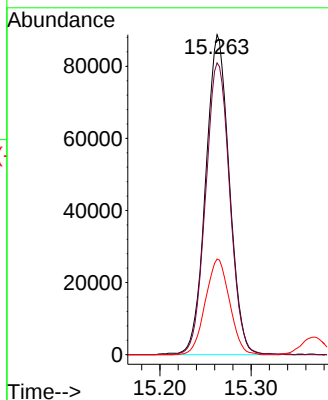
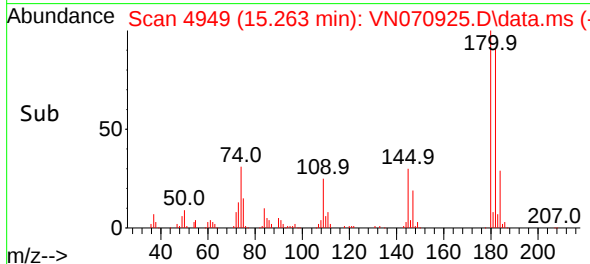
Instrument :
MSVOA_N
ClientSampleId :
VN0203MBS02



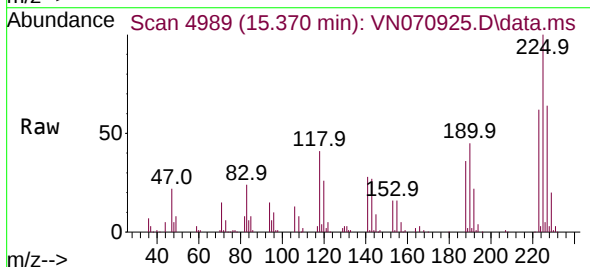
Tgt Ion:180 Resp: 159692
Ion Ratio Lower Upper
180 100
182 93.3 48.3 144.9
145 30.6 14.5 43.5

Manual Integrations
APPROVED

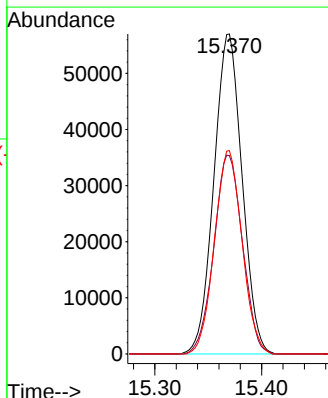
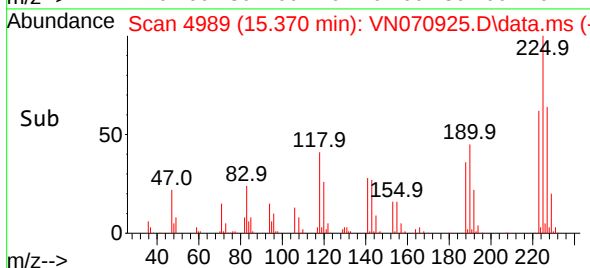
Reviewed By :John Carlone 02/07/2022
Supervised By :Mahesh Dadoda 02/08/2022

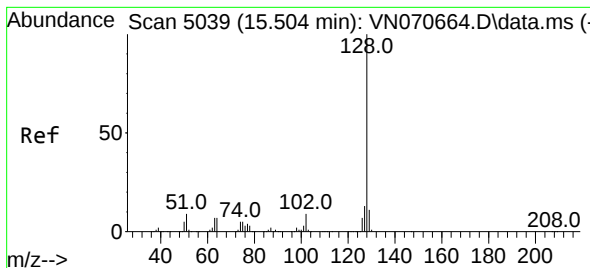


#94
Hexachlorobutadiene
Concen: 20.792 ug/l
RT: 15.370 min Scan# 4989
Delta R.T. 0.003 min
Lab File: VN070925.D
Acq: 3 Feb 2022 13:09



Tgt Ion:225 Resp: 104559
Ion Ratio Lower Upper
225 100
223 63.0 31.9 95.7
227 62.3 32.1 96.3





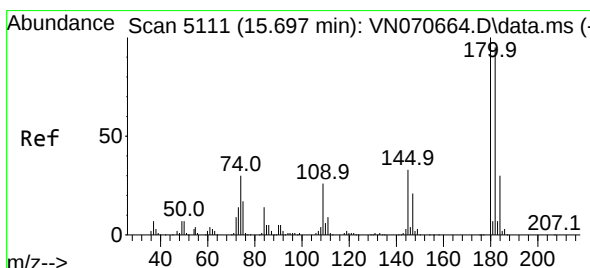
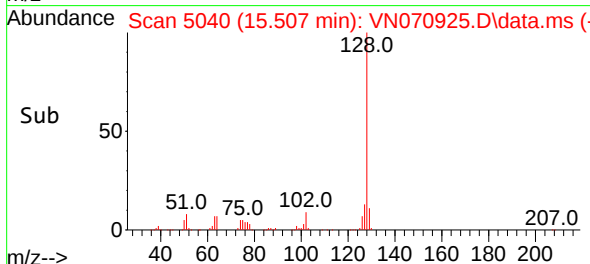
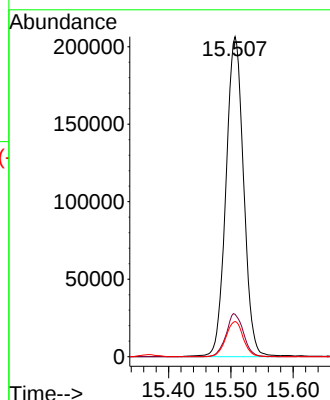
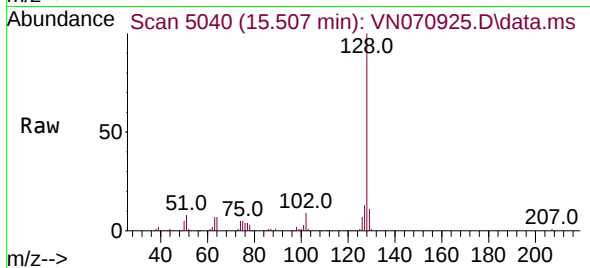
#95
Naphthalene
Concen: 19.455 ug/l
RT: 15.507 min Scan# 5039
Delta R.T. 0.003 min
Lab File: VN070925.D
Acq: 3 Feb 2022 13:09

Instrument :
MSVOA_N
ClientSampleId :
VN0203MBS02

Tgt Ion:128 Resp: 40508
Ion Ratio Lower Upper
128 100
127 13.2 10.5 15.7
129 10.9 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/07/2022
Supervised By :Mahesh Dadoda 02/08/2022



#96
1,2,3-Trichlorobenzene
Concen: 20.315 ug/l
RT: 15.700 min Scan# 5112
Delta R.T. -0.000 min
Lab File: VN070925.D
Acq: 3 Feb 2022 13:09

Tgt Ion:180 Resp: 153131
Ion Ratio Lower Upper
180 100
182 94.2 47.4 142.2
145 32.6 15.0 45.1

