

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020322\
 Data File : VN070924.D
 Acq On : 3 Feb 2022 12:35
 Operator : JC/MD
 Sample : VN0203MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0203MBS01

Manual Integrations
 APPROVED

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

Quant Time: Feb 04 04:41:48 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	743286	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1182967	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1082153	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	465909	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	489455	48.648	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	97.300%
35) Dibromofluoromethane	8.019	113	359952	50.793	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	101.580%
50) Toluene-d8	10.440	98	1471085	50.558	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	101.120%
62) 4-Bromofluorobenzene	12.731	95	518634	49.468	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	98.940%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.073	85	170553	20.680	ug/l	100
3) Chloromethane	2.301	50	170420	16.360	ug/l	99
4) Vinyl Chloride	2.445	62	128782	14.799	ug/l	98
5) Bromomethane	2.858	94	90304	20.289	ug/l	100
6) Chloroethane	3.019	64	82518	20.909	ug/l	97
7) Trichlorofluoromethane	3.376	101	203054	20.895	ug/l	95
8) Diethyl Ether	3.824	74	72911	12.937	ug/l	87
9) 1,1,2-Trichlorotrifluo...	4.205	101	153453	20.928	ug/l	96
10) Methyl Iodide	4.417	142	200212	18.505	ug/l	99
11) Tert butyl alcohol	5.379	59	202622	95.842	ug/l	98
12) 1,1-Dichloroethene	4.178	96	150074	20.035	ug/l	95
13) Acrolein	4.038	56	205346	88.224	ug/l	100
14) Allyl chloride	4.838	41	339537	19.898	ug/l #	84
15) Acrylonitrile	5.556	53	588977	99.761	ug/l	99
16) Acetone	4.288	43	594874	98.881	ug/l	98
17) Carbon Disulfide	4.527	76	449313	19.314	ug/l	99
18) Methyl Acetate	4.856	43	277549	19.955	ug/l	92
19) Methyl tert-butyl Ether	5.618	73	574838	20.100	ug/l	95
20) Methylene Chloride	5.093	84	177675	19.448	ug/l	86
21) trans-1,2-Dichloroethene	5.597	96	157221	19.686	ug/l	87
22) Diisopropyl ether	6.498	45	683309	20.673	ug/l	93
23) Vinyl Acetate	6.433	43	2972201	101.664	ug/l	95
24) 1,1-Dichloroethane	6.385	63	330702	19.871	ug/l	98
25) 2-Butanone	7.337	43	860151	99.052	ug/l	93
26) 2,2-Dichloropropane	7.324	77	258030	19.742	ug/l	98
27) cis-1,2-Dichloroethene	7.327	96	185125	19.626	ug/l	86
28) Bromochloromethane	7.659	49	145077	19.977	ug/l #	78
29) Tetrahydrofuran	7.689	42	571003	101.231	ug/l	88
30) Chloroform	7.817	83	319907	20.206	ug/l	100
31) Cyclohexane	8.094	56	343164	20.075	ug/l	89
32) 1,1,1-Trichloroethane	8.013	97	267296	20.001	ug/l	98
36) 1,1-Dichloropropene	8.222	75	240389	20.880	ug/l	96
37) Ethyl Acetate	7.412	43	334686	21.093	ug/l	97
38) Carbon Tetrachloride	8.206	117	218710	20.802	ug/l	98
39) Methylcyclohexane	9.459	83	301564	21.308	ug/l	87
40) Benzene	8.458	78	739856	20.455	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.638	41	165723	20.787	ug/l #	87
42) 1,2-Dichloroethane	8.531	62	255348	20.738	ug/l	99
43) Isopropyl Acetate	8.563	43	512266	19.205	ug/l #	95
44) Trichloroethene	9.217	130	171198	20.455	ug/l	91
45) 1,2-Dichloropropane	9.491	63	203419	21.003	ug/l	99
46) Dibromomethane	9.577	93	121434	20.929	ug/l	95
47) Bromodichloromethane	9.762	83	243871	20.867	ug/l	98
48) Methyl methacrylate	9.561	41	229085	19.920	ug/l #	83
49) 1,4-Dioxane	9.569	88	81841	424.807	ug/l #	86
51) 4-Methyl-2-Pentanone	10.330	43	1642706	104.629	ug/l	98
52) Toluene	10.505	92	456196	20.356	ug/l	97
53) t-1,3-Dichloropropene	10.719	75	265484	20.128	ug/l	98
54) cis-1,3-Dichloropropene	10.188	75	294361	20.520	ug/l	99
55) 1,1,2-Trichloroethane	10.899	97	174131	20.459	ug/l	98
56) Ethyl methacrylate	10.762	69	295437	19.929	ug/l	89
57) 1,3-Dichloropropane	11.044	76	309703	20.786	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.041	63	275370	82.859	ug/l	91
59) 2-Hexanone	11.084	43	1178868	102.841	ug/l	96
60) Dibromochloromethane	11.237	129	171399	20.304	ug/l	99
61) 1,2-Dibromoethane	11.344	107	179096	20.460	ug/l	99
64) Tetrachloroethene	10.977	164	155436	21.945	ug/l	94
65) Chlorobenzene	11.771	112	456992	20.177	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.840	131	163682	20.706	ug/l	99
67) Ethyl Benzene	11.846	91	854750	20.702	ug/l	96
68) m/p-Xylenes	11.953	106	641784	41.952	ug/l	93
69) o-Xylene	12.280	106	312245	20.394	ug/l	94
70) Styrene	12.294	104	508422	21.070	ug/l	96
71) Bromoform	12.457	173	128582	19.700	ug/l #	98
73) Isopropylbenzene	12.578	105	813499	20.012	ug/l	98
74) N-amyl acetate	12.387	43	343342	18.859	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.827	83	278124	19.753	ug/l	99
76) 1,2,3-Trichloropropane	12.878	75	213042m	18.997	ug/l	
77) Bromobenzene	12.859	156	187111	19.201	ug/l	77
78) n-propylbenzene	12.921	91	945126	20.387	ug/l	96
79) 2-Chlorotoluene	13.007	91	575334	19.959	ug/l	92
80) 1,3,5-Trimethylbenzene	13.058	105	674221	20.460	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.623	75	79307	19.169	ug/l	95
82) 4-Chlorotoluene	13.104	91	565943	20.370	ug/l	91
83) tert-Butylbenzene	13.323	119	568909	19.796	ug/l	94
84) 1,2,4-Trimethylbenzene	13.366	105	659117	20.454	ug/l	96
85) sec-Butylbenzene	13.500	105	820461	20.406	ug/l	97
86) p-Isopropyltoluene	13.616	119	656844	20.716	ug/l	96
87) 1,3-Dichlorobenzene	13.613	146	329541	20.329	ug/l	97
88) 1,4-Dichlorobenzene	13.694	146	315210	19.439	ug/l	95
89) n-Butylbenzene	13.943	91	550933	19.717	ug/l	97
90) Hexachloroethane	14.209	117	110540	19.672	ug/l	92
91) 1,2-Dichlorobenzene	13.986	146	314191	20.204	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.603	75	49754	19.500	ug/l	80
93) 1,2,4-Trichlorobenzene	15.263	180	158194	18.383	ug/l	97
94) Hexachlorobutadiene	15.370	225	106518	20.509	ug/l	98
95) Naphthalene	15.507	128	380964	18.032	ug/l	99
96) 1,2,3-Trichlorobenzene	15.700	180	151270	19.505	ug/l	99

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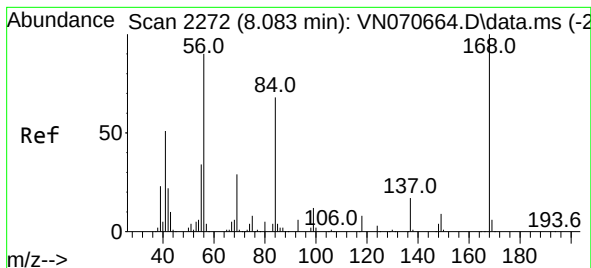
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APPROVED

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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

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Instrument :

MSVOA_N

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Tgt Ion:168 Resp: 743280

Ion Ratio Lower Upper

168 100

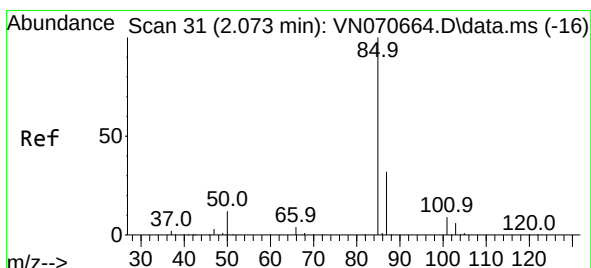
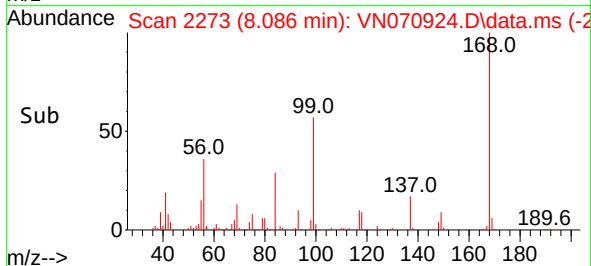
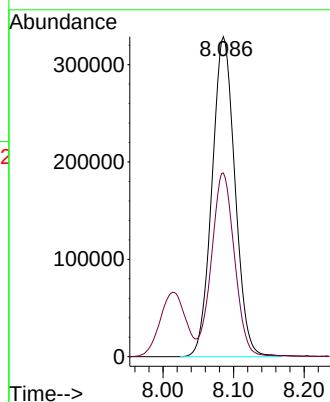
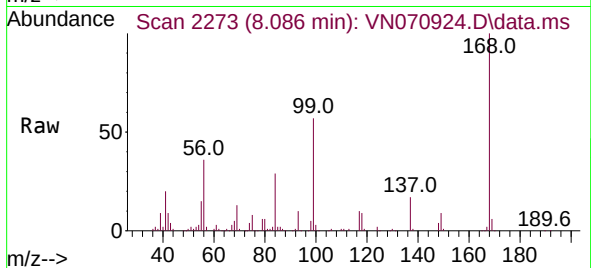
99 57.1 41.3 61.9

Manual Integrations

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#2

Dichlorodifluoromethane

Concen: 20.680 ug/l

RT: 2.073 min Scan# 31

Delta R.T. -0.000 min

Lab File: VN070924.D

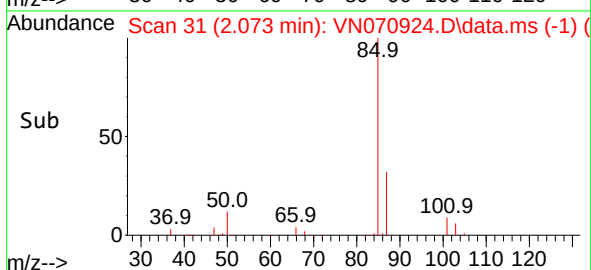
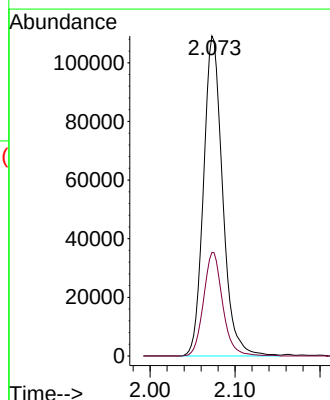
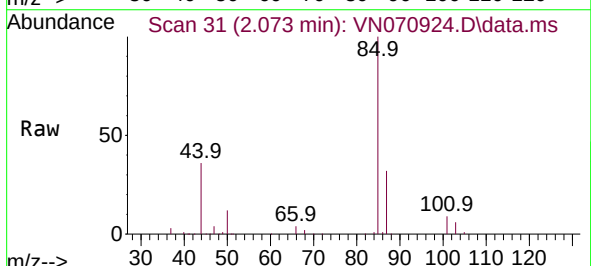
Acq: 3 Feb 2022 12:35

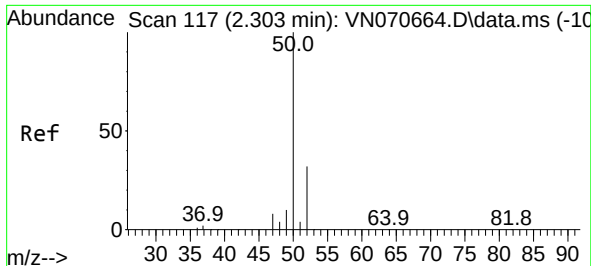
Tgt Ion: 85 Resp: 170553

Ion Ratio Lower Upper

85 100

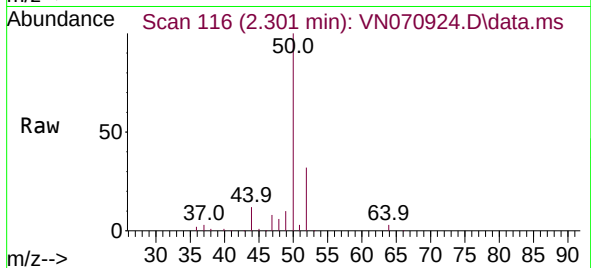
87 32.3 16.3 48.9





#3
Chloromethane
Concen: 16.360 ug/l
RT: 2.301 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN070924.D
Acq: 3 Feb 2022 12:35

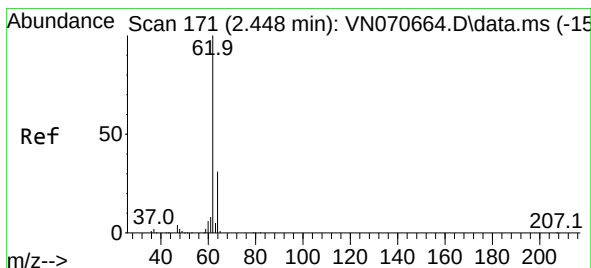
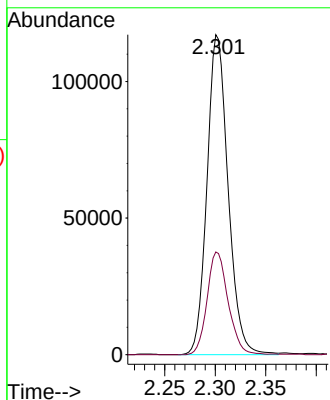
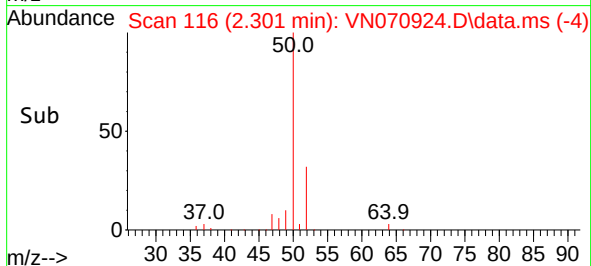
Instrument :
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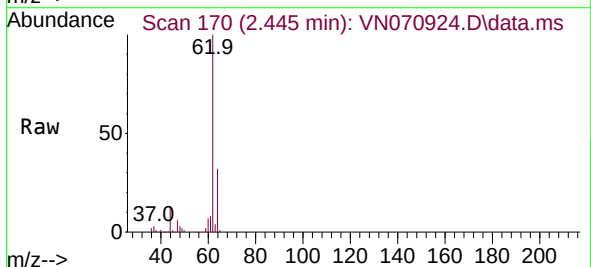
Tgt Ion: 50 Resp: 170420
Ion Ratio Lower Upper
50 100
52 32.1 25.4 38.0

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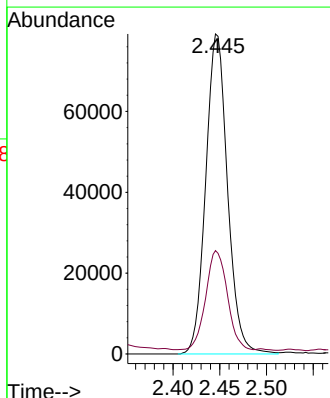
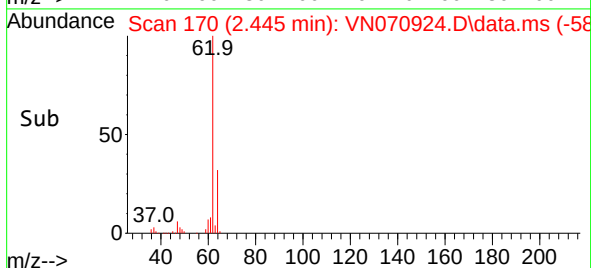
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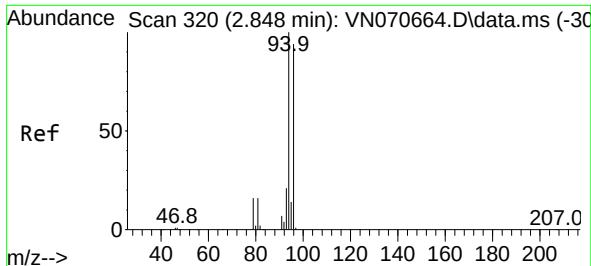


#4
Vinyl Chloride
Concen: 14.799 ug/l
RT: 2.445 min Scan# 170
Delta R.T. -0.001 min
Lab File: VN070924.D
Acq: 3 Feb 2022 12:35



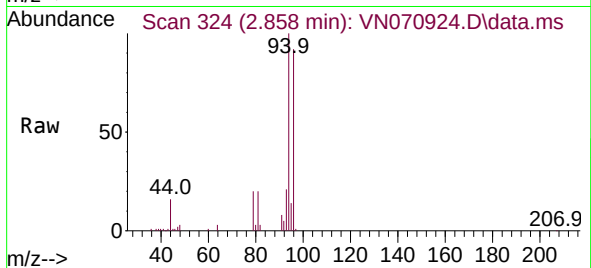
Tgt Ion: 62 Resp: 128782
Ion Ratio Lower Upper
62 100
64 31.2 25.8 38.6





#5
Bromomethane
Concen: 20.289 ug/l
RT: 2.858 min Scan# 31
Delta R.T. 0.026 min
Lab File: VN070924.D
Acq: 3 Feb 2022 12:35

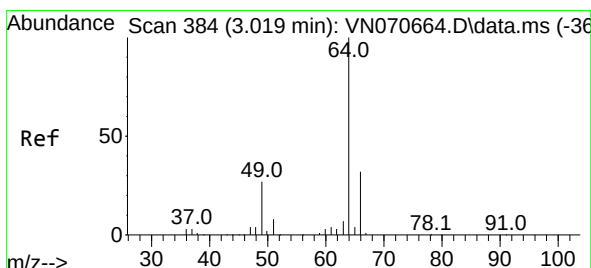
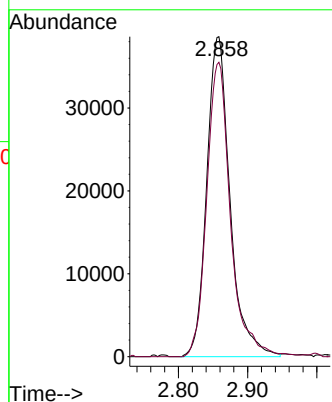
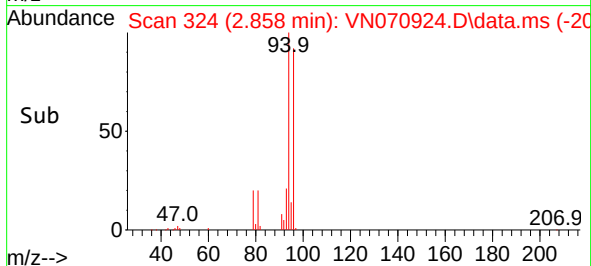
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Tgt Ion: 94 Resp: 90304
Ion Ratio Lower Upper
94 100
96 92.0 73.8 110.8

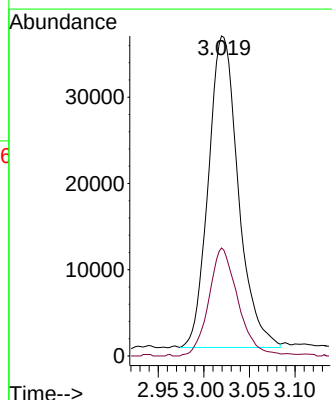
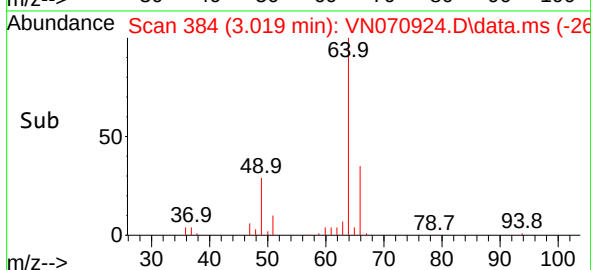
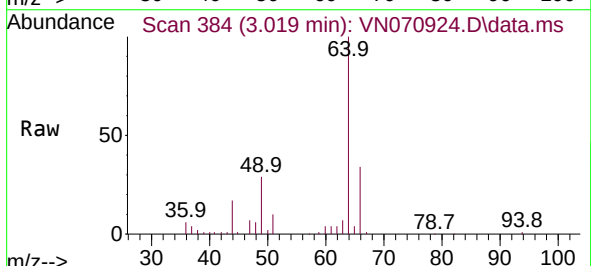
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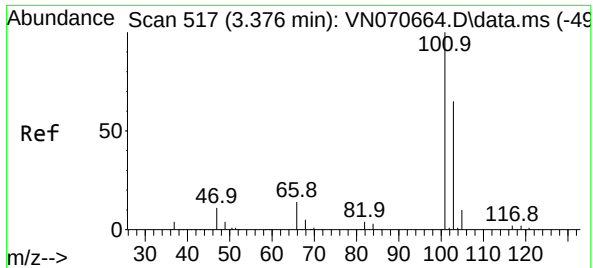
Reviewed By :John Carlone 02/07/2022
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#6
Chloroethane
Concen: 20.909 ug/l
RT: 3.019 min Scan# 384
Delta R.T. 0.010 min
Lab File: VN070924.D
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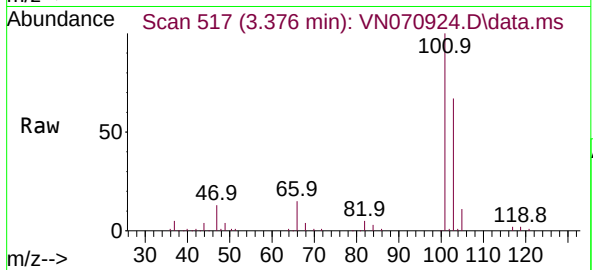
Tgt Ion: 64 Resp: 82518
Ion Ratio Lower Upper
64 100
66 34.7 26.3 39.5





#7
Trichlorofluoromethane
Concen: 20.895 ug/l
RT: 3.376 min Scan# 517
Delta R.T. 0.005 min
Lab File: VN070924.D
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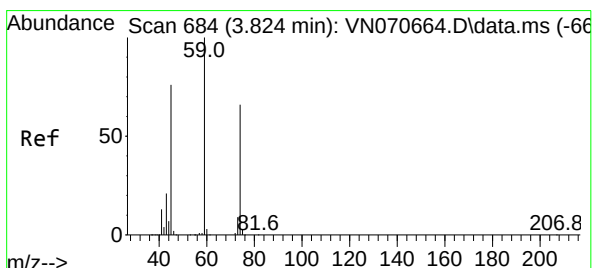
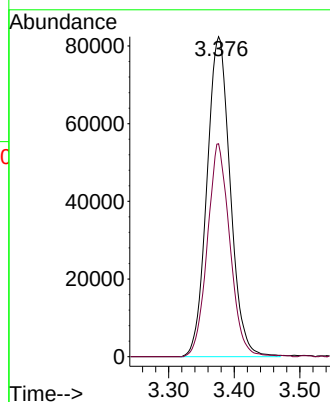
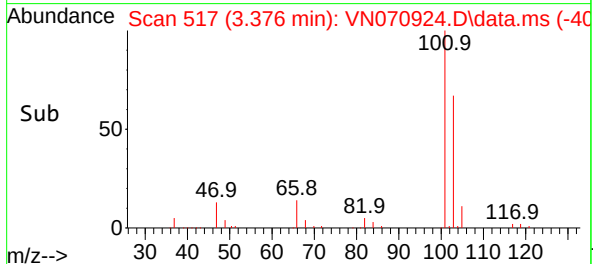
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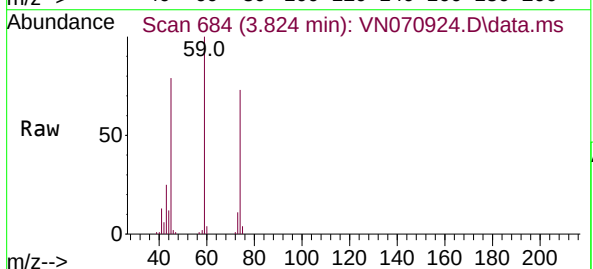
Tgt Ion:101 Resp: 203054
Ion Ratio Lower Upper
101 100
103 66.6 50.1 75.1

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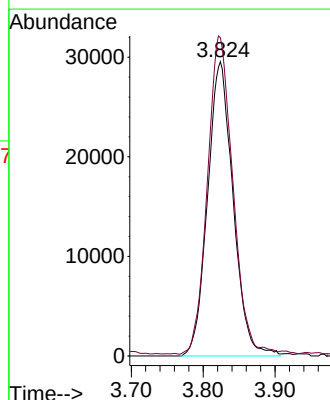
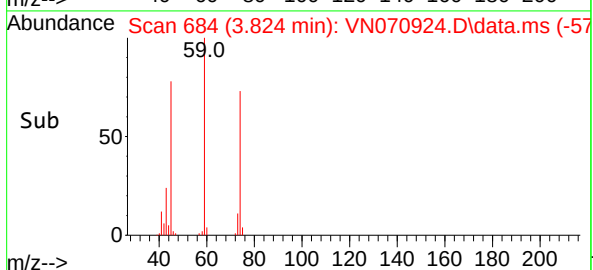
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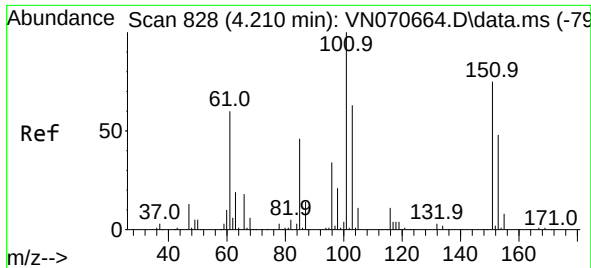


#8
Diethyl Ether
Concen: 12.937 ug/l
RT: 3.824 min Scan# 684
Delta R.T. 0.003 min
Lab File: VN070924.D
Acq: 3 Feb 2022 12:35



Tgt Ion: 74 Resp: 72911
Ion Ratio Lower Upper
74 100
45 106.6 47.0 141.2





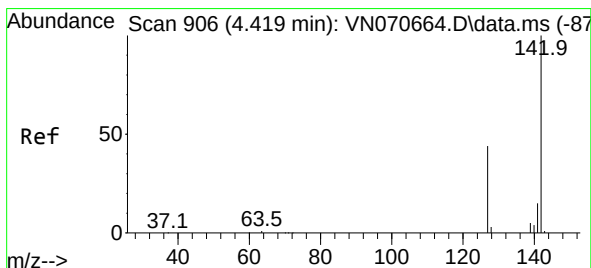
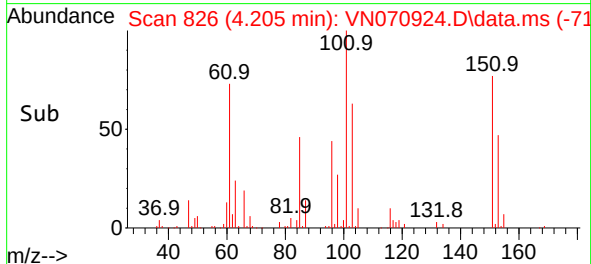
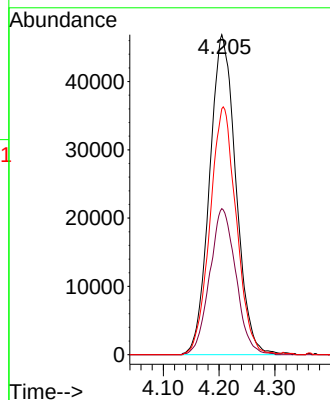
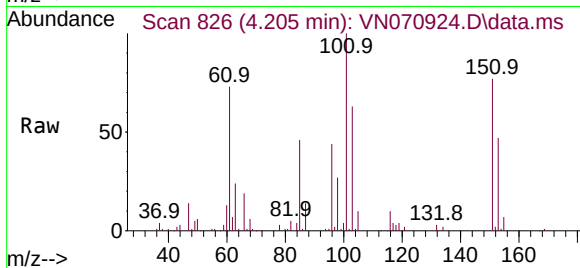
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.928 ug/l
RT: 4.205 min Scan# 81
Delta R.T. -0.000 min
Lab File: VN070924.D
Acq: 3 Feb 2022 12:35

Instrument :
MSVOA_N
ClientSampleId :
VN0203MBS01

Tgt Ion:101 Resp: 15345
Ion Ratio Lower Upper
101 100
85 45.4 37.2 55.8
151 77.5 65.9 98.9

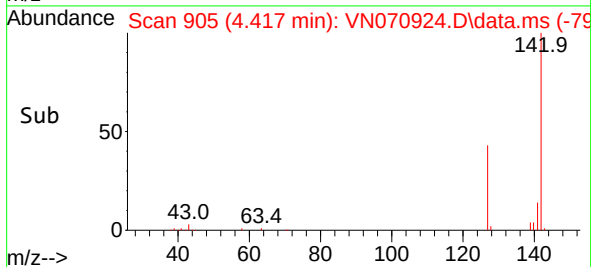
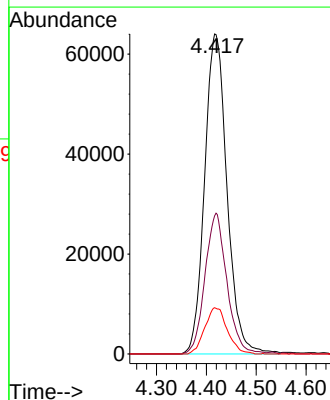
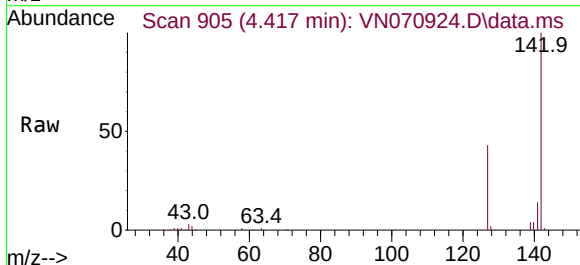
Manual Integrations
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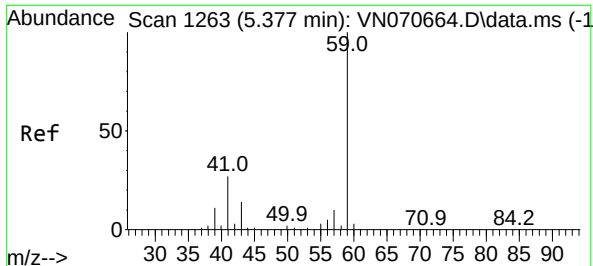
Reviewed By :John Carlone 02/07/2022
Supervised By :Mahesh Dadoda 02/08/2022



#10
Methyl Iodide
Concen: 18.505 ug/l
RT: 4.417 min Scan# 905
Delta R.T. -0.000 min
Lab File: VN070924.D
Acq: 3 Feb 2022 12:35

Tgt Ion:142 Resp: 200212
Ion Ratio Lower Upper
142 100
127 42.9 35.4 53.0
141 14.6 11.6 17.4





#11

Tert butyl alcohol

Concen: 95.842 ug/l

RT: 5.379 min Scan# 11

Delta R.T. -0.003 min

Lab File: VN070924.D

Acq: 3 Feb 2022 12:35

Instrument :

MSVOA_N

ClientSampleId :

VN0203MBS01

Tgt Ion: 59 Resp: 20262

Ion Ratio Lower Upper

59 100

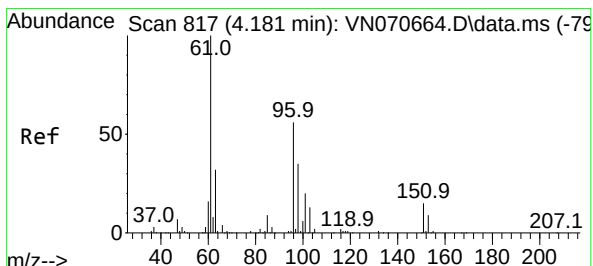
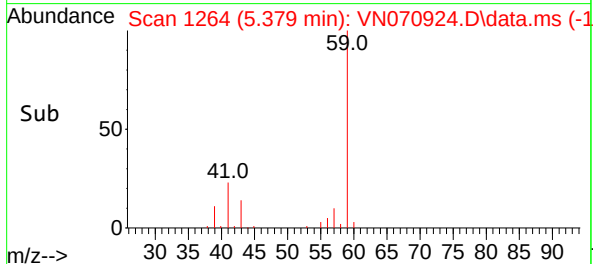
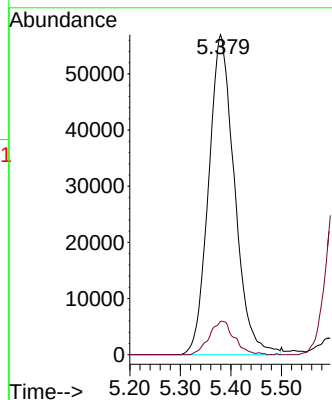
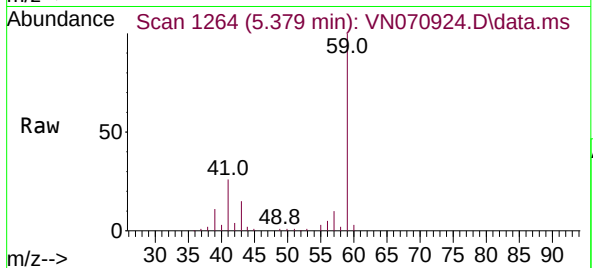
57 10.0 8.7 13.1

Manual Integrations

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Reviewed By :John Carlone 02/07/2022

Supervised By :Mahesh Dadoda 02/08/2022



#12

1,1-Dichloroethene

Concen: 20.035 ug/l

RT: 4.178 min Scan# 816

Delta R.T. 0.003 min

Lab File: VN070924.D

Acq: 3 Feb 2022 12:35

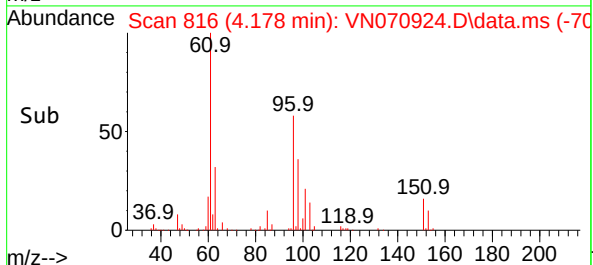
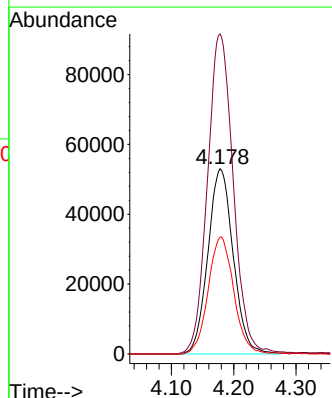
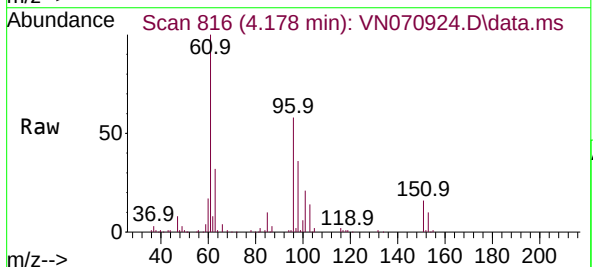
Tgt Ion: 96 Resp: 150074

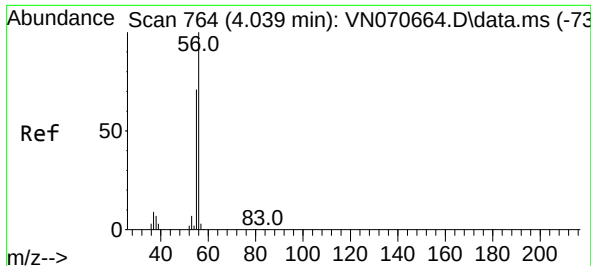
Ion Ratio Lower Upper

96 100

61 172.2 131.0 196.6

98 63.0 52.4 78.6





#13

Acrolein

Concen: 88.224 ug/l

RT: 4.038 min Scan# 70

Delta R.T. -0.001 min

Lab File: VN070924.D

Acq: 3 Feb 2022 12:35

Instrument :

MSVOA_N

ClientSampleId :

VN0203MBS01

Tgt Ion: 56 Resp: 205340

Ion Ratio Lower Upper

56 100

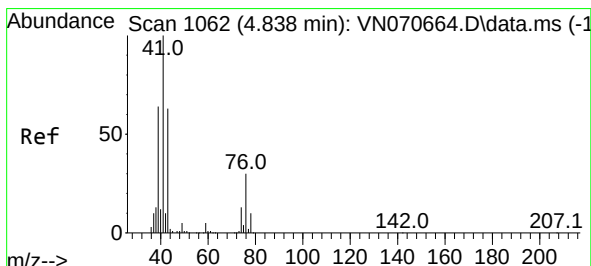
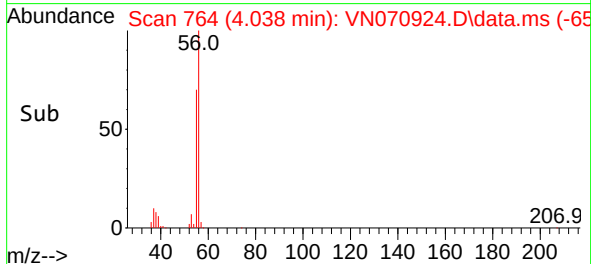
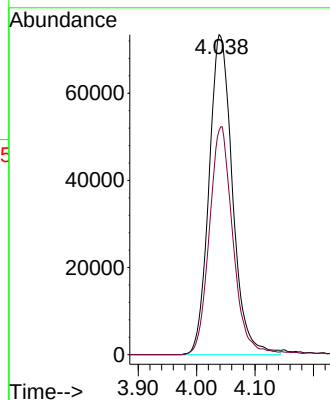
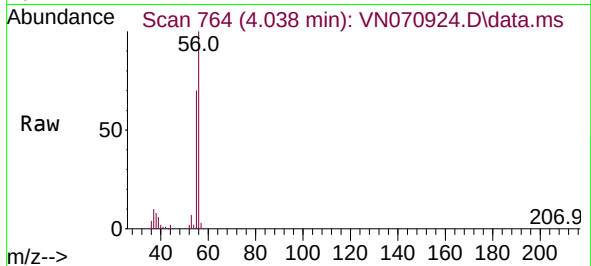
55 71.1 56.6 85.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/07/2022

Supervised By :Mahesh Dadoda 02/08/2022



#14

Allyl chloride

Concen: 19.898 ug/l

RT: 4.838 min Scan# 1062

Delta R.T. -0.000 min

Lab File: VN070924.D

Acq: 3 Feb 2022 12:35

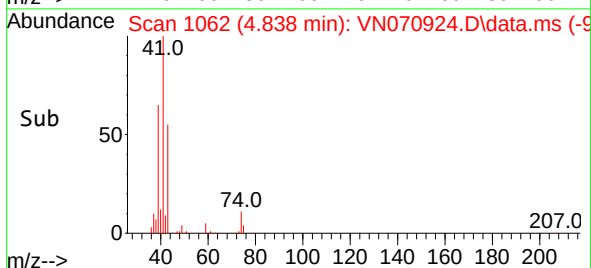
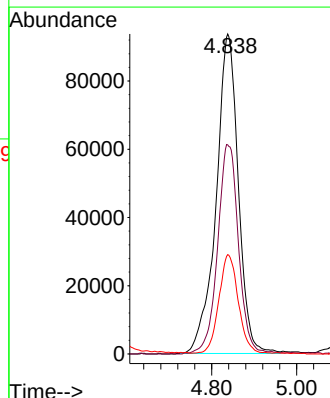
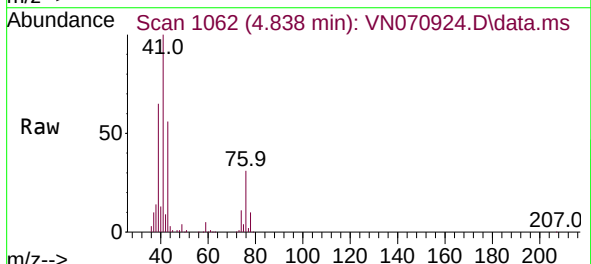
Tgt Ion: 41 Resp: 339537

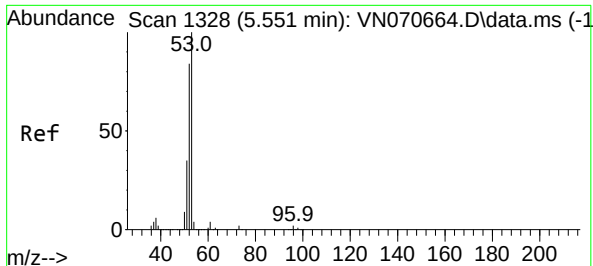
Ion Ratio Lower Upper

41 100

39 60.8 61.2 91.8#

76 26.7 26.0 39.0





#15

Acrylonitrile

Concen: 99.761 ug/l

RT: 5.556 min Scan# 11

Delta R.T. 0.005 min

Lab File: VN070924.D

Acq: 3 Feb 2022 12:35

Instrument :

MSVOA_N

ClientSampleId :

VN0203MBS01

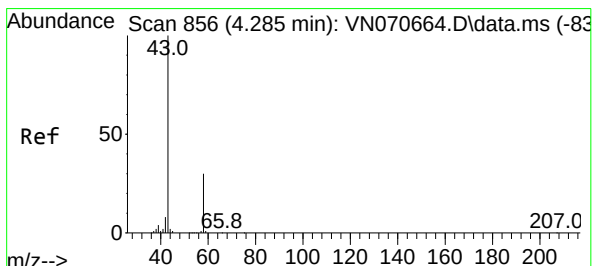
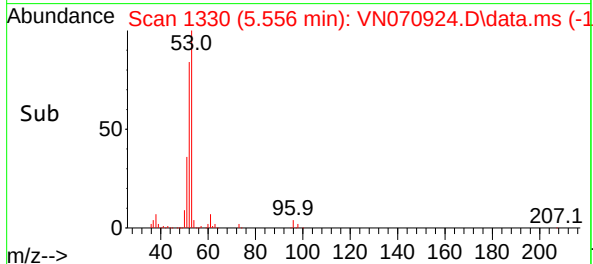
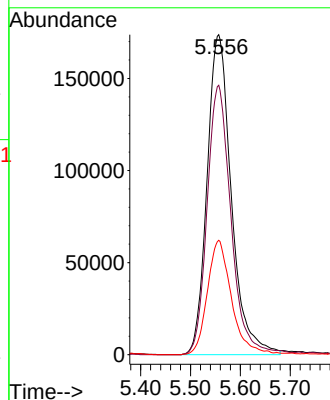
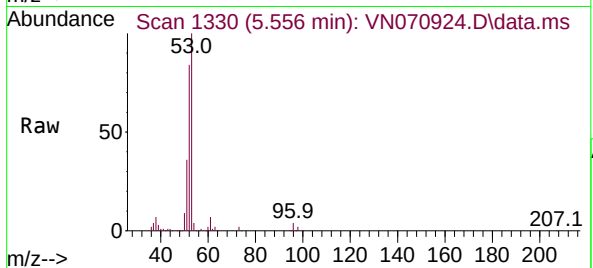
Tgt Ion: 53	Resp: 58897
Ion Ratio	Lower Upper
53 100	
52 82.9	66.2 99.2
51 35.1	29.6 44.4

Manual Integrations

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Reviewed By :John Carlone 02/07/2022

Supervised By :Mahesh Dadoda 02/08/2022



#16

Acetone

Concen: 98.881 ug/l

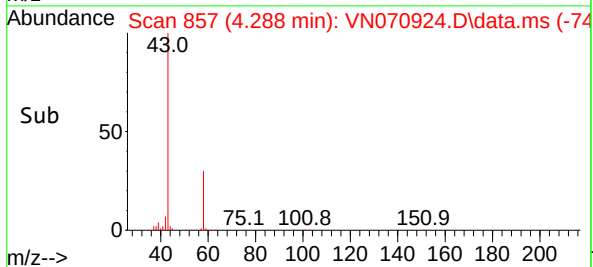
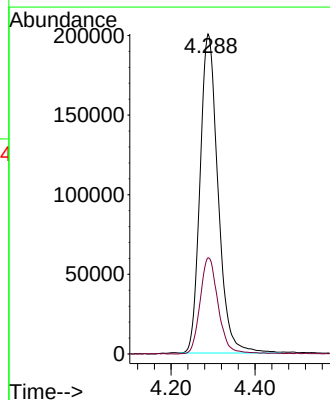
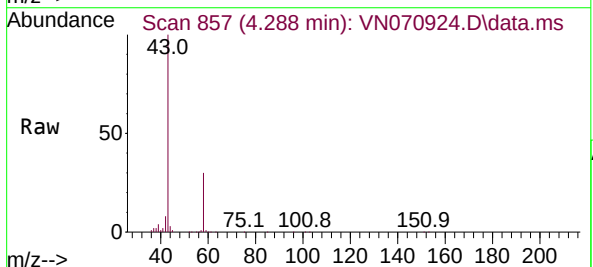
RT: 4.288 min Scan# 857

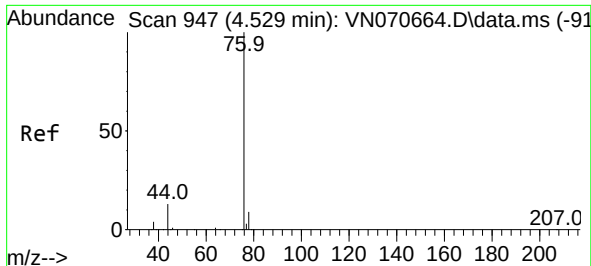
Delta R.T. 0.003 min

Lab File: VN070924.D

Acq: 3 Feb 2022 12:35

Tgt Ion: 43	Resp: 594874
Ion Ratio	Lower Upper
43 100	
58 30.1	23.1 34.7





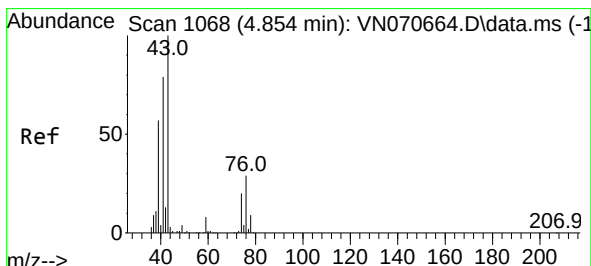
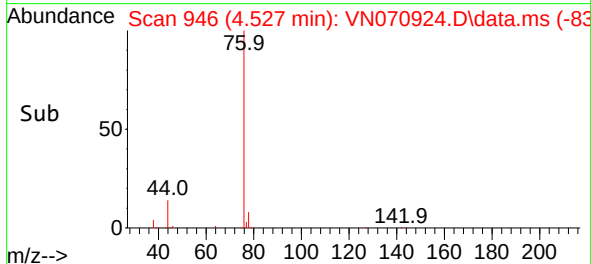
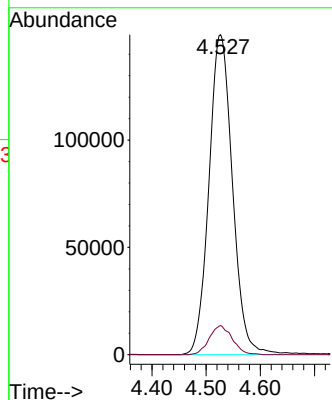
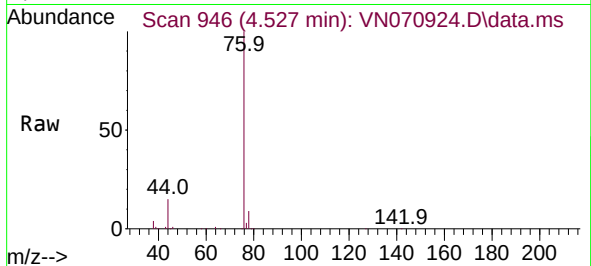
#17
Carbon Disulfide
Concen: 19.314 ug/l
RT: 4.527 min Scan# 947
Delta R.T. 0.003 min
Lab File: VN070924.D
Acq: 3 Feb 2022 12:35

Instrument :
MSVOA_N
ClientSampleId :
VN0203MBS01

Tgt Ion: 76 Resp: 44931
Ion Ratio Lower Upper
76 100
78 9.1 7.5 11.3

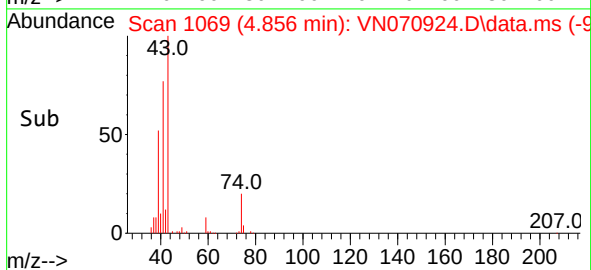
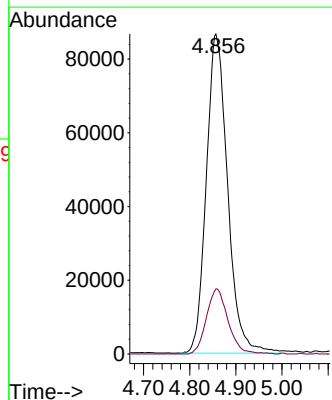
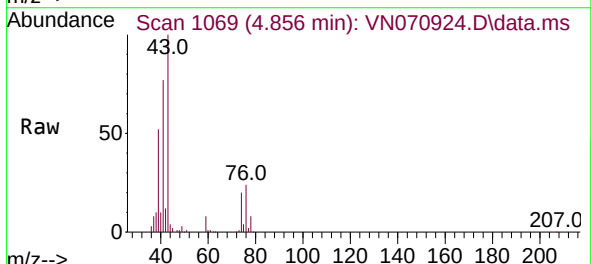
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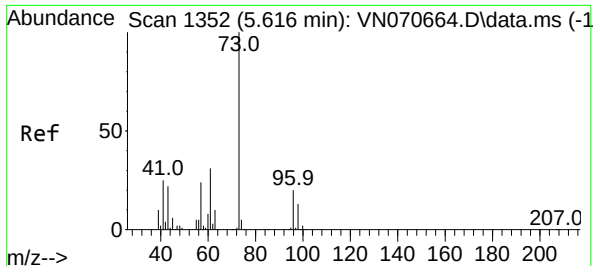
Reviewed By :John Carlone 02/07/2022
Supervised By :Mahesh Dadoda 02/08/2022



#18
Methyl Acetate
Concen: 19.955 ug/l
RT: 4.856 min Scan# 1069
Delta R.T. 0.002 min
Lab File: VN070924.D
Acq: 3 Feb 2022 12:35

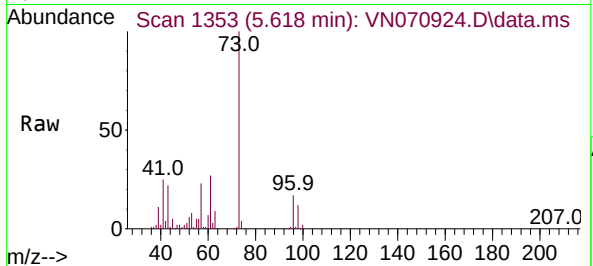
Tgt Ion: 43 Resp: 277549
Ion Ratio Lower Upper
43 100
74 20.6 19.4 29.2





#19
Methyl tert-butyl Ether
Concen: 20.100 ug/l
RT: 5.618 min Scan# 1157
Delta R.T. 0.002 min
Lab File: VN070924.D
Acq: 3 Feb 2022 12:35

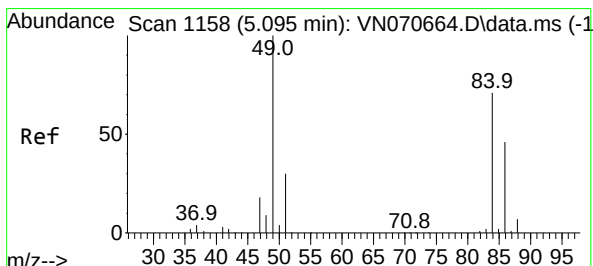
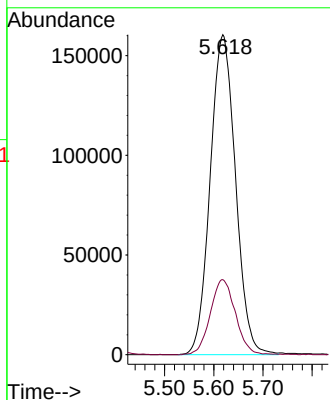
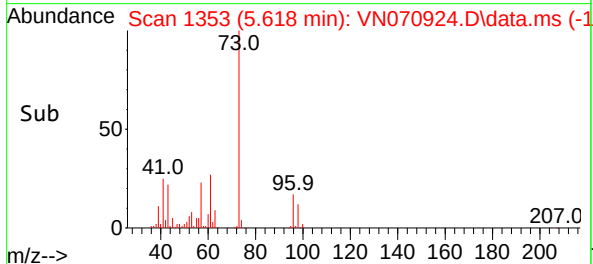
Instrument :
MSVOA_N
ClientSampleId :
VN0203MBS01



Tgt Ion: 73 Resp: 574838
Ion Ratio Lower Upper
73 100
57 23.4 16.8 25.2

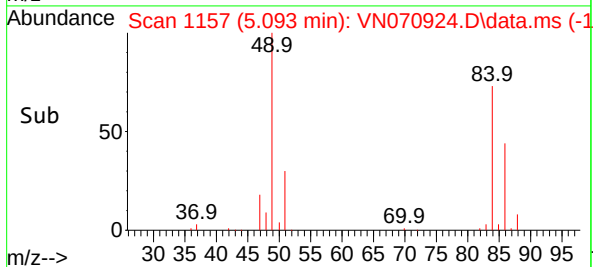
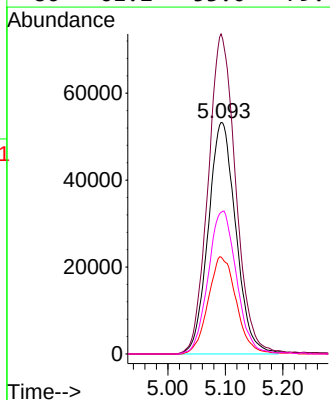
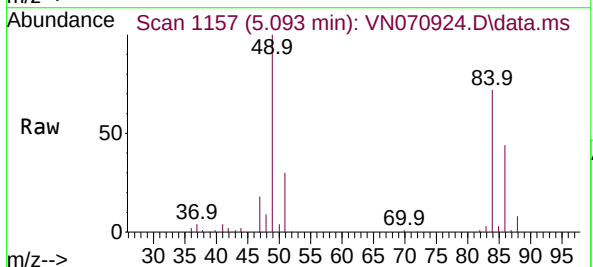
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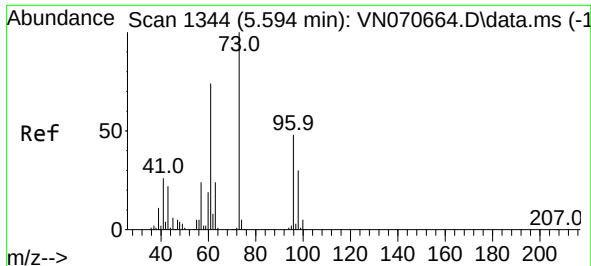
Reviewed By :John Carlone 02/07/2022
Supervised By :Mahesh Dadoda 02/08/2022



#20
Methylene Chloride
Concen: 19.448 ug/l
RT: 5.093 min Scan# 1157
Delta R.T. 0.003 min
Lab File: VN070924.D
Acq: 3 Feb 2022 12:35

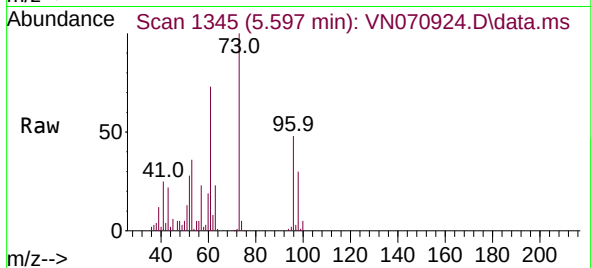
Tgt Ion: 84 Resp: 177675
Ion Ratio Lower Upper
84 100
49 138.3 93.5 140.3
51 41.9 29.4 44.2
86 61.2 53.0 79.4





#21
trans-1,2-Dichloroethene
Concen: 19.686 ug/l
RT: 5.597 min Scan# 11
Delta R.T. 0.003 min
Lab File: VN070924.D
Acq: 3 Feb 2022 12:35

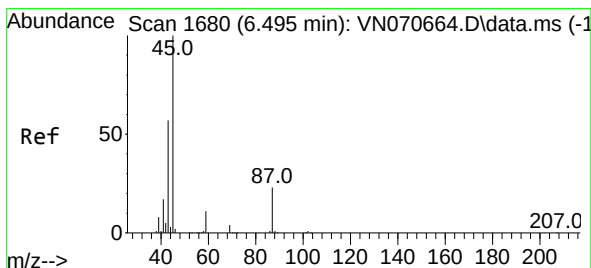
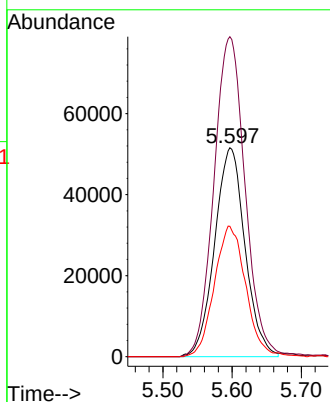
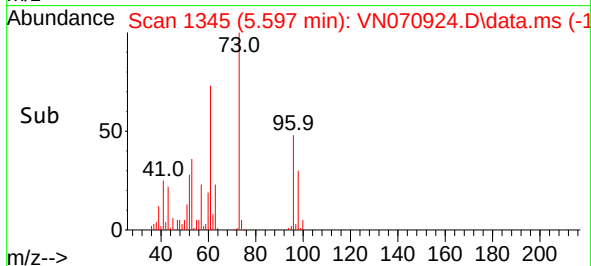
Instrument :
MSVOA_N
ClientSampleId :
VN0203MBS01



Tgt Ion: 96 Resp: 15722
Ion Ratio Lower Upper
96 100
61 153.1 105.8 158.6
98 62.4 52.0 78.0

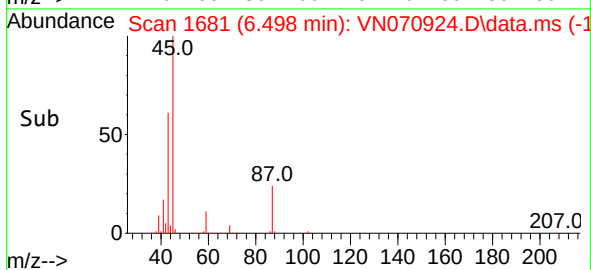
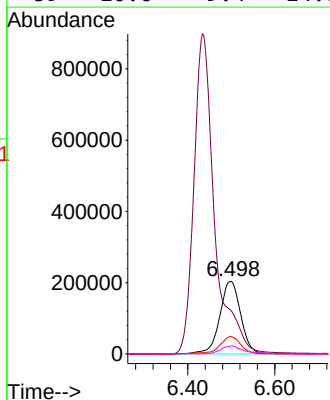
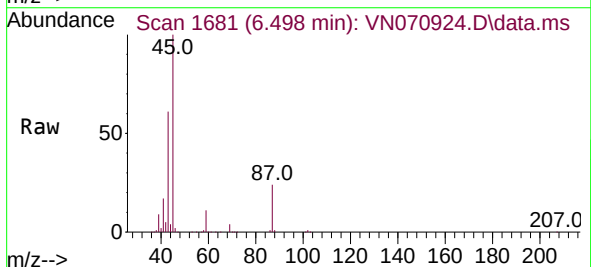
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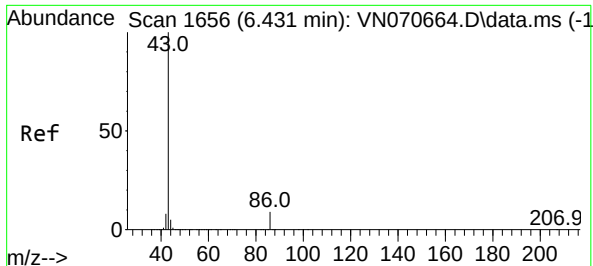
Reviewed By :John Carlone 02/07/2022
Supervised By :Mahesh Dadoda 02/08/2022



#22
Diisopropyl ether
Concen: 20.673 ug/l
RT: 6.498 min Scan# 1681
Delta R.T. 0.003 min
Lab File: VN070924.D
Acq: 3 Feb 2022 12:35

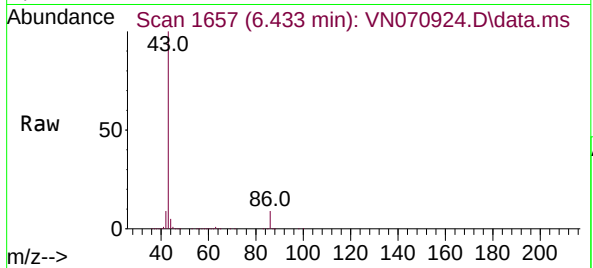
Tgt Ion: 45 Resp: 683309
Ion Ratio Lower Upper
45 100
43 58.9 51.7 77.5
87 23.8 23.2 34.8
59 10.6 9.4 14.0





#23
 Vinyl Acetate
 Concen: 101.664 ug/l
 RT: 6.433 min Scan# 1657
 Delta R.T. -0.001 min
 Lab File: VN070924.D
 Acq: 3 Feb 2022 12:35

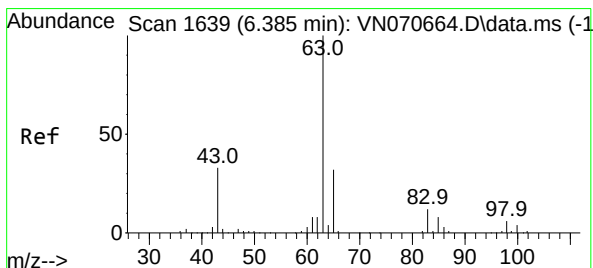
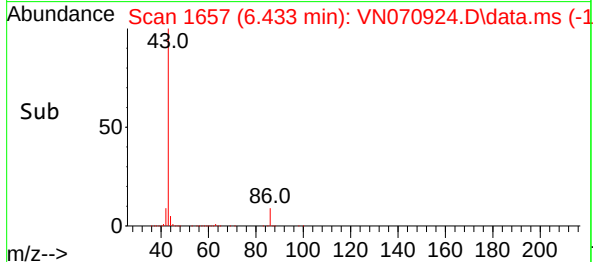
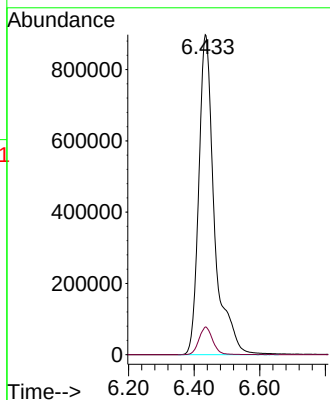
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0203MBS01



Tgt Ion: 43 Resp: 297220
 Ion Ratio Lower Upper
 43 100
 86 8.7 8.5 12.7

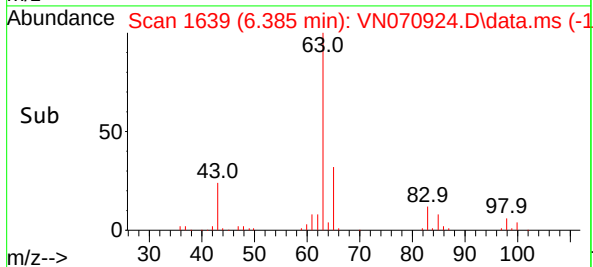
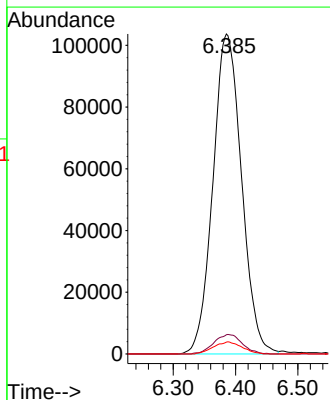
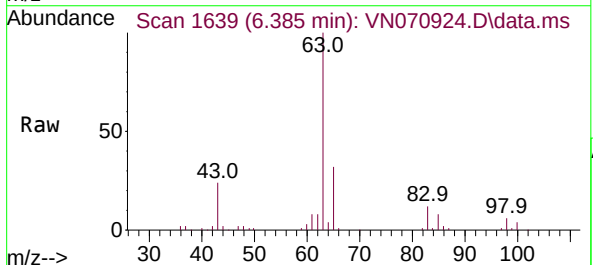
Manual Integrations
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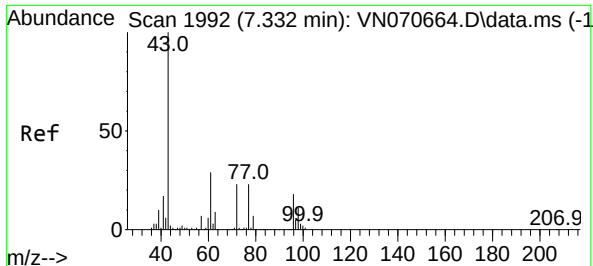
Reviewed By :John Carlone 02/07/2022
 Supervised By :Mahesh Dadoda 02/08/2022



#24
 1,1-Dichloroethane
 Concen: 19.871 ug/l
 RT: 6.385 min Scan# 1639
 Delta R.T. 0.000 min
 Lab File: VN070924.D
 Acq: 3 Feb 2022 12:35

Tgt Ion: 63 Resp: 330702
 Ion Ratio Lower Upper
 63 100
 98 6.0 3.3 9.9
 100 3.7 2.1 6.5





#25

2-Butanone

Concen: 99.052 ug/l

RT: 7.337 min Scan# 1992

Delta R.T. 0.002 min

Lab File: VN070924.D

Acq: 3 Feb 2022 12:35

Instrument :

MSVOA_N

ClientSampleId :

VN0203MBS01

Tgt Ion: 43 Resp: 86015

Ion Ratio Lower Upper

43 100

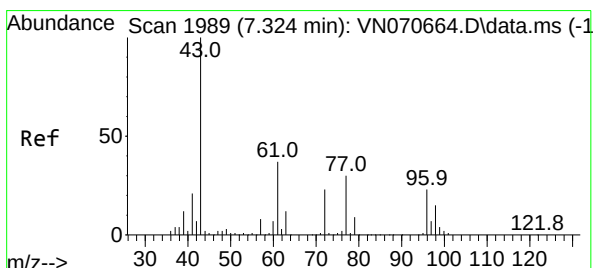
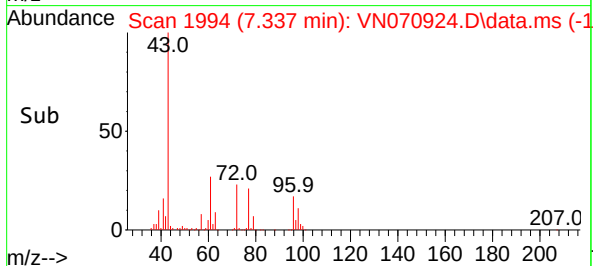
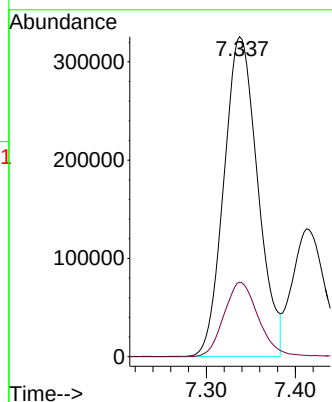
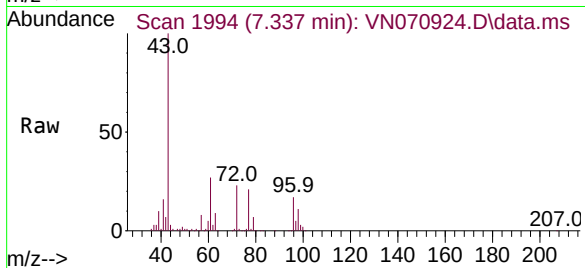
72 23.3 21.7 32.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/07/2022

Supervised By :Mahesh Dadoda 02/08/2022



#26

2,2-Dichloropropane

Concen: 19.742 ug/l

RT: 7.324 min Scan# 1989

Delta R.T. 0.003 min

Lab File: VN070924.D

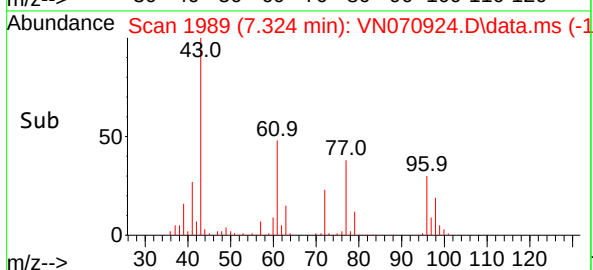
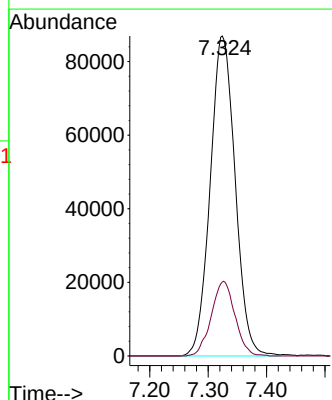
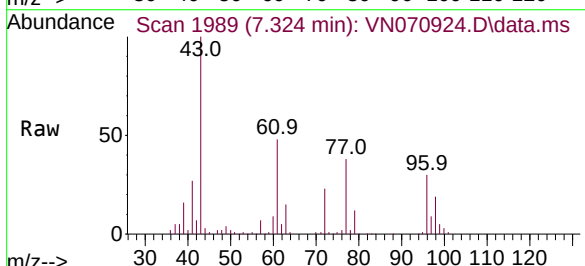
Acq: 3 Feb 2022 12:35

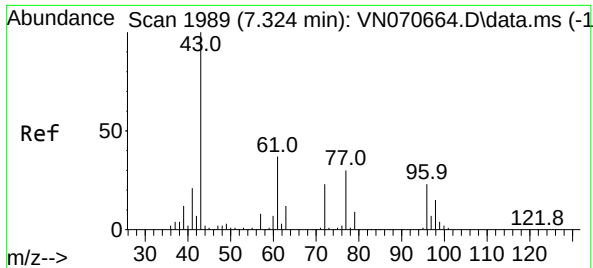
Tgt Ion: 77 Resp: 258030

Ion Ratio Lower Upper

77 100

97 22.2 11.6 34.8





#27

cis-1,2-Dichloroethene

Concen: 19.626 ug/l

RT: 7.327 min Scan# 1989

Delta R.T. 0.003 min

Lab File: VN070924.D

Acq: 3 Feb 2022 12:35

Instrument :

MSVOA_N

ClientSampleId :

VN0203MBS01

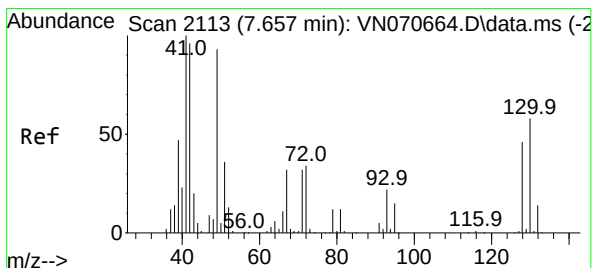
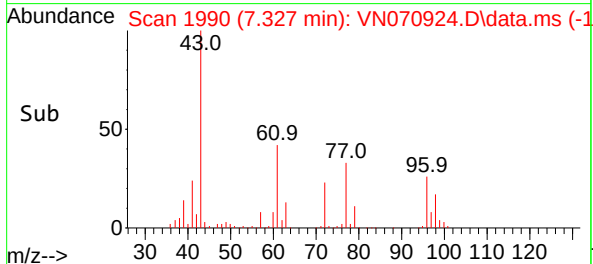
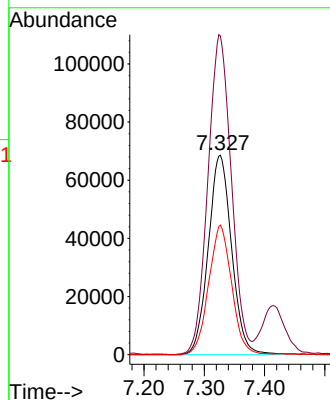
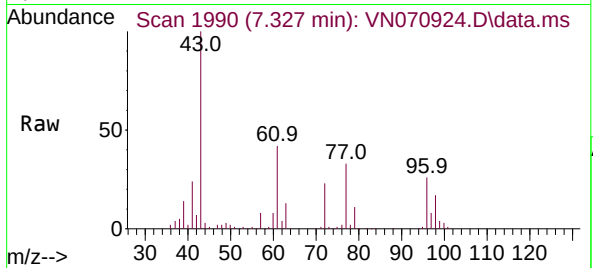
Tgt Ion:	96	Resp:	18512
Ion Ratio	Lower	Upper	
96	100		
61	161.1	0.0	275.0
98	63.6	0.0	129.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/07/2022

Supervised By :Mahesh Dadoda 02/08/2022



#28

Bromochloromethane

Concen: 19.977 ug/l

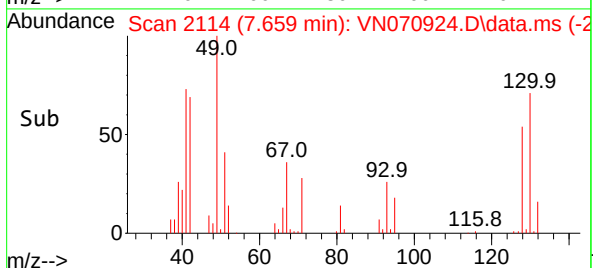
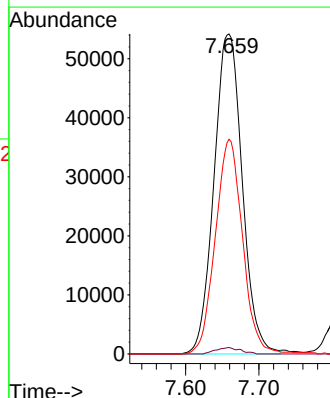
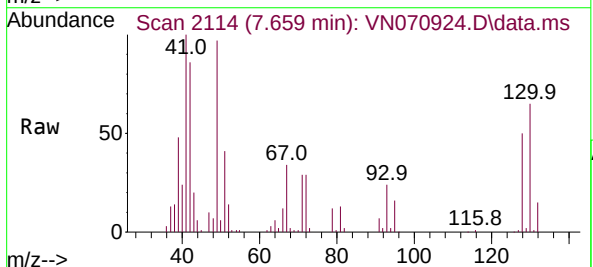
RT: 7.659 min Scan# 2114

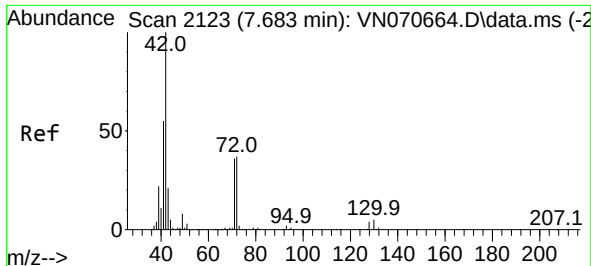
Delta R.T. 0.002 min

Lab File: VN070924.D

Acq: 3 Feb 2022 12:35

Tgt Ion:	49	Resp:	145077
Ion Ratio	Lower	Upper	
49	100		
129	1.7	0.0	4.0
130	64.5	67.8	101.8





#29

Tetrahydrofuran

Concen: 101.231 ug/l

RT: 7.689 min Scan# 2123

Delta R.T. 0.003 min

Lab File: VN070924.D

Acq: 3 Feb 2022 12:35

Instrument :

MSVOA_N

ClientSampleId :

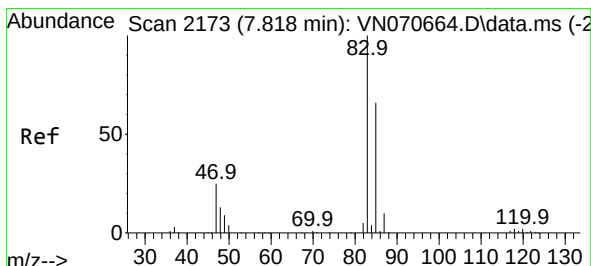
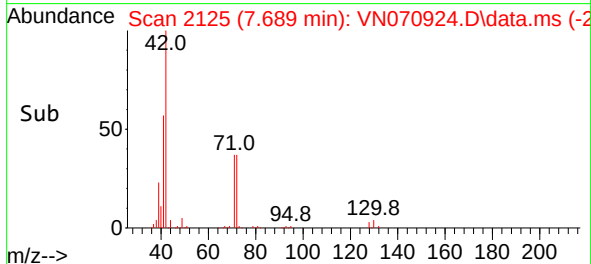
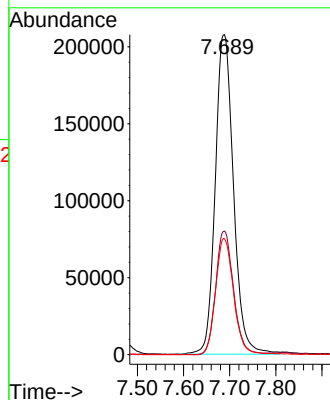
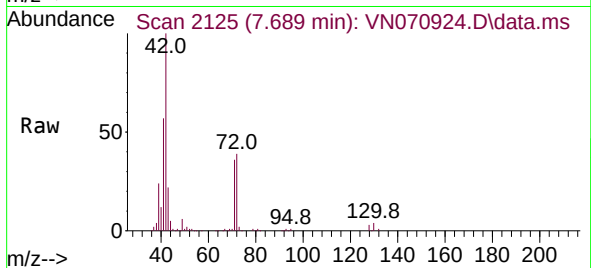
VN0203MBS01

Tgt Ion: 42 Resp: 57100
 Ion Ratio Lower Upper
 42 100
 72 37.9 36.3 54.5
 71 35.7 34.7 52.1

Manual Integrations

APPROVED

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



#30

Chloroform

Concen: 20.206 ug/l

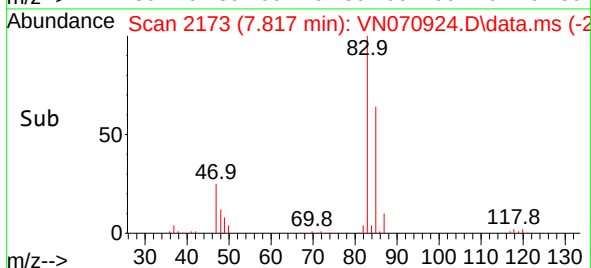
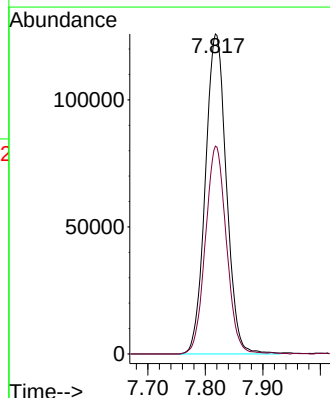
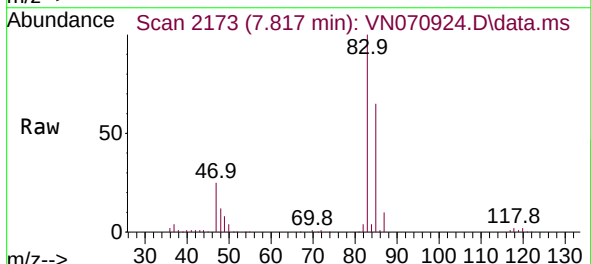
RT: 7.817 min Scan# 2173

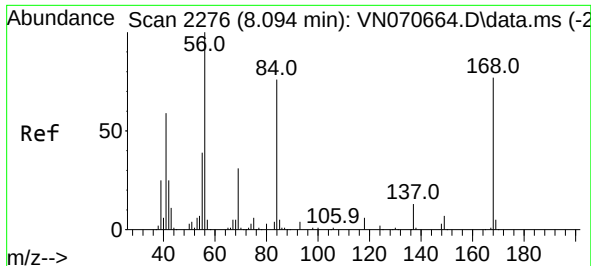
Delta R.T. -0.001 min

Lab File: VN070924.D

Acq: 3 Feb 2022 12:35

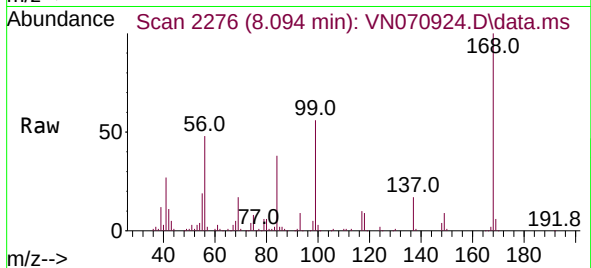
Tgt Ion: 83 Resp: 319907
 Ion Ratio Lower Upper
 83 100
 85 65.0 51.9 77.9





#31
Cyclohexane
Concen: 20.075 ug/l
RT: 8.094 min Scan# 2276
Delta R.T. -0.000 min
Lab File: VN070924.D
Acq: 3 Feb 2022 12:35

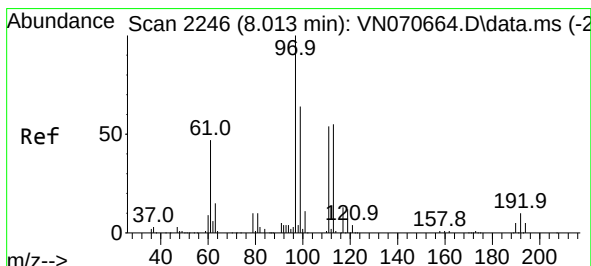
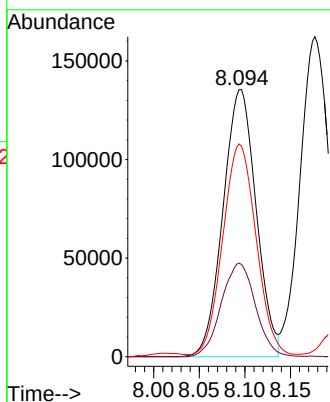
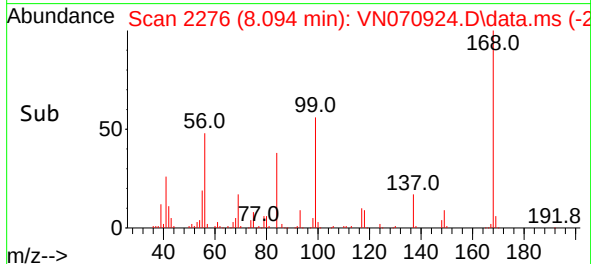
Instrument :
MSVOA_N
ClientSampleId :
VN0203MBS01



Tgt Ion: 56 Resp: 343164
Ion Ratio Lower Upper
56 100
69 35.1 27.1 40.7
84 78.6 73.4 110.0

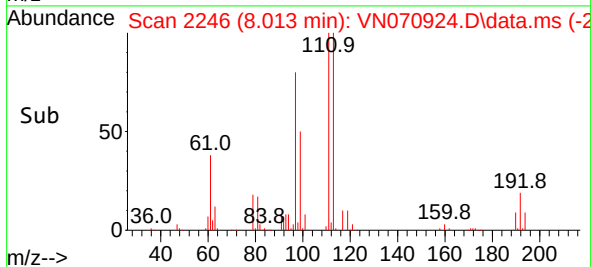
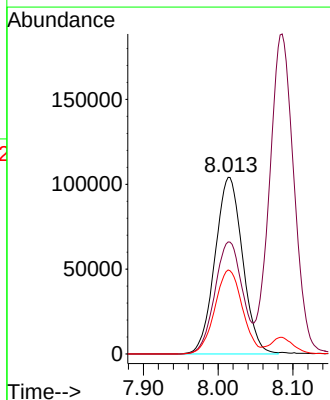
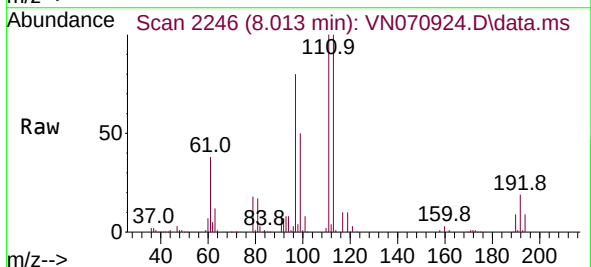
Manual Integrations
APPROVED

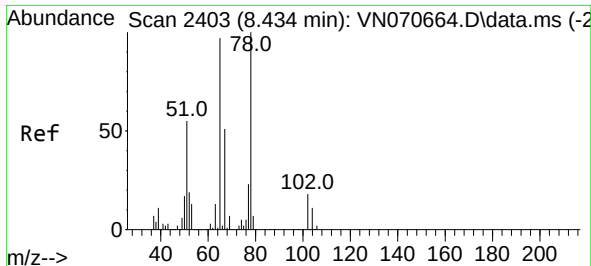
Reviewed By :John Carlone 02/07/2022
Supervised By :Mahesh Dadoda 02/08/2022



#32
1,1,1-Trichloroethane
Concen: 20.001 ug/l
RT: 8.013 min Scan# 2246
Delta R.T. 0.000 min
Lab File: VN070924.D
Acq: 3 Feb 2022 12:35

Tgt Ion: 97 Resp: 267296
Ion Ratio Lower Upper
97 100
99 62.7 50.1 75.1
61 47.4 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 48.648 ug/l

RT: 8.437 min Scan# 2403

Delta R.T. -0.000 min

Lab File: VN070924.D

Acq: 3 Feb 2022 12:35

Instrument :

MSVOA_N

ClientSampleId :

VN0203MBS01

Tgt Ion: 65 Resp: 48945

Ion Ratio Lower Upper

65 100

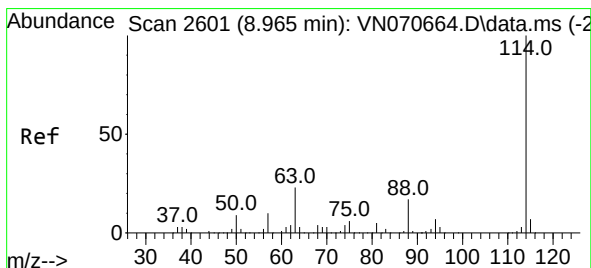
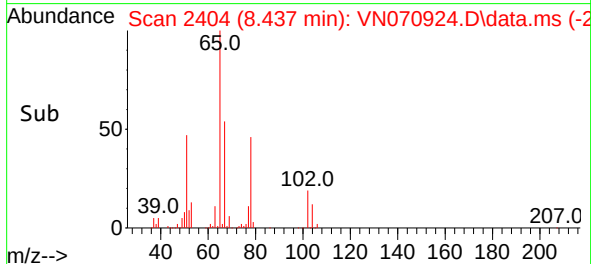
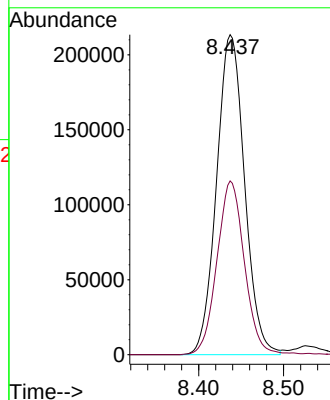
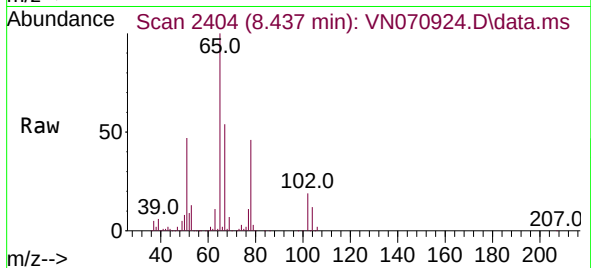
67 53.2 0.0 103.0

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. 0.002 min

Lab File: VN070924.D

Acq: 3 Feb 2022 12:35

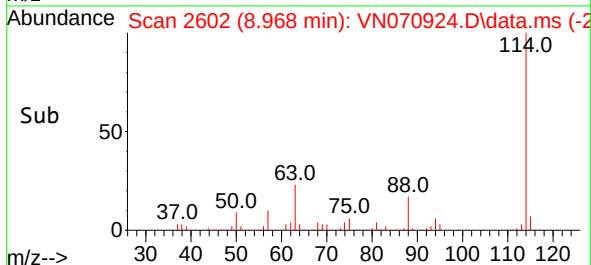
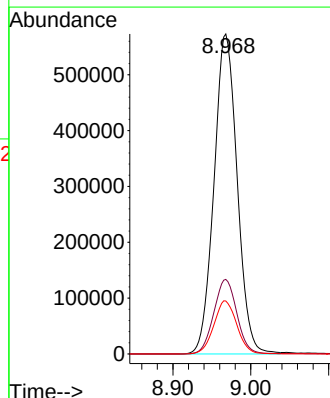
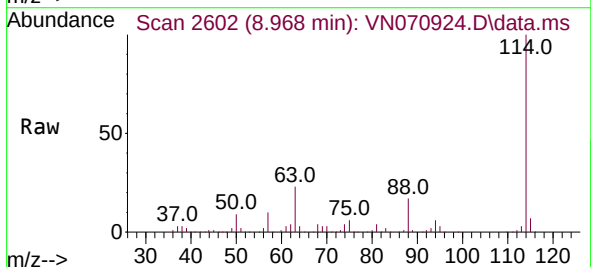
Tgt Ion:114 Resp: 1182967

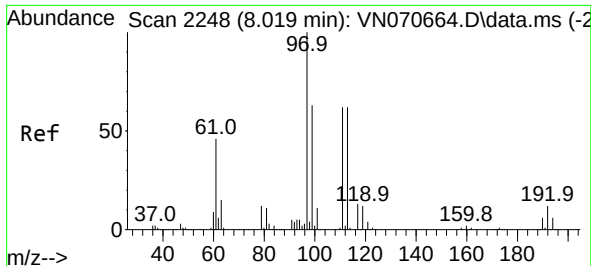
Ion Ratio Lower Upper

114 100

63 23.3 0.0 37.8

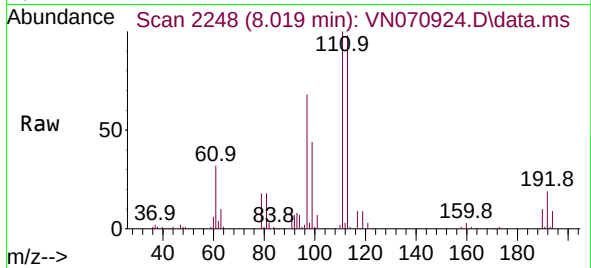
88 16.5 0.0 27.4





#35
Dibromofluoromethane
Concen: 50.793 ug/l
RT: 8.019 min Scan# 21
Delta R.T. -0.002 min
Lab File: VN070924.D
Acq: 3 Feb 2022 12:35

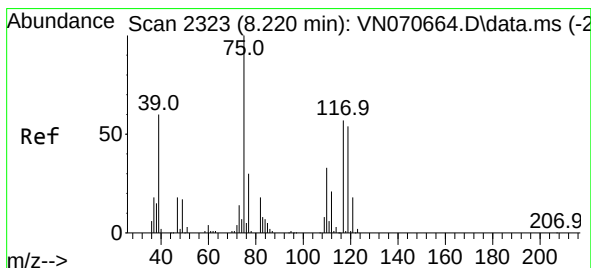
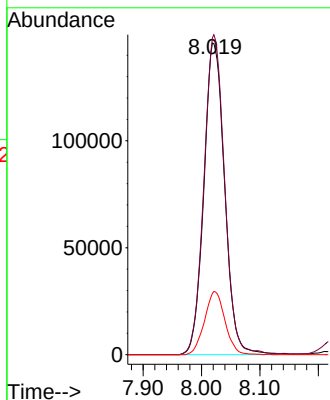
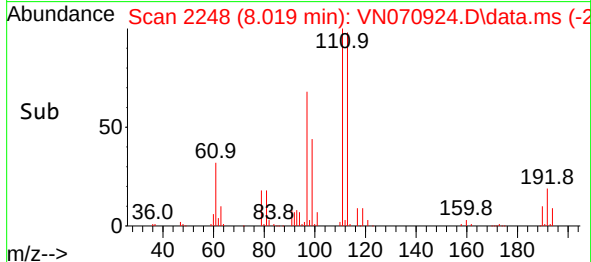
Instrument :
MSVOA_N
ClientSampleId :
VN0203MBS01



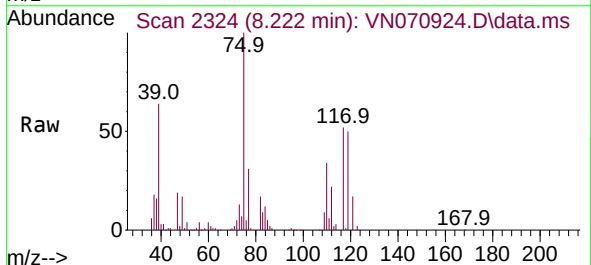
Tgt Ion: 113 Resp: 359952
Ion Ratio Lower Upper
113 100
111 101.7 82.2 123.2
192 20.0 16.9 25.3

Manual Integrations
APPROVED

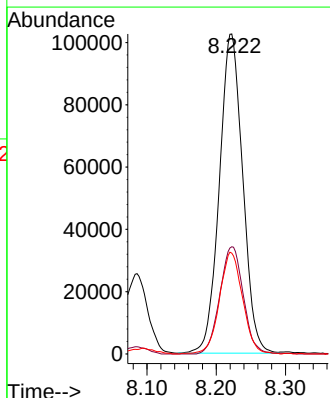
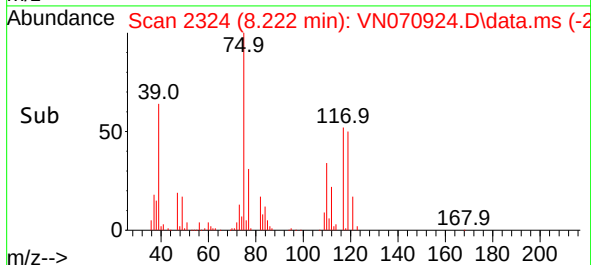
Reviewed By :John Carlone 02/07/2022
Supervised By :Mahesh Dadoda 02/08/2022

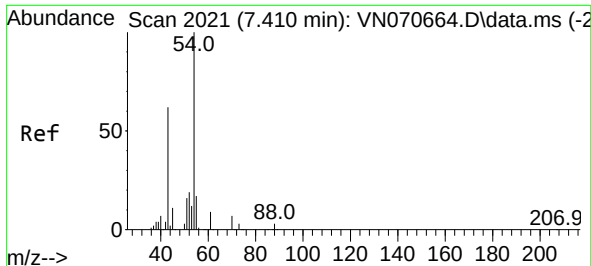


#36
1,1-Dichloropropene
Concen: 20.880 ug/l
RT: 8.222 min Scan# 2324
Delta R.T. 0.002 min
Lab File: VN070924.D
Acq: 3 Feb 2022 12:35



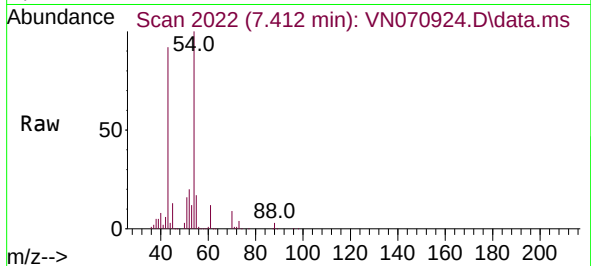
Tgt Ion: 75 Resp: 240389
Ion Ratio Lower Upper
75 100
110 33.8 18.4 55.2
77 31.6 24.4 36.6





#37
Ethyl Acetate
Concen: 21.093 ug/l
RT: 7.412 min Scan# 2021
Delta R.T. -0.001 min
Lab File: VN070924.D
Acq: 3 Feb 2022 12:35

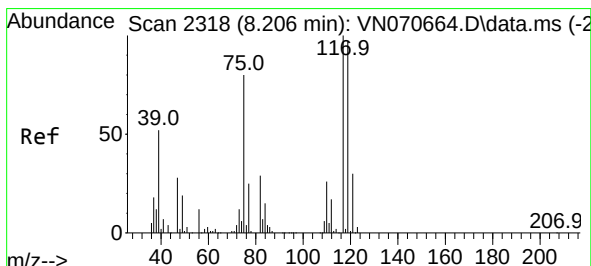
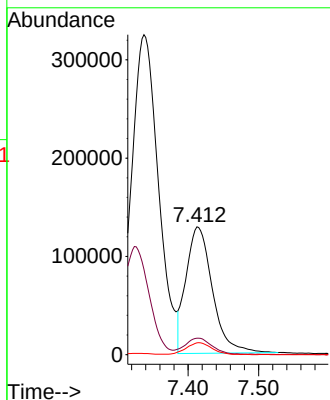
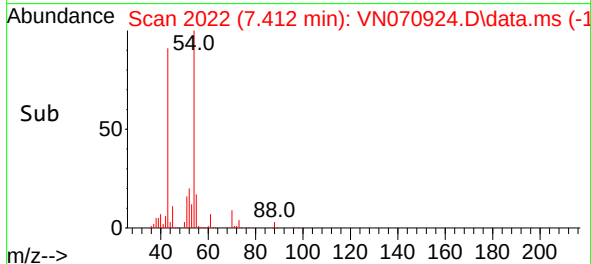
Instrument :
MSVOA_N
ClientSampleId :
VN0203MBS01



Tgt Ion: 43 Resp: 334680
Ion Ratio Lower Upper
43 100
61 13.0 11.5 17.3
70 8.8 7.9 11.9

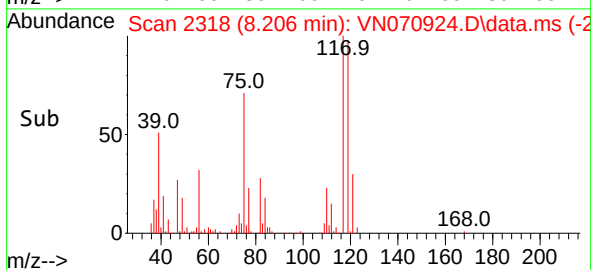
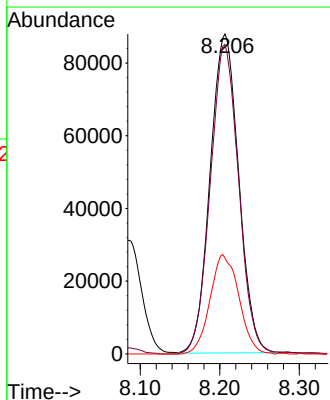
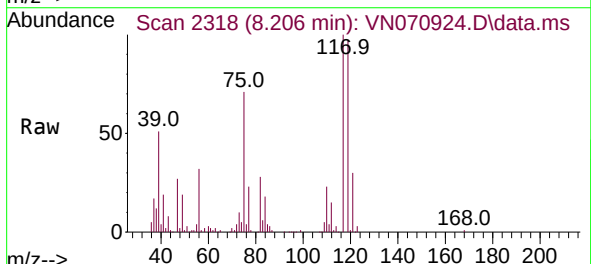
Manual Integrations
APPROVED

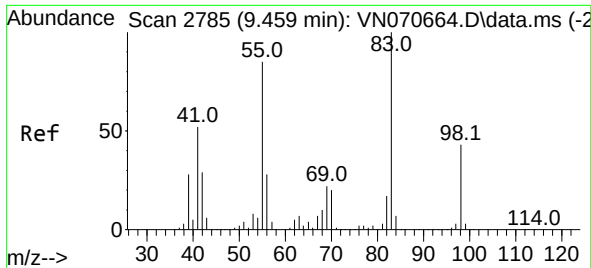
Reviewed By :John Carlone 02/07/2022
Supervised By :Mahesh Dadoda 02/08/2022



#38
Carbon Tetrachloride
Concen: 20.802 ug/l
RT: 8.206 min Scan# 2318
Delta R.T. 0.000 min
Lab File: VN070924.D
Acq: 3 Feb 2022 12:35

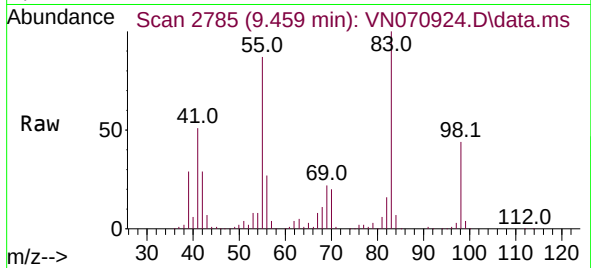
Tgt Ion:117 Resp: 218710
Ion Ratio Lower Upper
117 100
119 97.1 76.1 114.1
121 30.2 24.2 36.2





#39
Methylcyclohexane
Concen: 21.308 ug/l
RT: 9.459 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN070924.D
Acq: 3 Feb 2022 12:35

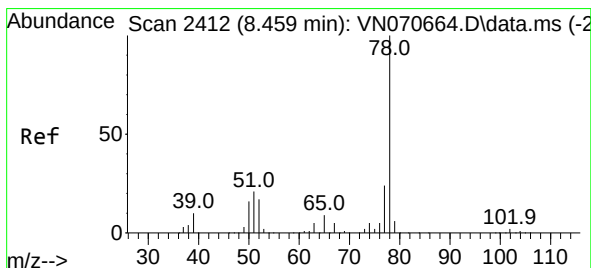
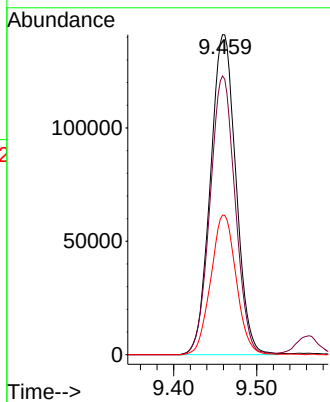
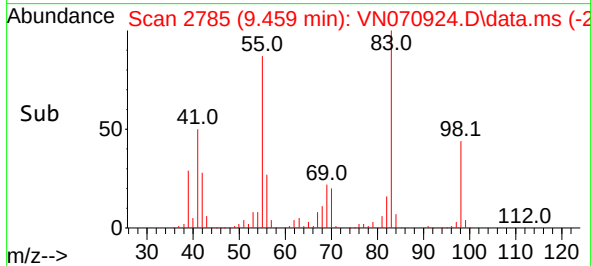
Instrument :
MSVOA_N
ClientSampleId :
VN0203MBS01



Tgt Ion: 83 Resp: 301564
Ion Ratio Lower Upper
83 100
55 87.1 58.1 87.1
98 43.6 38.4 57.6

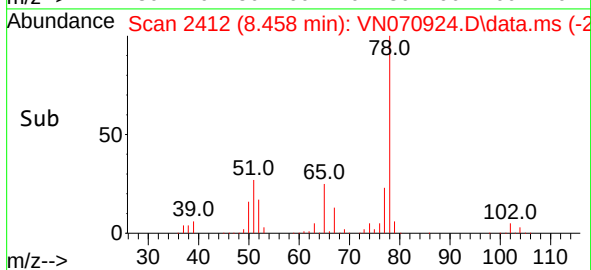
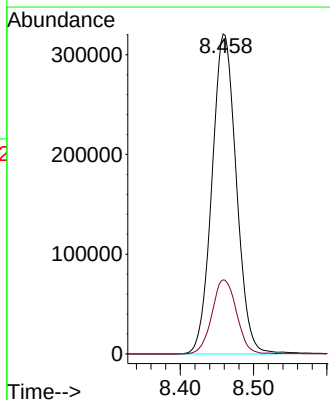
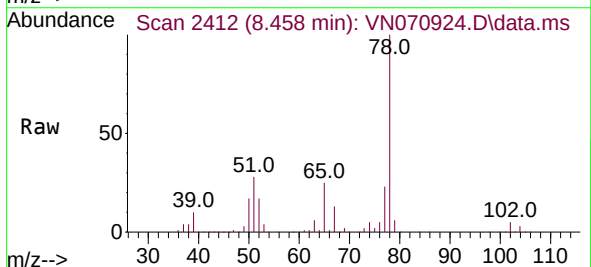
Manual Integrations
APPROVED

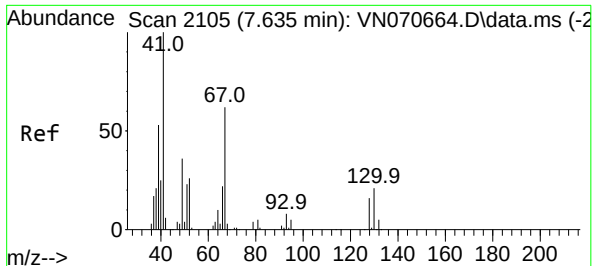
Reviewed By :John Carlone 02/07/2022
Supervised By :Mahesh Dadoda 02/08/2022



#40
Benzene
Concen: 20.455 ug/l
RT: 8.458 min Scan# 2412
Delta R.T. -0.001 min
Lab File: VN070924.D
Acq: 3 Feb 2022 12:35

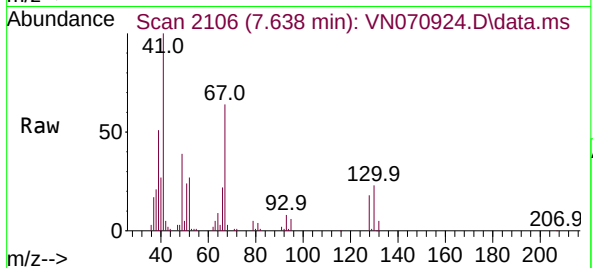
Tgt Ion: 78 Resp: 739856
Ion Ratio Lower Upper
78 100
77 23.1 18.6 27.8





#41
Methacrylonitrile
Concen: 20.787 ug/l
RT: 7.638 min Scan# 2105
Delta R.T. 0.003 min
Lab File: VN070924.D
Acq: 3 Feb 2022 12:35

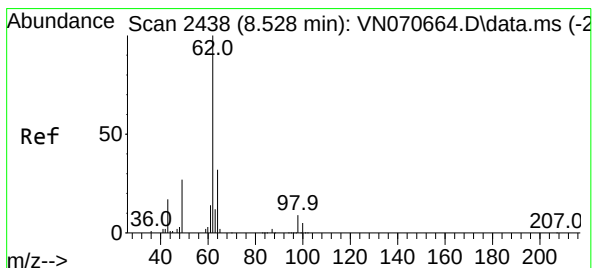
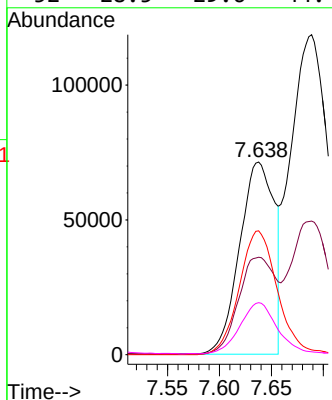
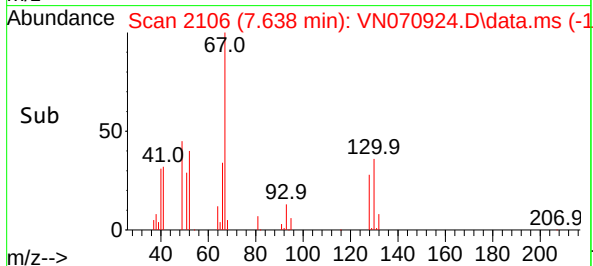
Instrument :
MSVOA_N
ClientSampleId :
VN0203MBS01



Tgt Ion: 41 Resp: 165723
Ion Ratio Lower Upper
41 100
39 54.5 48.1 72.1
67 71.1 68.3 102.5
52 28.5 29.6 44.4#

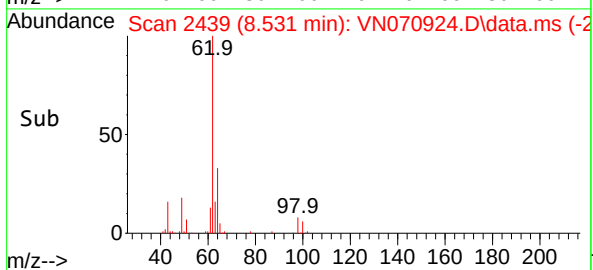
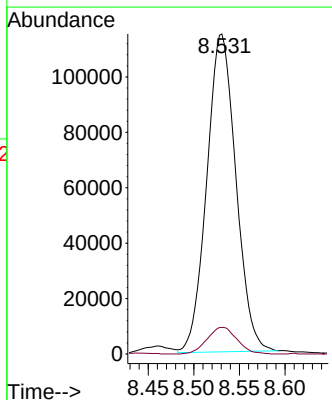
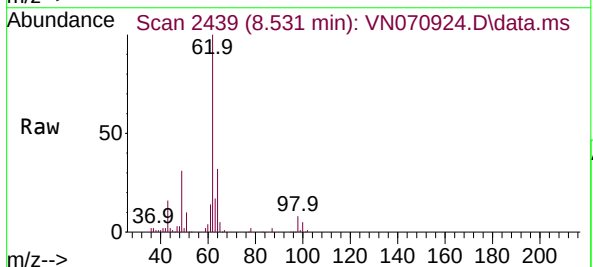
Manual Integrations
APPROVED

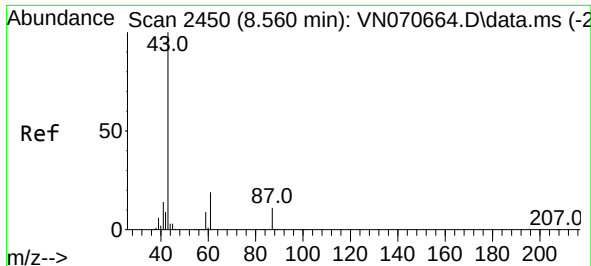
Reviewed By :John Carlone 02/07/2022
Supervised By :Mahesh Dadoda 02/08/2022



#42
1,2-Dichloroethane
Concen: 20.738 ug/l
RT: 8.531 min Scan# 2439
Delta R.T. 0.003 min
Lab File: VN070924.D
Acq: 3 Feb 2022 12:35

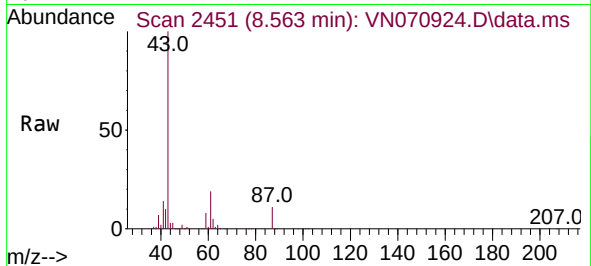
Tgt Ion: 62 Resp: 255348
Ion Ratio Lower Upper
62 100
98 8.6 0.0 17.6





#43
Isopropyl Acetate
Concen: 19.205 ug/l
RT: 8.563 min Scan# 2450
Delta R.T. 0.003 min
Lab File: VN070924.D
Acq: 3 Feb 2022 12:35

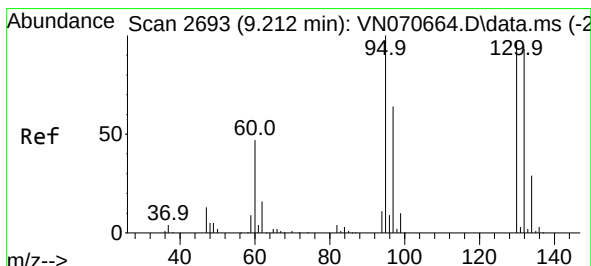
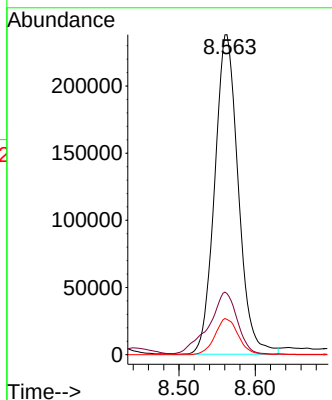
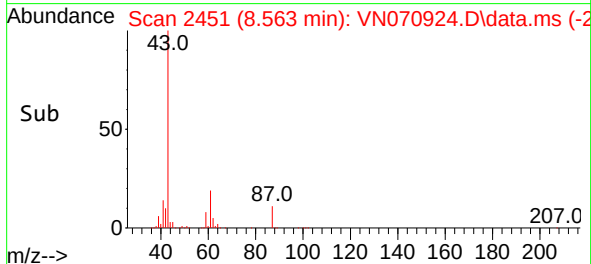
Instrument :
MSVOA_N
ClientSampleId :
VN0203MBS01



Tgt Ion: 43 Resp: 51226
Ion Ratio Lower Upper
43 100
61 23.5 20.4 30.6
87 11.2 11.2 16.8

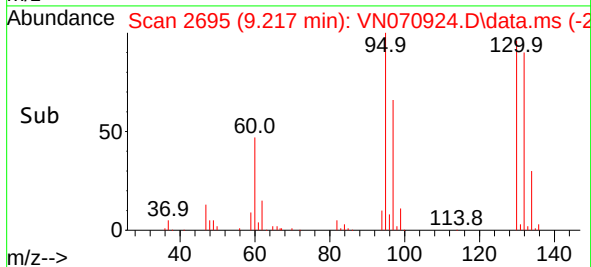
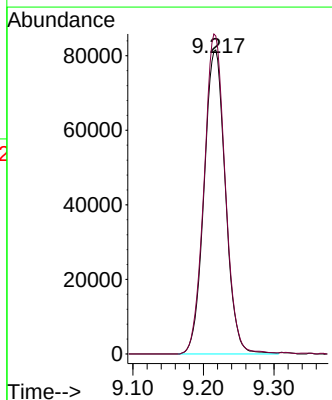
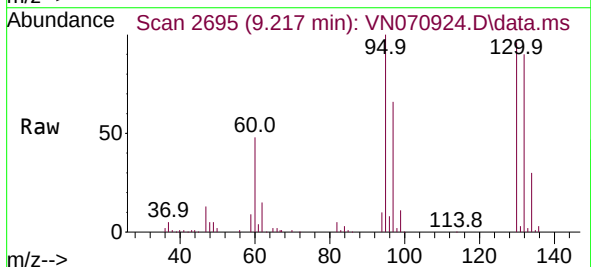
Manual Integrations
APPROVED

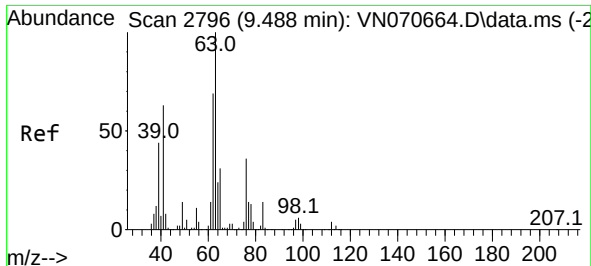
Reviewed By :John Carlone 02/07/2022
Supervised By :Mahesh Dadoda 02/08/2022



#44
Trichloroethene
Concen: 20.455 ug/l
RT: 9.217 min Scan# 2695
Delta R.T. 0.002 min
Lab File: VN070924.D
Acq: 3 Feb 2022 12:35

Tgt Ion:130 Resp: 171198
Ion Ratio Lower Upper
130 100
95 104.6 0.0 191.2





#45

1,2-Dichloropropane

Concen: 21.003 ug/l

RT: 9.491 min Scan# 21

Delta R.T. 0.003 min

Lab File: VN070924.D

Acq: 3 Feb 2022 12:35

Instrument :

MSVOA_N

ClientSampleId :

VN0203MBS01

Tgt Ion: 63 Resp: 203419

Ion Ratio Lower Upper

63 100

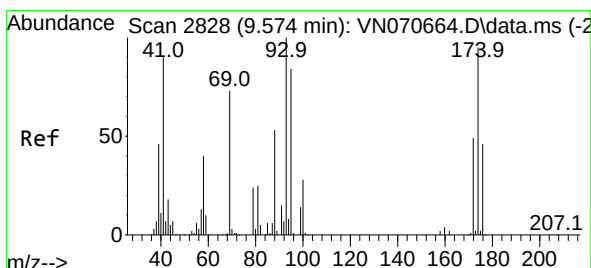
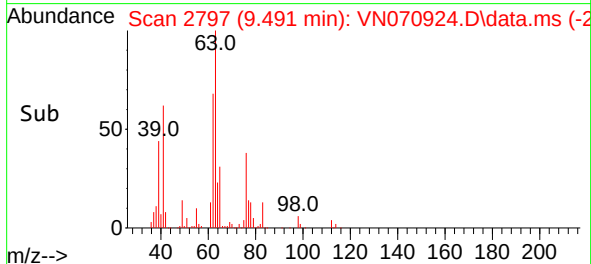
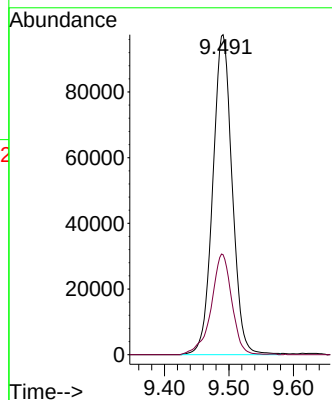
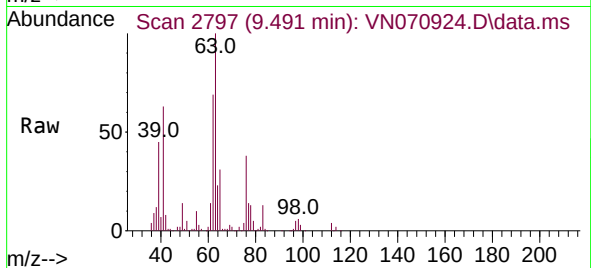
65 31.2 24.7 37.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/07/2022

Supervised By :Mahesh Dadoda 02/08/2022



#46

Dibromomethane

Concen: 20.929 ug/l

RT: 9.577 min Scan# 2829

Delta R.T. -0.000 min

Lab File: VN070924.D

Acq: 3 Feb 2022 12:35

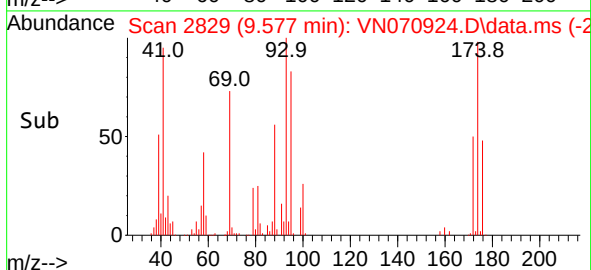
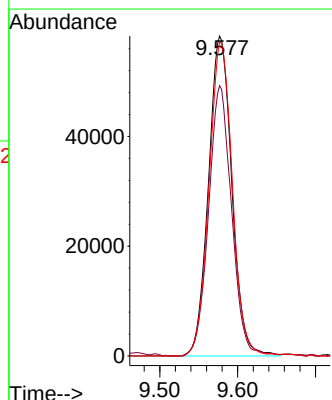
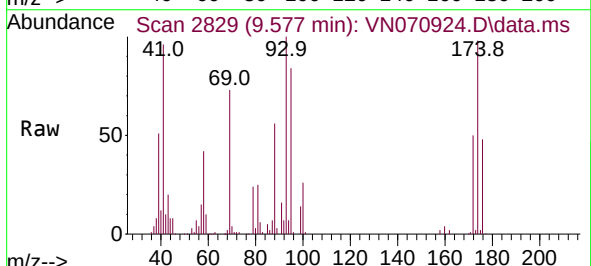
Tgt Ion: 93 Resp: 121434

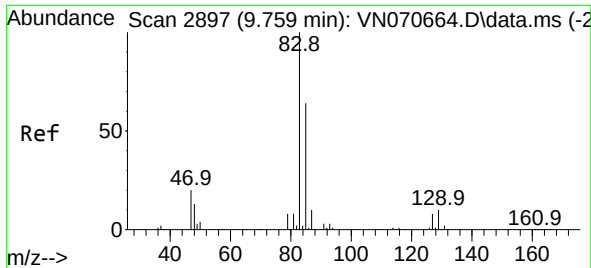
Ion Ratio Lower Upper

93 100

95 83.2 65.9 98.9

174 97.8 84.6 127.0





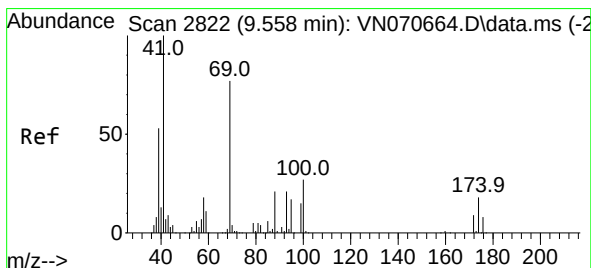
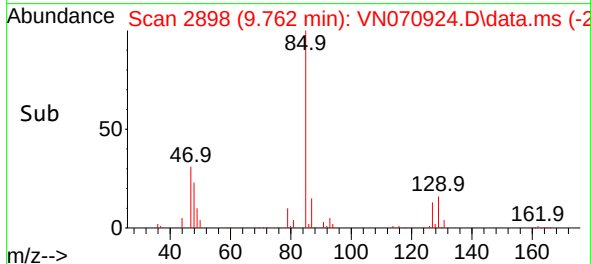
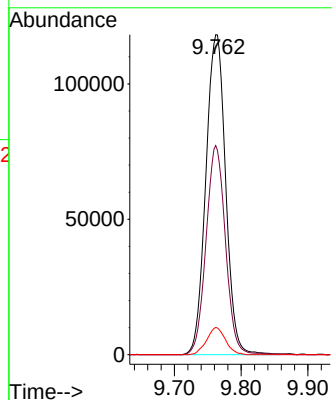
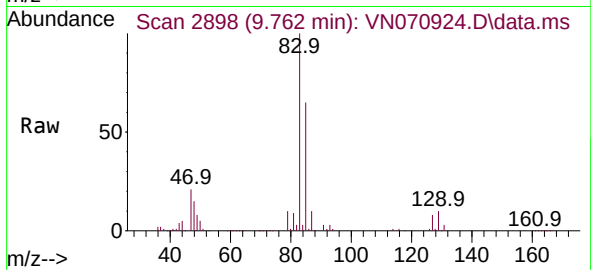
#47
Bromodichloromethane
Concen: 20.867 ug/l
RT: 9.762 min Scan# 2898
Delta R.T. -0.000 min
Lab File: VN070924.D
Acq: 3 Feb 2022 12:35

Instrument :
MSVOA_N
ClientSampleId :
VN0203MBS01

Tgt Ion: 83 Resp: 24387
Ion Ratio Lower Upper
83 100
85 65.4 50.9 76.3
127 8.5 7.1 10.7

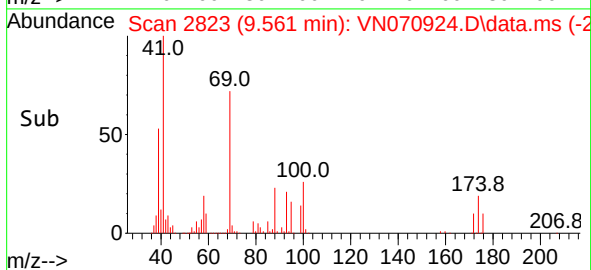
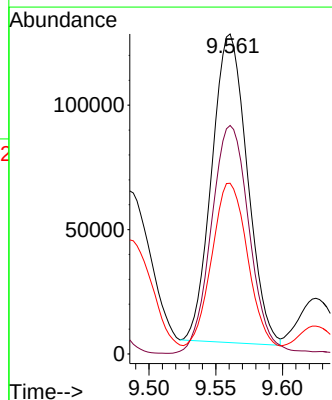
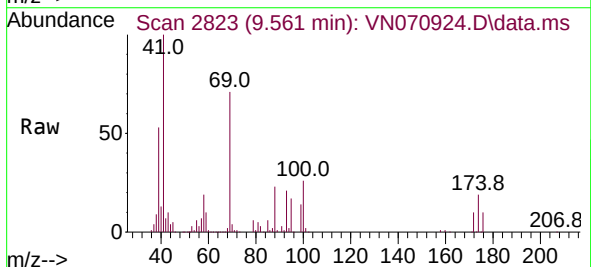
Manual Integrations
APPROVED

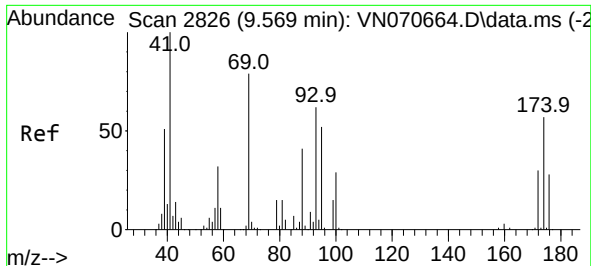
Reviewed By :John Carlone 02/07/2022
Supervised By :Mahesh Dadoda 02/08/2022



#48
Methyl methacrylate
Concen: 19.920 ug/l
RT: 9.561 min Scan# 2823
Delta R.T. 0.003 min
Lab File: VN070924.D
Acq: 3 Feb 2022 12:35

Tgt Ion: 41 Resp: 229085
Ion Ratio Lower Upper
41 100
69 79.3 72.4 108.6
39 53.3 58.4 87.6#





#49

1,4-Dioxane

Concen: 424.807 ug/l

RT: 9.569 min Scan# 2826

Delta R.T. -0.000 min

Lab File: VN070924.D

Acq: 3 Feb 2022 12:35

Instrument :

MSVOA_N

ClientSampleId :

VN0203MBS01

Tgt Ion: 88 Resp: 8184

Ion Ratio Lower Upper

88 100

43 33.0 23.4 35.2

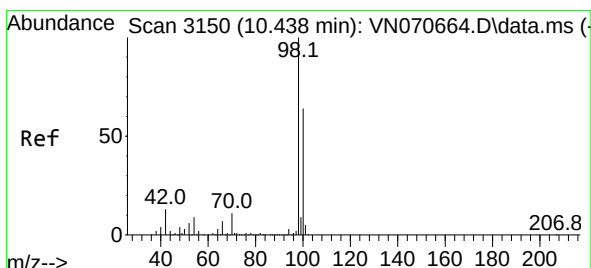
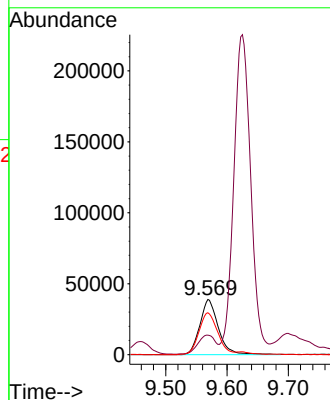
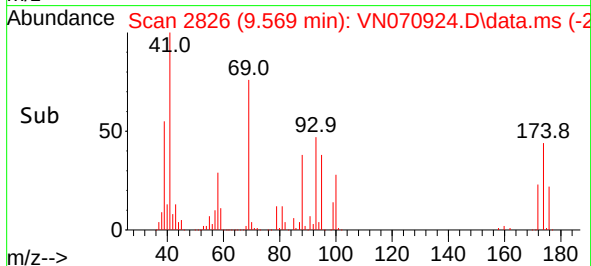
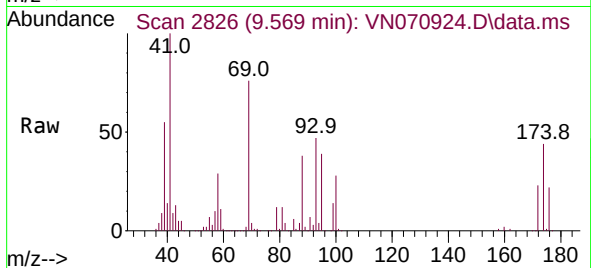
58 76.4 50.6 75.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/07/2022

Supervised By :Mahesh Dadoda 02/08/2022



#50

Toluene-d8

Concen: 50.558 ug/l

RT: 10.440 min Scan# 3151

Delta R.T. -0.001 min

Lab File: VN070924.D

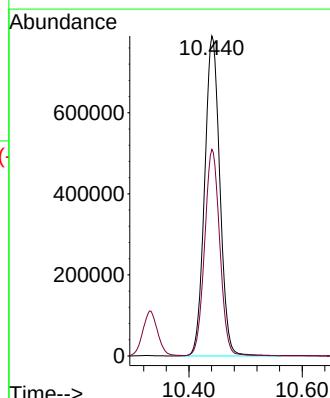
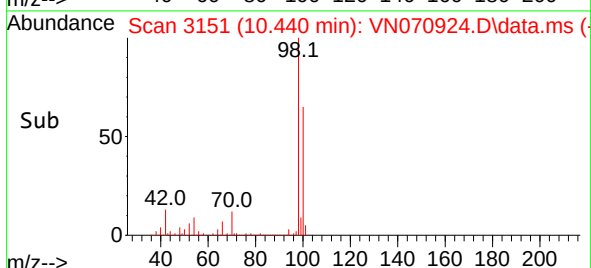
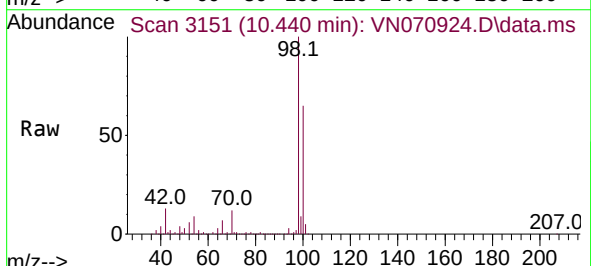
Acq: 3 Feb 2022 12:35

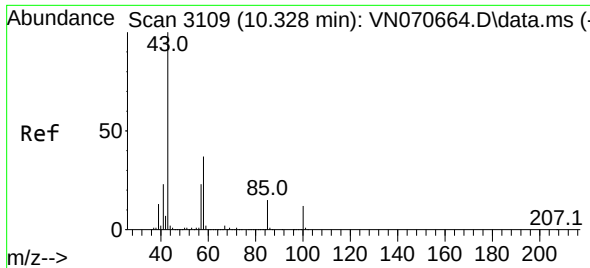
Tgt Ion: 98 Resp: 1471085

Ion Ratio Lower Upper

98 100

100 64.3 50.4 75.6





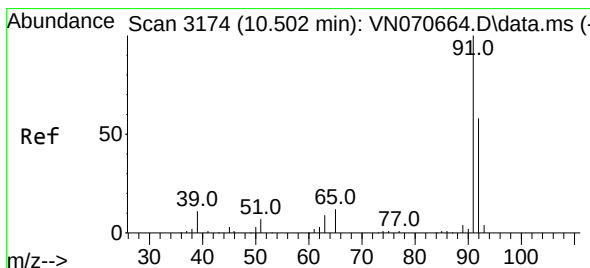
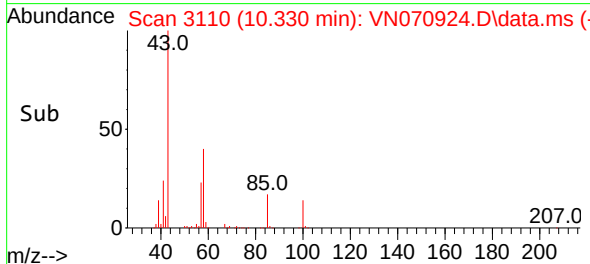
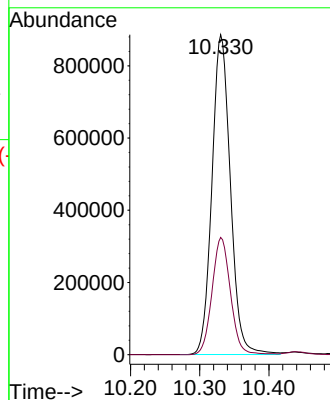
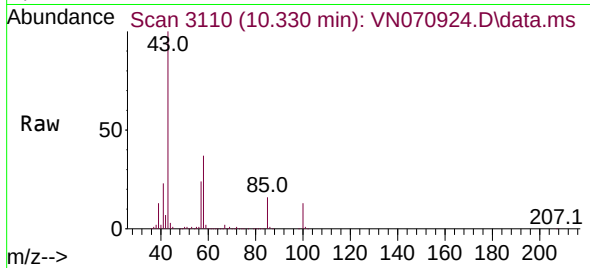
#51
4-Methyl-2-Pentanone
Concen: 104.629 ug/l
RT: 10.330 min Scan# 3110
Delta R.T. -0.001 min
Lab File: VN070924.D
Acq: 3 Feb 2022 12:35

Instrument :
MSVOA_N
ClientSampleId :
VN0203MBS01

Tgt Ion: 43 Resp: 1642700
Ion Ratio Lower Upper
43 100
58 36.6 30.4 45.6

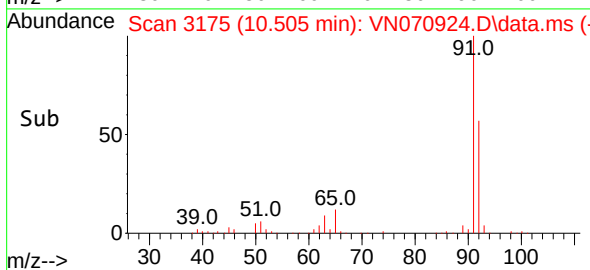
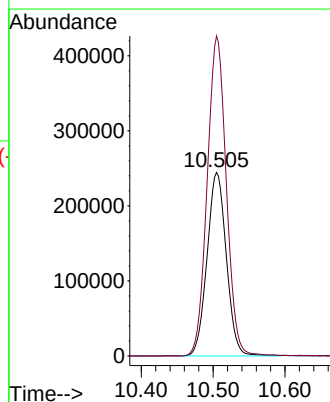
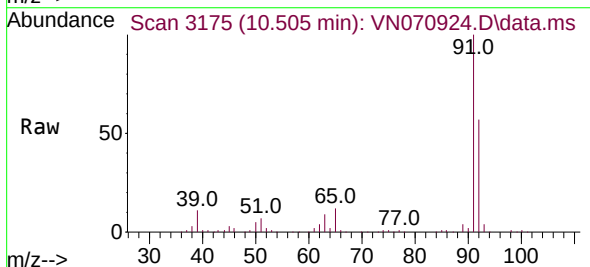
Manual Integrations
APPROVED

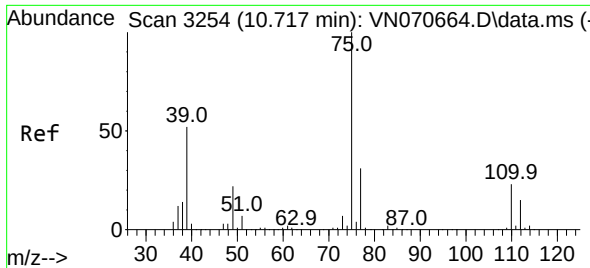
Reviewed By :John Carlone 02/07/2022
Supervised By :Mahesh Dadoda 02/08/2022



#52
Toluene
Concen: 20.356 ug/l
RT: 10.505 min Scan# 3175
Delta R.T. -0.000 min
Lab File: VN070924.D
Acq: 3 Feb 2022 12:35

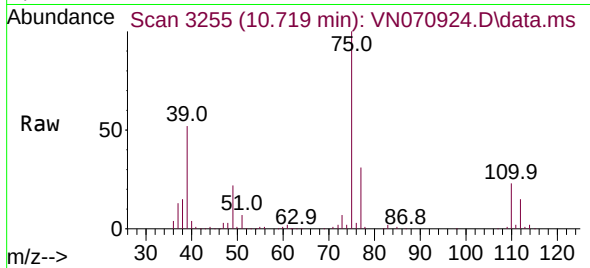
Tgt Ion: 92 Resp: 456196
Ion Ratio Lower Upper
92 100
91 173.1 142.0 213.0





#53
 t-1,3-Dichloropropene
 Concen: 20.128 ug/l
 RT: 10.719 min Scan# 31
 Delta R.T. 0.002 min
 Lab File: VN070924.D
 Acq: 3 Feb 2022 12:35

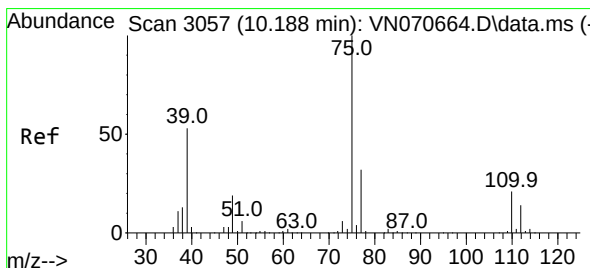
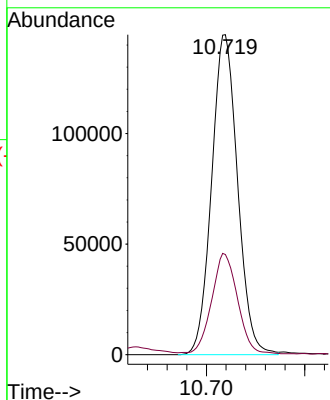
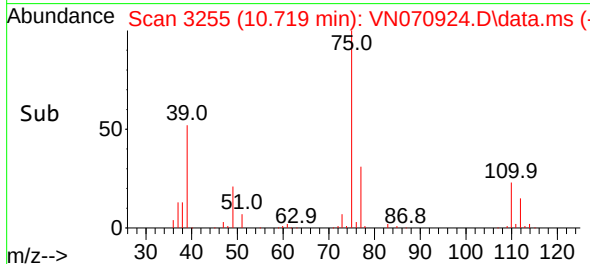
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0203MBS01



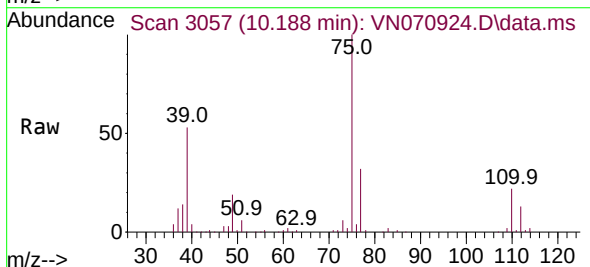
Tgt Ion: 75 Resp: 265484
 Ion Ratio Lower Upper
 75 100
 77 30.9 25.6 38.4

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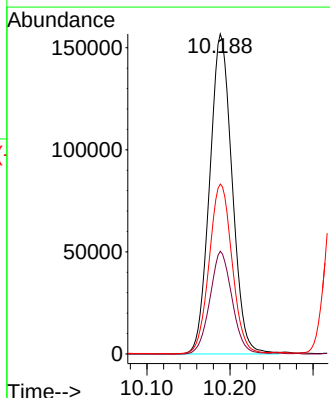
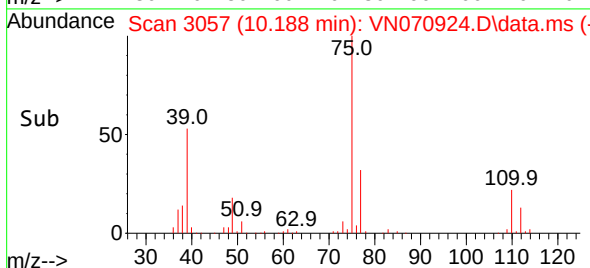
Reviewed By :John Carlone 02/07/2022
 Supervised By :Mahesh Dadoda 02/08/2022

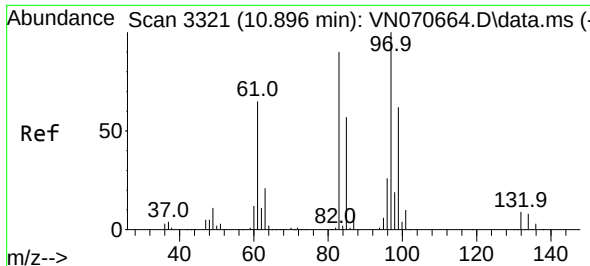


#54
 cis-1,3-Dichloropropene
 Concen: 20.520 ug/l
 RT: 10.188 min Scan# 3057
 Delta R.T. 0.000 min
 Lab File: VN070924.D
 Acq: 3 Feb 2022 12:35



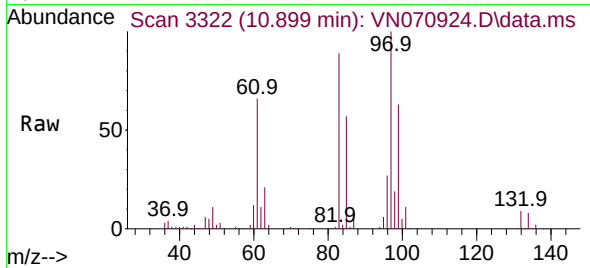
Tgt Ion: 75 Resp: 294361
 Ion Ratio Lower Upper
 75 100
 77 32.1 26.4 39.6
 39 53.0 42.5 63.7





#55
1,1,2-Trichloroethane
Concen: 20.459 ug/l
RT: 10.899 min Scan# 31
Delta R.T. 0.003 min
Lab File: VN070924.D
Acq: 3 Feb 2022 12:35

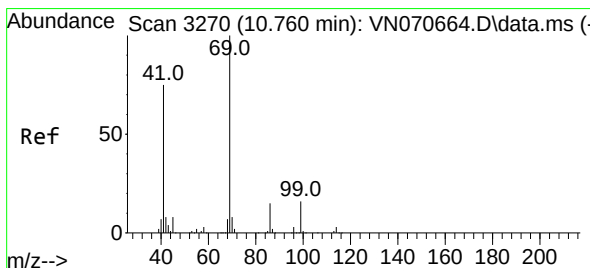
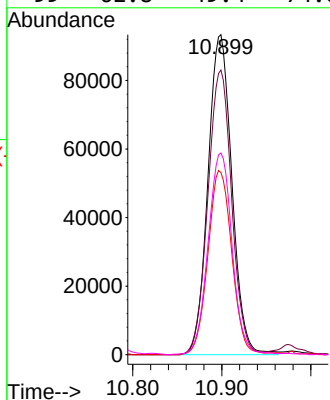
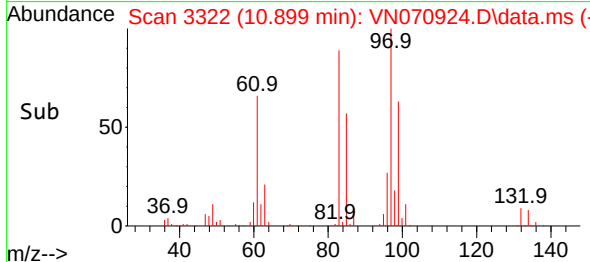
Instrument :
MSVOA_N
ClientSampleId :
VN0203MBS01



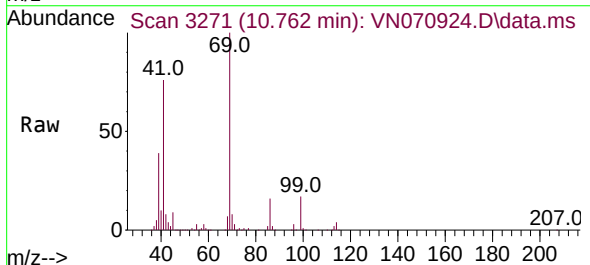
Tgt Ion: 97 Resp: 17413
Ion Ratio Lower Upper
97 100
83 89.0 67.8 101.6
85 56.9 45.4 68.2
99 62.8 49.4 74.0

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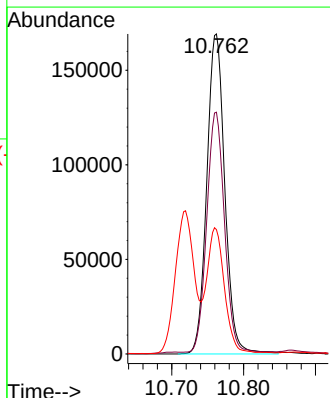
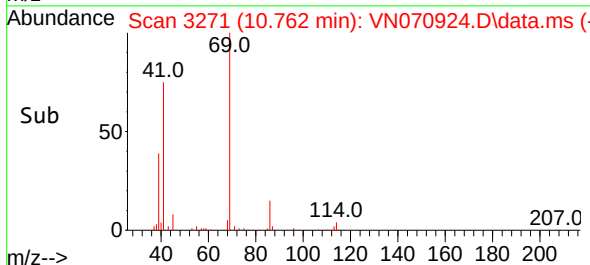
Reviewed By :John Carlone 02/07/2022
Supervised By :Mahesh Dadoda 02/08/2022

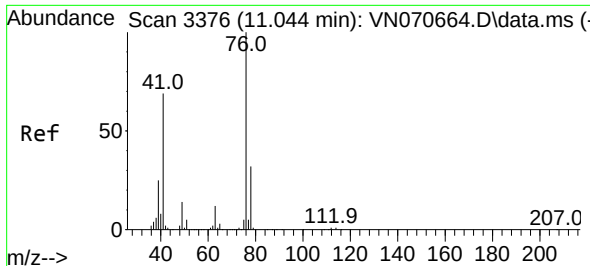


#56
Ethyl methacrylate
Concen: 19.929 ug/l
RT: 10.762 min Scan# 3271
Delta R.T. 0.002 min
Lab File: VN070924.D
Acq: 3 Feb 2022 12:35



Tgt Ion: 69 Resp: 295437
Ion Ratio Lower Upper
69 100
41 73.6 51.4 77.0
39 37.8 34.6 52.0





#57

1,3-Dichloropropane

Concen: 20.786 ug/l

RT: 11.044 min Scan# 31

Delta R.T. -0.000 min

Lab File: VN070924.D

Acq: 3 Feb 2022 12:35

Instrument :

MSVOA_N

ClientSampleId :

VN0203MBS01

Tgt Ion: 76 Resp: 30970

Ion Ratio Lower Upper

76 100

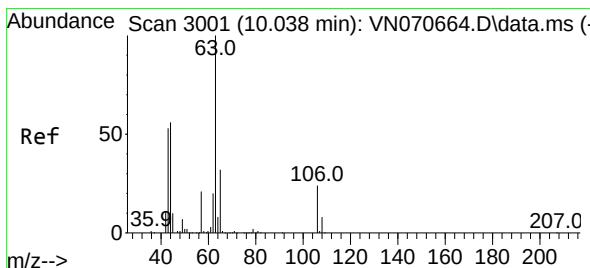
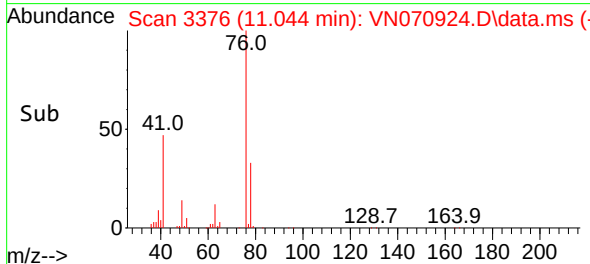
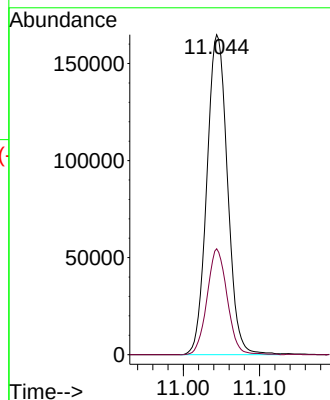
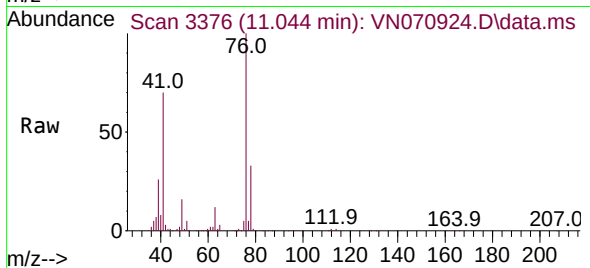
78 32.3 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/07/2022

Supervised By :Mahesh Dadoda 02/08/2022



#58

2-Chloroethyl Vinyl ether

Concen: 82.859 ug/l

RT: 10.041 min Scan# 3002

Delta R.T. -0.000 min

Lab File: VN070924.D

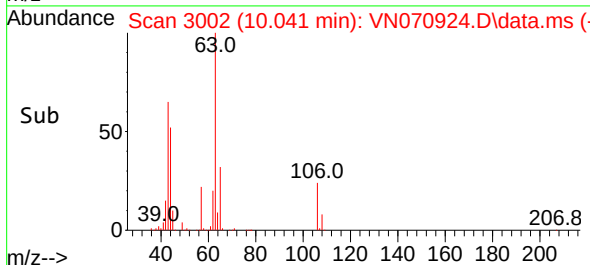
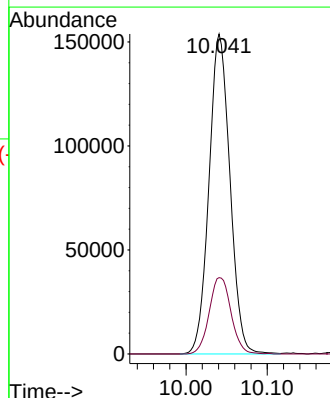
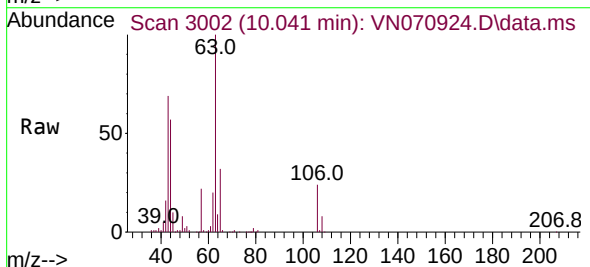
Acq: 3 Feb 2022 12:35

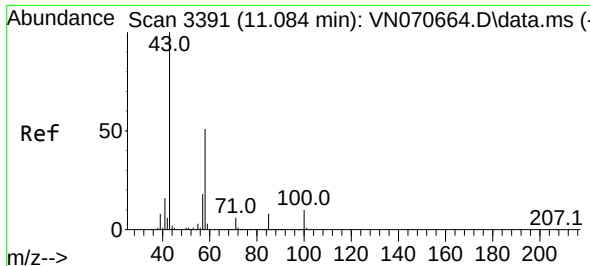
Tgt Ion: 63 Resp: 275370

Ion Ratio Lower Upper

63 100

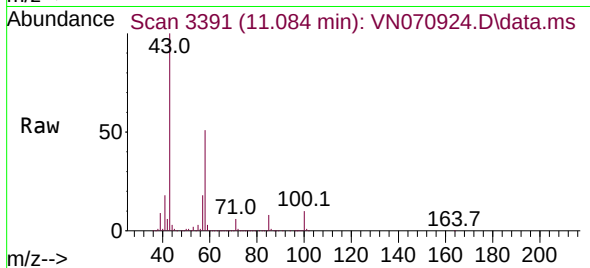
106 24.8 23.9 35.9





#59
2-Hexanone
Concen: 102.841 ug/l
RT: 11.084 min Scan# 3391
Delta R.T. 0.000 min
Lab File: VN070924.D
Acq: 3 Feb 2022 12:35

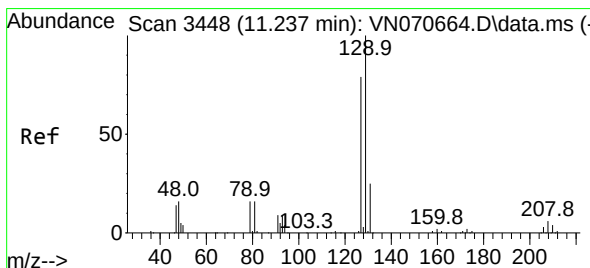
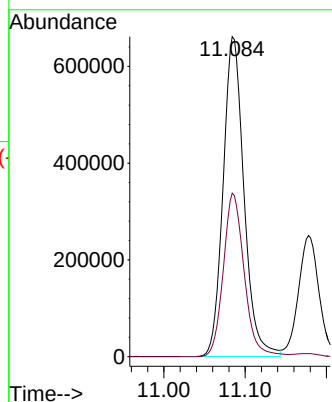
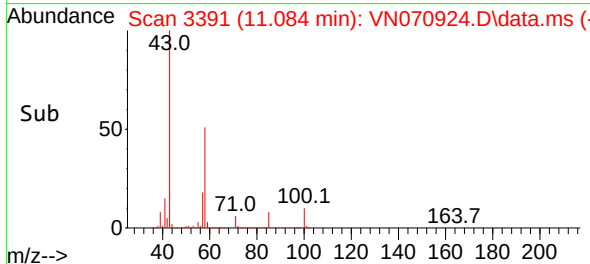
Instrument :
MSVOA_N
ClientSampleId :
VN0203MBS01



Tgt Ion: 43 Resp: 117886
Ion Ratio Lower Upper
43 100
58 51.2 26.9 80.7

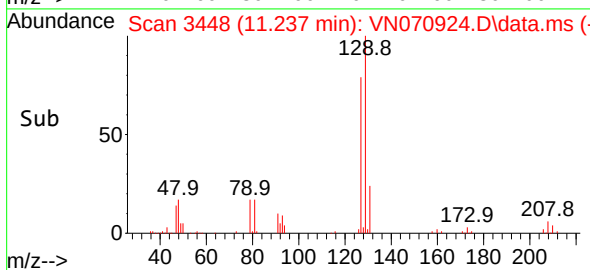
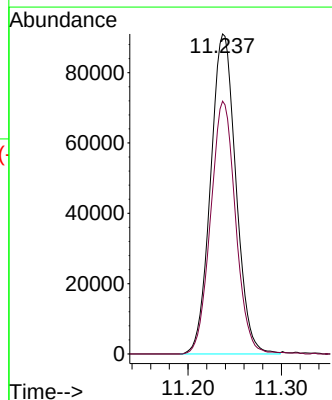
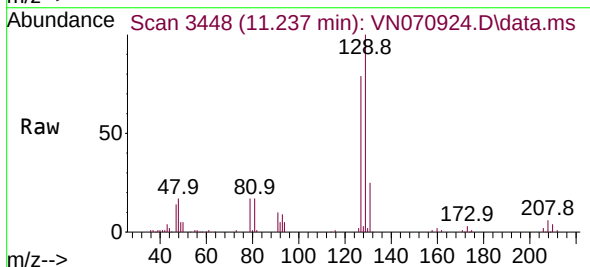
Manual Integrations
APPROVED

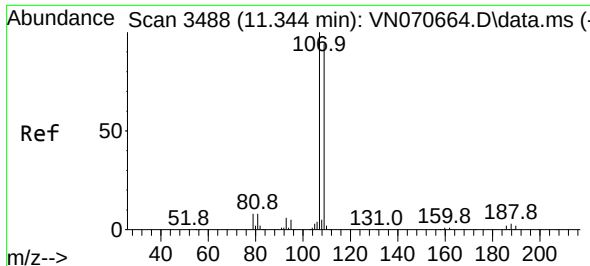
Reviewed By :John Carlone 02/07/2022
Supervised By :Mahesh Dadoda 02/08/2022



#60
Dibromochloromethane
Concen: 20.304 ug/l
RT: 11.237 min Scan# 3448
Delta R.T. -0.000 min
Lab File: VN070924.D
Acq: 3 Feb 2022 12:35

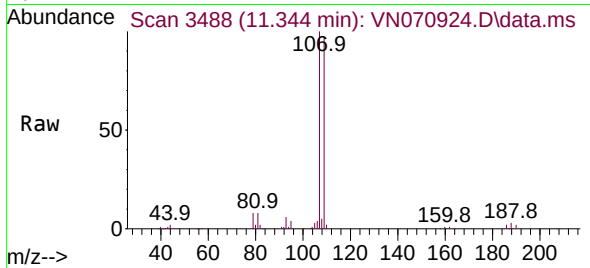
Tgt Ion:129 Resp: 171399
Ion Ratio Lower Upper
129 100
127 78.0 38.6 116.0





#61
1,2-Dibromoethane
Concen: 20.460 ug/l
RT: 11.344 min Scan# 3488
Delta R.T. 0.000 min
Lab File: VN070924.D
Acq: 3 Feb 2022 12:35

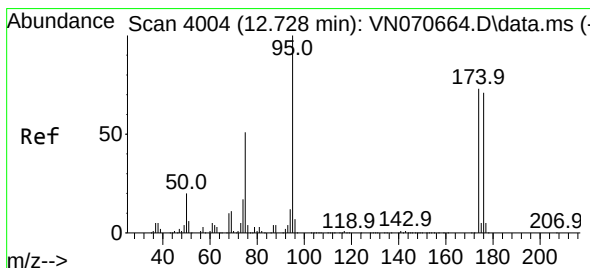
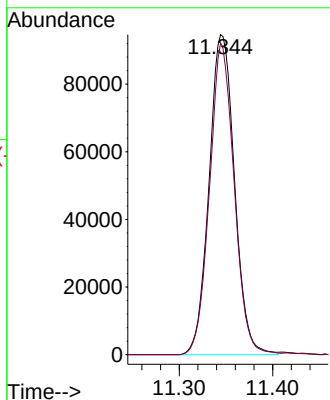
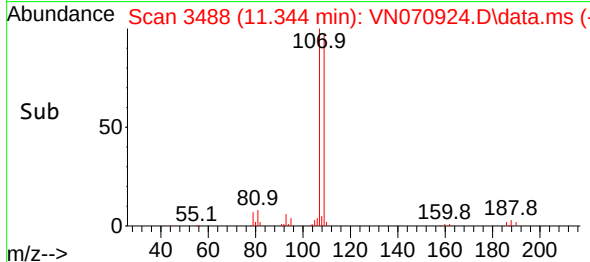
Instrument :
MSVOA_N
ClientSampleId :
VN0203MBS01



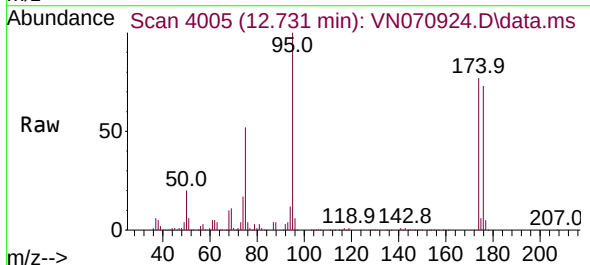
Tgt Ion:107 Resp: 179090
Ion Ratio Lower Upper
107 100
109 93.9 75.7 113.5

Manual Integrations
APPROVED

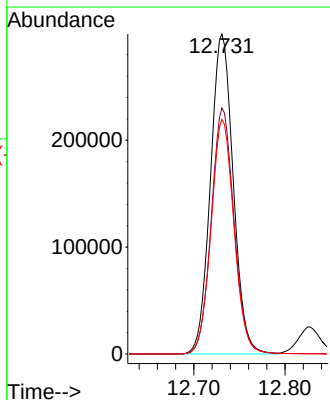
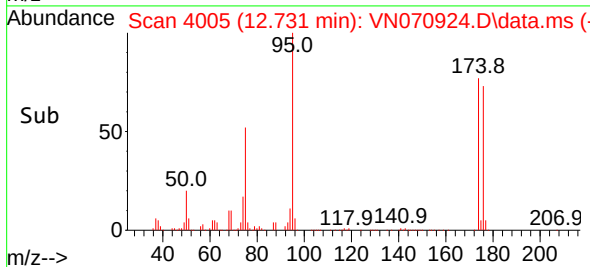
Reviewed By :John Carlone 02/07/2022
Supervised By :Mahesh Dadoda 02/08/2022

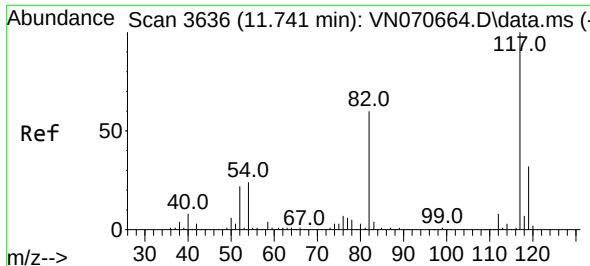


#62
4-Bromofluorobenzene
Concen: 49.468 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN070924.D
Acq: 3 Feb 2022 12:35



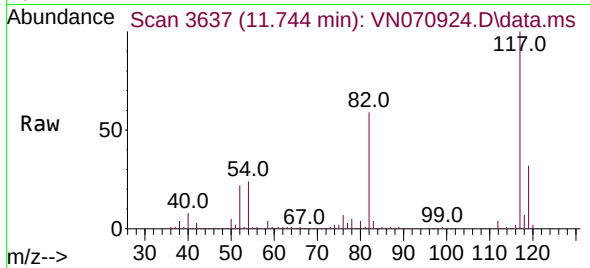
Tgt Ion: 95 Resp: 518634
Ion Ratio Lower Upper
95 100
174 77.1 0.0 187.2
176 73.6 0.0 181.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3637
Delta R.T. -0.000 min
Lab File: VN070924.D
Acq: 3 Feb 2022 12:35

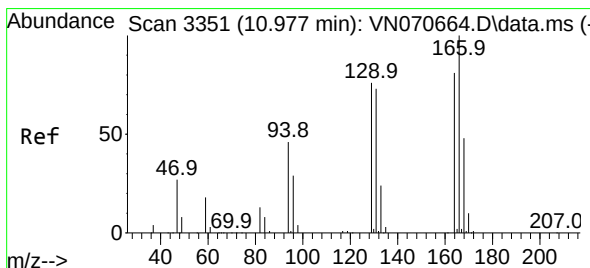
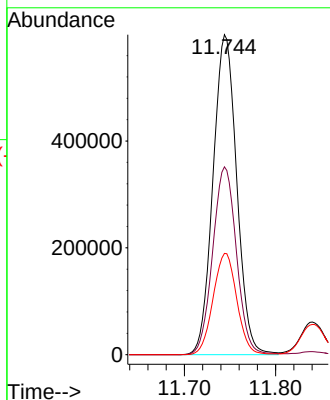
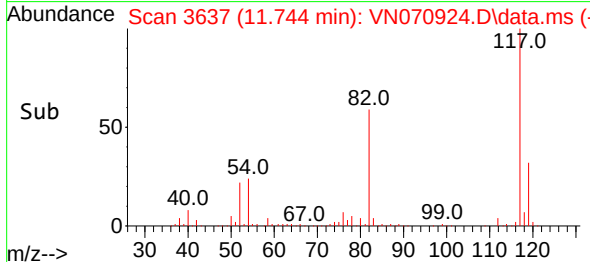
Instrument :
MSVOA_N
ClientSampleId :
VN0203MBS01



Tgt Ion:117 Resp: 108215
Ion Ratio Lower Upper
117 100
82 58.7 42.4 63.6
119 31.6 25.4 38.2

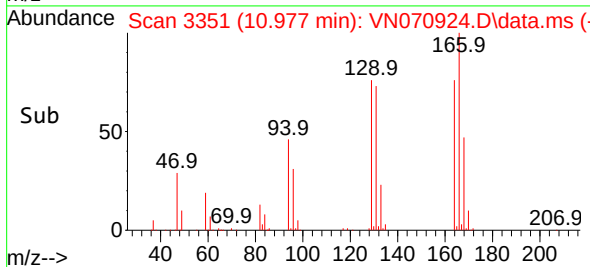
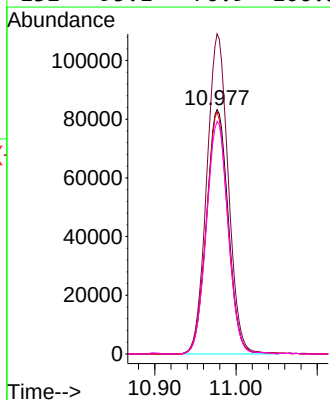
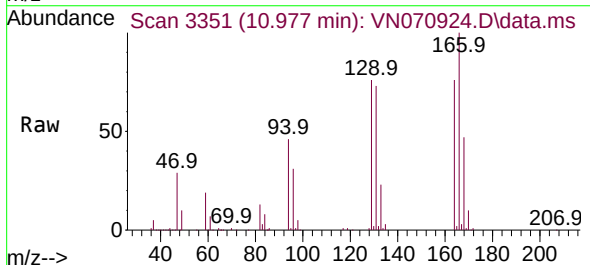
Manual Integrations
APPROVED

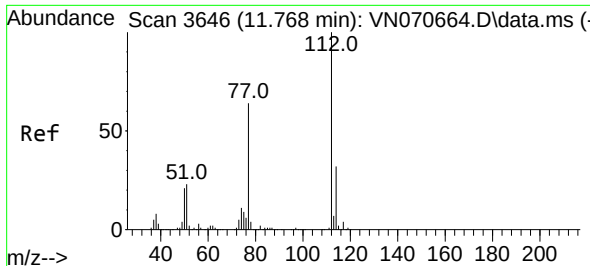
Reviewed By :John Carlone 02/07/2022
Supervised By :Mahesh Dadoda 02/08/2022



#64
Tetrachloroethene
Concen: 21.945 ug/l
RT: 10.977 min Scan# 3351
Delta R.T. -0.000 min
Lab File: VN070924.D
Acq: 3 Feb 2022 12:35

Tgt Ion:164 Resp: 155436
Ion Ratio Lower Upper
164 100
166 131.0 101.9 152.9
129 99.0 72.0 108.0
131 95.1 70.9 106.3





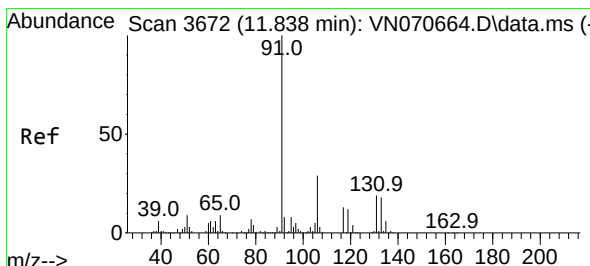
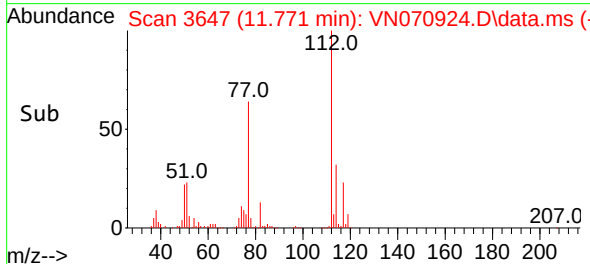
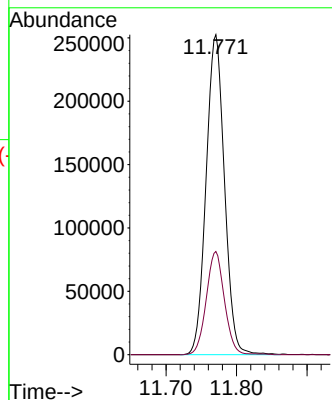
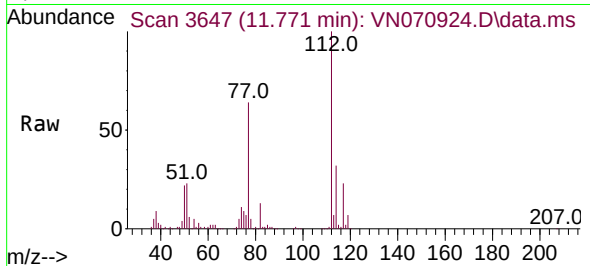
#65
Chlorobenzene
Concen: 20.177 ug/l
RT: 11.771 min Scan# 3647
Delta R.T. 0.003 min
Lab File: VN070924.D
Acq: 3 Feb 2022 12:35

Instrument :
MSVOA_N
ClientSampleId :
VN0203MBS01

Tgt Ion:112 Resp: 456992
Ion Ratio Lower Upper
112 100
114 32.3 25.4 38.0

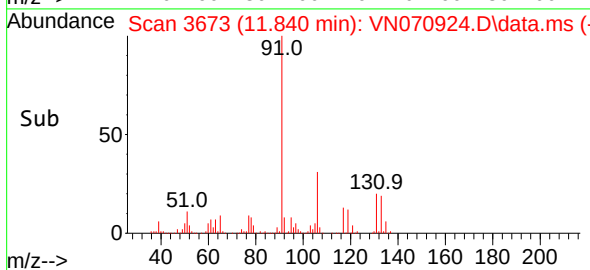
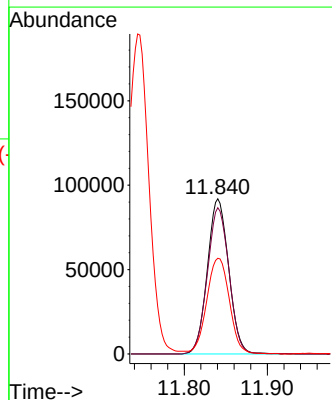
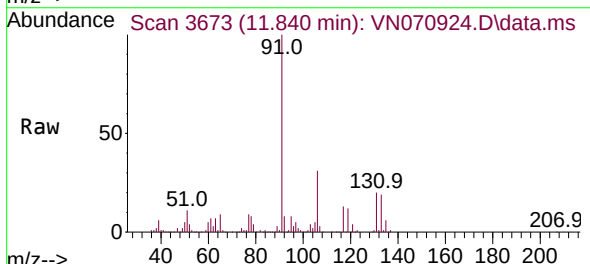
Manual Integrations
APPROVED

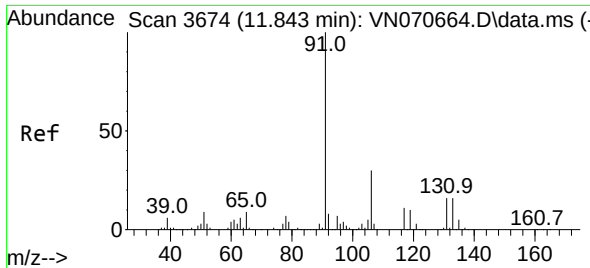
Reviewed By :John Carlone 02/07/2022
Supervised By :Mahesh Dadoda 02/08/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 20.706 ug/l
RT: 11.840 min Scan# 3673
Delta R.T. -0.001 min
Lab File: VN070924.D
Acq: 3 Feb 2022 12:35

Tgt Ion:131 Resp: 163682
Ion Ratio Lower Upper
131 100
133 95.9 47.9 143.7
119 65.7 32.1 96.5





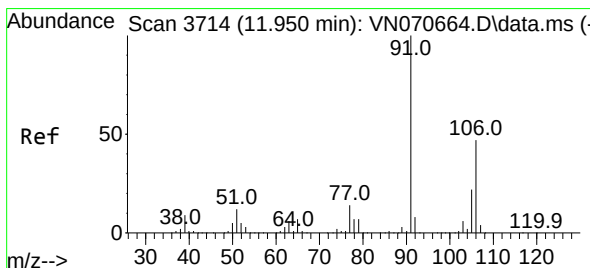
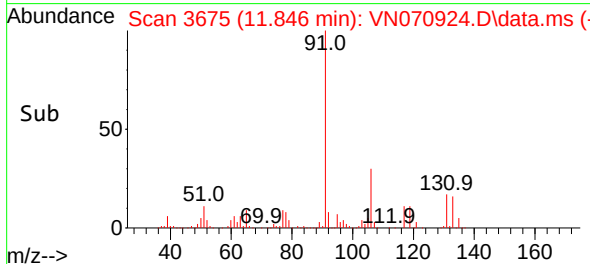
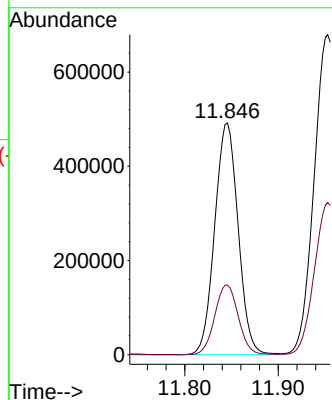
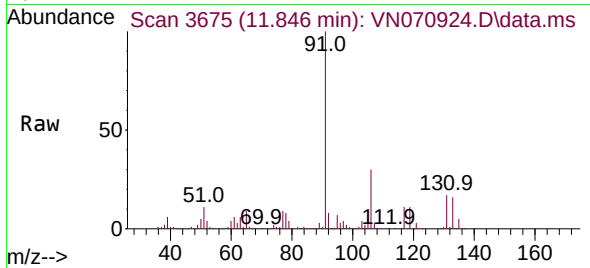
#67
Ethyl Benzene
Concen: 20.702 ug/l
RT: 11.846 min Scan# 3074
Delta R.T. 0.003 min
Lab File: VN070924.D
Acq: 3 Feb 2022 12:35

Instrument :
MSVOA_N
ClientSampleId :
VN0203MBS01

Tgt Ion: 91 Resp: 854750
Ion Ratio Lower Upper
91 100
106 30.0 25.7 38.5

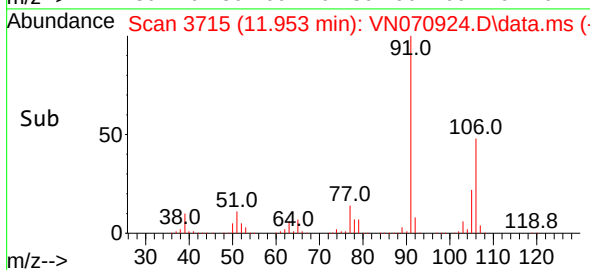
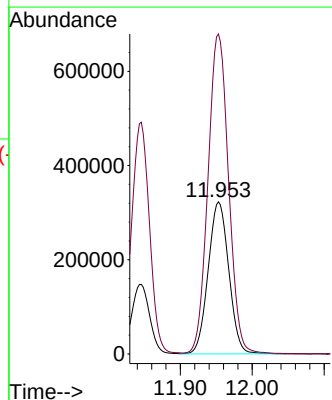
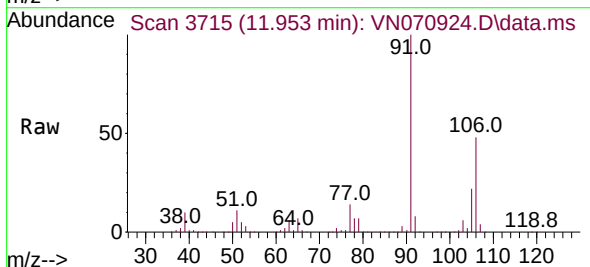
Manual Integrations
APPROVED

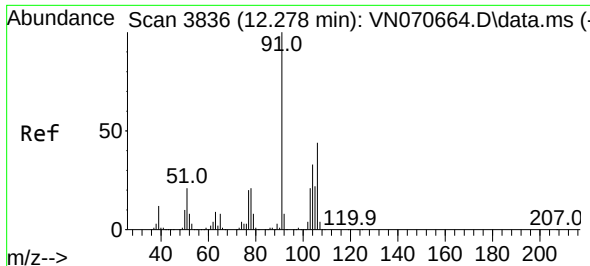
Reviewed By :John Carlone 02/07/2022
Supervised By :Mahesh Dadoda 02/08/2022



#68
m/p-Xylenes
Concen: 41.952 ug/l
RT: 11.953 min Scan# 3715
Delta R.T. -0.000 min
Lab File: VN070924.D
Acq: 3 Feb 2022 12:35

Tgt Ion:106 Resp: 641784
Ion Ratio Lower Upper
106 100
91 210.9 160.6 240.8





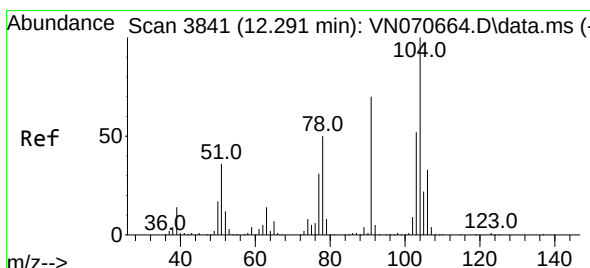
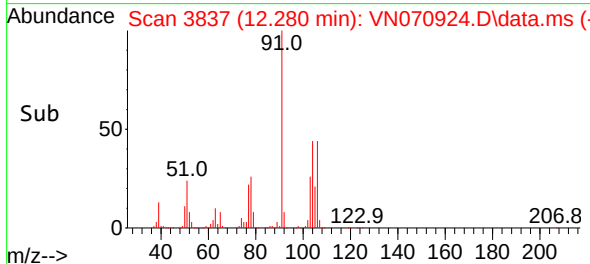
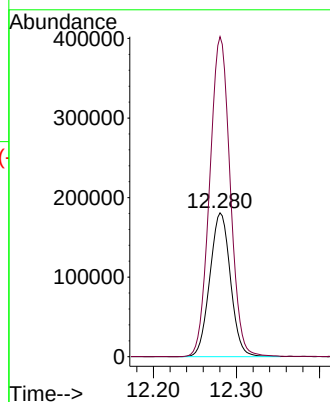
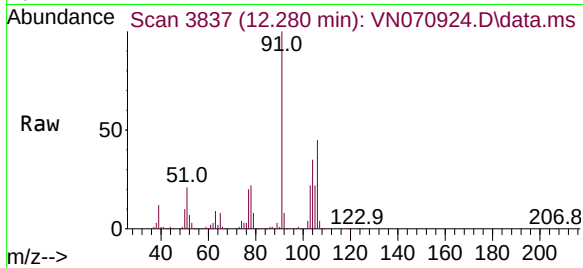
#69
o-Xylene
Concen: 20.394 ug/l
RT: 12.280 min Scan# 3837
Delta R.T. 0.000 min
Lab File: VN070924.D
Acq: 3 Feb 2022 12:35

Instrument :
MSVOA_N
ClientSampleId :
VN0203MBS01

Tgt Ion:106 Resp: 312245
Ion Ratio Lower Upper
106 100
91 221.2 105.8 317.3

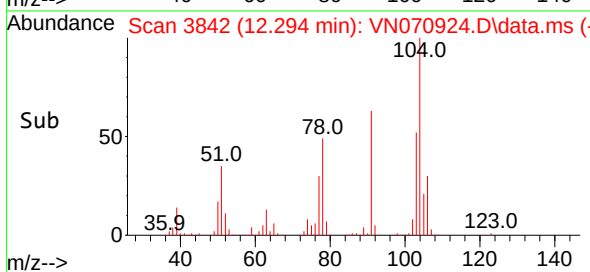
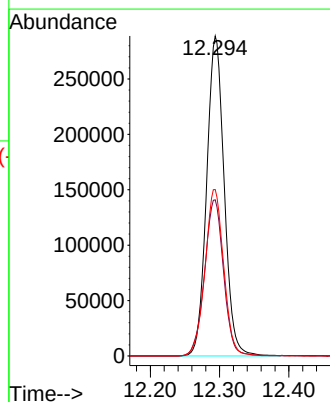
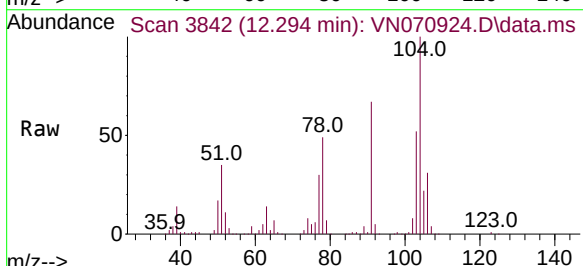
Manual Integrations
APPROVED

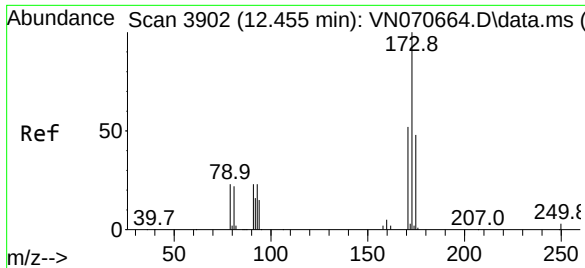
Reviewed By :John Carlone 02/07/2022
Supervised By :Mahesh Dadoda 02/08/2022



#70
Styrene
Concen: 21.070 ug/l
RT: 12.294 min Scan# 3842
Delta R.T. -0.000 min
Lab File: VN070924.D
Acq: 3 Feb 2022 12:35

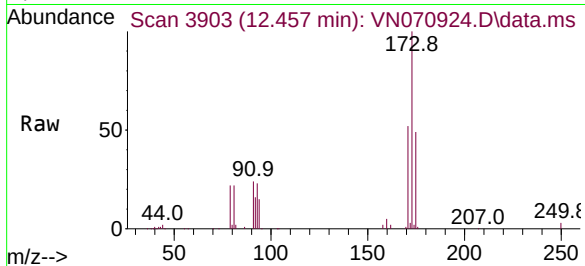
Tgt Ion:104 Resp: 508422
Ion Ratio Lower Upper
104 100
78 52.9 38.7 58.1
103 55.5 45.0 67.6





#71
Bromoform
Concen: 19.700 ug/l
RT: 12.457 min Scan# 3903
Delta R.T. 0.000 min
Lab File: VN070924.D
Acq: 3 Feb 2022 12:35

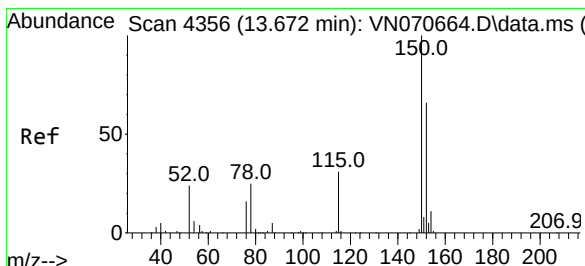
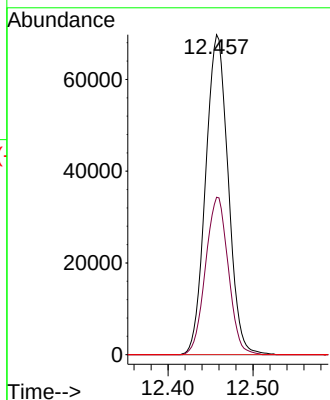
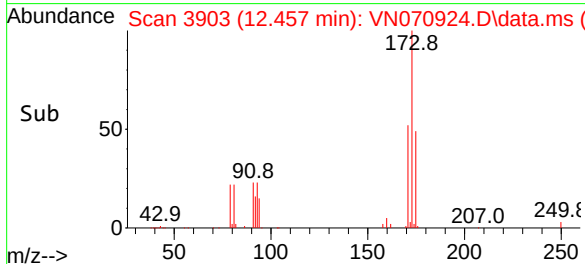
Instrument :
MSVOA_N
ClientSampleId :
VN0203MBS01



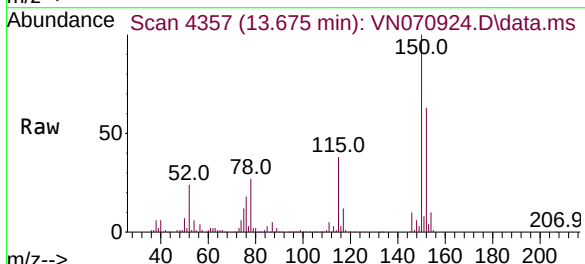
Tgt Ion:173 Resp: 12858
Ion Ratio Lower Upper
173 100
175 49.7 24.2 72.6
254 0.0 0.0 0.0

Manual Integrations
APPROVED

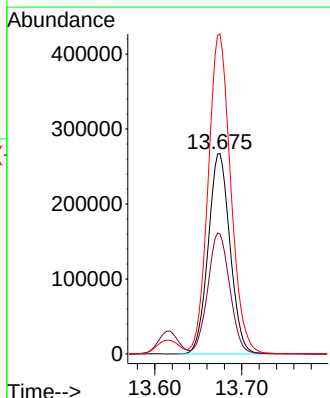
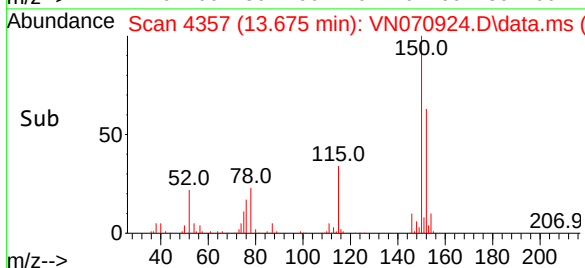
Reviewed By :John Carlone 02/07/2022
Supervised By :Mahesh Dadoda 02/08/2022

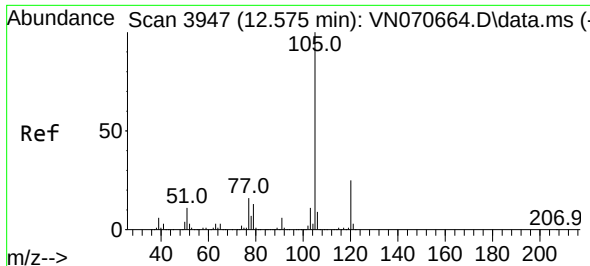


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 4357
Delta R.T. 0.003 min
Lab File: VN070924.D
Acq: 3 Feb 2022 12:35



Tgt Ion:152 Resp: 465909
Ion Ratio Lower Upper
152 100
115 60.9 27.5 82.5
150 164.8 0.0 344.4





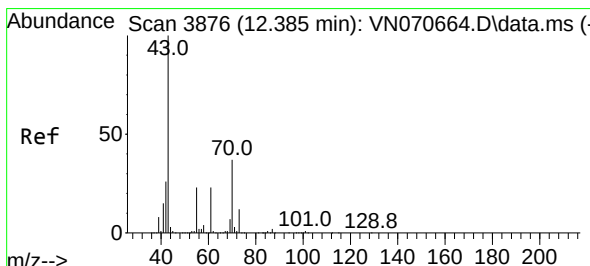
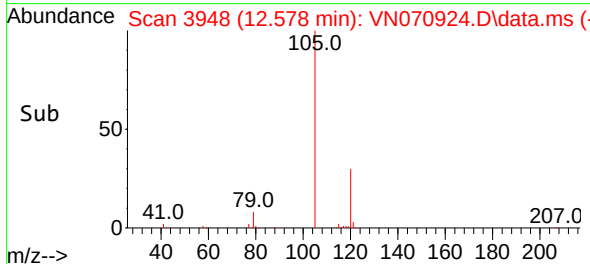
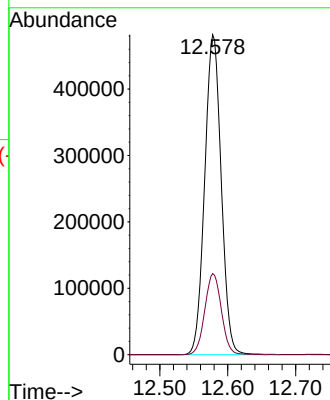
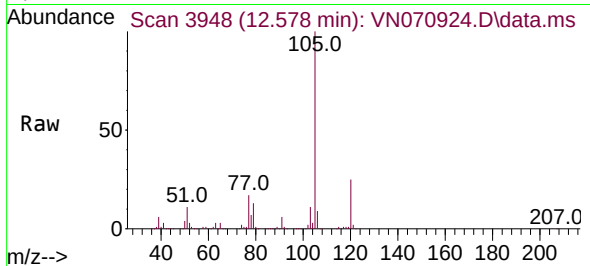
#73
Isopropylbenzene
Concen: 20.012 ug/l
RT: 12.578 min Scan# 3947
Delta R.T. -0.000 min
Lab File: VN070924.D
Acq: 3 Feb 2022 12:35

Instrument :
MSVOA_N
ClientSampleId :
VN0203MBS01

Tgt Ion:105 Resp: 813499
Ion Ratio Lower Upper
105 100
120 25.5 13.4 40.1

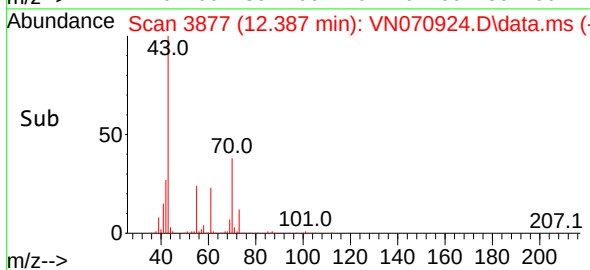
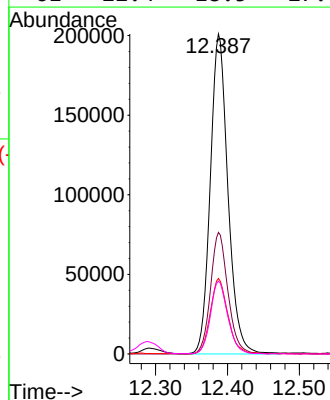
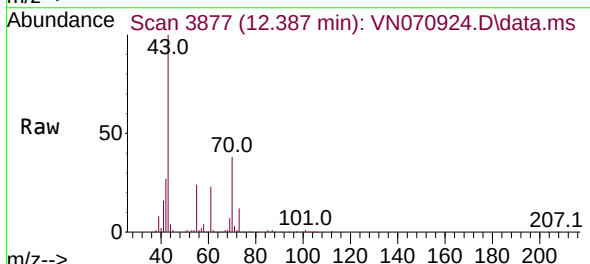
Manual Integrations
APPROVED

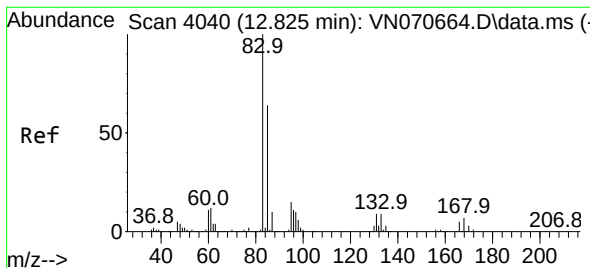
Reviewed By :John Carlone 02/07/2022
Supervised By :Mahesh Dadoda 02/08/2022



#74
N-aryl acetate
Concen: 18.859 ug/l
RT: 12.387 min Scan# 3877
Delta R.T. -0.001 min
Lab File: VN070924.D
Acq: 3 Feb 2022 12:35

Tgt Ion: 43 Resp: 343342
Ion Ratio Lower Upper
43 100
70 37.4 33.4 50.0
55 23.6 19.3 28.9
61 22.4 18.5 27.7





#75

1,1,2,2-Tetrachloroethane

Concen: 19.753 ug/l

RT: 12.827 min Scan# 4040

Delta R.T. 0.002 min

Lab File: VN070924.D

Acq: 3 Feb 2022 12:35

Instrument :

MSVOA_N

ClientSampleId :

VN0203MBS01

Tgt Ion: 83 Resp: 278124

Ion Ratio Lower Upper

83 100

131 9.6 5.5 16.5

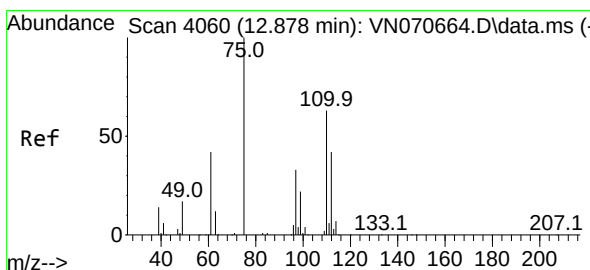
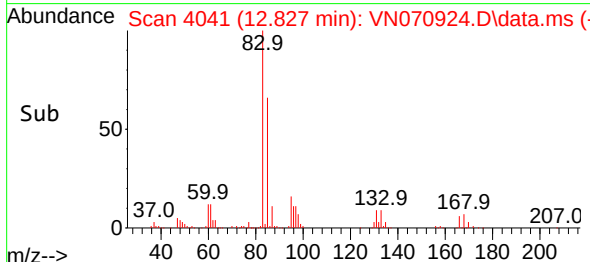
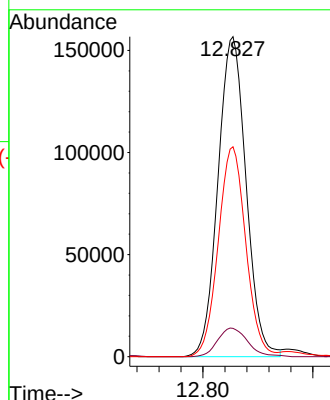
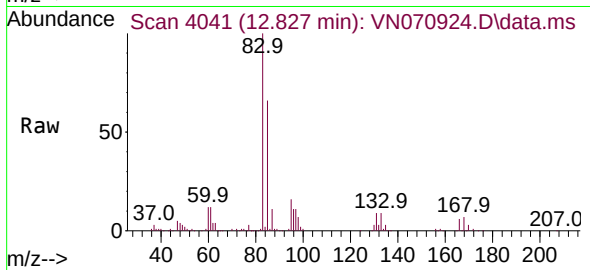
85 64.3 32.4 97.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/07/2022

Supervised By :Mahesh Dadoda 02/08/2022



#76

1,2,3-Trichloropropane

Concen: 18.997 ug/l m

RT: 12.878 min Scan# 4060

Delta R.T. 0.000 min

Lab File: VN070924.D

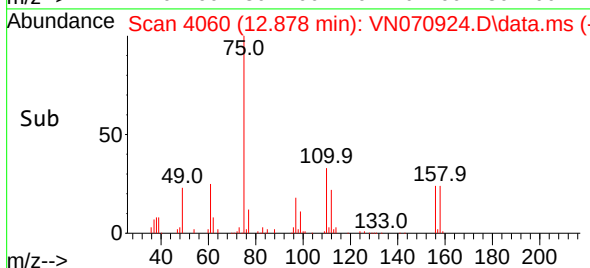
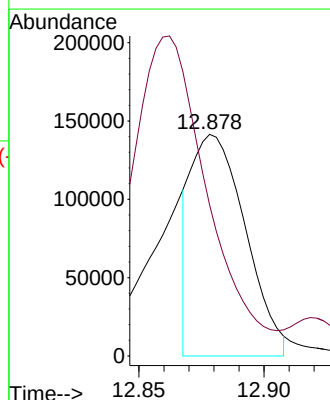
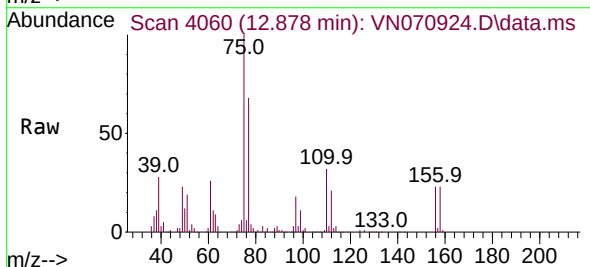
Acq: 3 Feb 2022 12:35

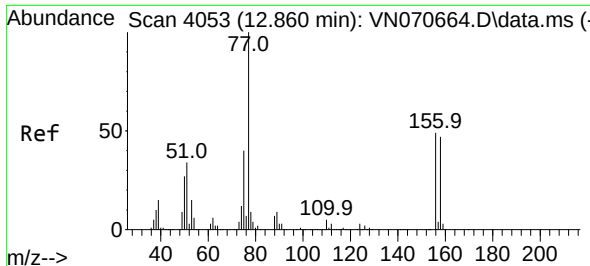
Tgt Ion: 75 Resp: 213042

Ion Ratio Lower Upper

75 100

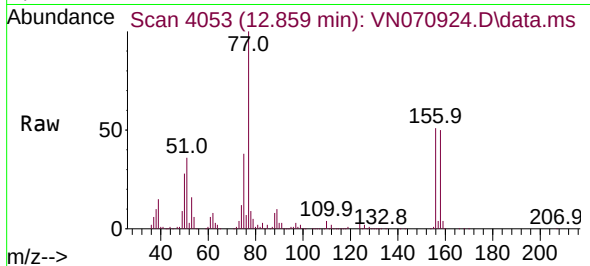
77 203.1 82.6 247.8





#77
Bromobenzene
Concen: 19.201 ug/l
RT: 12.859 min Scan# 4053
Delta R.T. -0.001 min
Lab File: VN070924.D
Acq: 3 Feb 2022 12:35

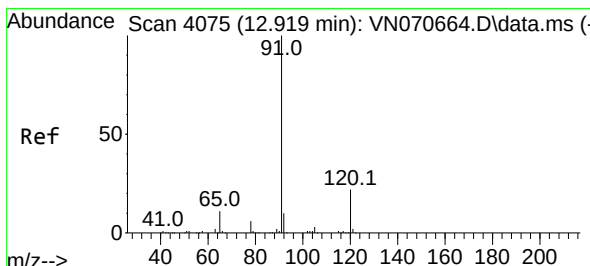
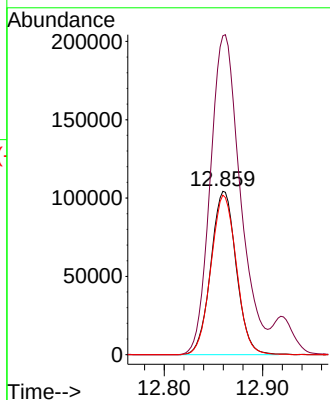
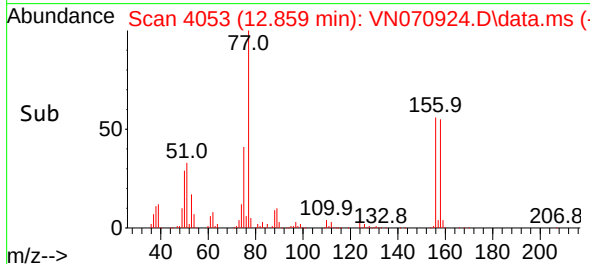
Instrument :
MSVOA_N
ClientSampleId :
VN0203MBS01



Tgt Ion:156 Resp: 18711
Ion Ratio Lower Upper
156 100
77 231.3 90.6 271.8
158 98.1 48.9 146.7

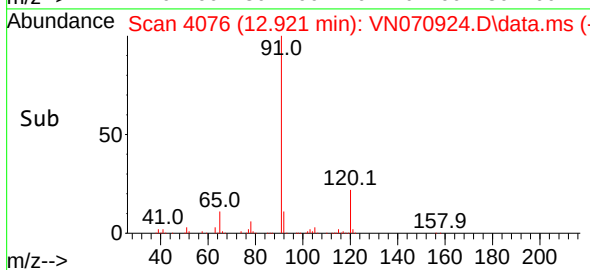
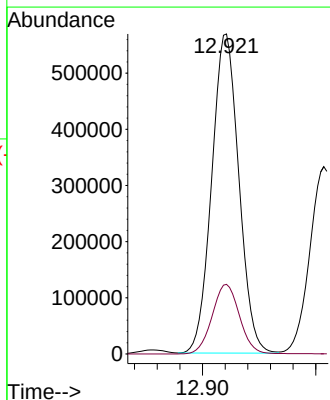
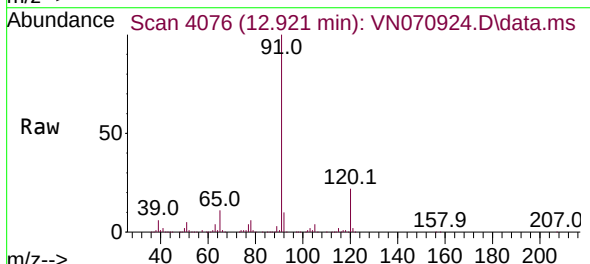
Manual Integrations
APPROVED

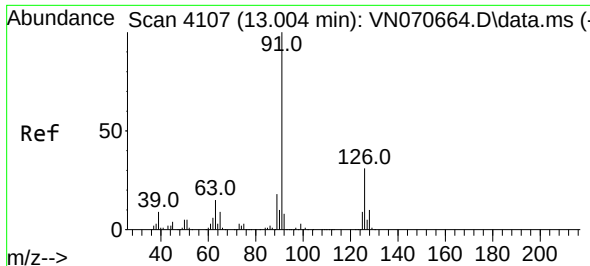
Reviewed By :John Carlone 02/07/2022
Supervised By :Mahesh Dadoda 02/08/2022



#78
n-propylbenzene
Concen: 20.387 ug/l
RT: 12.921 min Scan# 4076
Delta R.T. 0.002 min
Lab File: VN070924.D
Acq: 3 Feb 2022 12:35

Tgt Ion: 91 Resp: 945126
Ion Ratio Lower Upper
91 100
120 22.0 11.9 35.9





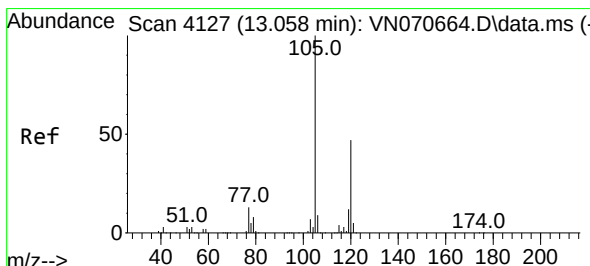
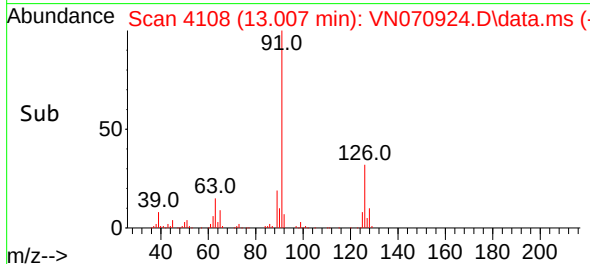
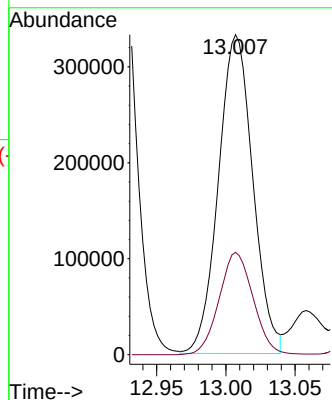
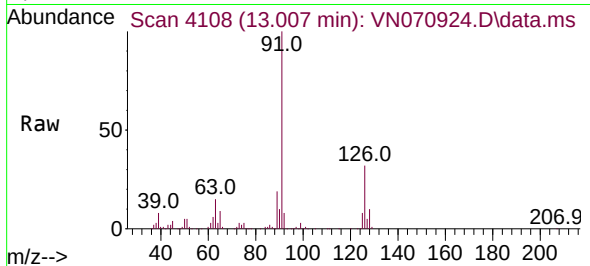
#79
2-Chlorotoluene
Concen: 19.959 ug/l
RT: 13.007 min Scan# 4107
Delta R.T. 0.000 min
Lab File: VN070924.D
Acq: 3 Feb 2022 12:35

Instrument :
MSVOA_N
ClientSampleId :
VN0203MBS01

Tgt Ion: 91 Resp: 575334
Ion Ratio Lower Upper
91 100
126 31.7 18.3 54.8

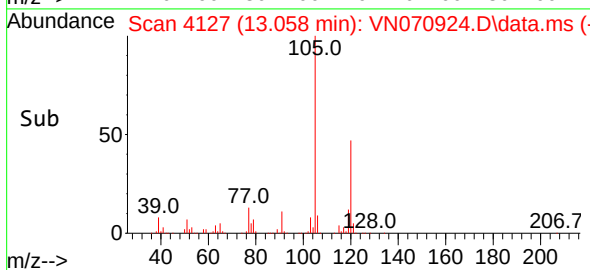
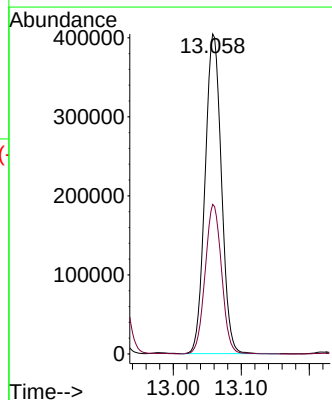
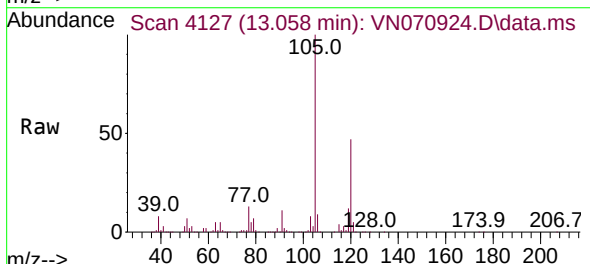
Manual Integrations
APPROVED

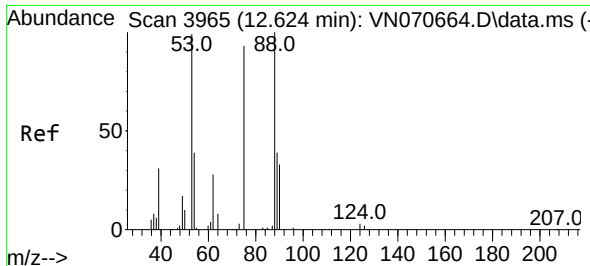
Reviewed By :John Carlone 02/07/2022
Supervised By :Mahesh Dadoda 02/08/2022



#80
1,3,5-Trimethylbenzene
Concen: 20.460 ug/l
RT: 13.058 min Scan# 4127
Delta R.T. -0.000 min
Lab File: VN070924.D
Acq: 3 Feb 2022 12:35

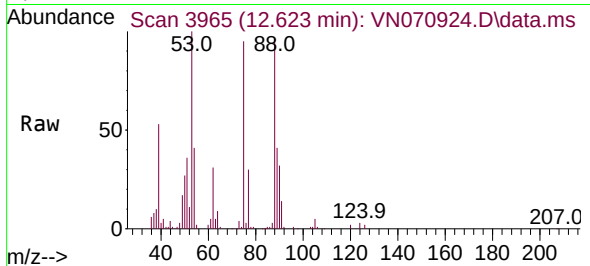
Tgt Ion:105 Resp: 674221
Ion Ratio Lower Upper
105 100
120 47.3 24.6 73.6





#81
trans-1,4-Dichloro-2-butene
Concen: 19.169 ug/l
RT: 12.623 min Scan# 3965
Delta R.T. -0.001 min
Lab File: VN070924.D
Acq: 3 Feb 2022 12:35

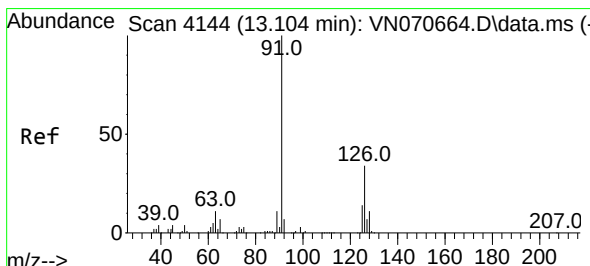
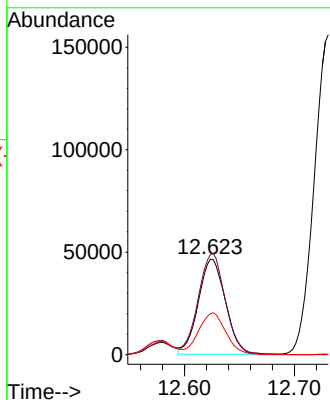
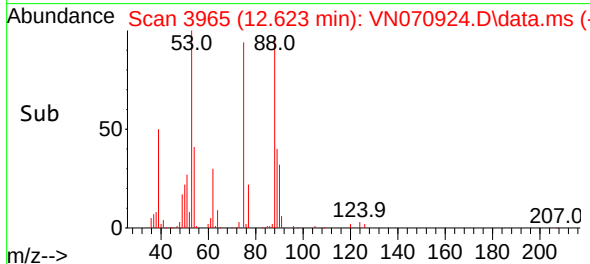
Instrument :
MSVOA_N
ClientSampleId :
VN0203MBS01



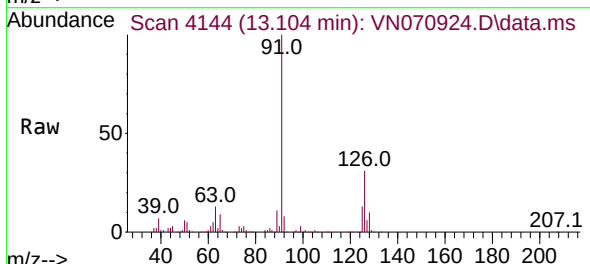
Tgt Ion: 75 Resp: 7930
Ion Ratio Lower Upper
75 100
53 107.5 90.5 135.7
89 44.7 38.2 57.4

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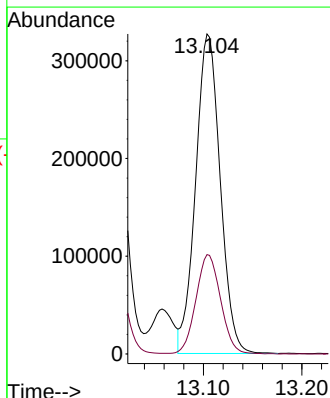
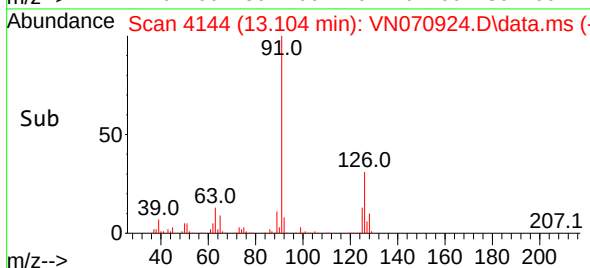
Reviewed By :John Carlone 02/07/2022
Supervised By :Mahesh Dadoda 02/08/2022

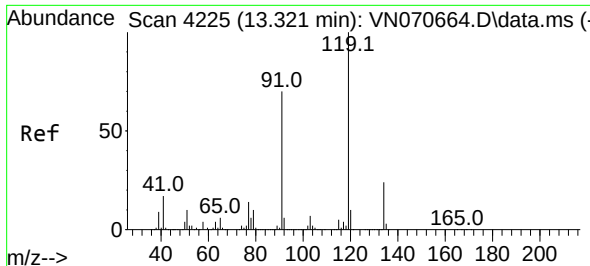


#82
4-Chlorotoluene
Concen: 20.370 ug/l
RT: 13.104 min Scan# 4144
Delta R.T. -0.000 min
Lab File: VN070924.D
Acq: 3 Feb 2022 12:35



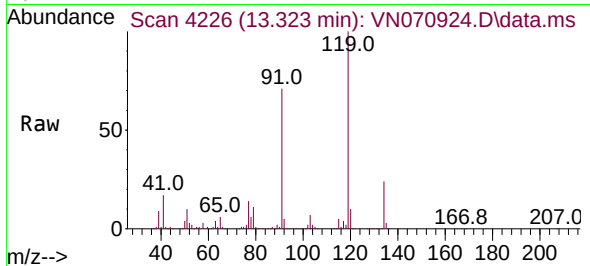
Tgt Ion: 91 Resp: 565943
Ion Ratio Lower Upper
91 100
126 31.1 18.2 54.6





#83
tert-Butylbenzene
Concen: 19.796 ug/l
RT: 13.323 min Scan# 4225
Delta R.T. 0.002 min
Lab File: VN070924.D
Acq: 3 Feb 2022 12:35

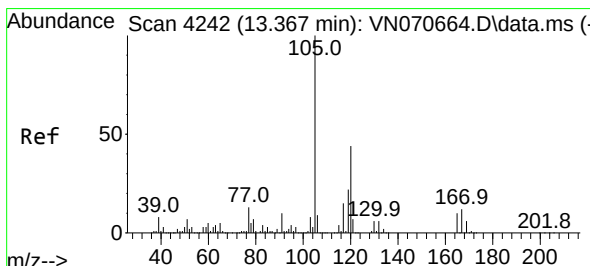
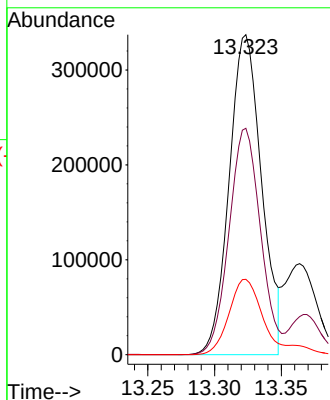
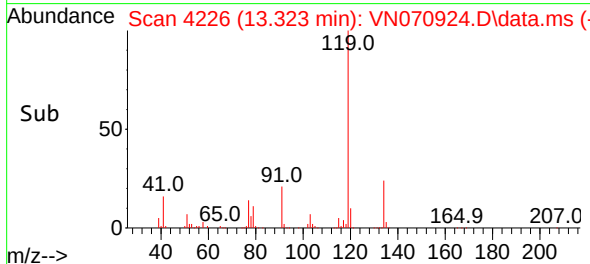
Instrument :
MSVOA_N
ClientSampleId :
VN0203MBS01



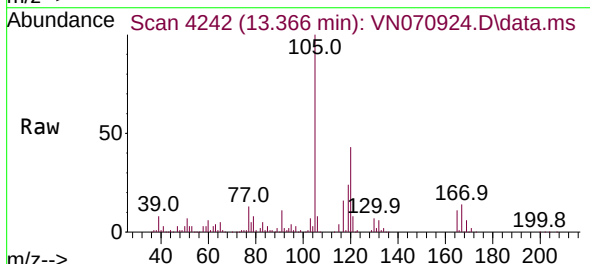
Tgt Ion:119 Resp: 568909
Ion Ratio Lower Upper
119 100
91 68.9 31.5 94.5
134 26.1 12.4 37.4

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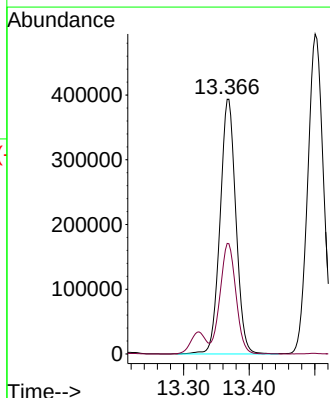
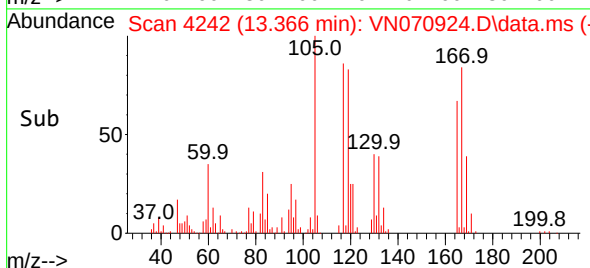
Reviewed By :John Carlone 02/07/2022
Supervised By :Mahesh Dadoda 02/08/2022

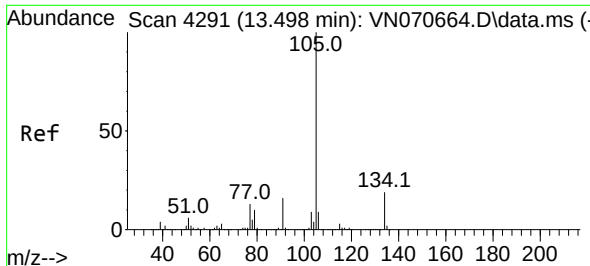


#84
1,2,4-Trimethylbenzene
Concen: 20.454 ug/l
RT: 13.366 min Scan# 4242
Delta R.T. -0.001 min
Lab File: VN070924.D
Acq: 3 Feb 2022 12:35



Tgt Ion:105 Resp: 659117
Ion Ratio Lower Upper
105 100
120 43.3 22.8 68.4





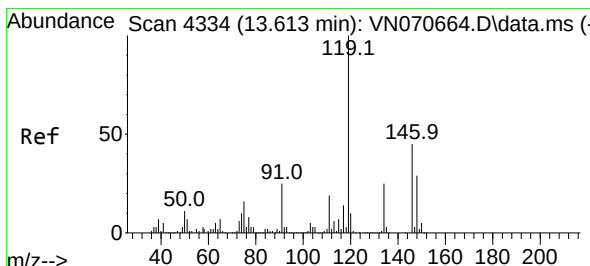
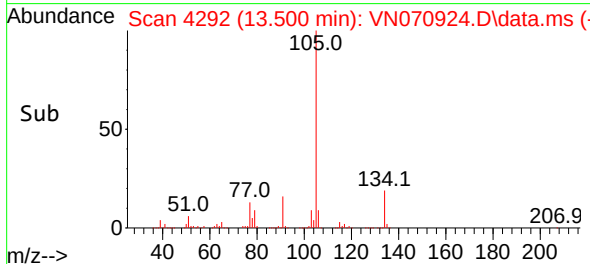
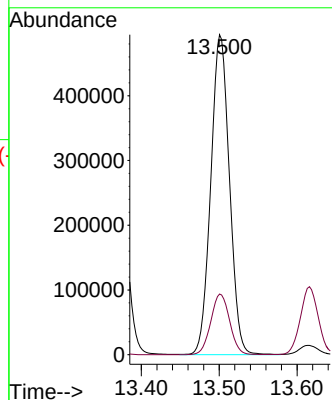
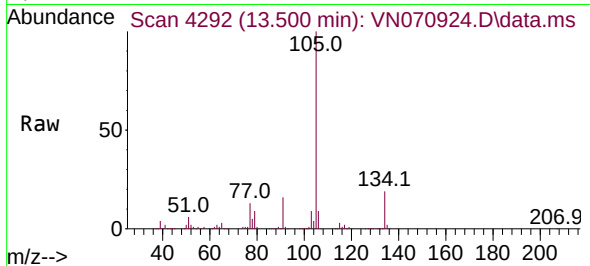
#85
 sec-Butylbenzene
 Concen: 20.406 ug/l
 RT: 13.500 min Scan# 41
 Delta R.T. -0.001 min
 Lab File: VN070924.D
 Acq: 3 Feb 2022 12:35

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0203MBS01

Tgt Ion:105 Resp: 82046
 Ion Ratio Lower Upper
 105 100
 134 19.3 10.4 31.1

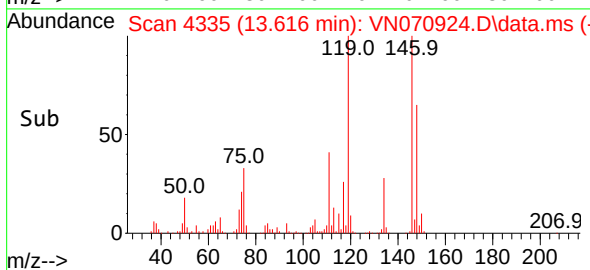
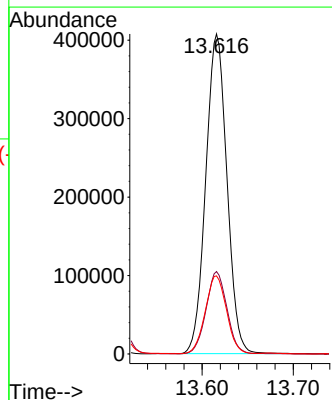
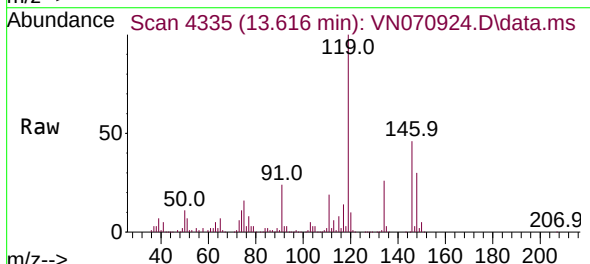
Manual Integrations
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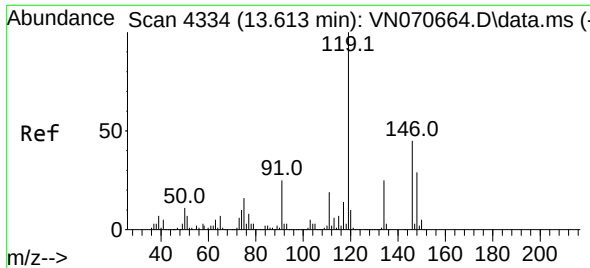
Reviewed By :John Carlone 02/07/2022
 Supervised By :Mahesh Dadoda 02/08/2022



#86
 p-Isopropyltoluene
 Concen: 20.716 ug/l
 RT: 13.616 min Scan# 4335
 Delta R.T. 0.003 min
 Lab File: VN070924.D
 Acq: 3 Feb 2022 12:35

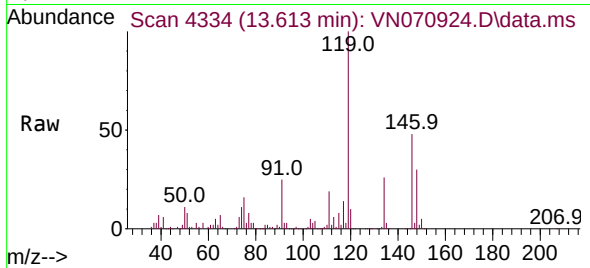
Tgt Ion:119 Resp: 656844
 Ion Ratio Lower Upper
 119 100
 134 25.3 13.6 40.7
 91 24.4 11.4 34.1





#87
 1,3-Dichlorobenzene
 Concen: 20.329 ug/l
 RT: 13.613 min Scan# 4334
 Delta R.T. 0.000 min
 Lab File: VN070924.D
 Acq: 3 Feb 2022 12:35

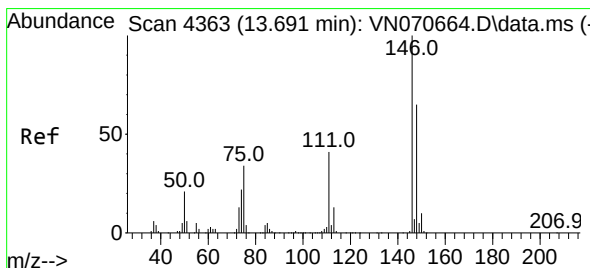
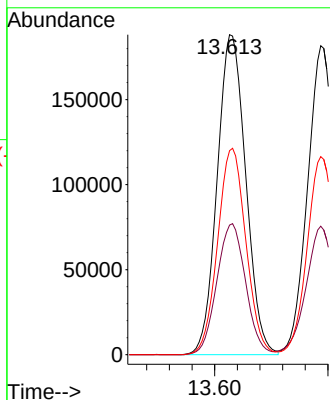
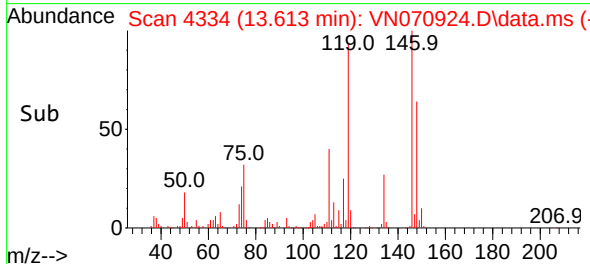
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0203MBS01



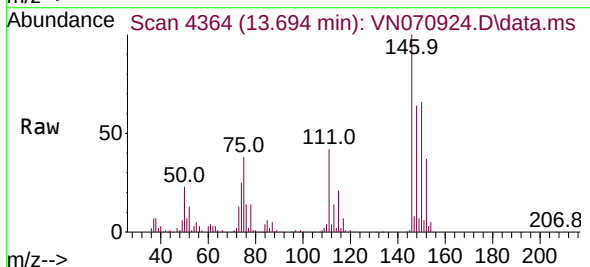
Tgt Ion:146 Resp: 32954
 Ion Ratio Lower Upper
 146 100
 111 41.3 18.6 55.6
 148 63.9 31.6 95.0

Manual Integrations
 APPROVED

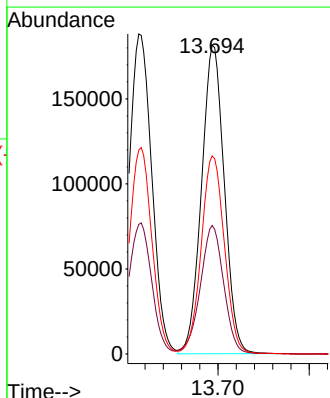
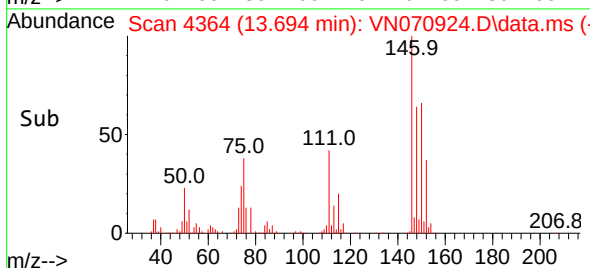
Reviewed By :John Carlone 02/07/2022
 Supervised By :Mahesh Dadoda 02/08/2022

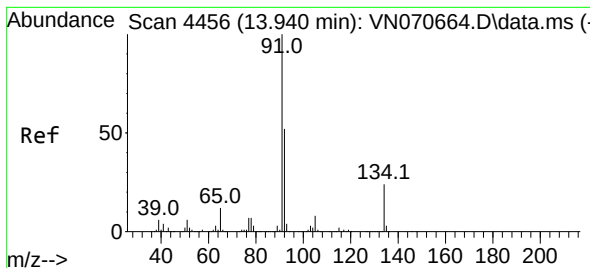


#88
 1,4-Dichlorobenzene
 Concen: 19.439 ug/l
 RT: 13.694 min Scan# 4364
 Delta R.T. -0.000 min
 Lab File: VN070924.D
 Acq: 3 Feb 2022 12:35



Tgt Ion:146 Resp: 315210
 Ion Ratio Lower Upper
 146 100
 111 42.4 18.3 54.8
 148 65.1 31.8 95.4





#89

n-Butylbenzene

Concen: 19.717 ug/l

RT: 13.943 min Scan# 4456

Delta R.T. 0.002 min

Lab File: VN070924.D

Acq: 3 Feb 2022 12:35

Instrument :

MSVOA_N

ClientSampleId :

VN0203MBS01

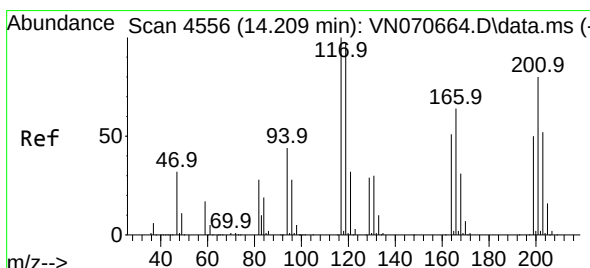
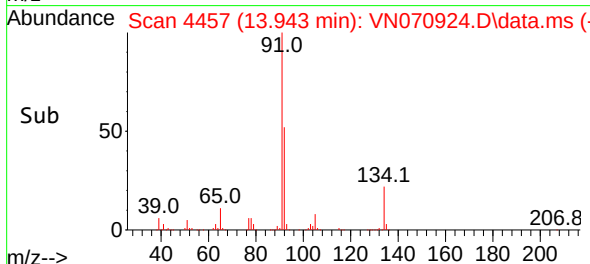
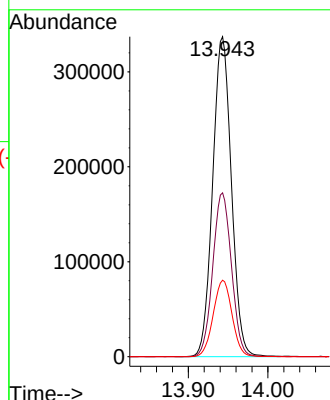
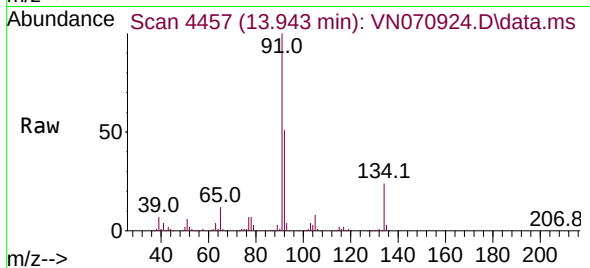
Tgt Ion:	91	Resp:	55093
Ion Ratio	Lower	Upper	
91	100		
92	51.3	25.4	76.0
134	24.1	13.6	40.8

Manual Integrations

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Reviewed By :John Carlone 02/07/2022

Supervised By :Mahesh Dadoda 02/08/2022



#90

Hexachloroethane

Concen: 19.672 ug/l

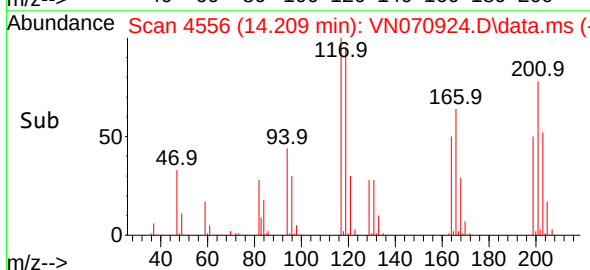
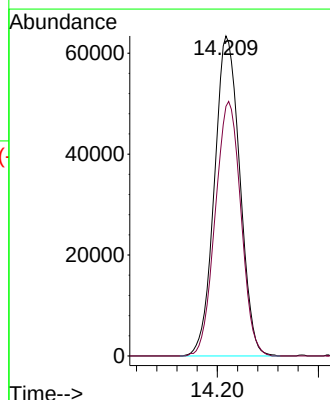
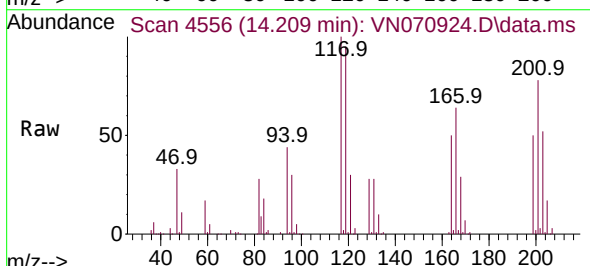
RT: 14.209 min Scan# 4556

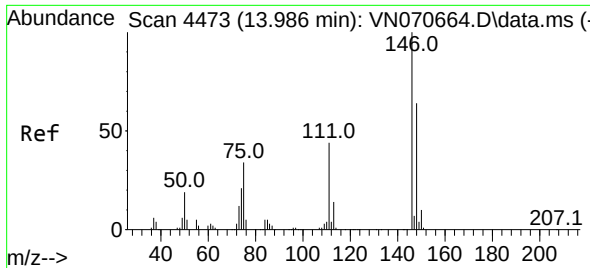
Delta R.T. -0.000 min

Lab File: VN070924.D

Acq: 3 Feb 2022 12:35

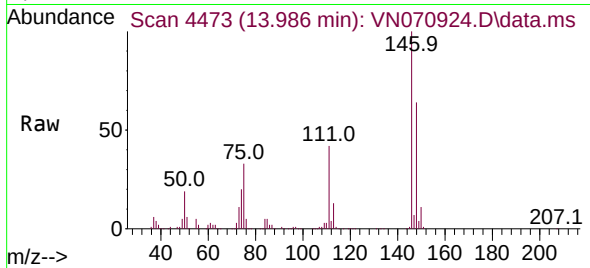
Tgt Ion:	117	Resp:	110540
Ion Ratio	Lower	Upper	
117	100		
201	80.4	43.9	131.6





#91
1,2-Dichlorobenzene
Concen: 20.204 ug/l
RT: 13.986 min Scan# 4473
Delta R.T. -0.000 min
Lab File: VN070924.D
Acq: 3 Feb 2022 12:35

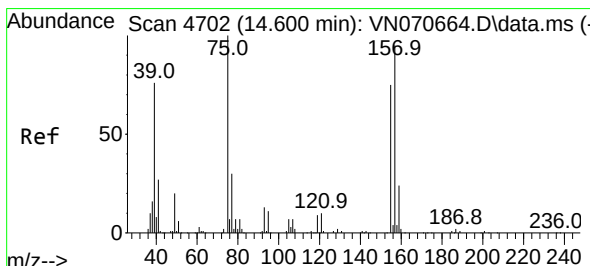
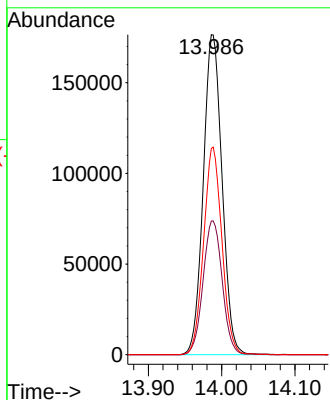
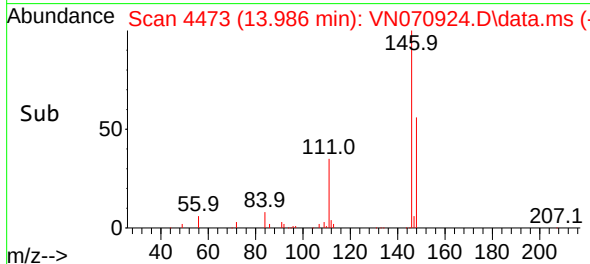
Instrument :
MSVOA_N
ClientSampleId :
VN0203MBS01



Tgt Ion:146 Resp: 31419
Ion Ratio Lower Upper
146 100
111 42.7 19.1 57.3
148 63.3 32.1 96.3

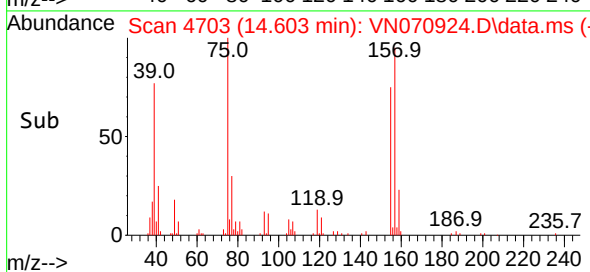
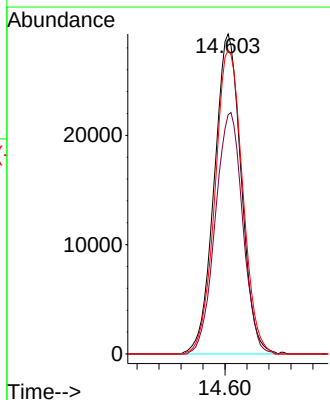
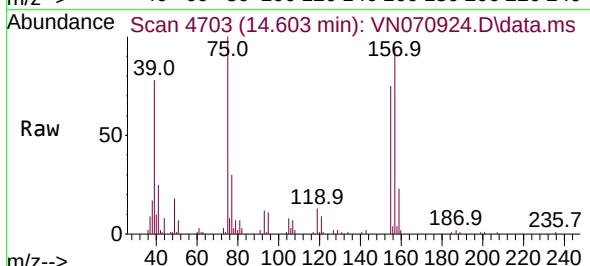
Manual Integrations
APPROVED

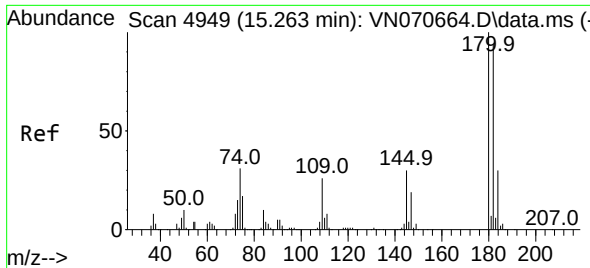
Reviewed By :John Carlone 02/07/2022
Supervised By :Mahesh Dadoda 02/08/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 19.500 ug/l
RT: 14.603 min Scan# 4703
Delta R.T. -0.000 min
Lab File: VN070924.D
Acq: 3 Feb 2022 12:35

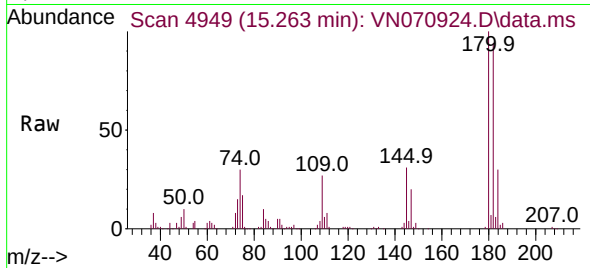
Tgt Ion: 75 Resp: 49754
Ion Ratio Lower Upper
75 100
155 76.9 46.9 140.7
157 97.4 60.6 181.7





#93
1,2,4-Trichlorobenzene
Concen: 18.383 ug/l
RT: 15.263 min Scan# 4949
Delta R.T. -0.000 min
Lab File: VN070924.D
Acq: 3 Feb 2022 12:35

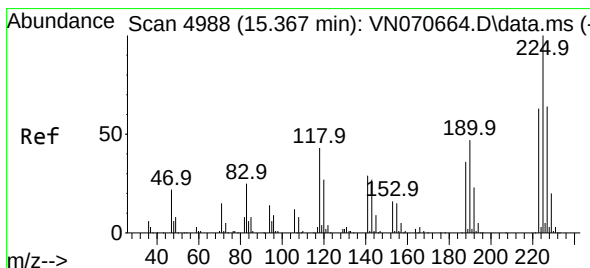
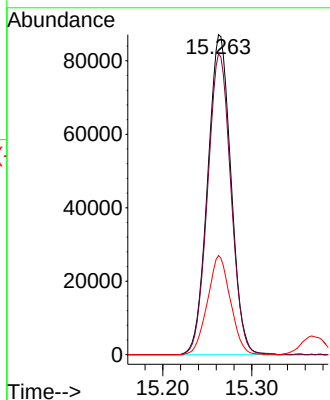
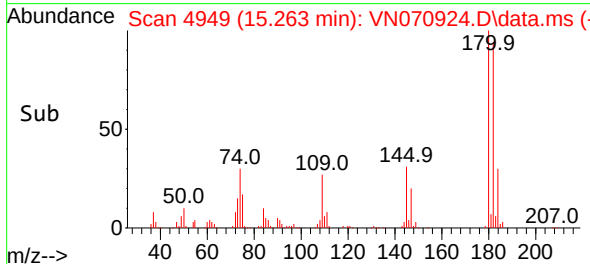
Instrument :
MSVOA_N
ClientSampleId :
VN0203MBS01



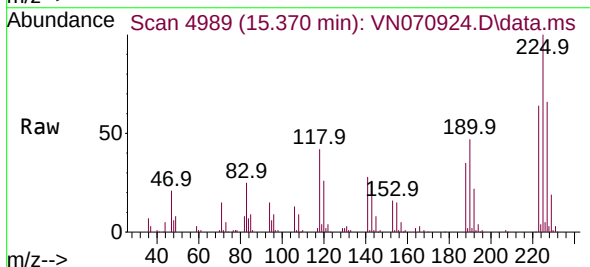
Tgt Ion:180 Resp: 158194
Ion Ratio Lower Upper
180 100
182 94.0 48.3 144.9
145 30.5 14.5 43.5

Manual Integrations
APPROVED

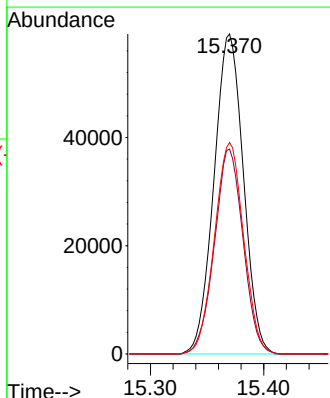
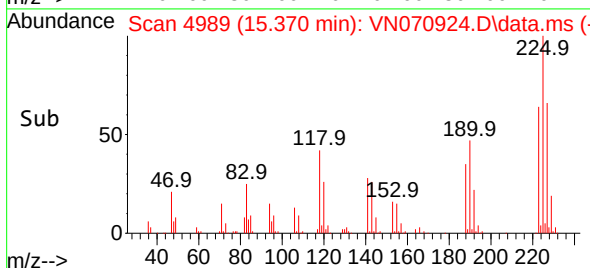
Reviewed By :John Carlone 02/07/2022
Supervised By :Mahesh Dadoda 02/08/2022

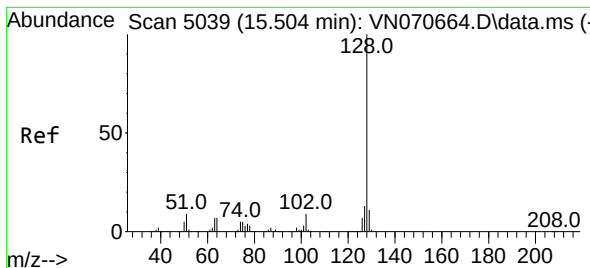


#94
Hexachlorobutadiene
Concen: 20.509 ug/l
RT: 15.370 min Scan# 4989
Delta R.T. 0.003 min
Lab File: VN070924.D
Acq: 3 Feb 2022 12:35



Tgt Ion:225 Resp: 106518
Ion Ratio Lower Upper
225 100
223 62.4 31.9 95.7
227 65.6 32.1 96.3





#95

Naphthalene

Concen: 18.032 ug/l

RT: 15.507 min Scan# 5039

Delta R.T. 0.003 min

Lab File: VN070924.D

Acq: 3 Feb 2022 12:35

Instrument :

MSVOA_N

ClientSampleId :

VN0203MBS01

Tgt Ion:128 Resp: 380964

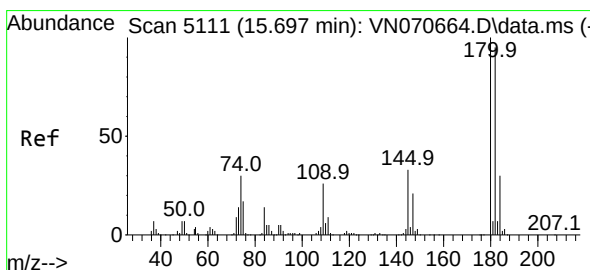
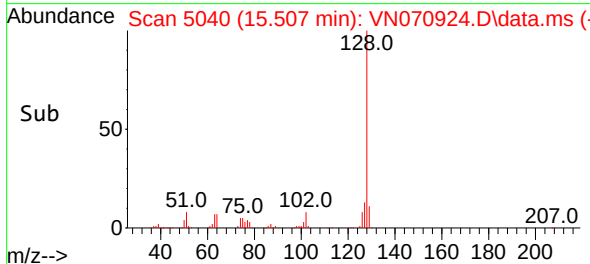
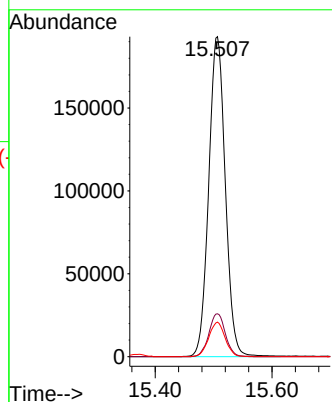
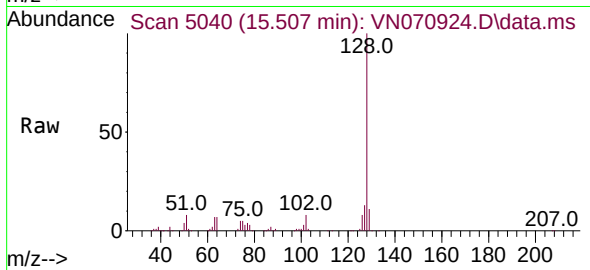
Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.5	15.7
129	10.7	8.7	13.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/07/2022

Supervised By :Mahesh Dadoda 02/08/2022



#96

1,2,3-Trichlorobenzene

Concen: 19.505 ug/l

RT: 15.700 min Scan# 5112

Delta R.T. -0.000 min

Lab File: VN070924.D

Acq: 3 Feb 2022 12:35

Tgt Ion:180 Resp: 151270

Ion	Ratio	Lower	Upper
180	100		
182	95.3	47.4	142.2
145	32.1	15.0	45.1

