

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120321\
 Data File : VN069736.D
 Acq On : 3 Dec 2021 23:43
 Operator : JC/MD
 Sample : VN1203WBSD02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1203WBSD02

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/04/2021
 Supervised By : Mahesh Dadoda 12/06/2021

Quant Time: Dec 04 05:39:03 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 03 08:46:47 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	1065301	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1774001	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1637449	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	647103	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	873011	53.076	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 106.160%			
35) Dibromofluoromethane	8.021	113	591829	53.261	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 106.520%			
50) Toluene-d8	10.440	98	2369799	53.113	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 106.220%			
62) 4-Bromofluorobenzene	12.731	95	797510	49.338	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 98.680%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.073	85	250037	20.124	ug/l	98
3) Chloromethane	2.306	50	290620	18.670	ug/l	100
4) Vinyl Chloride	2.448	62	271365	18.959	ug/l	98
5) Bromomethane	2.859	94	160369	20.623	ug/l	99
6) Chloroethane	3.022	64	165390	18.856	ug/l	95
7) Trichlorofluoromethane	3.382	101	363739	19.363	ug/l	97
8) Diethyl Ether	3.827	74	135698	18.755	ug/l	83
9) 1,1,2-Trichlorotrifluo...	4.205	101	200410	19.032	ug/l	95
10) Methyl Iodide	4.419	142	273408	19.005	ug/l	97
11) Tert butyl alcohol	5.377	59	237271	76.314	ug/l	100
12) 1,1-Dichloroethene	4.183	96	190593	18.782	ug/l	86
13) Acrolein	4.041	56	194422	73.431	ug/l	97
14) Allyl chloride	4.840	41	412617	18.045	ug/l	94
15) Acrylonitrile	5.557	53	698750	83.403	ug/l	97
16) Acetone	4.291	43	677439	68.467	ug/l	98
17) Carbon Disulfide	4.529	76	476117	18.161	ug/l	98
18) Methyl Acetate	4.857	43	507846	17.004	ug/l	91
19) Methyl tert-butyl Ether	5.618	73	739908	18.753	ug/l	96
20) Methylene Chloride	5.095	84	240843	18.310	ug/l #	84
21) trans-1,2-Dichloroethene	5.599	96	202088	18.335	ug/l	89
22) Diisopropyl ether	6.495	45	866496	19.388	ug/l	96
23) Vinyl Acetate	6.436	43	3404906	93.644	ug/l	95
24) 1,1-Dichloroethane	6.388	63	442857	19.129	ug/l	98
25) 2-Butanone	7.337	43	1047028	77.883	ug/l	92
26) 2,2-Dichloropropane	7.327	77	301364	16.742	ug/l	97
27) cis-1,2-Dichloroethene	7.327	96	248738	18.679	ug/l	87
28) Bromochloromethane	7.657	49	233277	19.377	ug/l #	78
29) Tetrahydrofuran	7.686	42	700909	85.861	ug/l	88
30) Chloroform	7.817	83	444574	19.014	ug/l	99
31) Cyclohexane	8.094	56	439338	19.193	ug/l	89
32) 1,1,1-Trichloroethane	8.013	97	375358	18.847	ug/l	96
36) 1,1-Dichloropropene	8.222	75	328138	19.430	ug/l	96
37) Ethyl Acetate	7.415	43	441716	17.573	ug/l #	93
38) Carbon Tetrachloride	8.206	117	312599	18.876	ug/l	98
39) Methylcyclohexane	9.459	83	376237	18.730	ug/l #	87
40) Benzene	8.458	78	992547	19.228	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.635	41	204859	17.362	ug/l	91
42) 1,2-Dichloroethane	8.531	62	396602	19.033	ug/l	97
43) Isopropyl Acetate	8.563	43	661630	17.787	ug/l #	94
44) Trichloroethene	9.215	130	235142	19.085	ug/l	92
45) 1,2-Dichloropropane	9.488	63	264916	19.111	ug/l	99
46) Dibromomethane	9.574	93	170219	18.724	ug/l	93
47) Bromodichloromethane	9.762	83	325360	18.902	ug/l	99
48) Methyl methacrylate	9.561	41	303049	17.458	ug/l	88
49) 1,4-Dioxane	9.569	88	99212	318.530	ug/l #	82
51) 4-Methyl-2-Pentanone	10.331	43	2128069	88.190	ug/l	95
52) Toluene	10.505	92	609981	19.355	ug/l	97
53) t-1,3-Dichloropropene	10.717	75	321226	17.441	ug/l	97
54) cis-1,3-Dichloropropene	10.188	75	362889	18.031	ug/l #	89
55) 1,1,2-Trichloroethane	10.899	97	236071	18.565	ug/l	95
56) Ethyl methacrylate	10.760	69	382123	17.480	ug/l #	86
57) 1,3-Dichloropropane	11.044	76	426897	19.067	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.041	63	376003	72.154	ug/l	91
59) 2-Hexanone	11.084	43	1475241	80.818	ug/l	92
60) Dibromochloromethane	11.237	129	223221	17.982	ug/l	99
61) 1,2-Dibromoethane	11.344	107	239546	18.188	ug/l	99
64) Tetrachloroethene	10.977	164	221479	19.948	ug/l	96
65) Chlorobenzene	11.768	112	623673	18.775	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.840	131	225165	19.258	ug/l	98
67) Ethyl Benzene	11.843	91	1147492	19.017	ug/l	96
68) m/p-Xylenes	11.953	106	842038	38.325	ug/l	91
69) o-Xylene	12.278	106	418852	18.926	ug/l	92
70) Styrene	12.294	104	663380	18.904	ug/l	96
71) Bromoform	12.457	173	151710	17.073	ug/l #	99
73) Isopropylbenzene	12.578	105	1087221	18.884	ug/l	98
74) N-amyl acetate	12.388	43	421196	16.542	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.825	83	363119	18.239	ug/l	99
76) 1,2,3-Trichloropropane	12.878	75	318864m	17.183	ug/l	
77) Bromobenzene	12.860	156	249782	18.470	ug/l	80
78) n-propylbenzene	12.919	91	1208889	18.869	ug/l	96
79) 2-Chlorotoluene	13.007	91	756847	18.696	ug/l	94
80) 1,3,5-Trimethylbenzene	13.058	105	891092	19.229	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.626	75	75776	16.340	ug/l #	83
82) 4-Chlorotoluene	13.104	91	707145	18.574	ug/l	93
83) tert-Butylbenzene	13.321	119	762256	18.577	ug/l	93
84) 1,2,4-Trimethylbenzene	13.366	105	852618	19.319	ug/l	99
85) sec-Butylbenzene	13.501	105	1037931	18.649	ug/l	97
86) p-Isopropyltoluene	13.616	119	802822	18.453	ug/l	96
87) 1,3-Dichlorobenzene	13.616	146	409491	18.432	ug/l	97
88) 1,4-Dichlorobenzene	13.694	146	396991	18.183	ug/l	97
89) n-Butylbenzene	13.943	91	607224	17.206	ug/l	97
90) Hexachloroethane	14.209	117	137469	17.998	ug/l	86
91) 1,2-Dichlorobenzene	13.989	146	401698	18.557	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.603	75	58584	16.284	ug/l	77
93) 1,2,4-Trichlorobenzene	15.263	180	158572	16.954	ug/l	97
94) Hexachlorobutadiene	15.370	225	104464	18.209	ug/l	98
95) Naphthalene	15.507	128	407685	15.849	ug/l	99
96) 1,2,3-Trichlorobenzene	15.700	180	154692	16.658	ug/l	98

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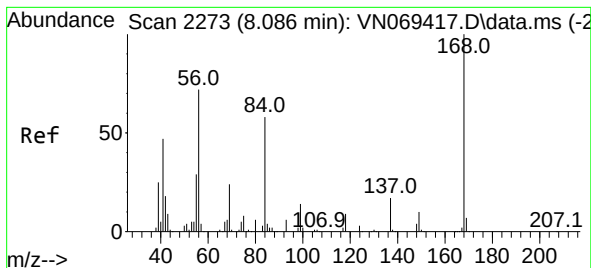
Manual Integrations
APPROVED

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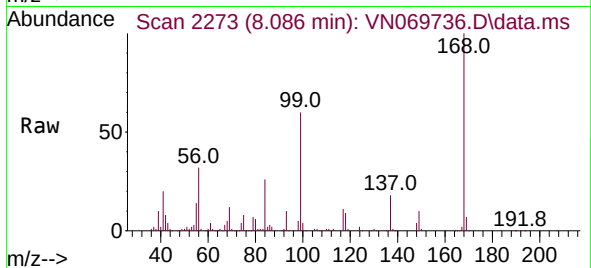
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 2273
Delta R.T. -0.000 min
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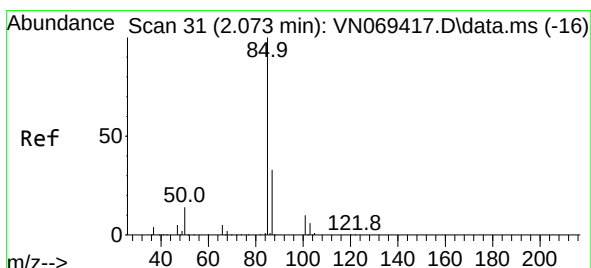
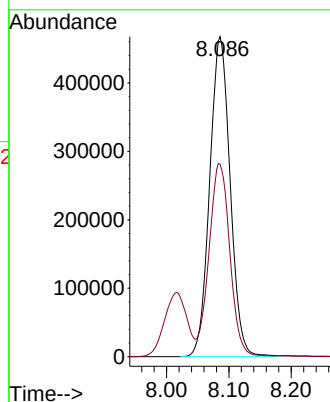
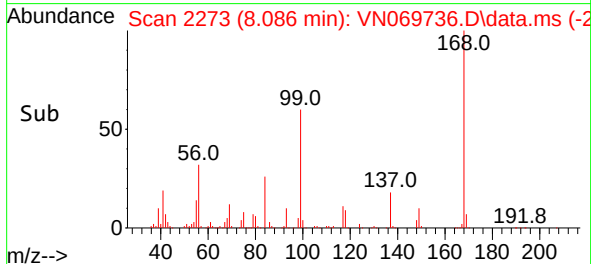
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Tgt Ion:168 Resp: 106530
Ion Ratio Lower Upper
168 100
99 59.9 41.3 61.9

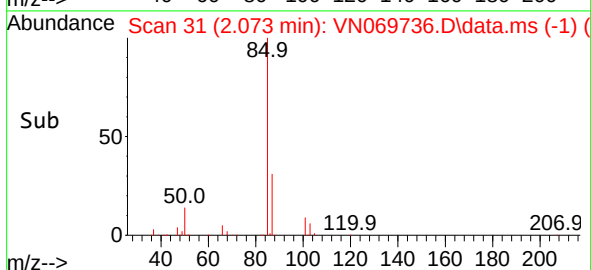
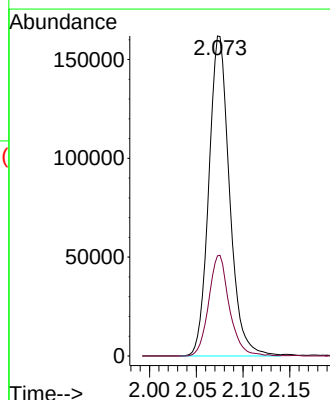
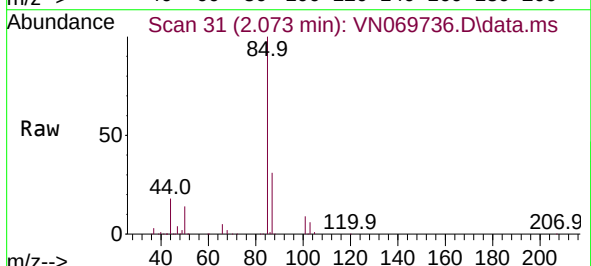
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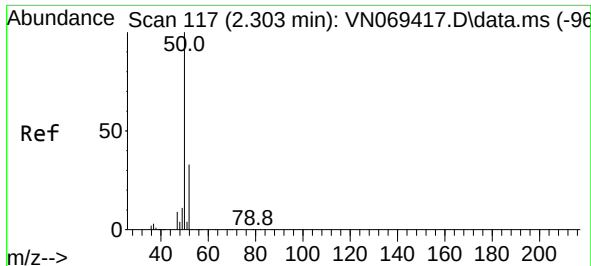
Reviewed By :John Carlone 12/04/2021
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#2
Dichlorodifluoromethane
Concen: 20.124 ug/l
RT: 2.073 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN069736.D
Acq: 3 Dec 2021 23:43

Tgt Ion: 85 Resp: 250037
Ion Ratio Lower Upper
85 100
87 31.3 16.3 48.9





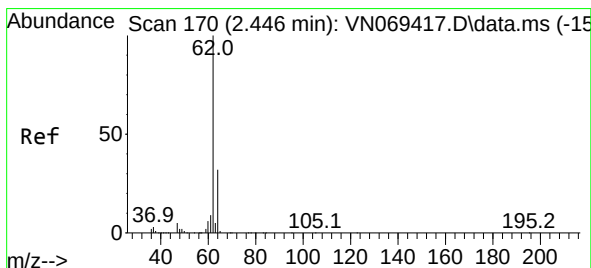
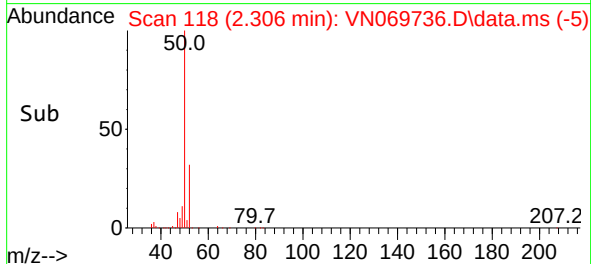
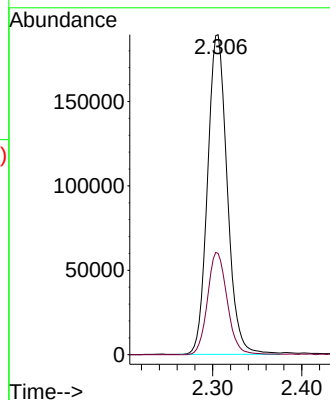
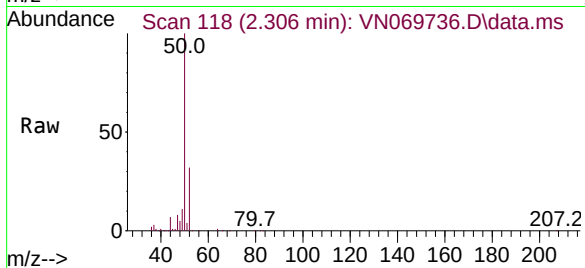
#3
Chloromethane
Concen: 18.670 ug/l
RT: 2.306 min Scan# 117
Delta R.T. 0.003 min
Lab File: VN069736.D
Acq: 3 Dec 2021 23:43

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Tgt Ion: 50 Resp: 290620
Ion Ratio Lower Upper
50 100
52 31.7 25.4 38.0

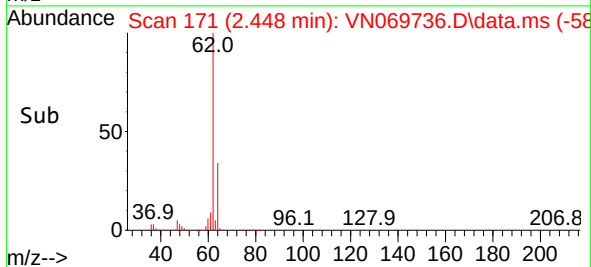
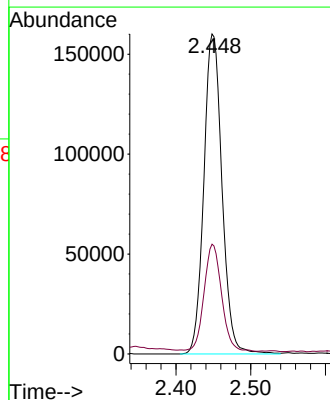
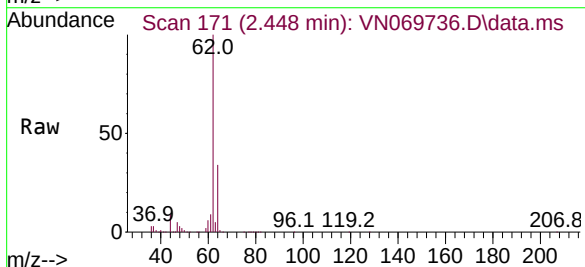
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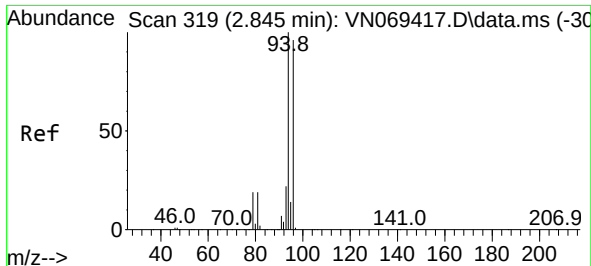
Reviewed By :John Carlone 12/04/2021
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#4
Vinyl Chloride
Concen: 18.959 ug/l
RT: 2.448 min Scan# 171
Delta R.T. 0.003 min
Lab File: VN069736.D
Acq: 3 Dec 2021 23:43

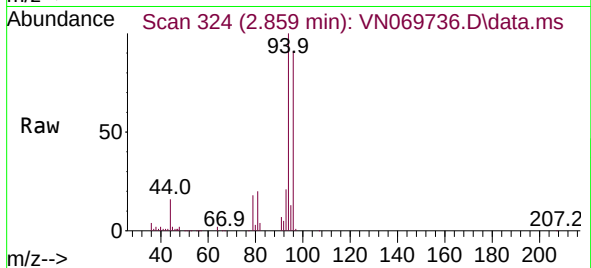
Tgt Ion: 62 Resp: 271365
Ion Ratio Lower Upper
62 100
64 33.5 25.8 38.6





#5
Bromomethane
Concen: 20.623 ug/l
RT: 2.859 min Scan# 319
Delta R.T. 0.022 min
Lab File: VN069736.D
Acq: 3 Dec 2021 23:43

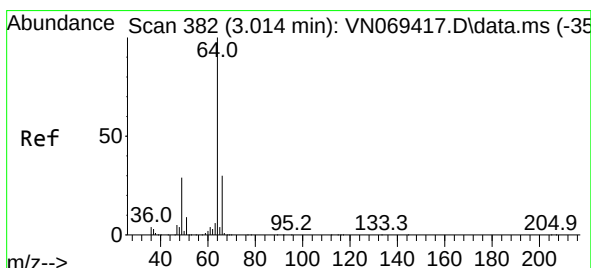
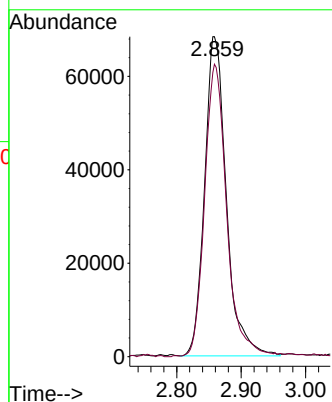
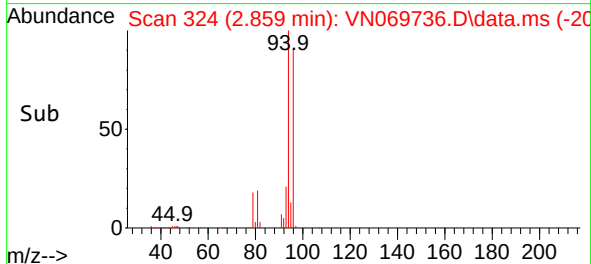
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Tgt Ion: 94 Resp: 160369
Ion Ratio Lower Upper
94 100
96 91.4 73.8 110.8

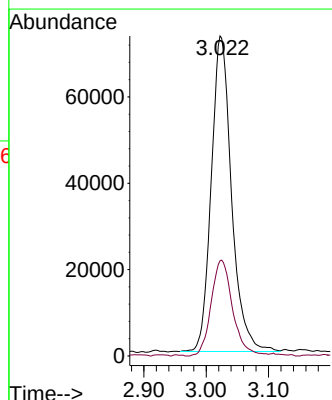
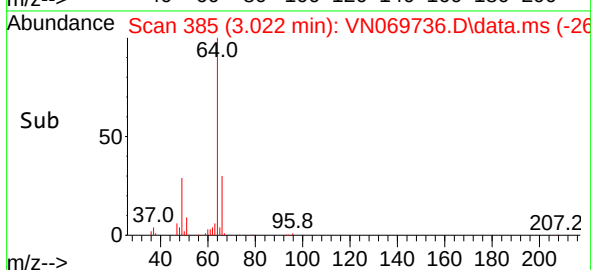
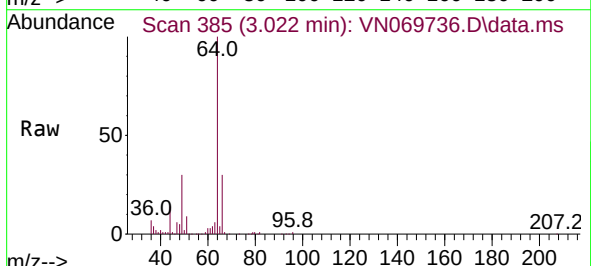
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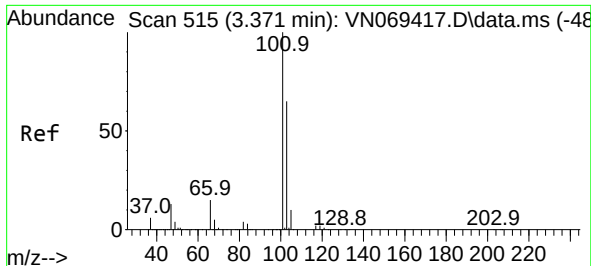
Reviewed By :John Carlone 12/04/2021
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#6
Chloroethane
Concen: 18.856 ug/l
RT: 3.022 min Scan# 385
Delta R.T. 0.014 min
Lab File: VN069736.D
Acq: 3 Dec 2021 23:43

Tgt Ion: 64 Resp: 165390
Ion Ratio Lower Upper
64 100
66 30.0 26.3 39.5





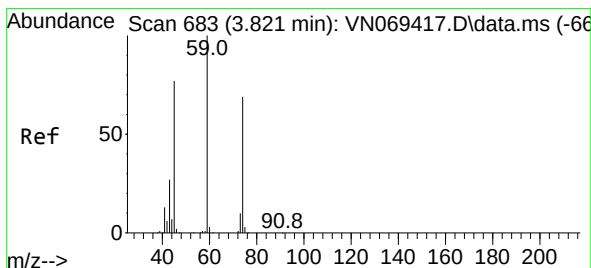
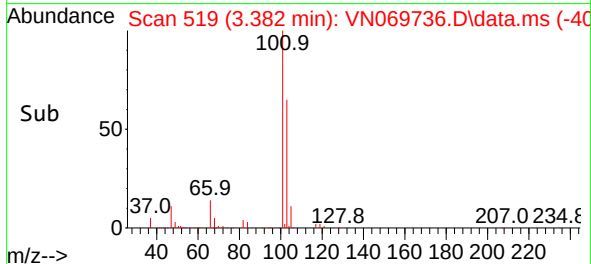
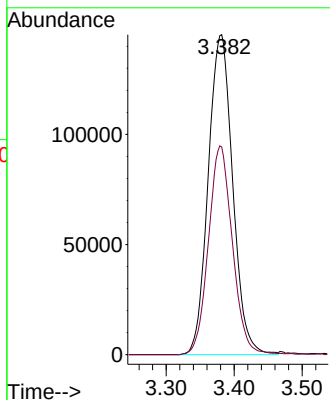
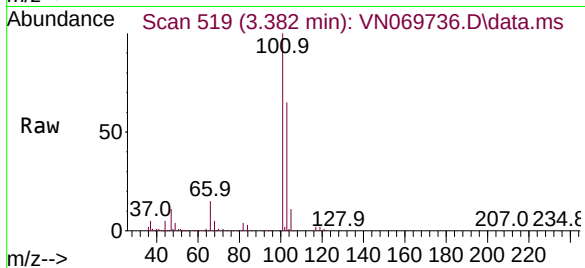
#7
Trichlorofluoromethane
Concen: 19.363 ug/l
RT: 3.382 min Scan# 515
Delta R.T. 0.014 min
Lab File: VN069736.D
Acq: 3 Dec 2021 23:43

Instrument :
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ClientSampleId :
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Tgt Ion:101 Resp: 363739
Ion Ratio Lower Upper
101 100
103 64.9 50.1 75.1

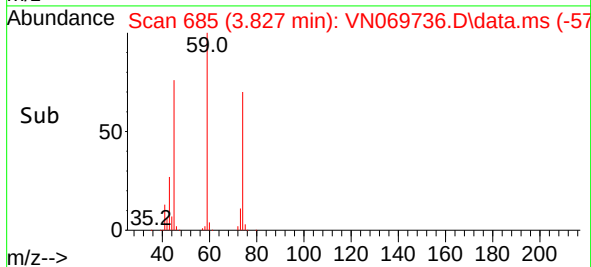
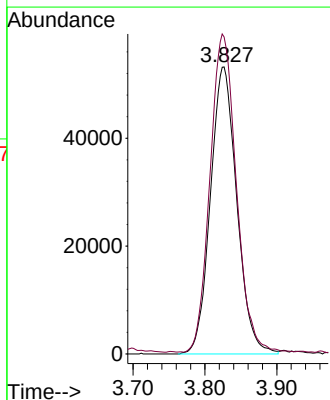
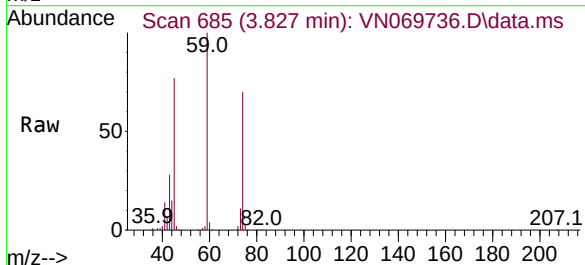
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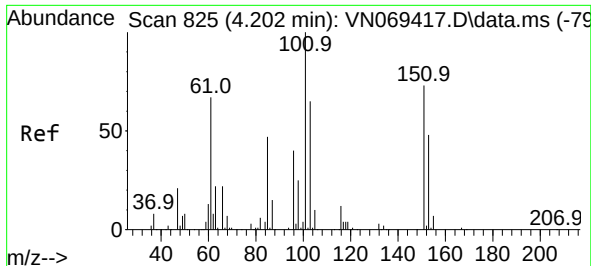
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#8
Diethyl Ether
Concen: 18.755 ug/l
RT: 3.827 min Scan# 685
Delta R.T. 0.006 min
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Tgt Ion: 74 Resp: 135698
Ion Ratio Lower Upper
74 100
45 110.2 47.0 141.2





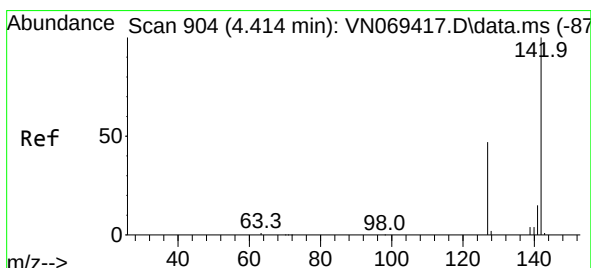
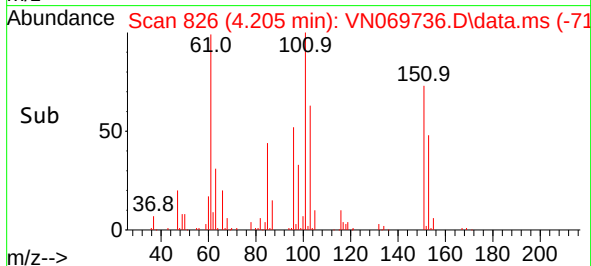
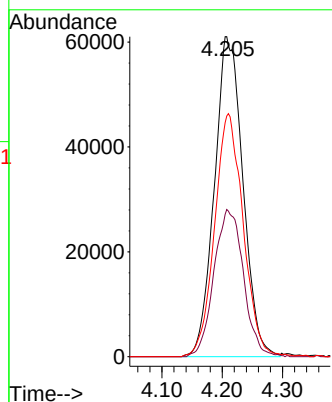
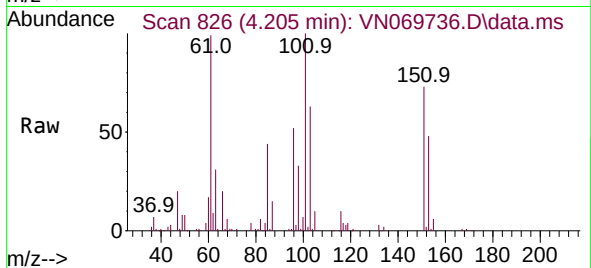
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.032 ug/l
RT: 4.205 min Scan# 81
Delta R.T. 0.003 min
Lab File: VN069736.D
Acq: 3 Dec 2021 23:43

Instrument :
MSVOA_N
ClientSampleId :
VN1203WBSD02

Tgt Ion:101 Resp: 200410
Ion Ratio Lower Upper
101 100
85 47.5 37.2 55.8
151 76.1 65.9 98.9

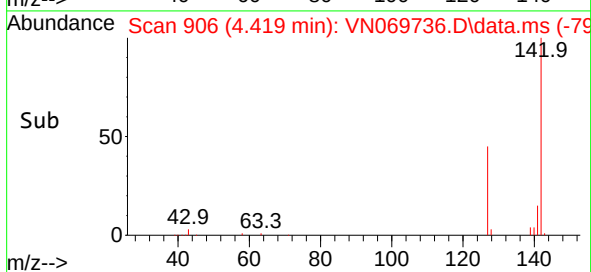
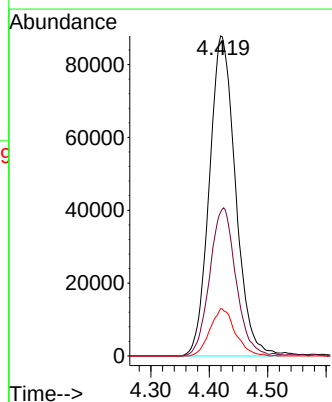
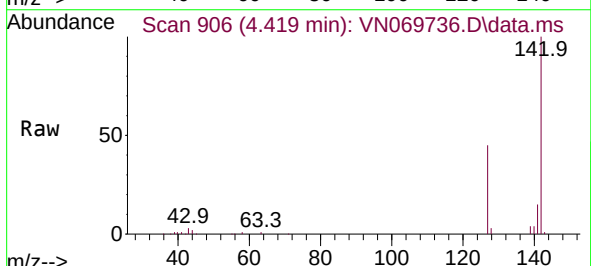
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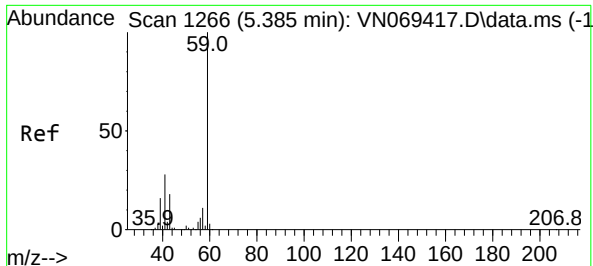
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021



#10
Methyl Iodide
Concen: 19.005 ug/l
RT: 4.419 min Scan# 906
Delta R.T. 0.006 min
Lab File: VN069736.D
Acq: 3 Dec 2021 23:43

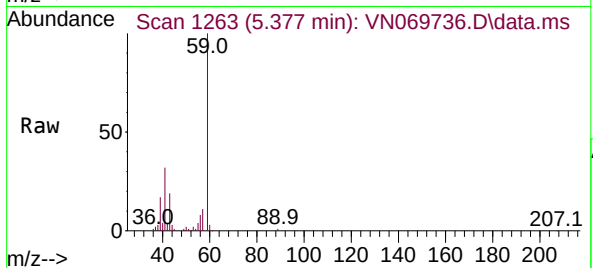
Tgt Ion:142 Resp: 273408
Ion Ratio Lower Upper
142 100
127 46.4 35.4 53.0
141 14.3 11.6 17.4





#11
Tert butyl alcohol
Concen: 76.314 ug/l
RT: 5.377 min Scan# 11
Delta R.T. -0.013 min
Lab File: VN069736.D
Acq: 3 Dec 2021 23:43

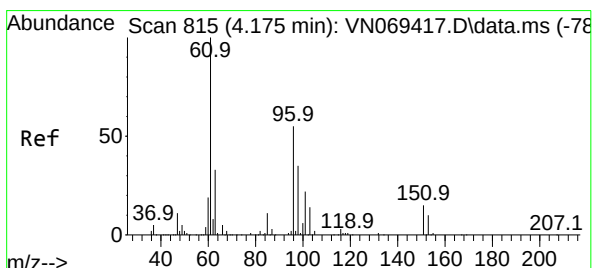
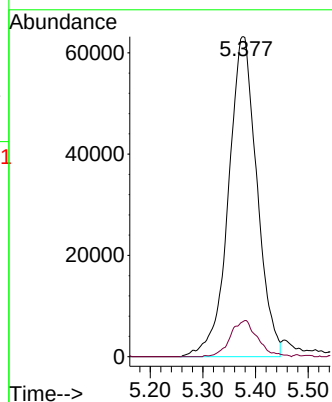
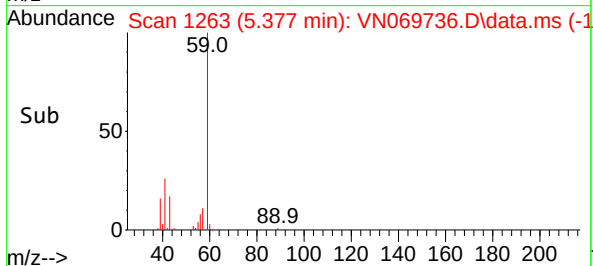
Instrument :
MSVOA_N
ClientSampleId :
VN1203WBSD02



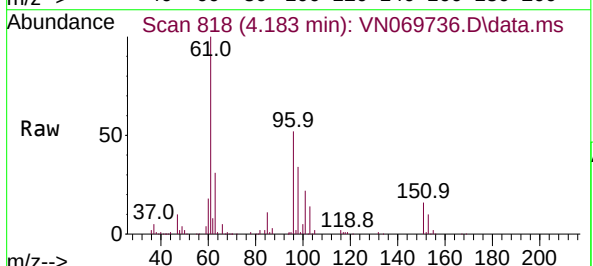
Tgt Ion: 59 Resp: 23727
Ion Ratio Lower Upper
59 100
57 10.8 8.7 13.1

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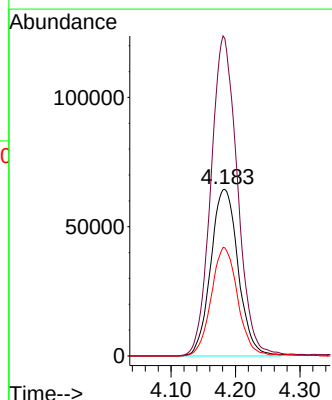
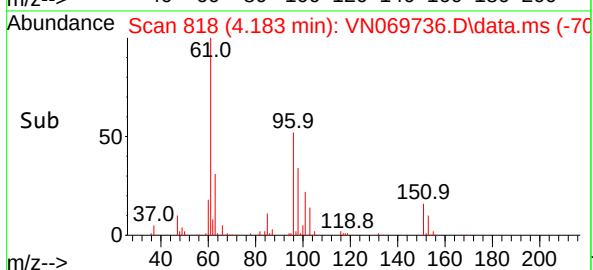
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021

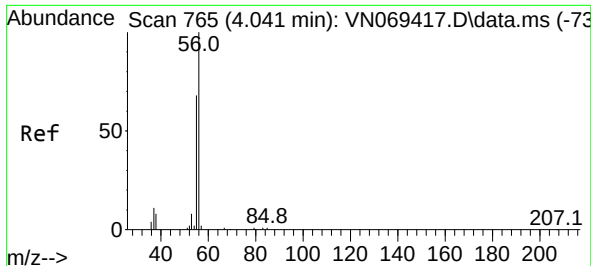


#12
1,1-Dichloroethene
Concen: 18.782 ug/l
RT: 4.183 min Scan# 818
Delta R.T. 0.008 min
Lab File: VN069736.D
Acq: 3 Dec 2021 23:43



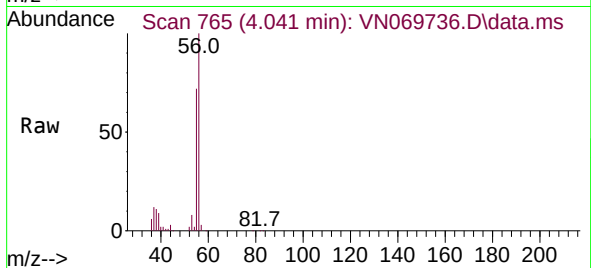
Tgt Ion: 96 Resp: 190593
Ion Ratio Lower Upper
96 100
61 190.4 131.0 196.6
98 64.9 52.4 78.6





#13
Acrolein
Concen: 73.431 ug/l
RT: 4.041 min Scan# 70
Delta R.T. 0.003 min
Lab File: VN069736.D
Acq: 3 Dec 2021 23:43

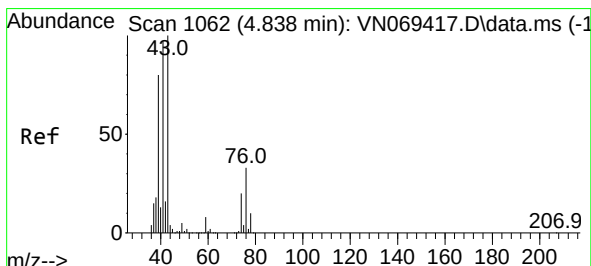
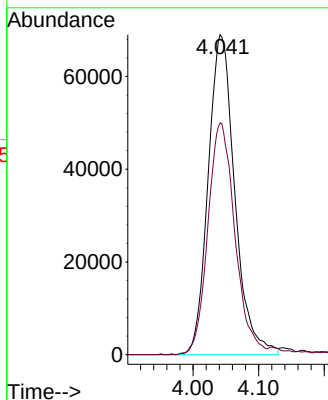
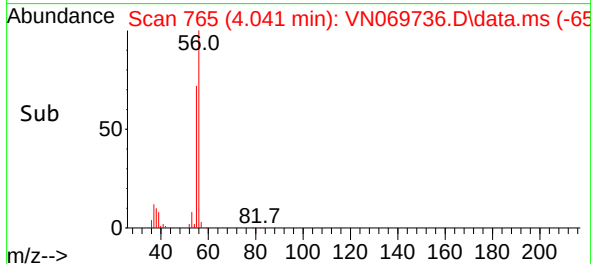
Instrument :
MSVOA_N
ClientSampleId :
VN1203WBSD02



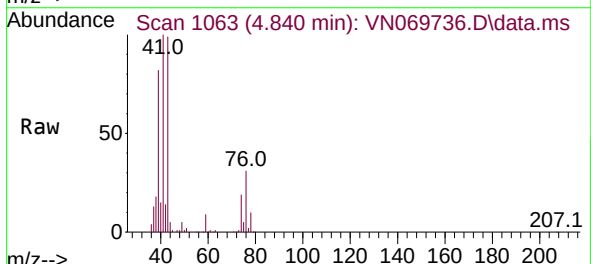
Tgt Ion: 56 Resp: 19442
Ion Ratio Lower Upper
56 100
55 73.4 56.6 85.0

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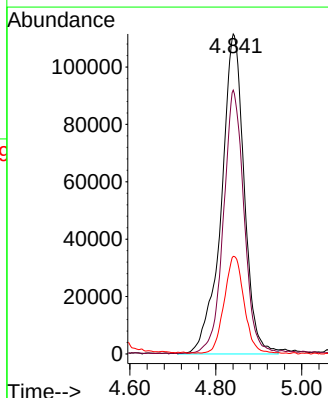
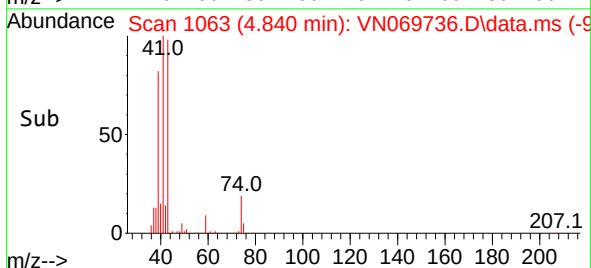
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021

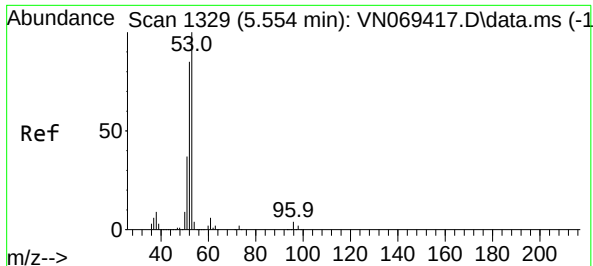


#14
Allyl chloride
Concen: 18.045 ug/l
RT: 4.840 min Scan# 1063
Delta R.T. 0.003 min
Lab File: VN069736.D
Acq: 3 Dec 2021 23:43



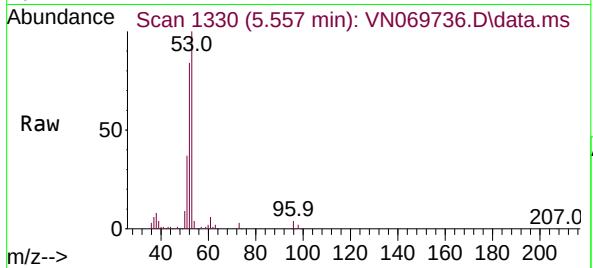
Tgt Ion: 41 Resp: 412617
Ion Ratio Lower Upper
41 100
39 73.6 61.2 91.8
76 26.2 26.0 39.0





#15
Acrylonitrile
Concen: 83.403 ug/l
RT: 5.557 min Scan# 1330
Delta R.T. 0.000 min
Lab File: VN069736.D
Acq: 3 Dec 2021 23:43

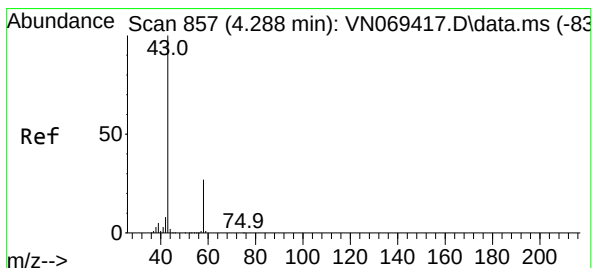
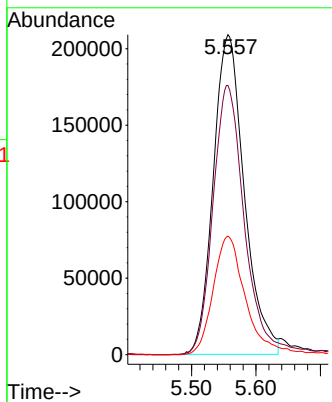
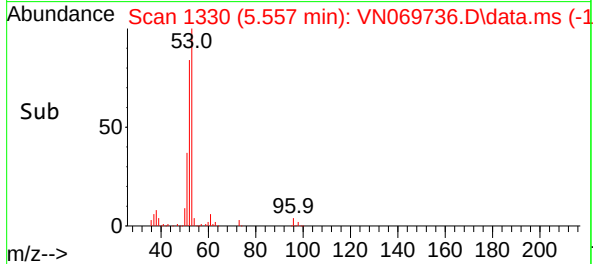
Instrument :
MSVOA_N
ClientSampleId :
VN1203WBSD02



Tgt Ion: 53 Resp: 698750
Ion Ratio Lower Upper
53 100
52 86.0 66.2 99.2
51 38.4 29.6 44.4

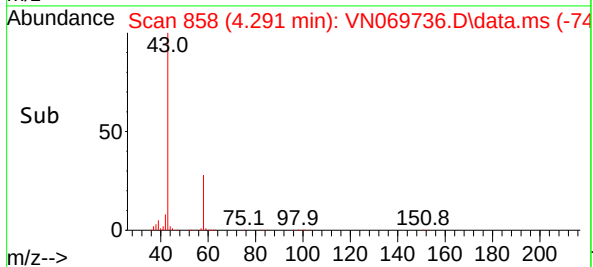
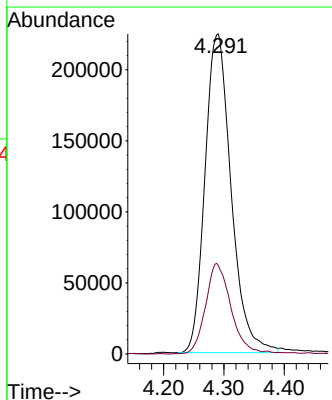
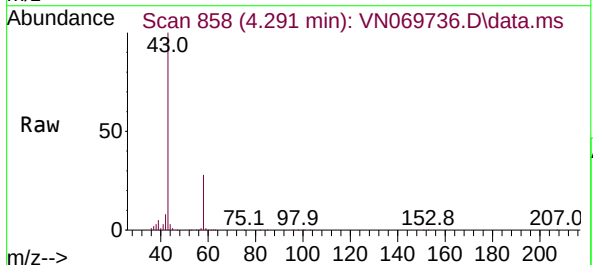
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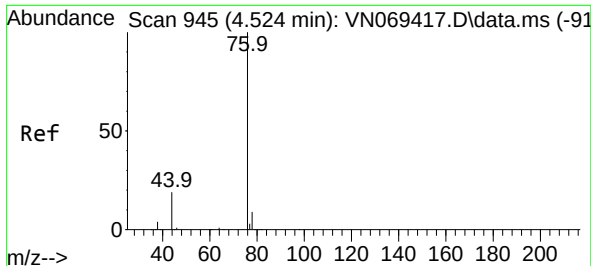
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021



#16
Acetone
Concen: 68.467 ug/l
RT: 4.291 min Scan# 858
Delta R.T. 0.000 min
Lab File: VN069736.D
Acq: 3 Dec 2021 23:43

Tgt Ion: 43 Resp: 677439
Ion Ratio Lower Upper
43 100
58 27.6 23.1 34.7





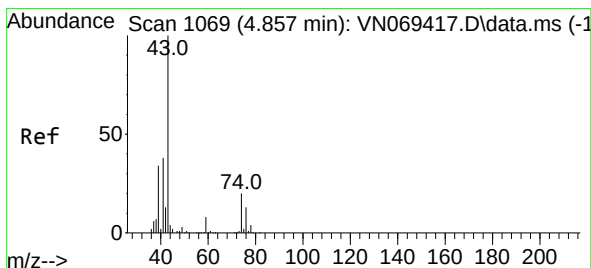
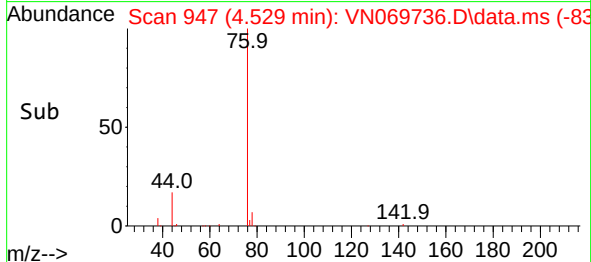
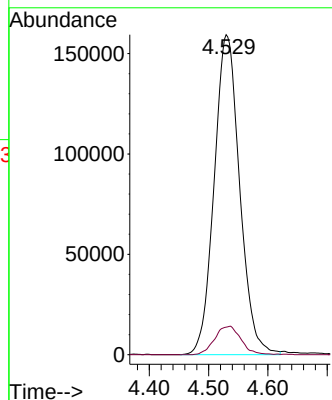
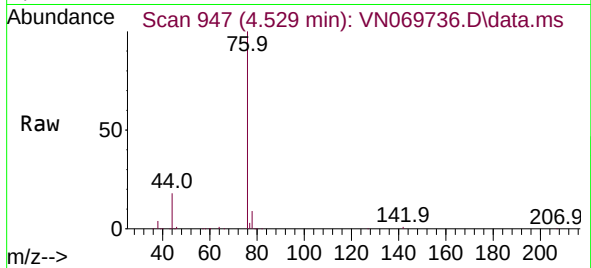
#17
Carbon Disulfide
Concen: 18.161 ug/l
RT: 4.529 min Scan# 945
Delta R.T. 0.006 min
Lab File: VN069736.D
Acq: 3 Dec 2021 23:43

Instrument :
MSVOA_N
ClientSampleId :
VN1203WBSD02

Tgt Ion: 76 Resp: 47611
Ion Ratio Lower Upper
76 100
78 8.6 7.5 11.3

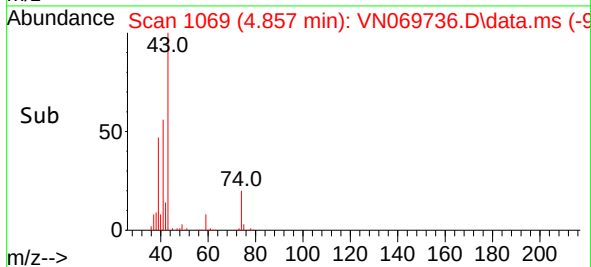
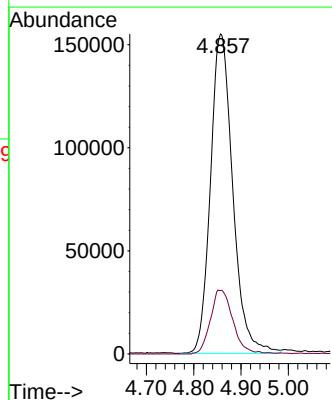
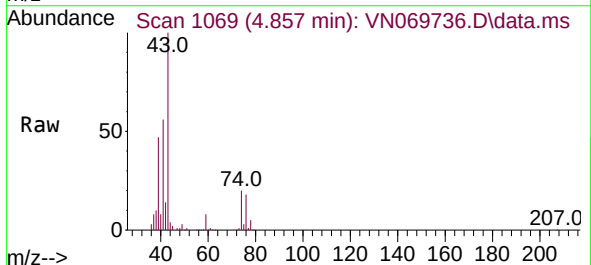
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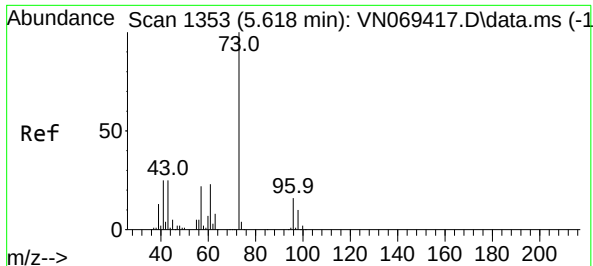
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021



#18
Methyl Acetate
Concen: 17.004 ug/l
RT: 4.857 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VN069736.D
Acq: 3 Dec 2021 23:43

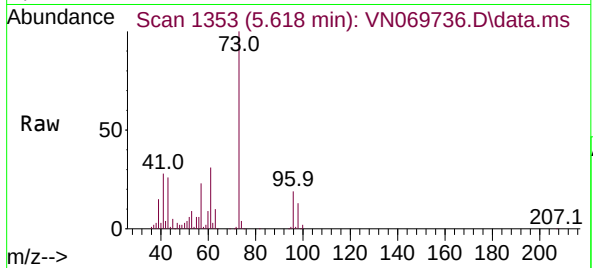
Tgt Ion: 43 Resp: 507846
Ion Ratio Lower Upper
43 100
74 19.8 19.4 29.2





#19
Methyl tert-butyl Ether
Concen: 18.753 ug/l
RT: 5.618 min Scan# 1157
Delta R.T. 0.000 min
Lab File: VN069736.D
Acq: 3 Dec 2021 23:43

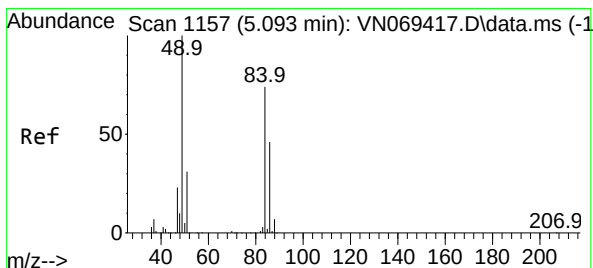
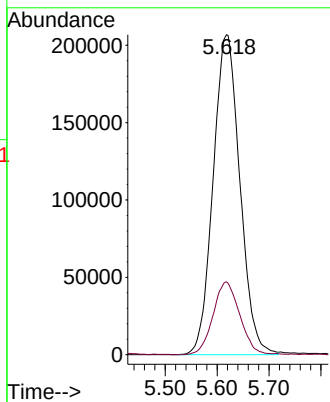
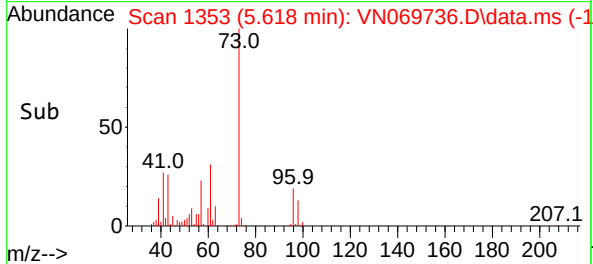
Instrument :
MSVOA_N
ClientSampleId :
VN1203WBSD02



Tgt Ion: 73 Resp: 739908
Ion Ratio Lower Upper
73 100
57 22.8 16.8 25.2

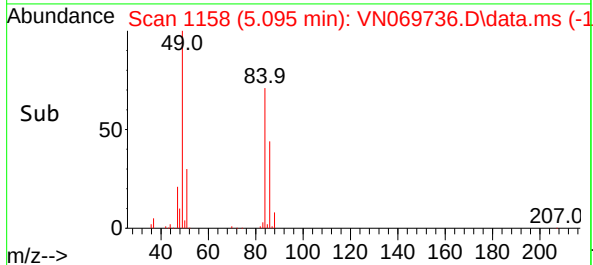
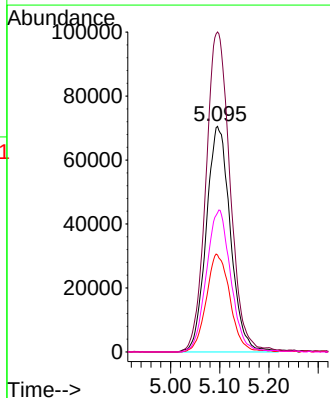
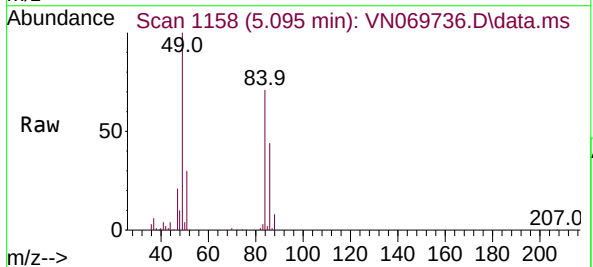
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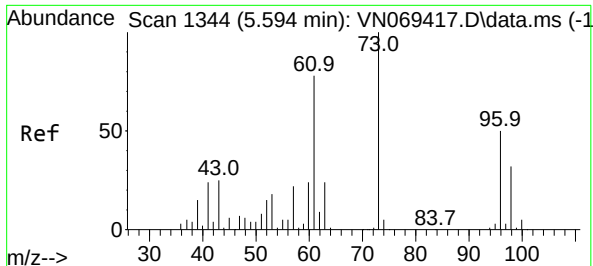
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021



#20
Methylene Chloride
Concen: 18.310 ug/l
RT: 5.095 min Scan# 1158
Delta R.T. 0.003 min
Lab File: VN069736.D
Acq: 3 Dec 2021 23:43

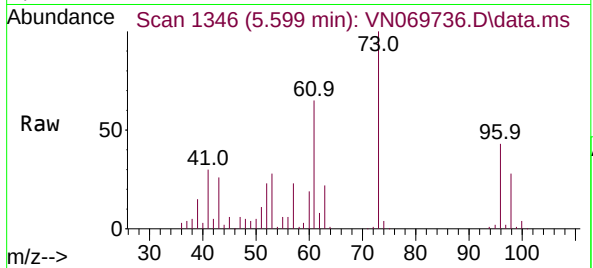
Tgt Ion: 84 Resp: 240843
Ion Ratio Lower Upper
84 100
49 141.8 93.5 140.3#
51 42.9 29.4 44.2
86 61.7 53.0 79.4





#21
trans-1,2-Dichloroethene
Concen: 18.335 ug/l
RT: 5.599 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN069736.D
Acq: 3 Dec 2021 23:43

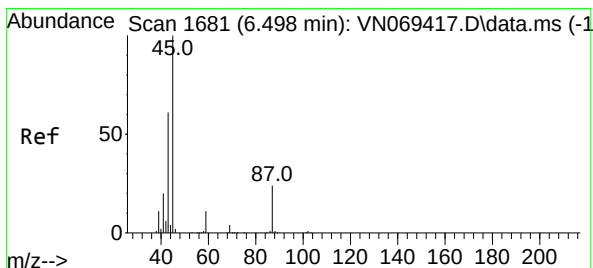
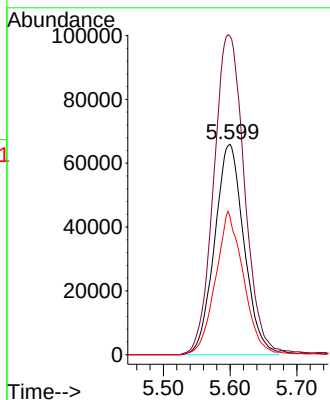
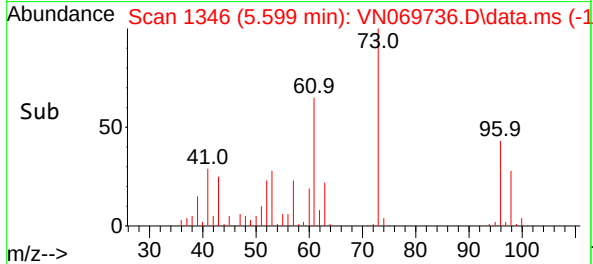
Instrument :
MSVOA_N
ClientSampleId :
VN1203WBSD02



Tgt Ion: 96 Resp: 202088
Ion Ratio Lower Upper
96 100
61 151.5 105.8 158.6
98 65.8 52.0 78.0

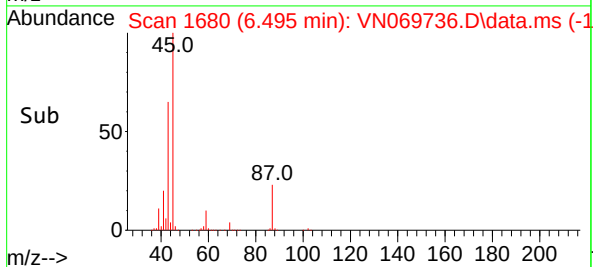
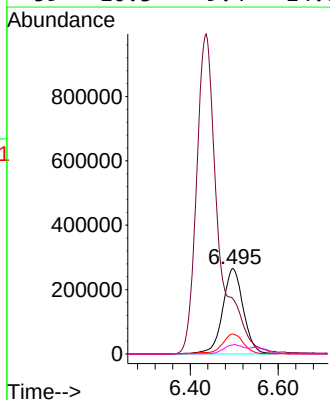
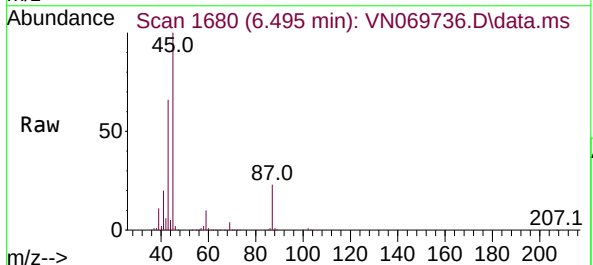
Manual Integrations
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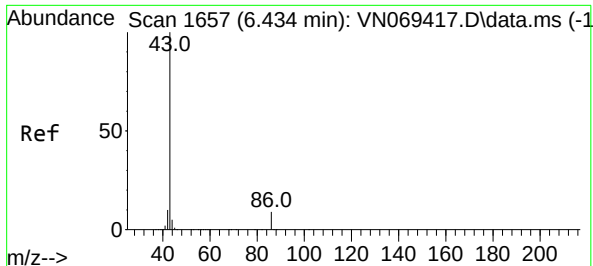
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021



#22
Diisopropyl ether
Concen: 19.388 ug/l
RT: 6.495 min Scan# 1680
Delta R.T. -0.003 min
Lab File: VN069736.D
Acq: 3 Dec 2021 23:43

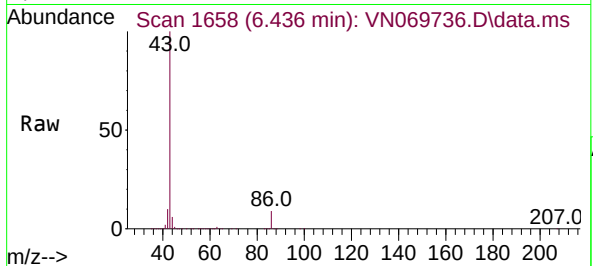
Tgt Ion: 45 Resp: 866496
Ion Ratio Lower Upper
45 100
43 64.5 51.7 77.5
87 23.2 23.2 34.8
59 10.3 9.4 14.0





#23
 Vinyl Acetate
 Concen: 93.644 ug/l
 RT: 6.436 min Scan# 1657
 Delta R.T. 0.000 min
 Lab File: VN069736.D
 Acq: 3 Dec 2021 23:43

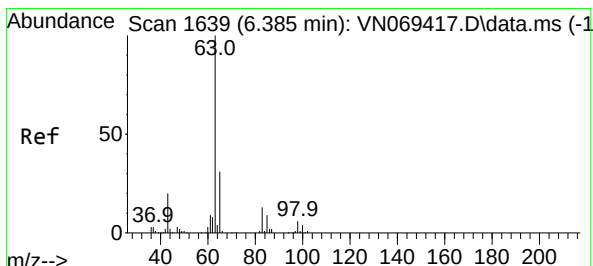
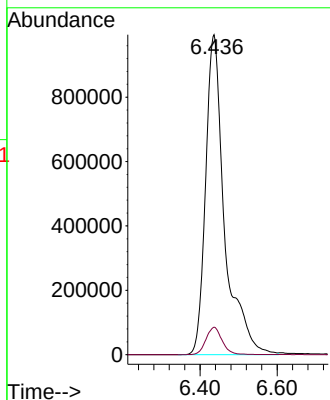
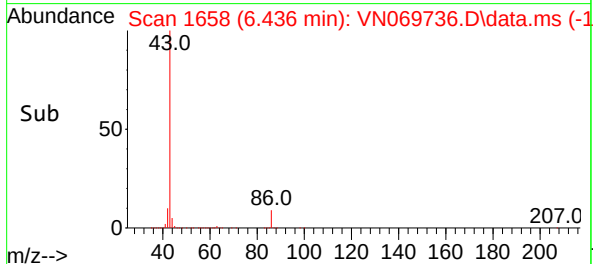
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1203WBSD02



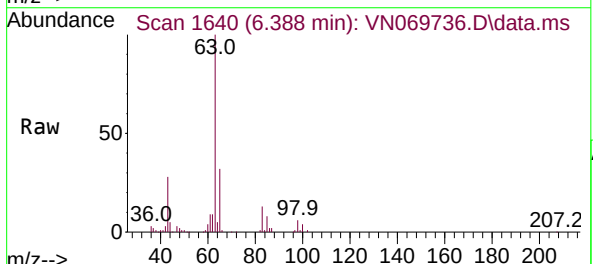
Tgt Ion: 43 Resp: 340490
 Ion Ratio Lower Upper
 43 100
 86 8.6 8.5 12.7

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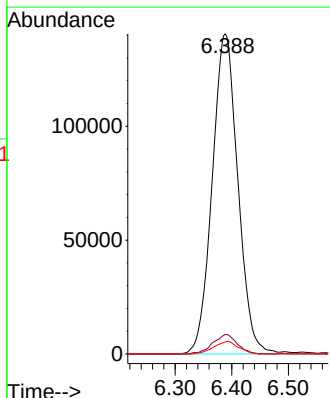
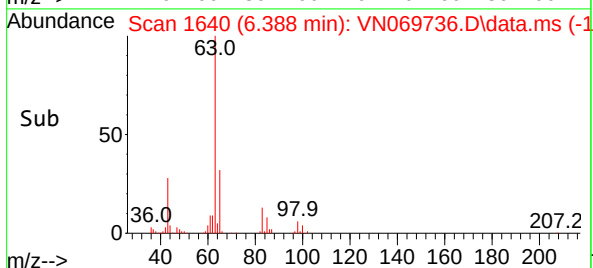
Reviewed By :John Carlone 12/04/2021
 Supervised By :Mahesh Dadoda 12/06/2021

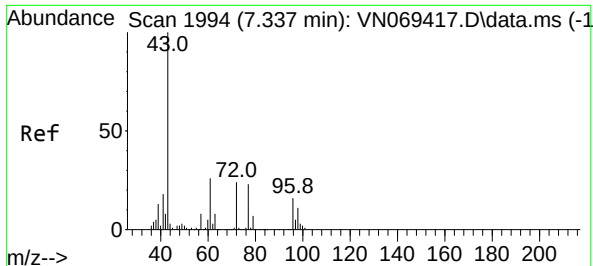


#24
 1,1-Dichloroethane
 Concen: 19.129 ug/l
 RT: 6.388 min Scan# 1640
 Delta R.T. 0.000 min
 Lab File: VN069736.D
 Acq: 3 Dec 2021 23:43



Tgt Ion: 63 Resp: 442857
 Ion Ratio Lower Upper
 63 100
 98 6.0 3.3 9.9
 100 3.7 2.1 6.5





#25

2-Butanone

Concen: 77.883 ug/l

RT: 7.337 min Scan# 1994

Delta R.T. 0.000 min

Lab File: VN069736.D

Acq: 3 Dec 2021 23:43

Instrument :

MSVOA_N

ClientSampleId :

VN1203WBSD02

Tgt Ion: 43 Resp: 1047028

Ion Ratio Lower Upper

43 100

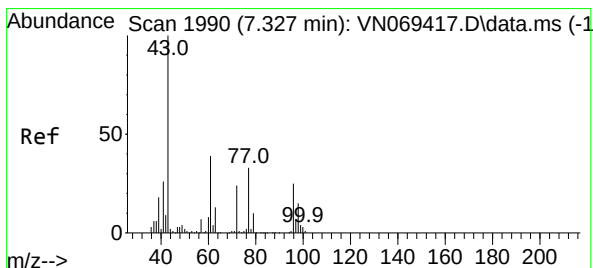
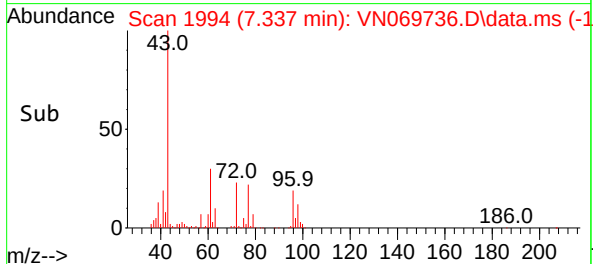
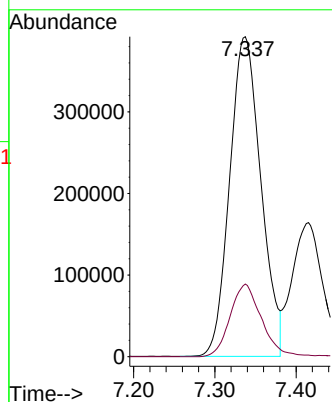
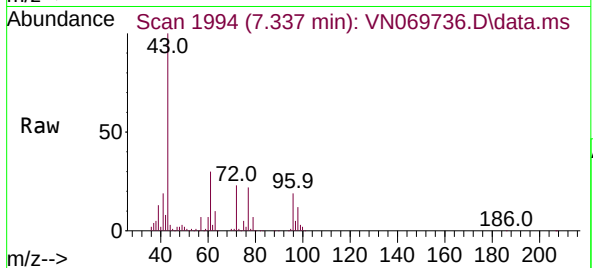
72 22.7 21.7 32.5

Manual Integrations

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Reviewed By :John Carlone 12/04/2021

Supervised By :Mahesh Dadoda 12/06/2021



#26

2,2-Dichloropropane

Concen: 16.742 ug/l

RT: 7.327 min Scan# 1990

Delta R.T. 0.000 min

Lab File: VN069736.D

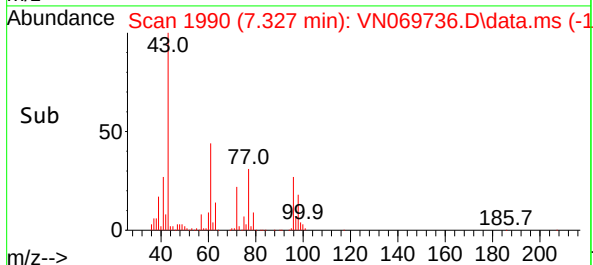
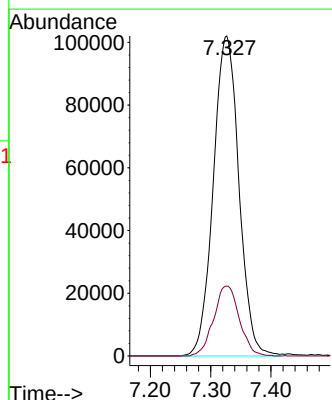
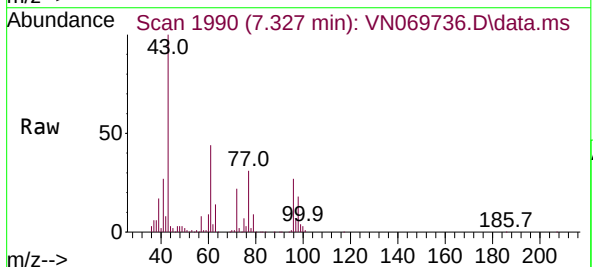
Acq: 3 Dec 2021 23:43

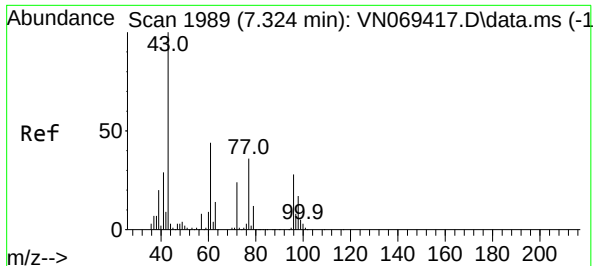
Tgt Ion: 77 Resp: 301364

Ion Ratio Lower Upper

77 100

97 21.9 11.6 34.8





#27

cis-1,2-Dichloroethene

Concen: 18.679 ug/l

RT: 7.327 min Scan# 1989

Delta R.T. 0.000 min

Lab File: VN069736.D

Acq: 3 Dec 2021 23:43

Instrument :

MSVOA_N

ClientSampleId :

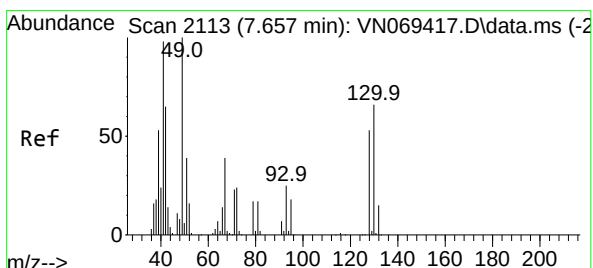
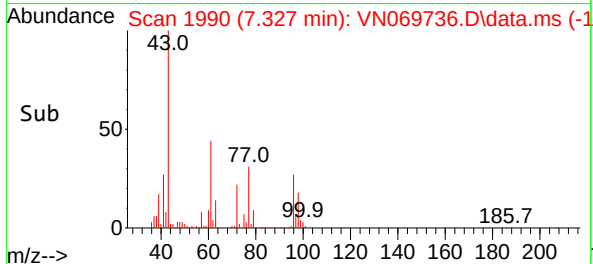
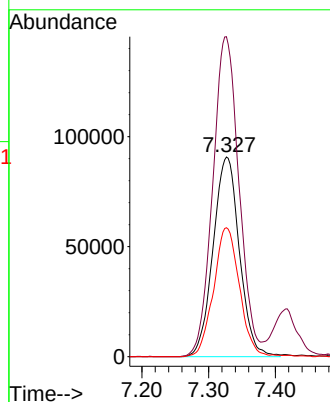
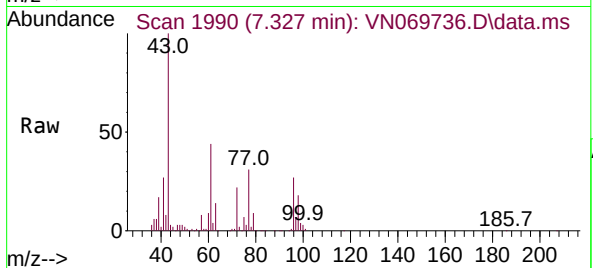
VN1203WBSD02

Tgt Ion: 96 Resp: 248738
 Ion Ratio Lower Upper
 96 100
 61 159.9 0.0 275.0
 98 63.3 0.0 129.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/04/2021
 Supervised By :Mahesh Dadoda 12/06/2021



#28

Bromochloromethane

Concen: 19.377 ug/l

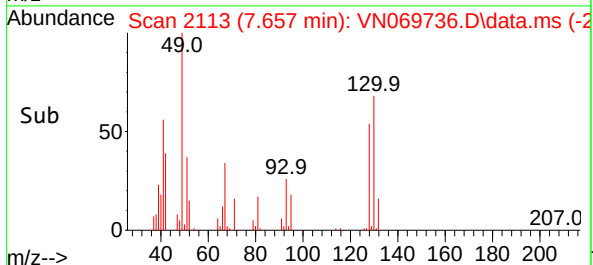
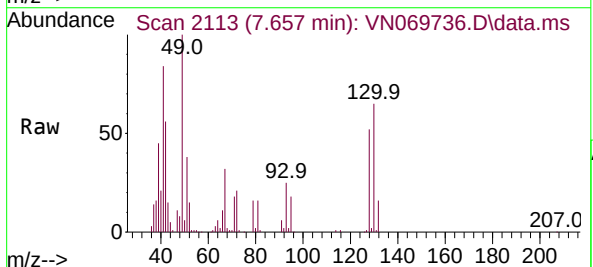
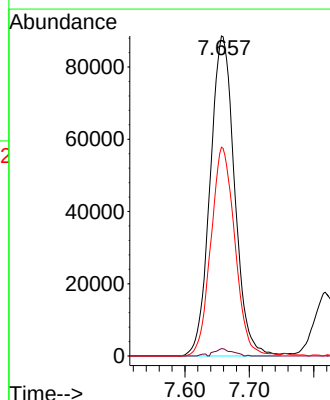
RT: 7.657 min Scan# 2113

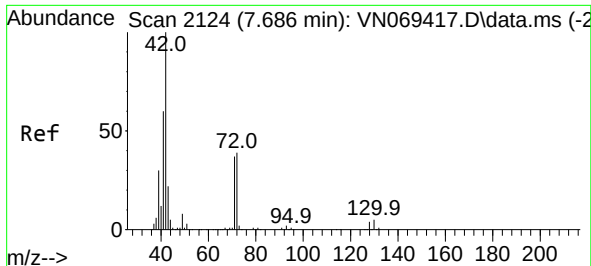
Delta R.T. 0.000 min

Lab File: VN069736.D

Acq: 3 Dec 2021 23:43

Tgt Ion: 49 Resp: 233277
 Ion Ratio Lower Upper
 49 100
 129 1.6 0.0 4.0
 130 64.1 67.8 101.8#





#29

Tetrahydrofuran

Concen: 85.861 ug/l

RT: 7.686 min Scan# 2124

Delta R.T. 0.000 min

Lab File: VN069736.D

Acq: 3 Dec 2021 23:43

Instrument :

MSVOA_N

ClientSampleId :

VN1203WBSD02

Tgt Ion: 42 Resp: 700909

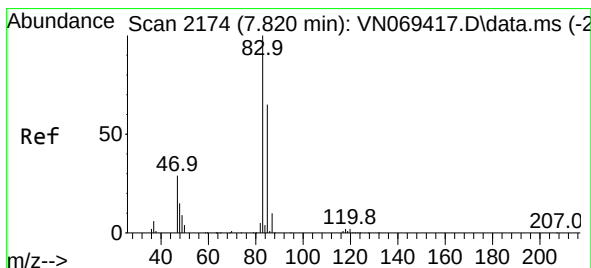
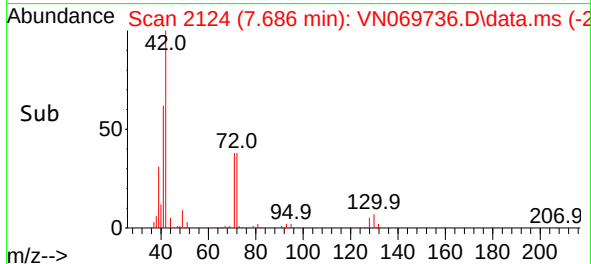
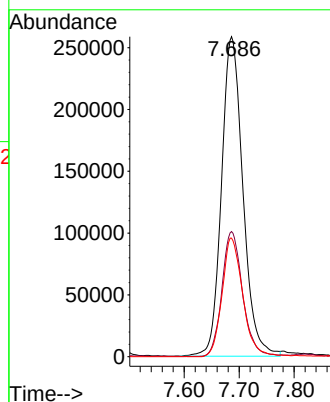
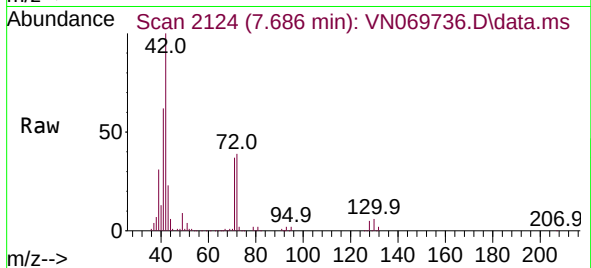
Ion	Ratio	Lower	Upper
42	100		
72	37.5	36.3	54.5
71	35.7	34.7	52.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/04/2021

Supervised By :Mahesh Dadoda 12/06/2021



#30

Chloroform

Concen: 19.014 ug/l

RT: 7.817 min Scan# 2173

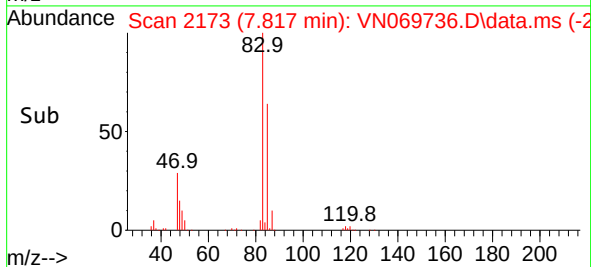
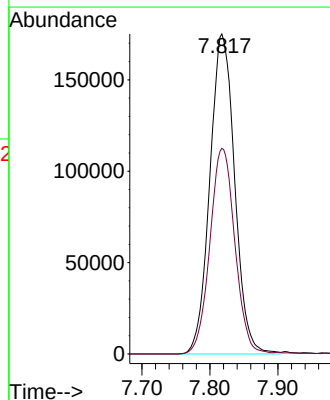
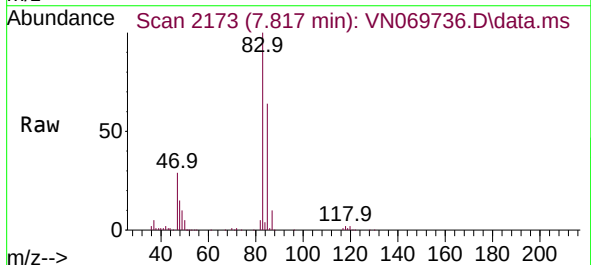
Delta R.T. -0.003 min

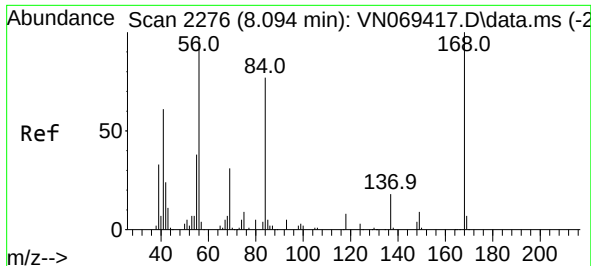
Lab File: VN069736.D

Acq: 3 Dec 2021 23:43

Tgt Ion: 83 Resp: 444574

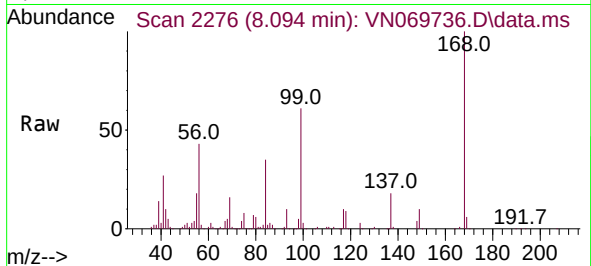
Ion	Ratio	Lower	Upper
83	100		
85	64.1	51.9	77.9





#31
Cyclohexane
Concen: 19.193 ug/l
RT: 8.094 min Scan# 2276
Delta R.T. 0.000 min
Lab File: VN069736.D
Acq: 3 Dec 2021 23:43

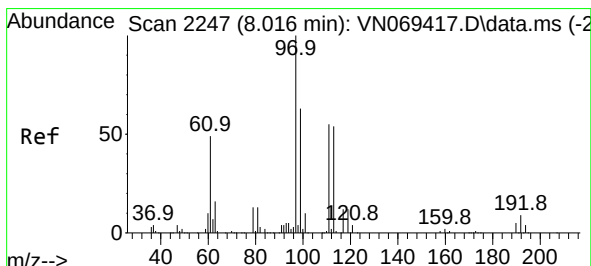
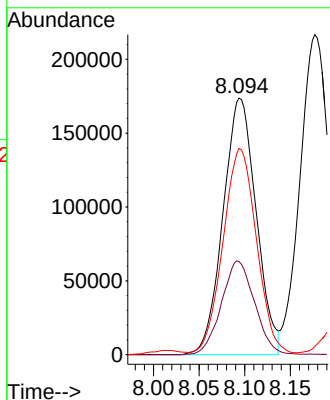
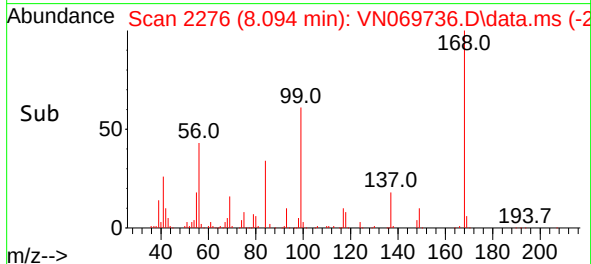
Instrument :
MSVOA_N
ClientSampleId :
VN1203WBSD02



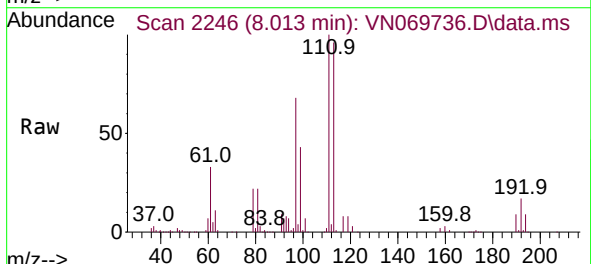
Tgt Ion: 56 Resp: 439338
Ion Ratio Lower Upper
56 100
69 36.0 27.1 40.7
84 79.1 73.4 110.0

Manual Integrations
APPROVED

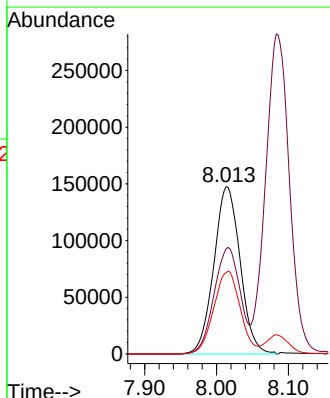
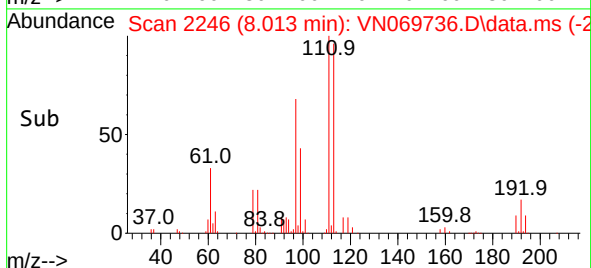
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021

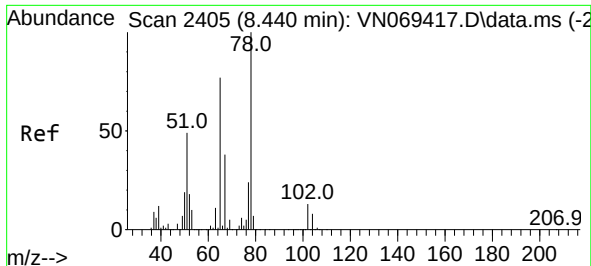


#32
1,1,1-Trichloroethane
Concen: 18.847 ug/l
RT: 8.013 min Scan# 2246
Delta R.T. -0.003 min
Lab File: VN069736.D
Acq: 3 Dec 2021 23:43



Tgt Ion: 97 Resp: 375358
Ion Ratio Lower Upper
97 100
99 62.7 50.1 75.1
61 49.7 35.2 52.8





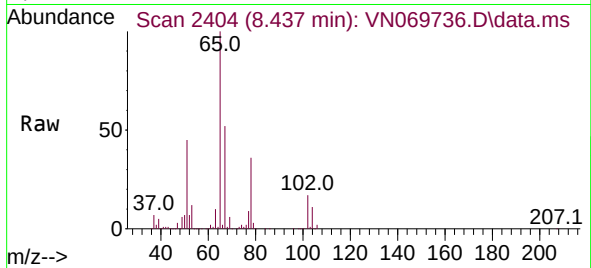
#33
1,2-Dichloroethane-d4
Concen: 53.076 ug/l
RT: 8.437 min Scan# 2405
Delta R.T. 0.000 min
Lab File: VN069736.D
Acq: 3 Dec 2021 23:43

Instrument :

MSVOA_N

ClientSampleId :

VN1203WBSD02

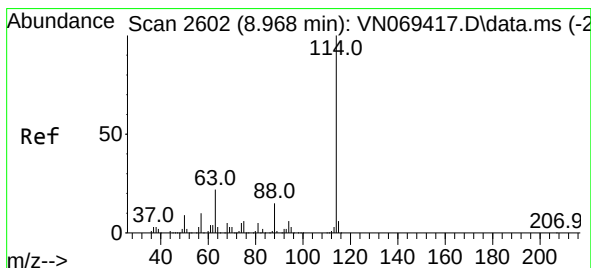
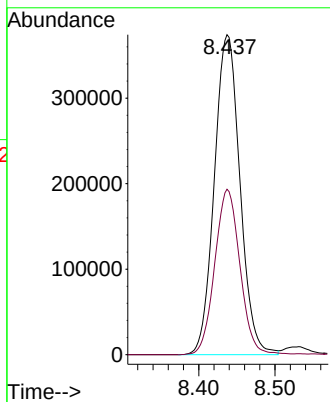
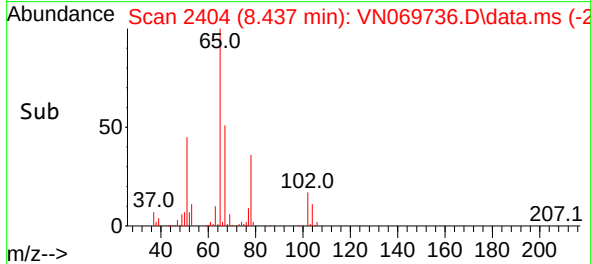


Tgt Ion: 65 Resp: 87301
Ion Ratio Lower Upper
65 100
67 50.8 0.0 103.0

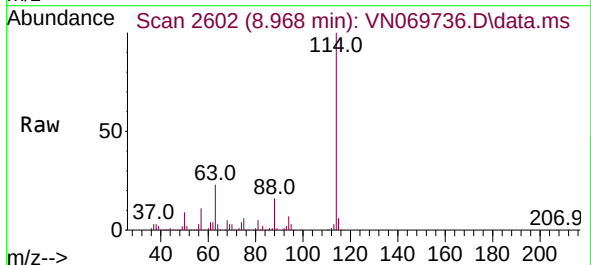
Manual Integrations

APPROVED

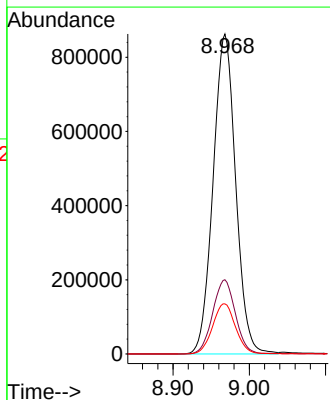
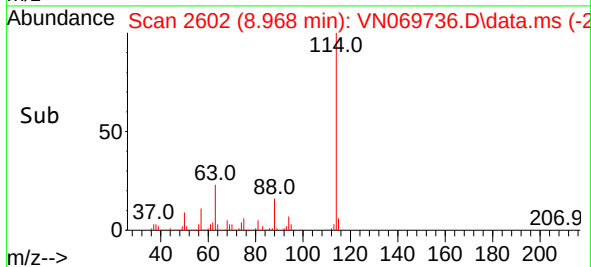
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021

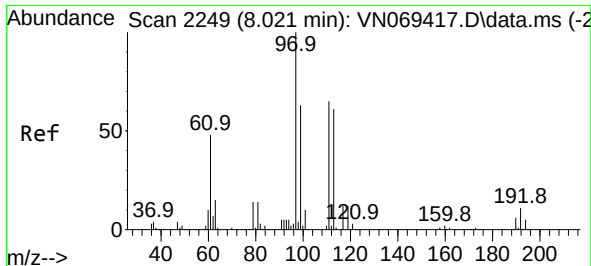


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.968 min Scan# 2602
Delta R.T. 0.000 min
Lab File: VN069736.D
Acq: 3 Dec 2021 23:43



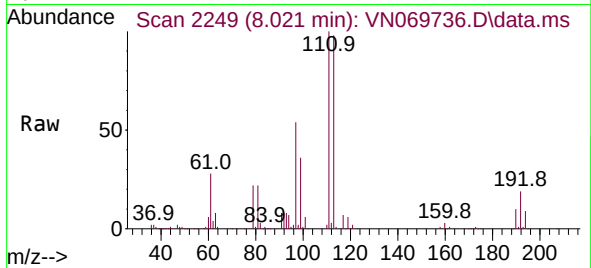
Tgt Ion:114 Resp: 1774001
Ion Ratio Lower Upper
114 100
63 23.2 0.0 37.8
88 15.7 0.0 27.4





#35
Dibromofluoromethane
Concen: 53.261 ug/l
RT: 8.021 min Scan# 2113
Delta R.T. -0.003 min
Lab File: VN069736.D
Acq: 3 Dec 2021 23:43

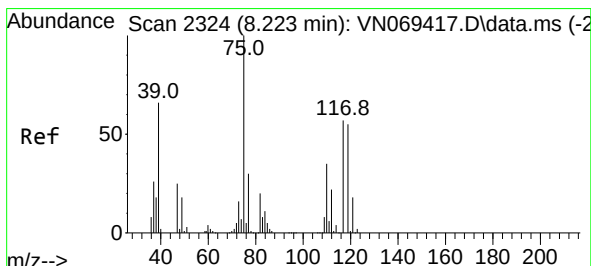
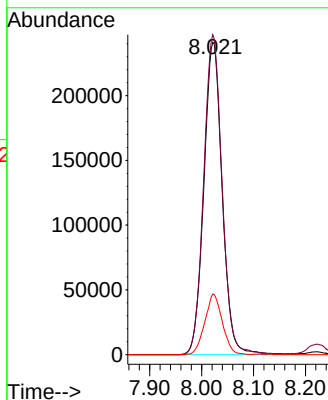
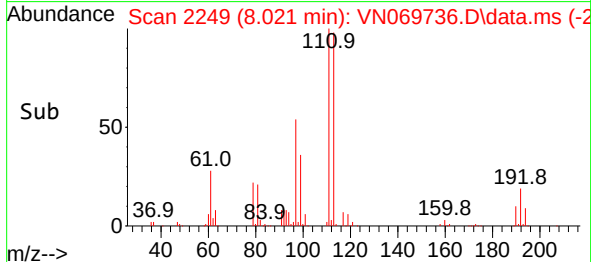
Instrument :
MSVOA_N
ClientSampleId :
VN1203WBSD02



Tgt Ion:113 Resp: 591829
Ion Ratio Lower Upper
113 100
111 103.0 82.2 123.2
192 18.6 16.9 25.3

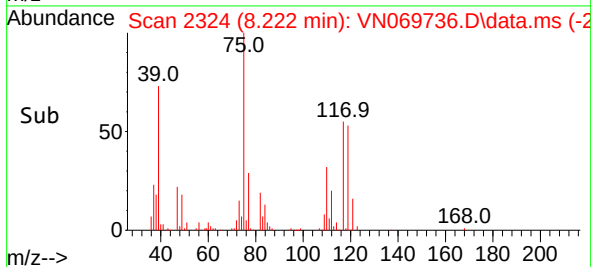
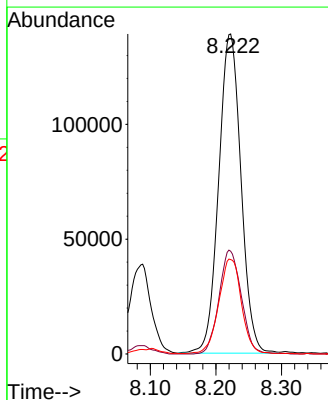
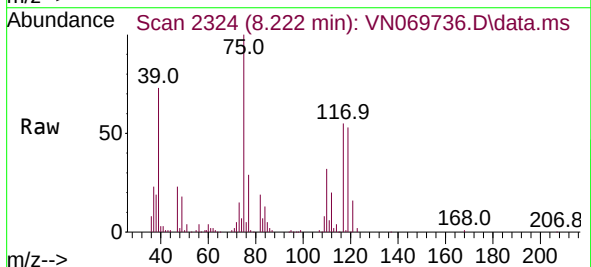
Manual Integrations
APPROVED

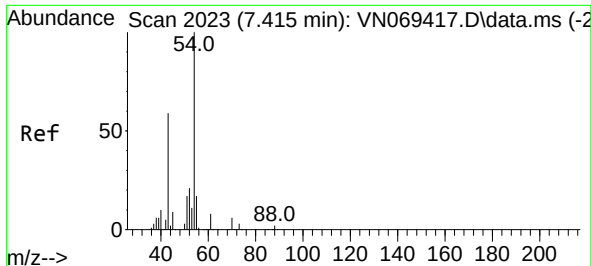
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021



#36
1,1-Dichloropropene
Concen: 19.430 ug/l
RT: 8.222 min Scan# 2324
Delta R.T. 0.000 min
Lab File: VN069736.D
Acq: 3 Dec 2021 23:43

Tgt Ion: 75 Resp: 328138
Ion Ratio Lower Upper
75 100
110 32.6 18.4 55.2
77 29.9 24.4 36.6





#37

Ethyl Acetate

Concen: 17.573 ug/l

RT: 7.415 min Scan# 2023

Delta R.T. 0.000 min

Lab File: VN069736.D

Acq: 3 Dec 2021 23:43

Instrument :

MSVOA_N

ClientSampleId :

VN1203WBSD02

Tgt Ion: 43 Resp: 441710

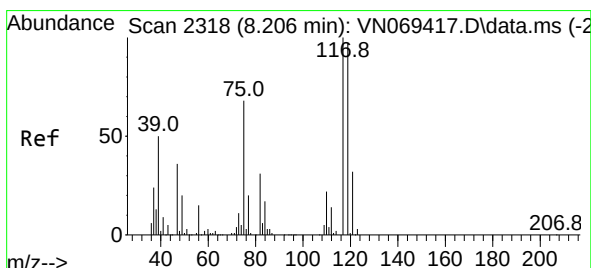
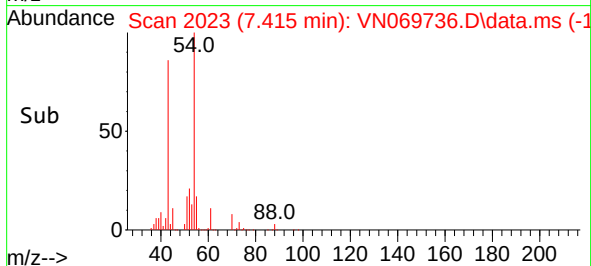
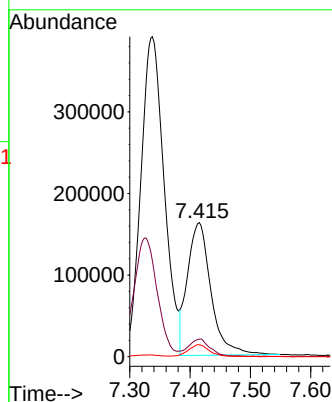
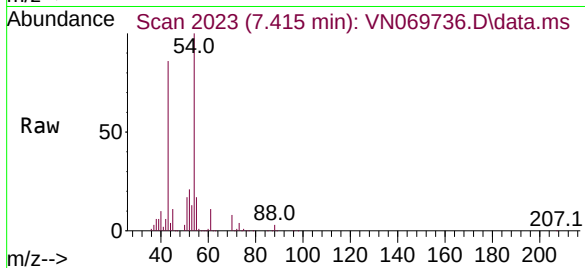
Ion	Ratio	Lower	Upper
43	100		
61	11.1	11.5	17.3
70	7.7	7.9	11.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/04/2021

Supervised By :Mahesh Dadoda 12/06/2021



#38

Carbon Tetrachloride

Concen: 18.876 ug/l

RT: 8.206 min Scan# 2318

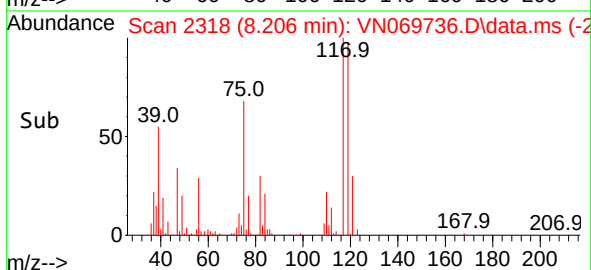
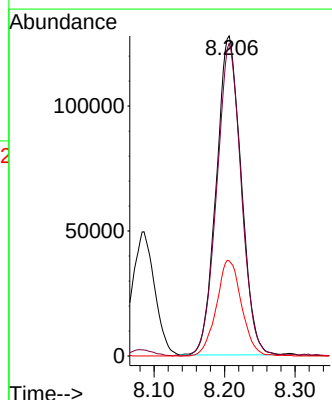
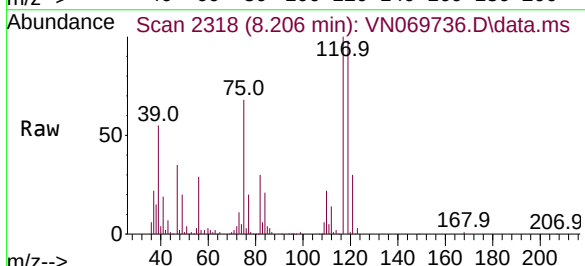
Delta R.T. 0.000 min

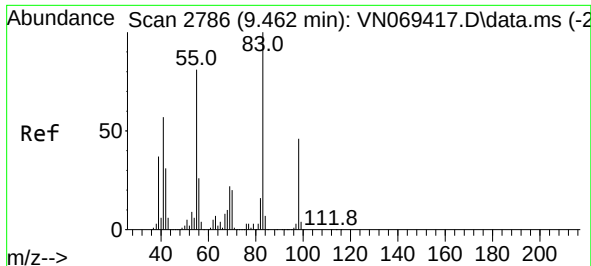
Lab File: VN069736.D

Acq: 3 Dec 2021 23:43

Tgt Ion:117 Resp: 312599

Ion	Ratio	Lower	Upper
117	100		
119	98.0	76.1	114.1
121	29.9	24.2	36.2





#39

Methylcyclohexane

Concen: 18.730 ug/l

RT: 9.459 min Scan# 21

Delta R.T. -0.003 min

Lab File: VN069736.D

Acq: 3 Dec 2021 23:43

Instrument :

MSVOA_N

ClientSampleId :

VN1203WBSD02

Tgt Ion: 83 Resp: 37623

Ion Ratio Lower Upper

83 100

55 87.5 58.1 87.1

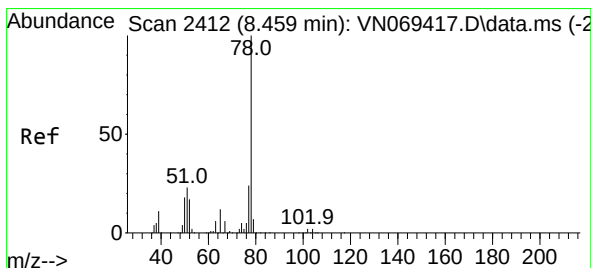
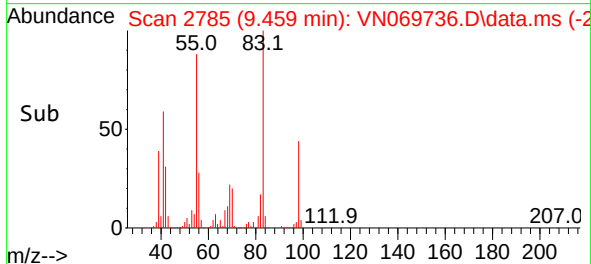
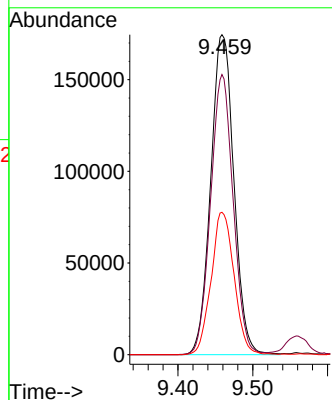
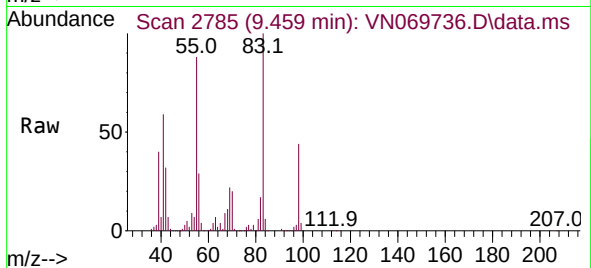
98 44.5 38.4 57.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/04/2021

Supervised By :Mahesh Dadoda 12/06/2021



#40

Benzene

Concen: 19.228 ug/l

RT: 8.458 min Scan# 2412

Delta R.T. -0.002 min

Lab File: VN069736.D

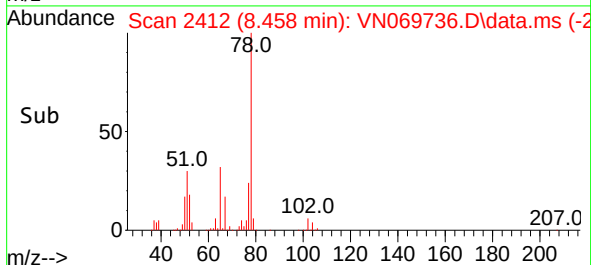
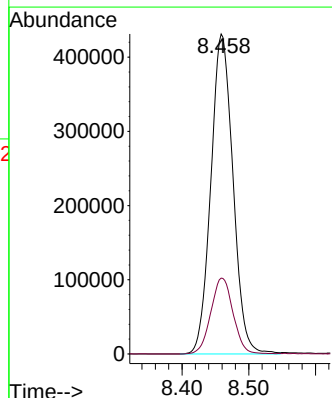
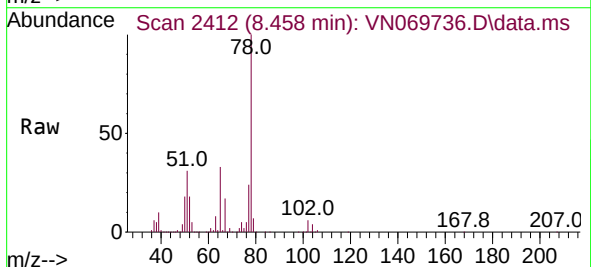
Acq: 3 Dec 2021 23:43

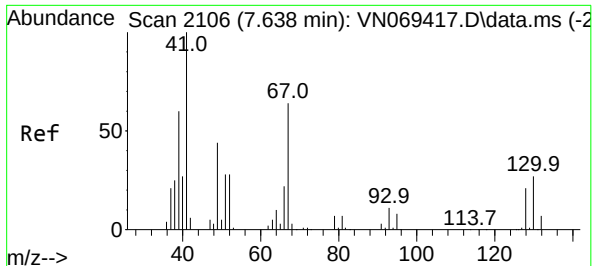
Tgt Ion: 78 Resp: 992547

Ion Ratio Lower Upper

78 100

77 23.7 18.6 27.8





#41
Methacrylonitrile
Concen: 17.362 ug/l
RT: 7.635 min Scan# 2106
Delta R.T. -0.005 min
Lab File: VN069736.D
Acq: 3 Dec 2021 23:43

Instrument :

MSVOA_N

ClientSampleId :

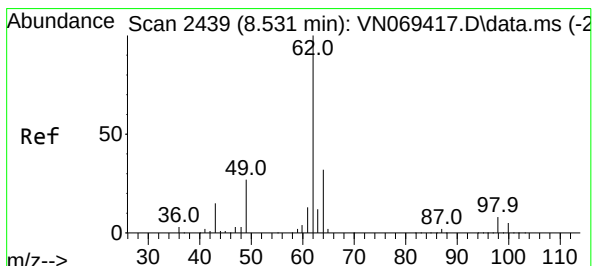
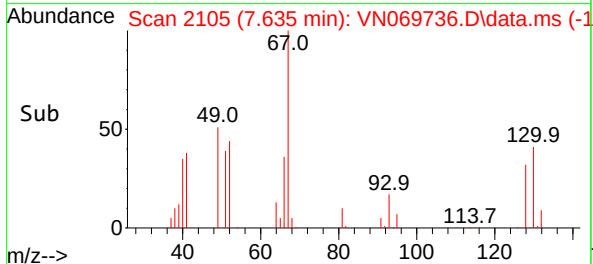
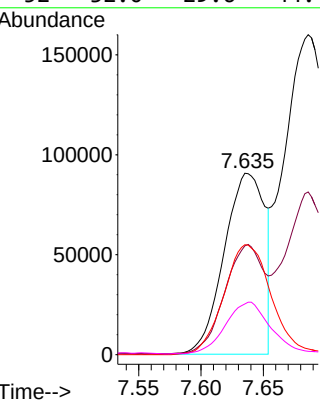
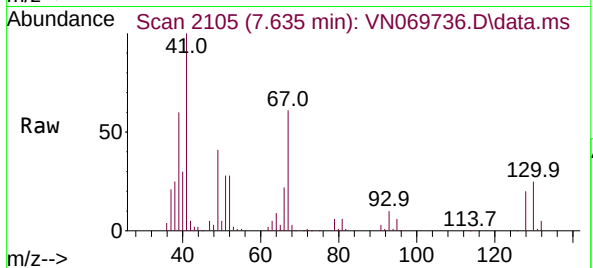
VN1203WBSD02

Tgt Ion: 41 Resp: 204859
Ion Ratio Lower Upper
41 100
39 58.0 48.1 72.1
67 72.1 68.3 102.5
52 32.0 29.6 44.4

Manual Integrations

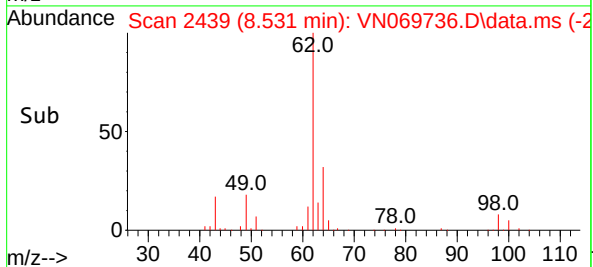
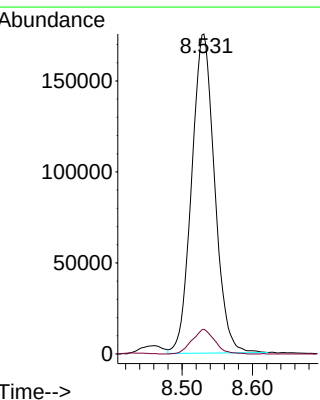
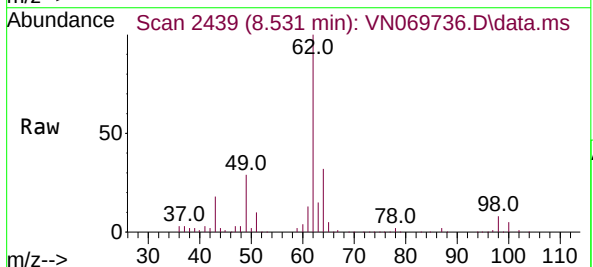
APPROVED

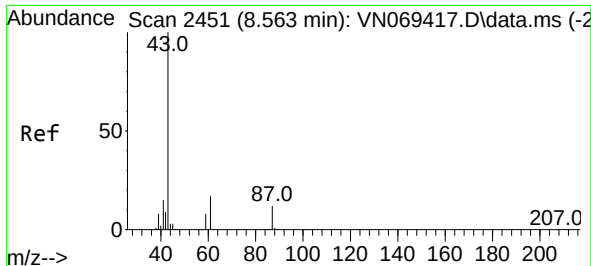
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021



#42
1,2-Dichloroethane
Concen: 19.033 ug/l
RT: 8.531 min Scan# 2439
Delta R.T. 0.000 min
Lab File: VN069736.D
Acq: 3 Dec 2021 23:43

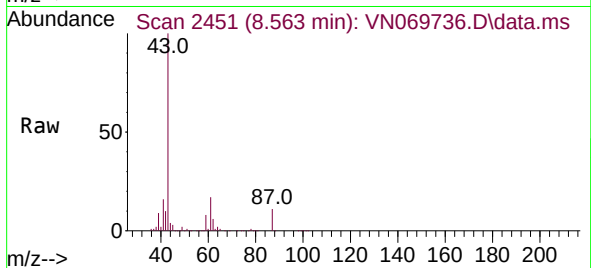
Tgt Ion: 62 Resp: 396602
Ion Ratio Lower Upper
62 100
98 7.6 0.0 17.6





#43
Isopropyl Acetate
Concen: 17.787 ug/l
RT: 8.563 min Scan# 2451
Delta R.T. 0.000 min
Lab File: VN069736.D
Acq: 3 Dec 2021 23:43

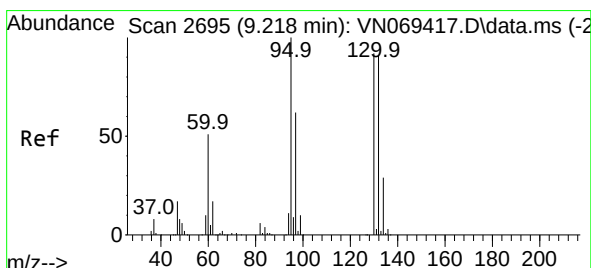
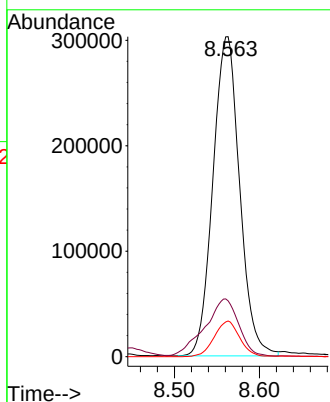
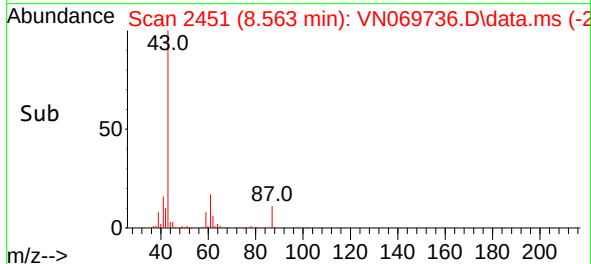
Instrument :
MSVOA_N
ClientSampleId :
VN1203WBSD02



Tgt Ion: 43 Resp: 661630
Ion Ratio Lower Upper
43 100
61 22.8 20.4 30.6
87 10.7 11.2 16.8

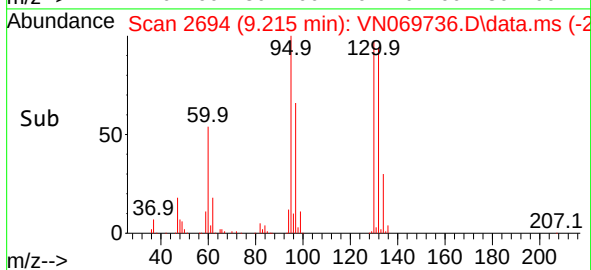
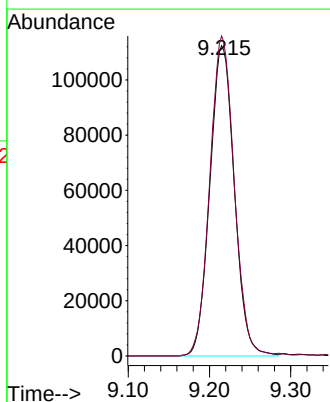
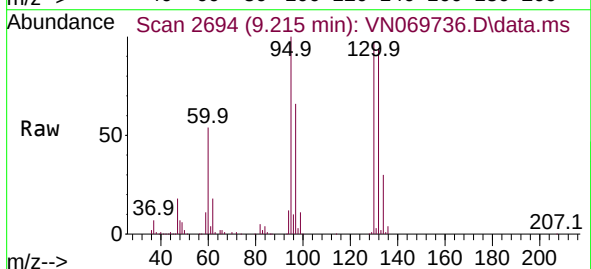
Manual Integrations
APPROVED

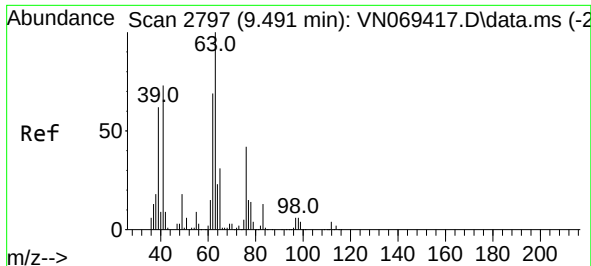
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021



#44
Trichloroethene
Concen: 19.085 ug/l
RT: 9.215 min Scan# 2694
Delta R.T. -0.002 min
Lab File: VN069736.D
Acq: 3 Dec 2021 23:43

Tgt Ion:130 Resp: 235142
Ion Ratio Lower Upper
130 100
95 103.2 0.0 191.2





#45

1,2-Dichloropropane

Concen: 19.111 ug/l

RT: 9.488 min Scan# 21

Delta R.T. -0.003 min

Lab File: VN069736.D

Acq: 3 Dec 2021 23:43

Instrument :

MSVOA_N

ClientSampleId :

VN1203WBSD02

Tgt Ion: 63 Resp: 264910

Ion Ratio Lower Upper

63 100

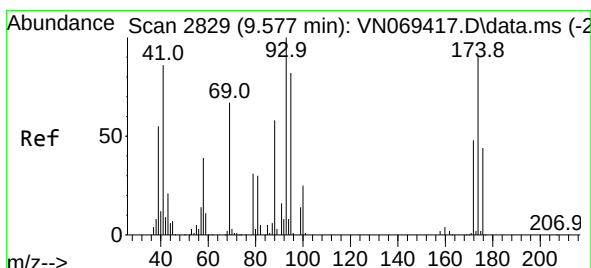
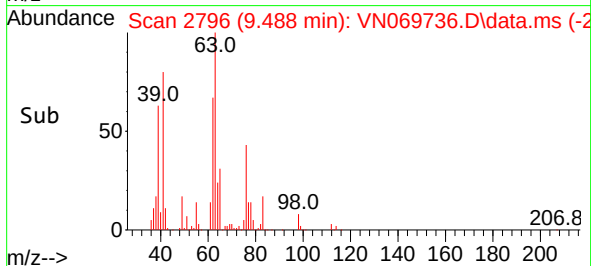
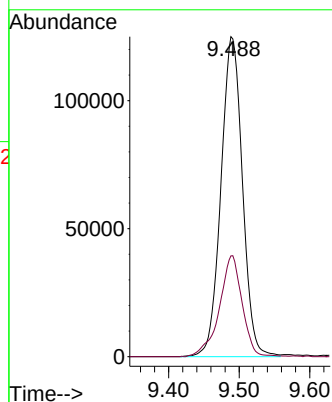
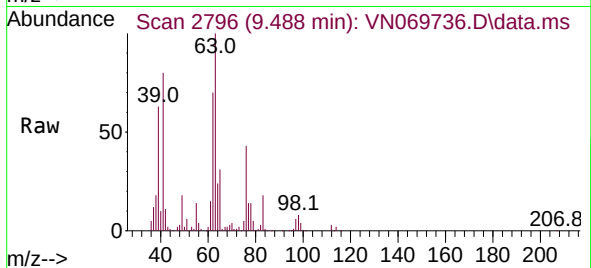
65 31.5 24.7 37.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/04/2021

Supervised By :Mahesh Dadoda 12/06/2021



#46

Dibromomethane

Concen: 18.724 ug/l

RT: 9.574 min Scan# 2828

Delta R.T. -0.002 min

Lab File: VN069736.D

Acq: 3 Dec 2021 23:43

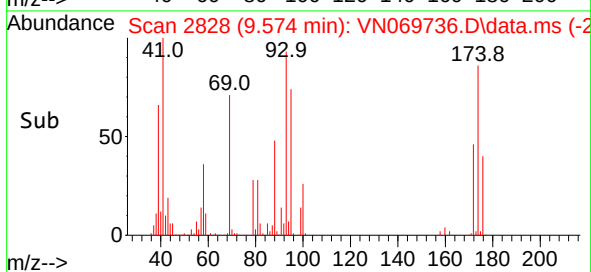
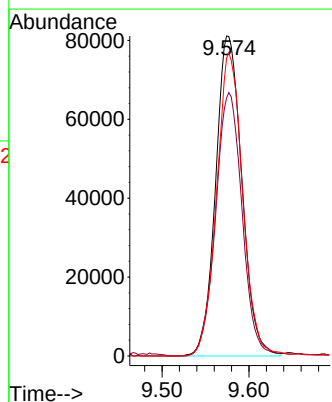
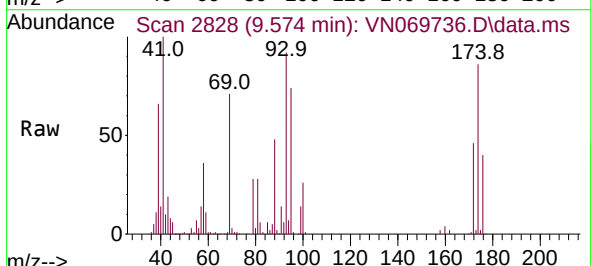
Tgt Ion: 93 Resp: 170219

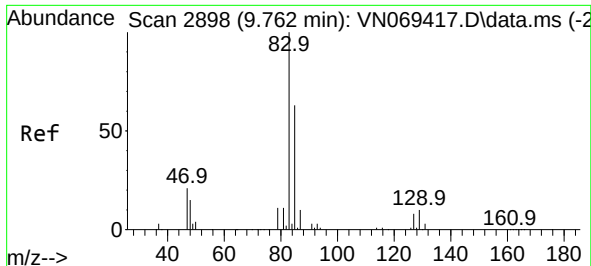
Ion Ratio Lower Upper

93 100

95 82.7 65.9 98.9

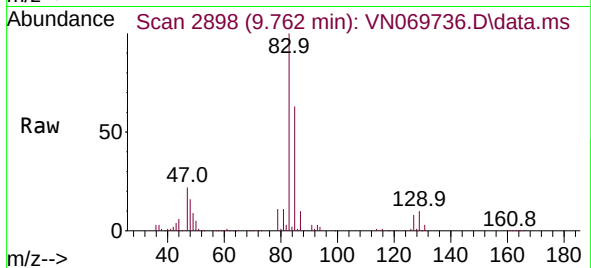
174 93.9 84.6 127.0





#47
Bromodichloromethane
Concen: 18.902 ug/l
RT: 9.762 min Scan# 2898
Delta R.T. 0.000 min
Lab File: VN069736.D
Acq: 3 Dec 2021 23:43

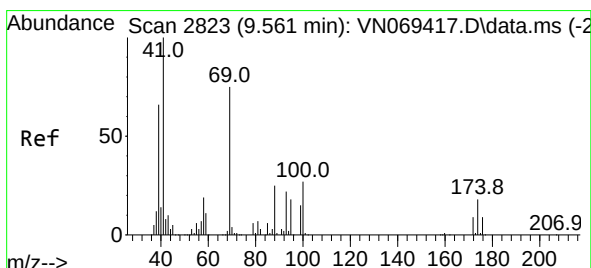
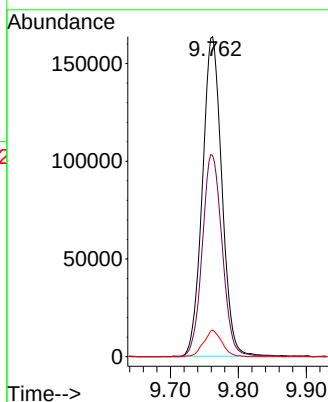
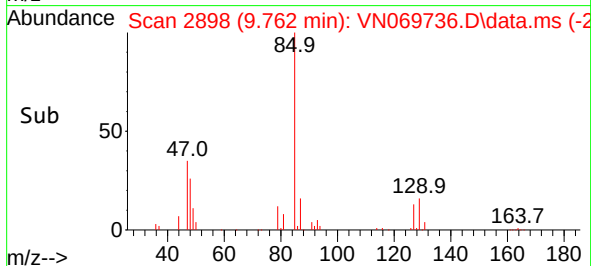
Instrument :
MSVOA_N
ClientSampleId :
VN1203WBSD02



Tgt Ion: 83 Resp: 325360
Ion Ratio Lower Upper
83 100
85 63.0 50.9 76.3
127 8.3 7.1 10.7

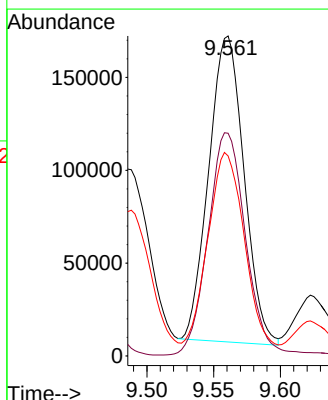
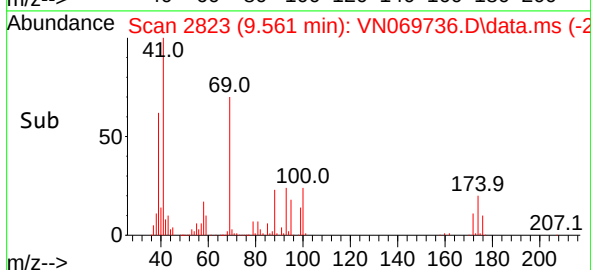
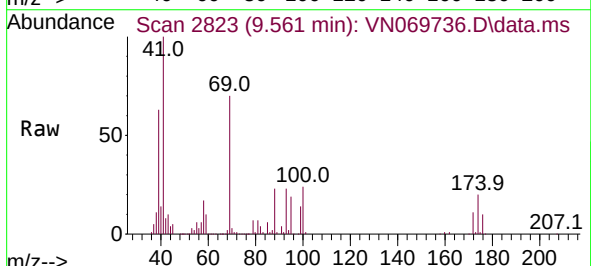
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APPROVED

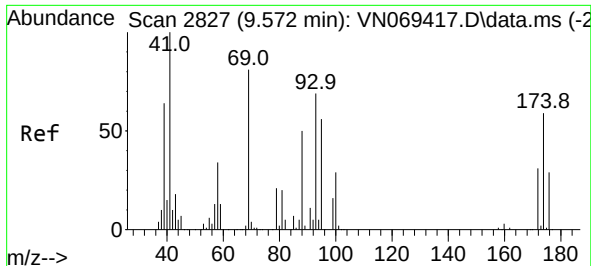
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021



#48
Methyl methacrylate
Concen: 17.458 ug/l
RT: 9.561 min Scan# 2823
Delta R.T. -0.000 min
Lab File: VN069736.D
Acq: 3 Dec 2021 23:43

Tgt Ion: 41 Resp: 303049
Ion Ratio Lower Upper
41 100
69 78.5 72.4 108.6
39 64.4 58.4 87.6





#49

1,4-Dioxane

Concen: 318.530 ug/l

RT: 9.569 min Scan# 2827

Delta R.T. -0.002 min

Lab File: VN069736.D

Acq: 3 Dec 2021 23:43

Instrument :

MSVOA_N

ClientSampleId :

VN1203WBSD02

Tgt Ion: 88 Resp: 9921

Ion Ratio Lower Upper

88 100

43 36.9 23.4 35.2

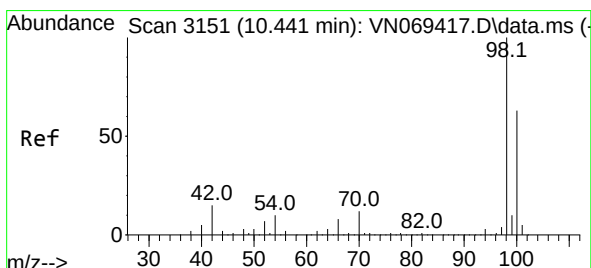
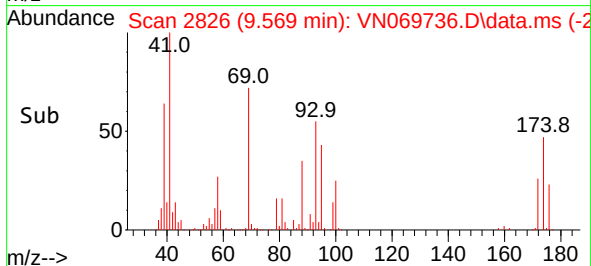
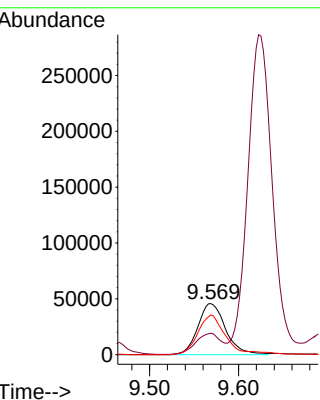
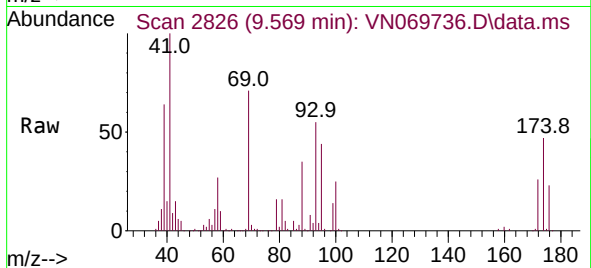
58 78.9 50.6 75.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/04/2021

Supervised By :Mahesh Dadoda 12/06/2021



#50

Toluene-d8

Concen: 53.113 ug/l

RT: 10.440 min Scan# 3151

Delta R.T. -0.003 min

Lab File: VN069736.D

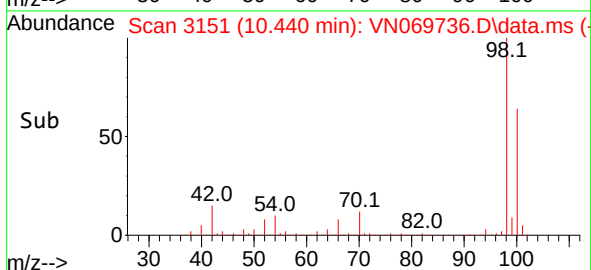
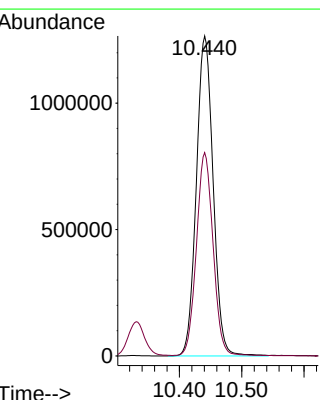
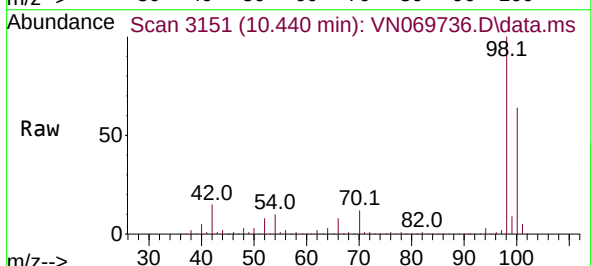
Acq: 3 Dec 2021 23:43

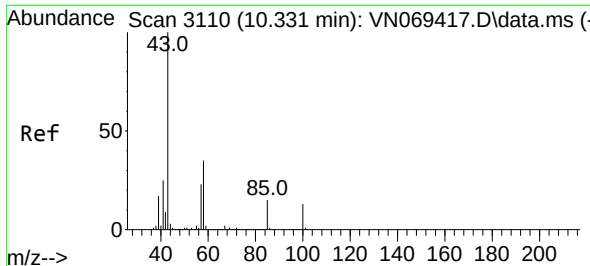
Tgt Ion: 98 Resp: 2369799

Ion Ratio Lower Upper

98 100

100 62.7 50.4 75.6





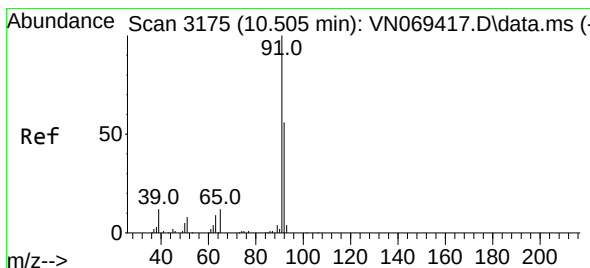
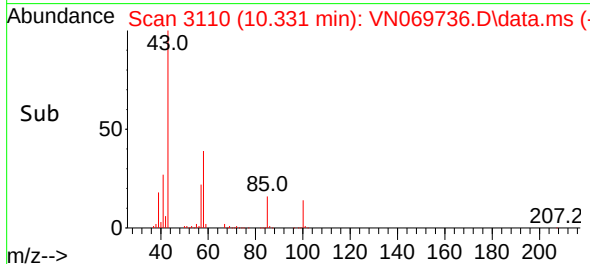
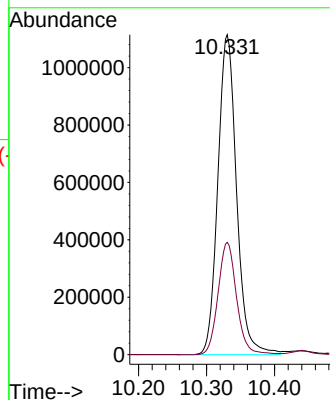
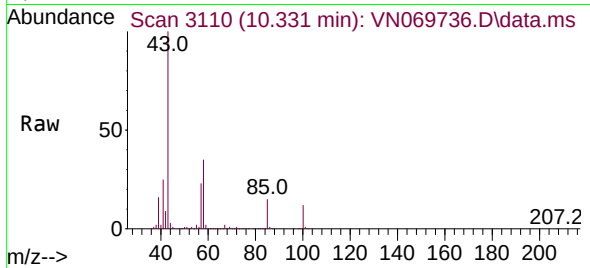
#51
4-Methyl-2-Pentanone
Concen: 88.190 ug/l
RT: 10.331 min Scan# 3110
Delta R.T. -0.002 min
Lab File: VN069736.D
Acq: 3 Dec 2021 23:43

Instrument :
MSVOA_N
ClientSampleId :
VN1203WBSD02

Tgt Ion: 43 Resp: 2128069
Ion Ratio Lower Upper
43 100
58 34.8 30.4 45.6

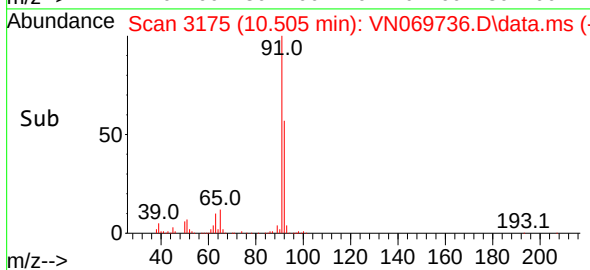
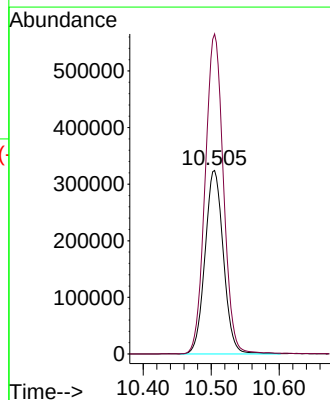
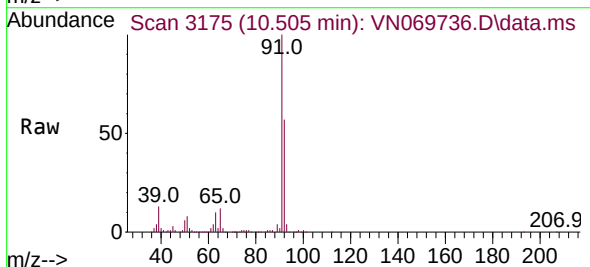
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APPROVED

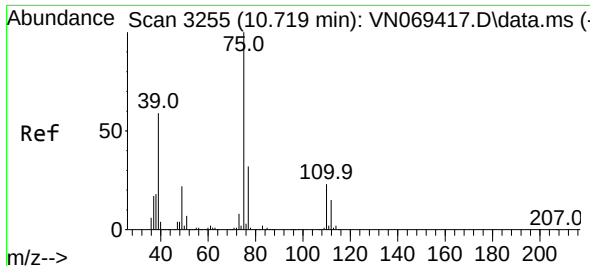
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021



#52
Toluene
Concen: 19.355 ug/l
RT: 10.505 min Scan# 3175
Delta R.T. -0.003 min
Lab File: VN069736.D
Acq: 3 Dec 2021 23:43

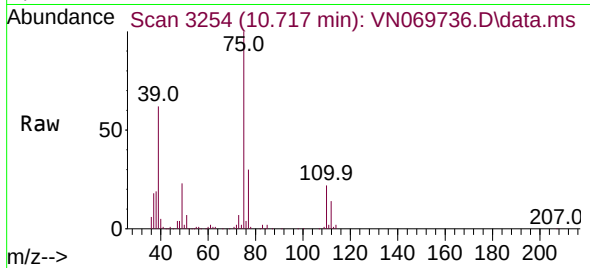
Tgt Ion: 92 Resp: 609981
Ion Ratio Lower Upper
92 100
91 172.8 142.0 213.0





#53
t-1,3-Dichloropropene
Concen: 17.441 ug/l
RT: 10.717 min Scan# 31
Delta R.T. -0.002 min
Lab File: VN069736.D
Acq: 3 Dec 2021 23:43

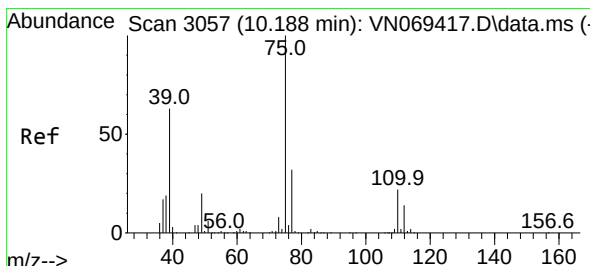
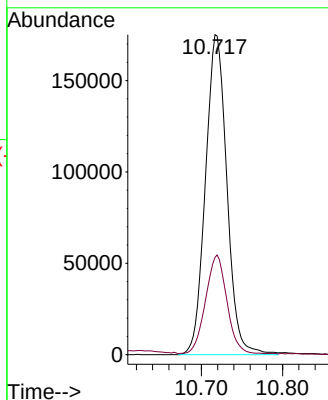
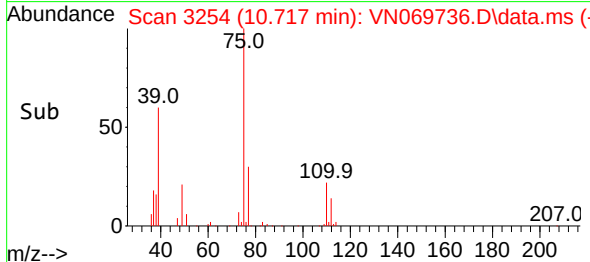
Instrument :
MSVOA_N
ClientSampleId :
VN1203WBSD02



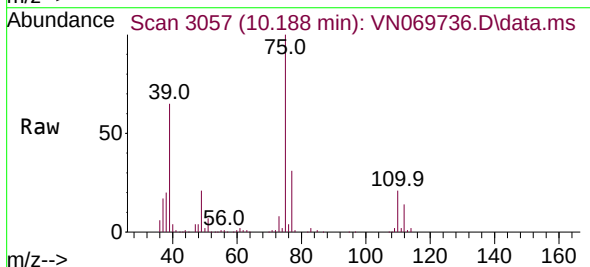
Tgt Ion: 75 Resp: 321220
Ion Ratio Lower Upper
75 100
77 30.1 25.6 38.4

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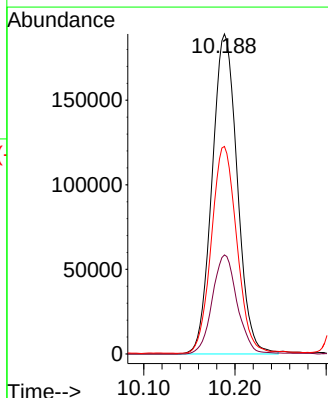
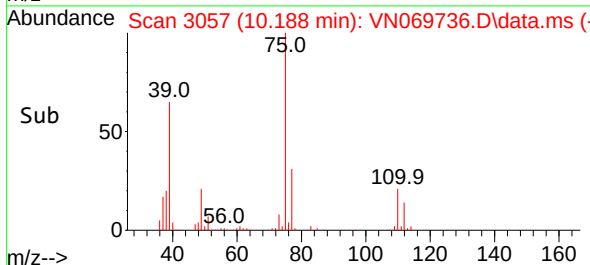
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021

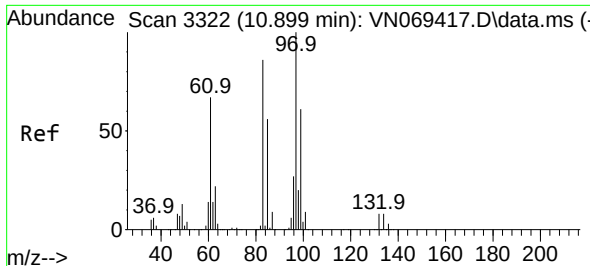


#54
cis-1,3-Dichloropropene
Concen: 18.031 ug/l
RT: 10.188 min Scan# 3057
Delta R.T. -0.003 min
Lab File: VN069736.D
Acq: 3 Dec 2021 23:43



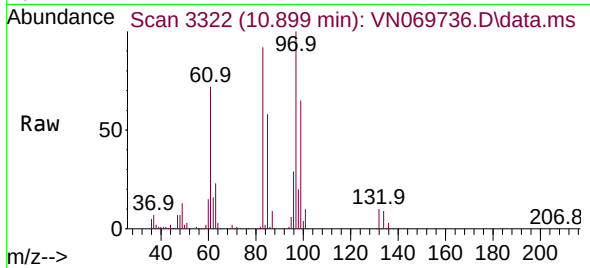
Tgt Ion: 75 Resp: 362889
Ion Ratio Lower Upper
75 100
77 31.0 26.4 39.6
39 64.6 42.5 63.7#





#55
1,1,2-Trichloroethane
Concen: 18.565 ug/l
RT: 10.899 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN069736.D
Acq: 3 Dec 2021 23:43

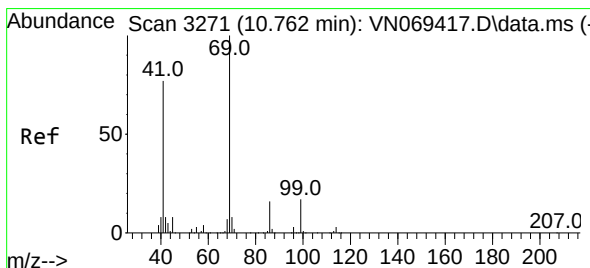
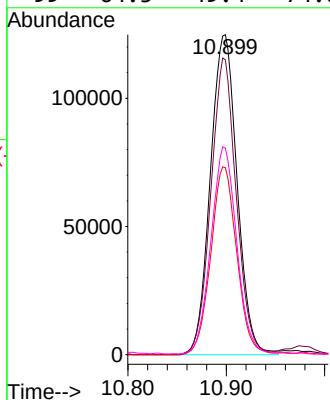
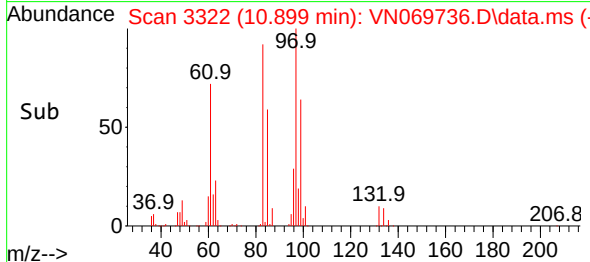
Instrument :
MSVOA_N
ClientSampleId :
VN1203WBSD02



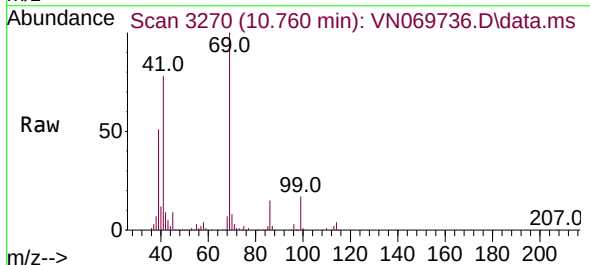
Tgt Ion:	97	Resp:	23607
Ion	Ratio	Lower	Upper
97	100		
83	92.2	67.8	101.6
85	58.5	45.4	68.2
99	64.3	49.4	74.0

Manual Integrations
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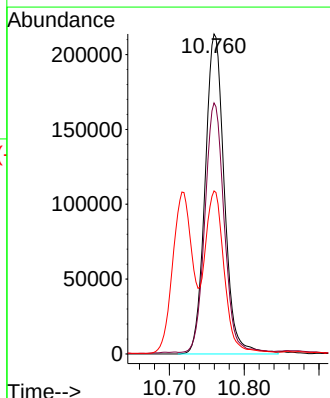
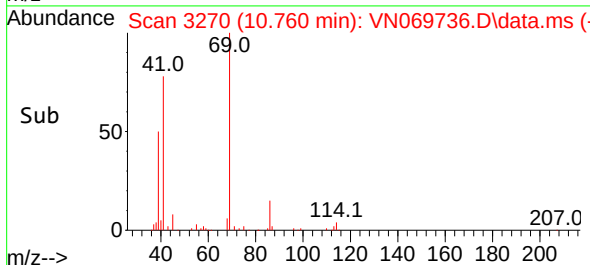
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021

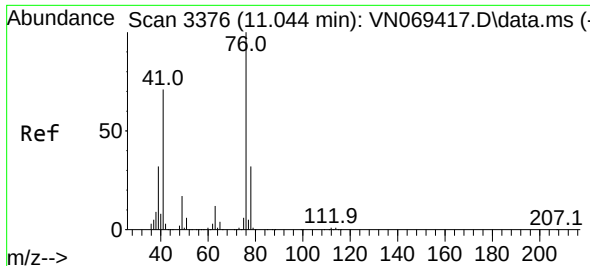


#56
Ethyl methacrylate
Concen: 17.480 ug/l
RT: 10.760 min Scan# 3270
Delta R.T. -0.002 min
Lab File: VN069736.D
Acq: 3 Dec 2021 23:43



Tgt Ion:	69	Resp:	382123
Ion	Ratio	Lower	Upper
69	100		
41	78.0	51.4	77.0#
39	49.0	34.6	52.0





#57

1,3-Dichloropropane

Concen: 19.067 ug/l

RT: 11.044 min Scan# 31

Delta R.T. -0.002 min

Lab File: VN069736.D

Acq: 3 Dec 2021 23:43

Instrument :

MSVOA_N

ClientSampleId :

VN1203WBSD02

Tgt Ion: 76 Resp: 42689

Ion Ratio Lower Upper

76 100

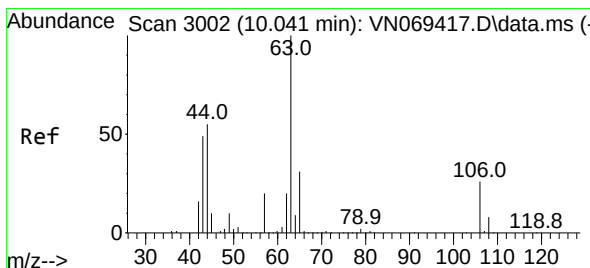
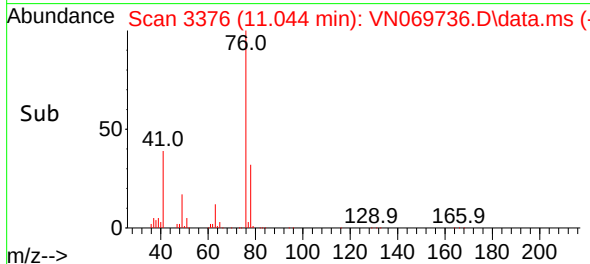
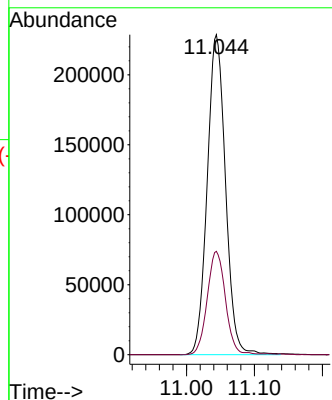
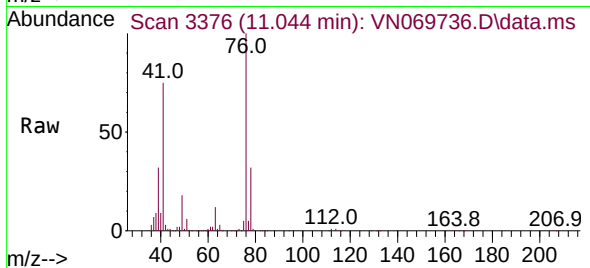
78 31.9 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/04/2021

Supervised By :Mahesh Dadoda 12/06/2021



#58

2-Chloroethyl Vinyl ether

Concen: 72.154 ug/l

RT: 10.041 min Scan# 3002

Delta R.T. -0.002 min

Lab File: VN069736.D

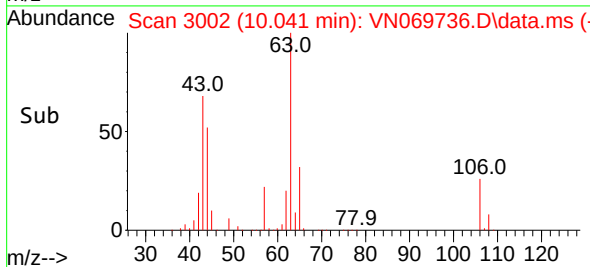
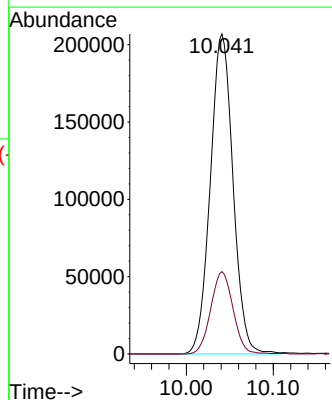
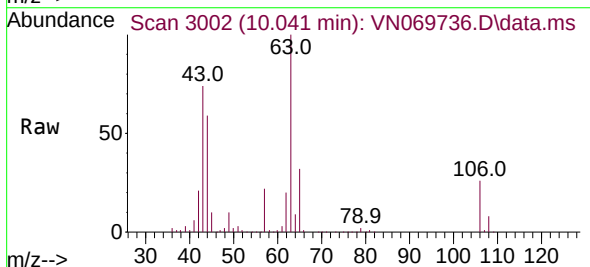
Acq: 3 Dec 2021 23:43

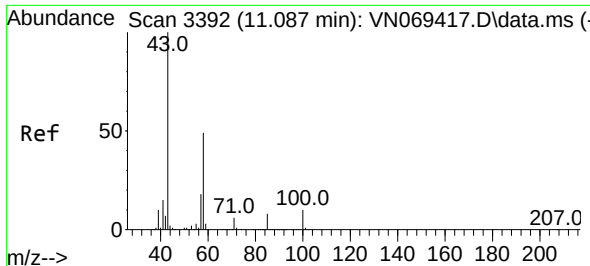
Tgt Ion: 63 Resp: 376003

Ion Ratio Lower Upper

63 100

106 25.2 23.9 35.9





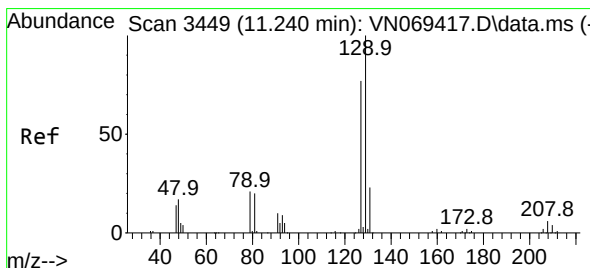
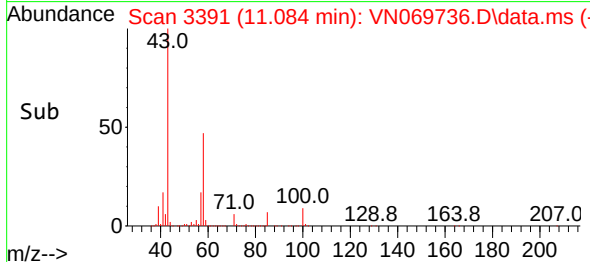
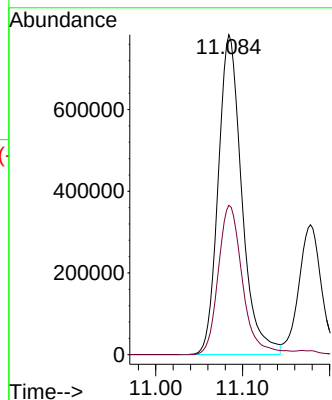
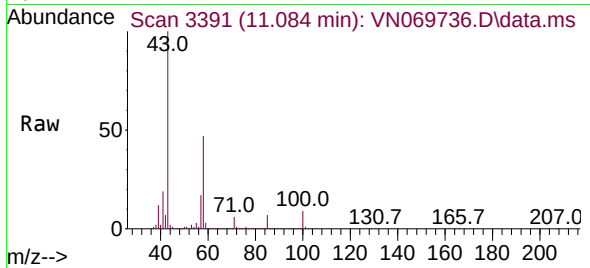
#59
2-Hexanone
Concen: 80.818 ug/l
RT: 11.084 min Scan# 3391
Delta R.T. -0.003 min
Lab File: VN069736.D
Acq: 3 Dec 2021 23:43

Instrument :
MSVOA_N
ClientSampleId :
VN1203WBSD02

Tgt Ion: 43 Resp: 147524
Ion Ratio Lower Upper
43 100
58 48.1 26.9 80.7

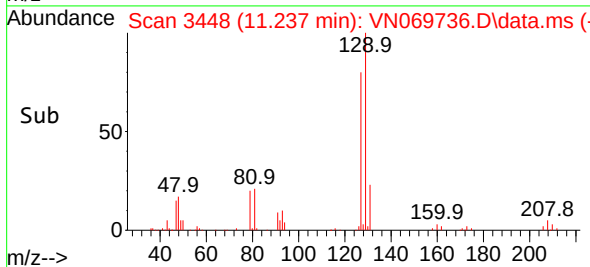
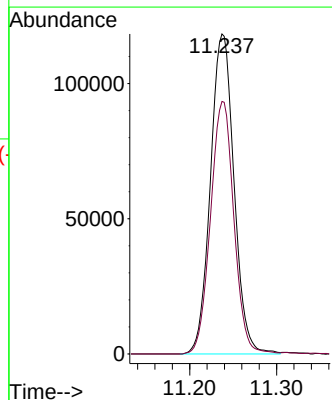
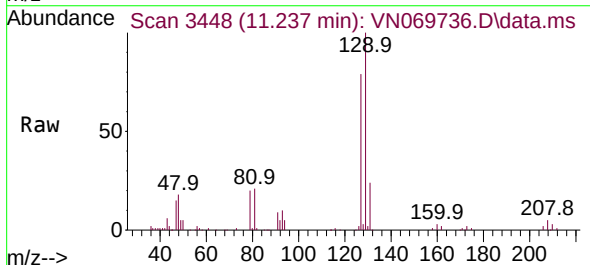
Manual Integrations
APPROVED

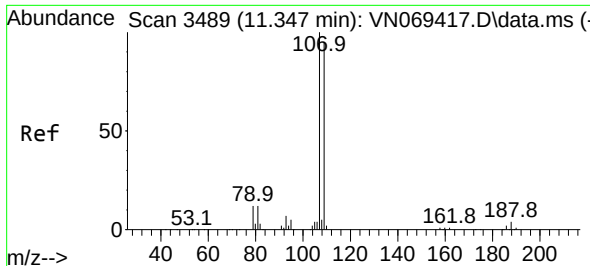
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021



#60
Dibromochloromethane
Concen: 17.982 ug/l
RT: 11.237 min Scan# 3448
Delta R.T. -0.003 min
Lab File: VN069736.D
Acq: 3 Dec 2021 23:43

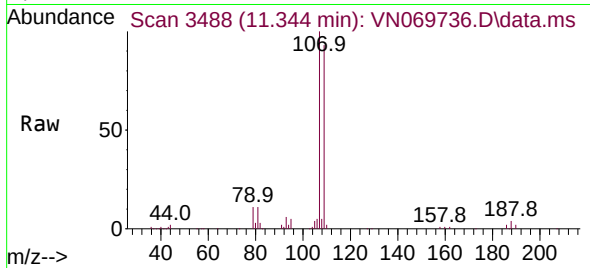
Tgt Ion:129 Resp: 223221
Ion Ratio Lower Upper
129 100
127 78.1 38.6 116.0





#61
1,2-Dibromoethane
Concen: 18.188 ug/l
RT: 11.344 min Scan# 3489
Delta R.T. -0.003 min
Lab File: VN069736.D
Acq: 3 Dec 2021 23:43

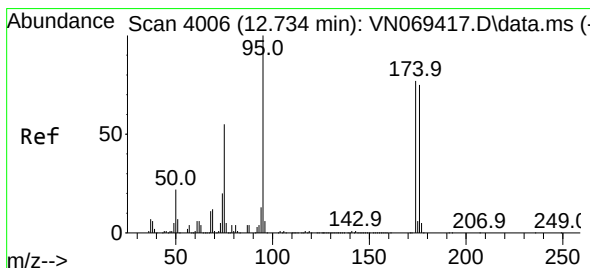
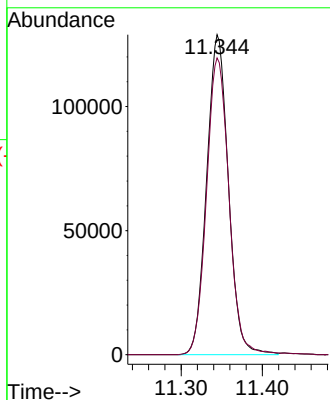
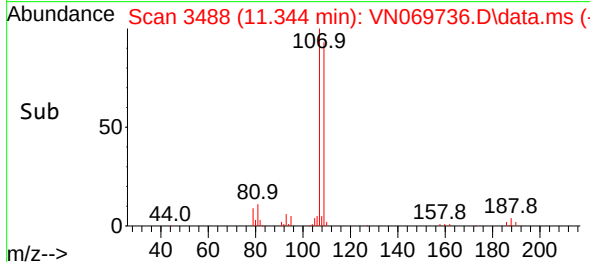
Instrument :
MSVOA_N
ClientSampleId :
VN1203WBSD02



Tgt Ion:107 Resp: 239540
Ion Ratio Lower Upper
107 100
109 95.6 75.7 113.5

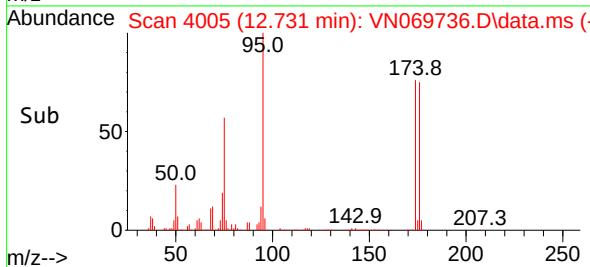
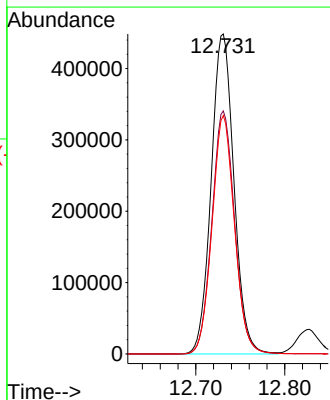
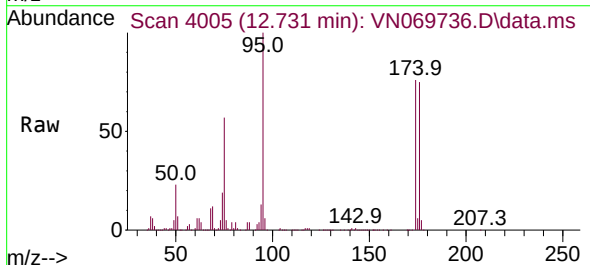
Manual Integrations
APPROVED

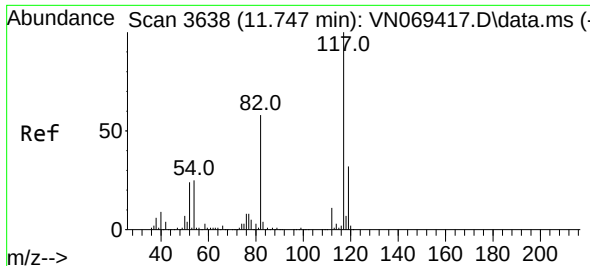
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021



#62
4-Bromofluorobenzene
Concen: 49.338 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN069736.D
Acq: 3 Dec 2021 23:43

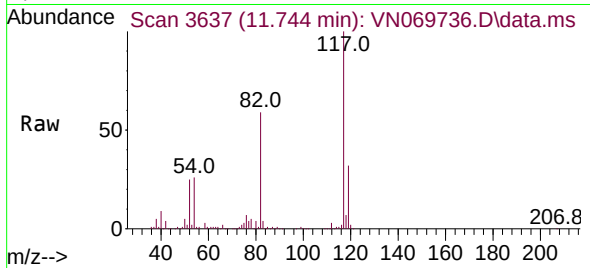
Tgt Ion: 95 Resp: 797510
Ion Ratio Lower Upper
95 100
174 75.9 0.0 187.2
176 73.6 0.0 181.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3637
Delta R.T. -0.002 min
Lab File: VN069736.D
Acq: 3 Dec 2021 23:43

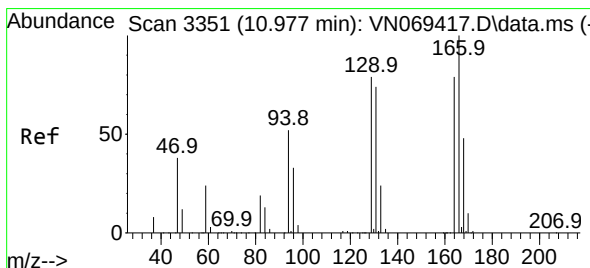
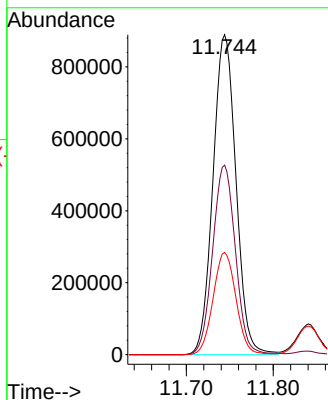
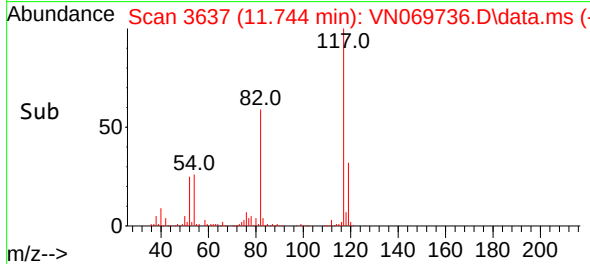
Instrument :
MSVOA_N
ClientSampleId :
VN1203WBSD02



Tgt Ion:117 Resp: 1637449
Ion Ratio Lower Upper
117 100
82 59.3 42.4 63.6
119 32.0 25.4 38.2

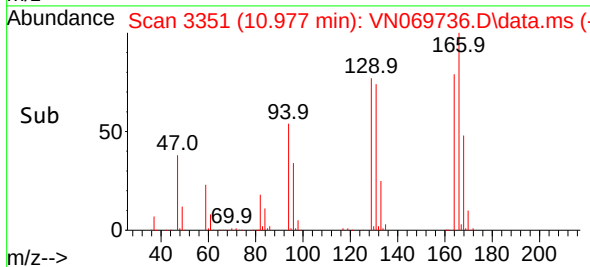
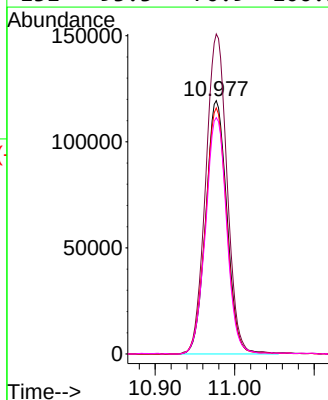
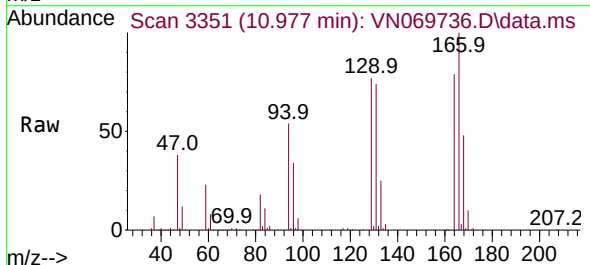
Manual Integrations
APPROVED

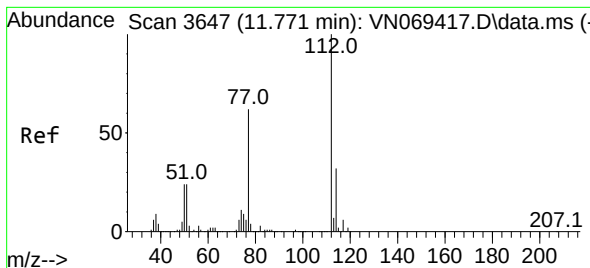
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021



#64
Tetrachloroethene
Concen: 19.948 ug/l
RT: 10.977 min Scan# 3351
Delta R.T. -0.002 min
Lab File: VN069736.D
Acq: 3 Dec 2021 23:43

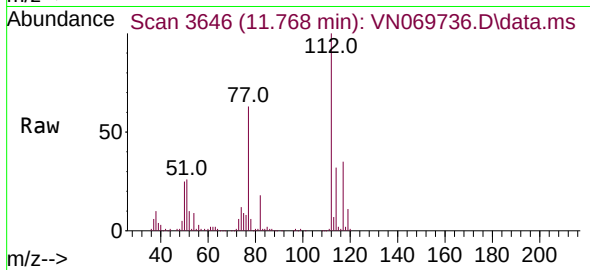
Tgt Ion:164 Resp: 221479
Ion Ratio Lower Upper
164 100
166 126.3 101.9 152.9
129 97.1 72.0 108.0
131 93.3 70.9 106.3





#65
Chlorobenzene
Concen: 18.775 ug/l
RT: 11.768 min Scan# 3646
Delta R.T. -0.003 min
Lab File: VN069736.D
Acq: 3 Dec 2021 23:43

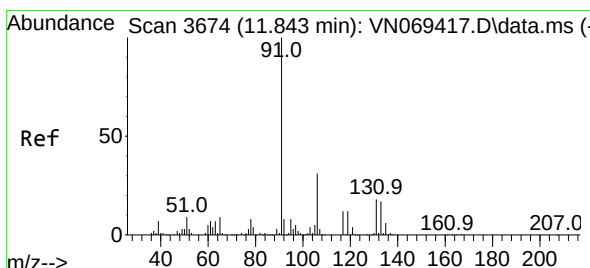
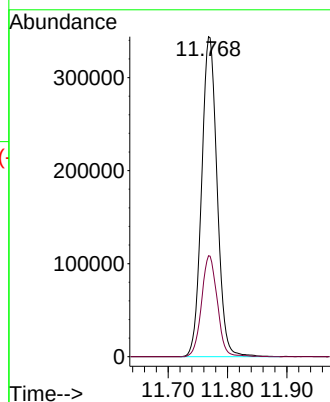
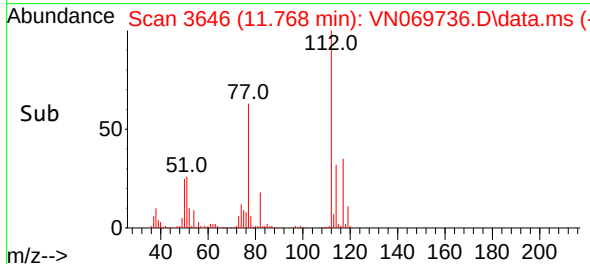
Instrument :
MSVOA_N
ClientSampleId :
VN1203WBSD02



Tgt Ion:112 Resp: 62367
Ion Ratio Lower Upper
112 100
114 31.5 25.4 38.0

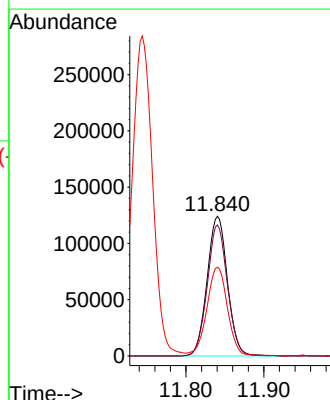
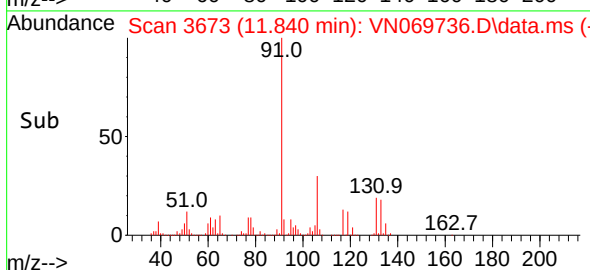
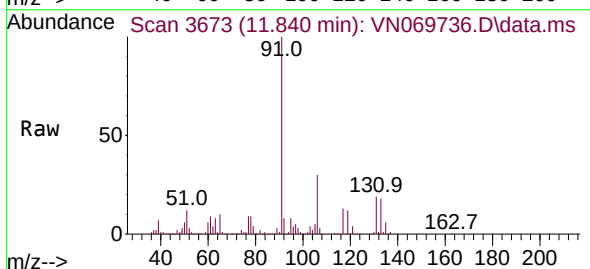
Manual Integrations
APPROVED

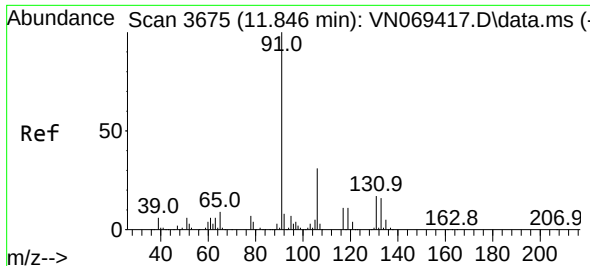
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021



#66
1,1,1,2-Tetrachloroethane
Concen: 19.258 ug/l
RT: 11.840 min Scan# 3673
Delta R.T. -0.003 min
Lab File: VN069736.D
Acq: 3 Dec 2021 23:43

Tgt Ion:131 Resp: 225165
Ion Ratio Lower Upper
131 100
133 93.4 47.9 143.7
119 63.6 32.1 96.5





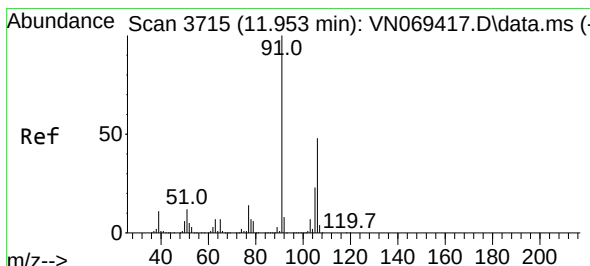
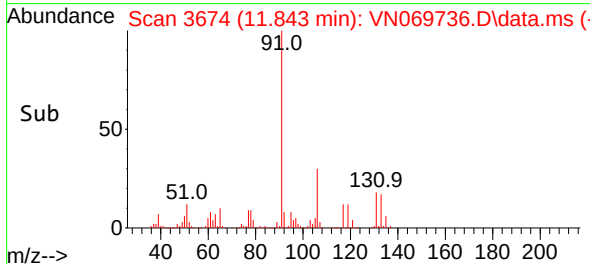
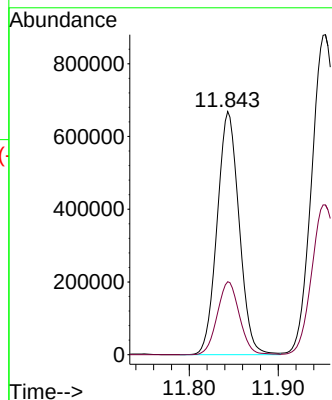
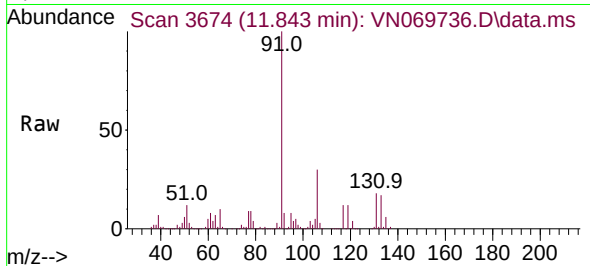
#67
Ethyl Benzene
Concen: 19.017 ug/l
RT: 11.843 min Scan# 3675
Delta R.T. -0.002 min
Lab File: VN069736.D
Acq: 3 Dec 2021 23:43

Instrument :
MSVOA_N
ClientSampleId :
VN1203WBSD02

Tgt Ion: 91 Resp: 1147492
Ion Ratio Lower Upper
91 100
106 30.0 25.7 38.5

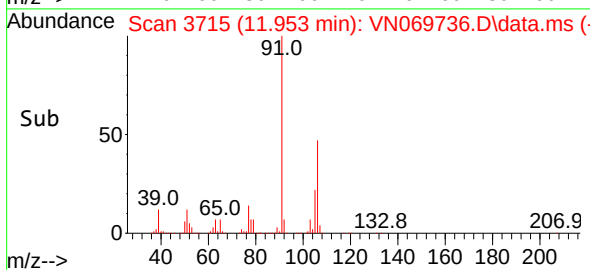
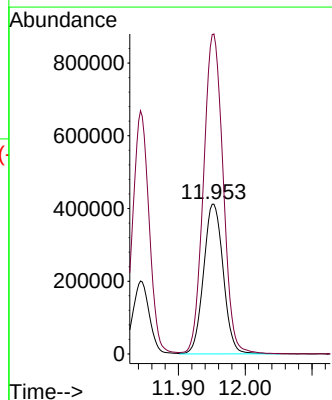
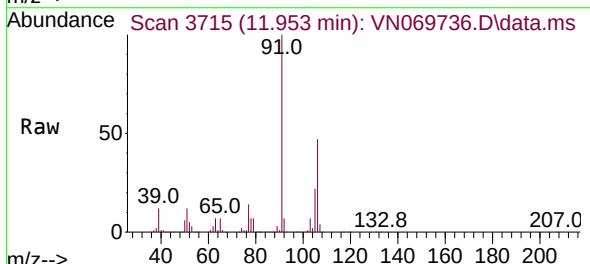
Manual Integrations
APPROVED

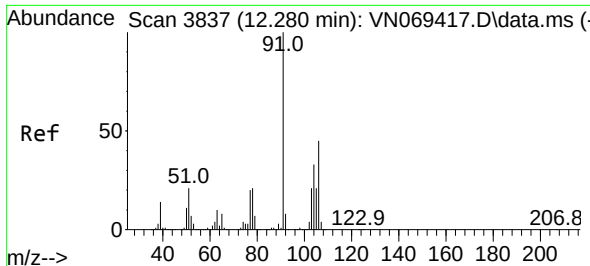
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021



#68
m/p-Xylenes
Concen: 38.325 ug/l
RT: 11.953 min Scan# 3715
Delta R.T. 0.000 min
Lab File: VN069736.D
Acq: 3 Dec 2021 23:43

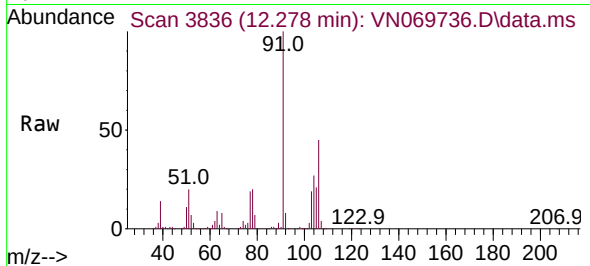
Tgt Ion:106 Resp: 842038
Ion Ratio Lower Upper
106 100
91 213.8 160.6 240.8





#69
o-Xylene
Concen: 18.926 ug/l
RT: 12.278 min Scan# 3836
Delta R.T. -0.005 min
Lab File: VN069736.D
Acq: 3 Dec 2021 23:43

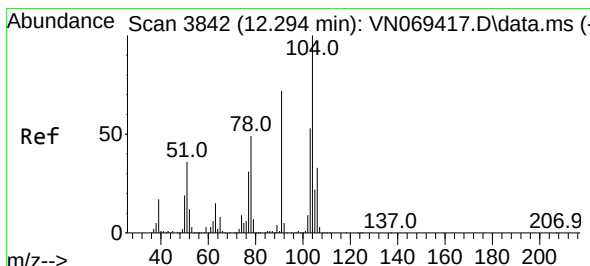
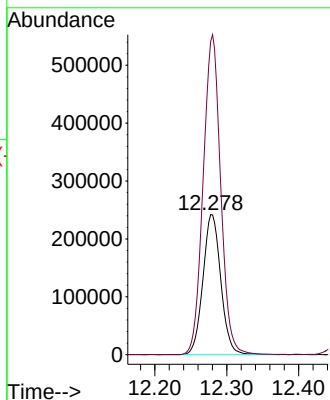
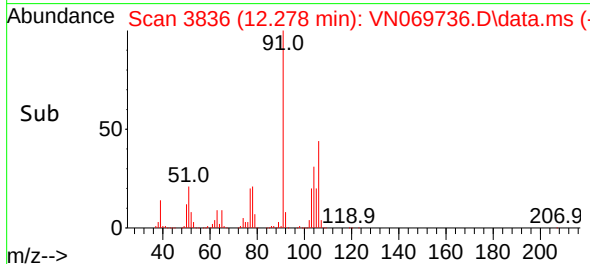
Instrument :
MSVOA_N
ClientSampleId :
VN1203WBSD02



Tgt Ion:106 Resp: 418852
Ion Ratio Lower Upper
106 100
91 223.8 105.8 317.3

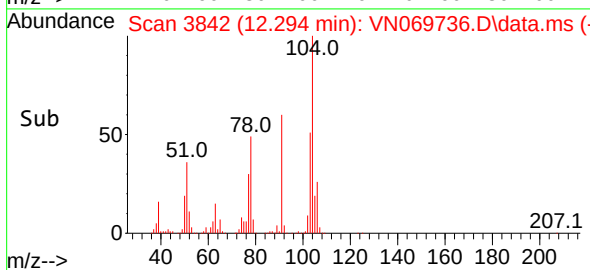
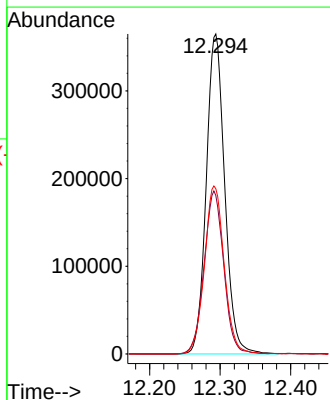
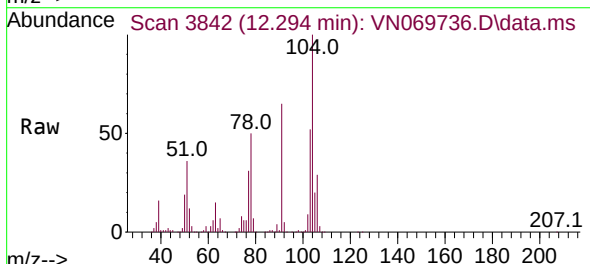
Manual Integrations
APPROVED

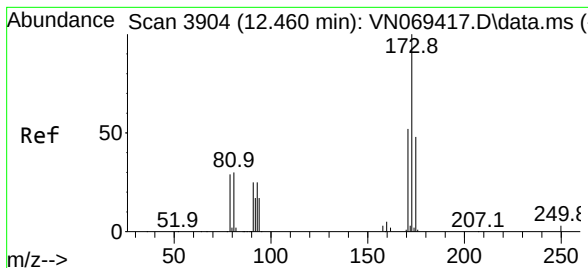
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021



#70
Styrene
Concen: 18.904 ug/l
RT: 12.294 min Scan# 3842
Delta R.T. -0.000 min
Lab File: VN069736.D
Acq: 3 Dec 2021 23:43

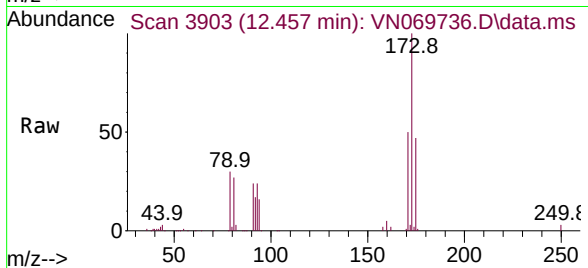
Tgt Ion:104 Resp: 663380
Ion Ratio Lower Upper
104 100
78 54.4 38.7 58.1
103 56.2 45.0 67.6





#71
Bromoform
Concen: 17.073 ug/l
RT: 12.457 min Scan# 3904
Delta R.T. -0.003 min
Lab File: VN069736.D
Acq: 3 Dec 2021 23:43

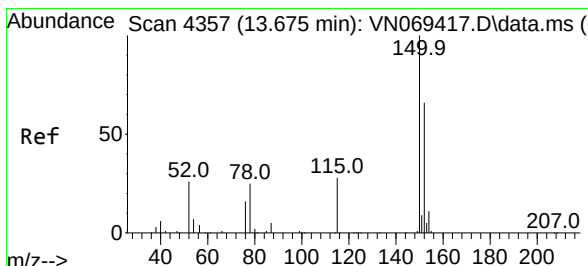
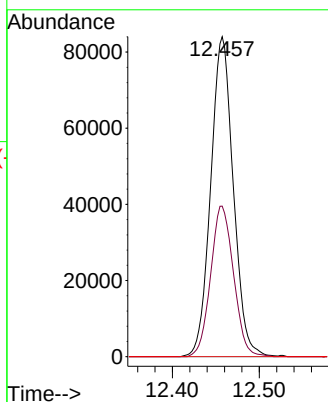
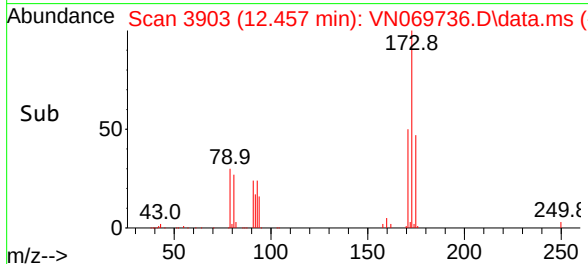
Instrument :
MSVOA_N
ClientSampleId :
VN1203WBSD02



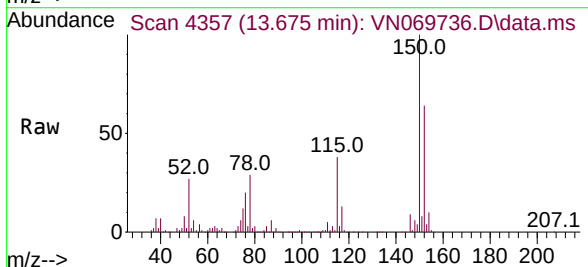
Tgt Ion:173 Resp: 151710
Ion Ratio Lower Upper
173 100
175 47.8 24.2 72.6
254 0.0 0.0 0.0

Manual Integrations
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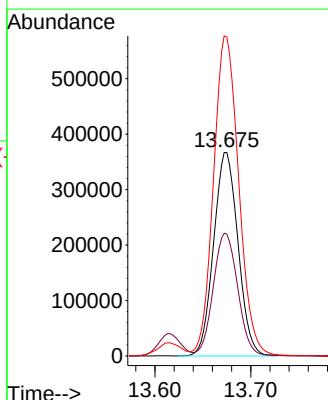
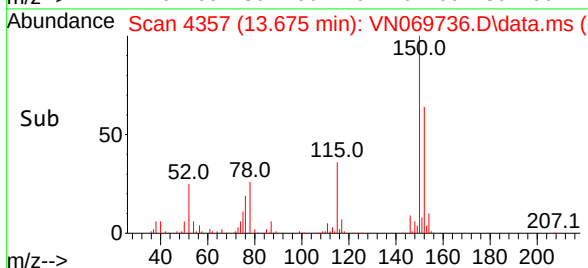
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021

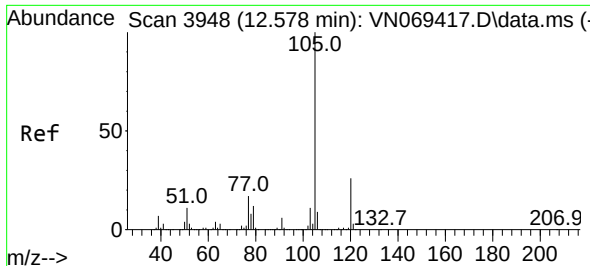


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 4357
Delta R.T. -0.002 min
Lab File: VN069736.D
Acq: 3 Dec 2021 23:43



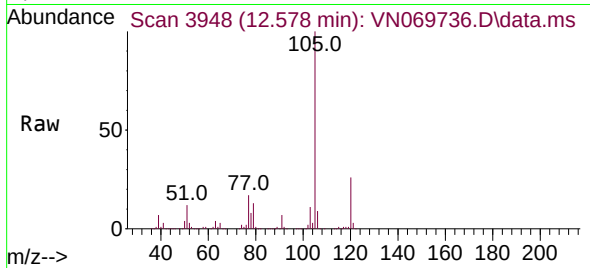
Tgt Ion:152 Resp: 647103
Ion Ratio Lower Upper
152 100
115 60.3 27.5 82.5
150 162.5 0.0 344.4





#73
Isopropylbenzene
Concen: 18.884 ug/l
RT: 12.578 min Scan# 3948
Delta R.T. -0.003 min
Lab File: VN069736.D
Acq: 3 Dec 2021 23:43

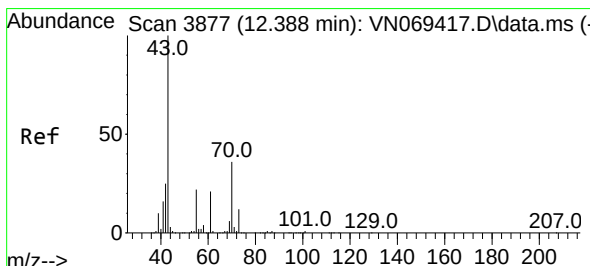
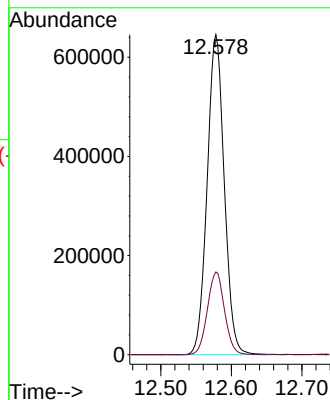
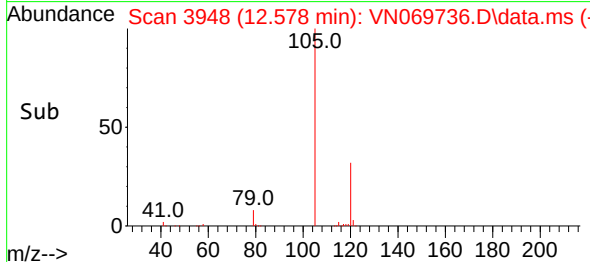
Instrument :
MSVOA_N
ClientSampleId :
VN1203WBSD02



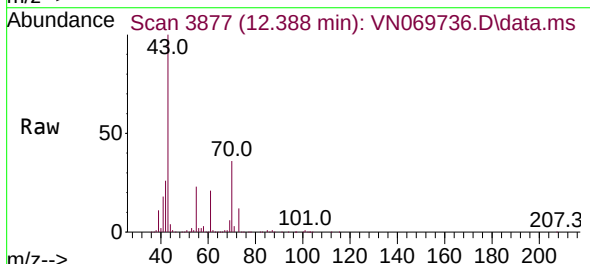
Tgt Ion:105 Resp: 108722
Ion Ratio Lower Upper
105 100
120 25.8 13.4 40.1

Manual Integrations
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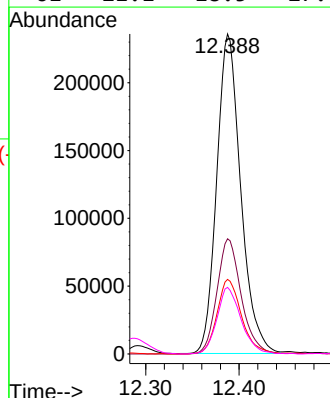
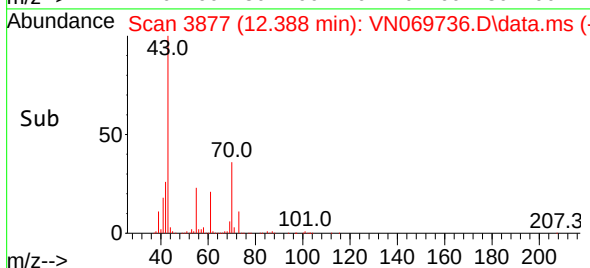
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021

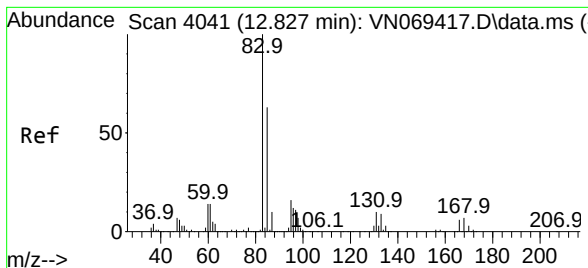


#74
N-ethyl acetate
Concen: 16.542 ug/l
RT: 12.388 min Scan# 3877
Delta R.T. 0.000 min
Lab File: VN069736.D
Acq: 3 Dec 2021 23:43



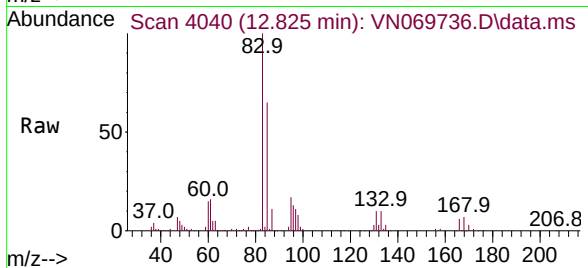
Tgt Ion: 43 Resp: 421196
Ion Ratio Lower Upper
43 100
70 36.4 33.4 50.0
55 23.8 19.3 28.9
61 21.1 18.5 27.7





#75
1,1,2,2-Tetrachloroethane
Concen: 18.239 ug/l
RT: 12.825 min Scan# 4040
Delta R.T. -0.003 min
Lab File: VN069736.D
Acq: 3 Dec 2021 23:43

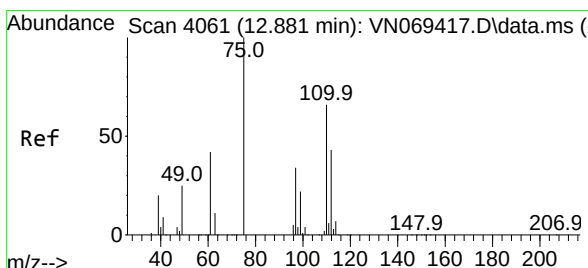
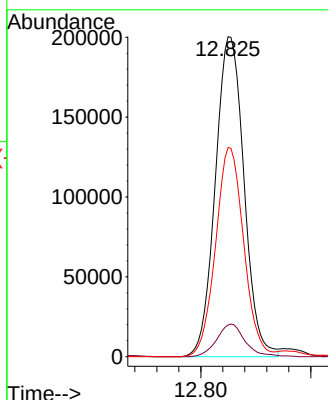
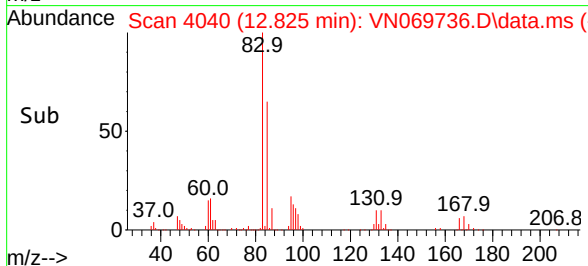
Instrument :
MSVOA_N
ClientSampleId :
VN1203WBSD02



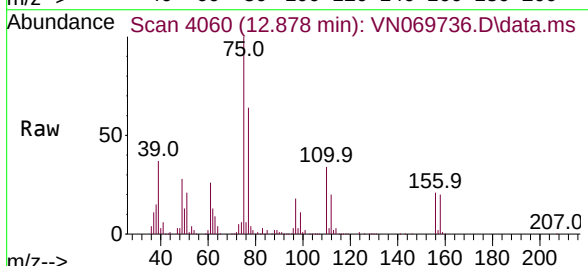
Tgt Ion: 83 Resp: 363119
Ion Ratio Lower Upper
83 100
131 10.1 5.5 16.5
85 64.1 32.4 97.2

Manual Integrations
APPROVED

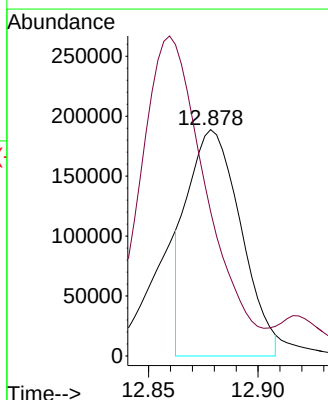
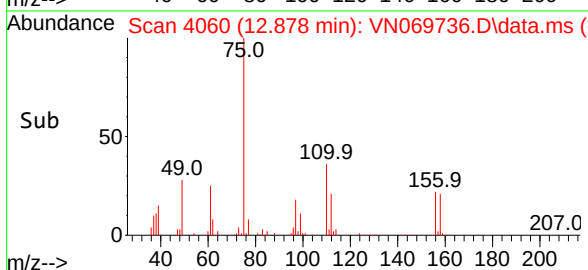
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021

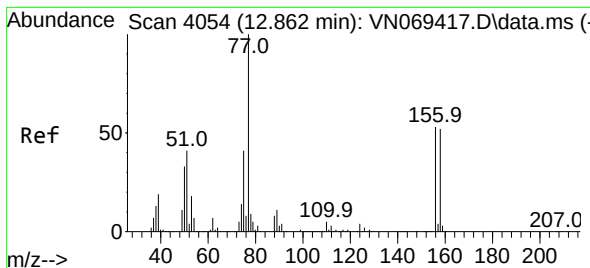


#76
1,2,3-Trichloropropane
Concen: 17.183 ug/l m
RT: 12.878 min Scan# 4060
Delta R.T. -0.002 min
Lab File: VN069736.D
Acq: 3 Dec 2021 23:43



Tgt Ion: 75 Resp: 318864
Ion Ratio Lower Upper
75 100
77 176.1 82.6 247.8





#77

Bromobenzene

Concen: 18.470 ug/l

RT: 12.860 min Scan# 4054

Delta R.T. -0.002 min

Lab File: VN069736.D

Acq: 3 Dec 2021 23:43

Instrument :

MSVOA_N

ClientSampleId :

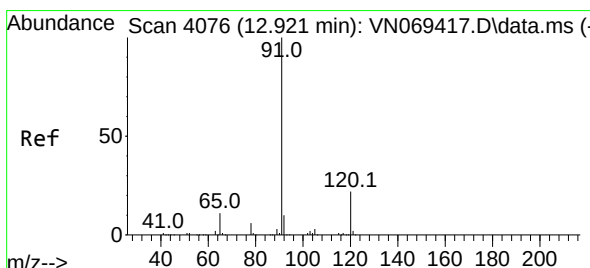
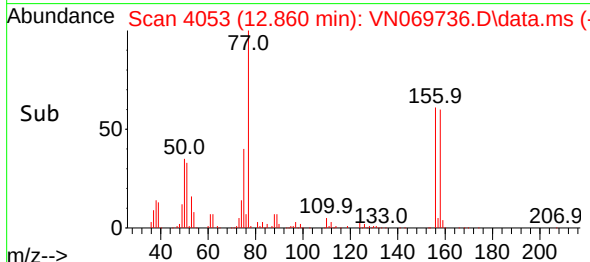
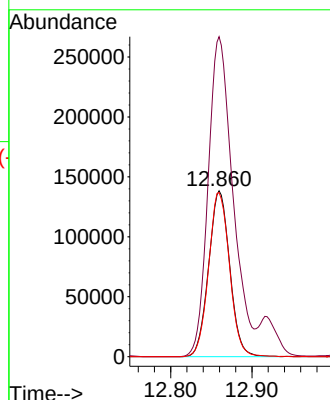
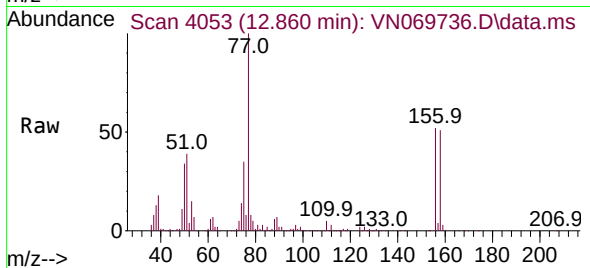
VN1203WBSD02

Tgt Ion:156 Resp: 249782
 Ion Ratio Lower Upper
 156 100
 77 224.8 90.6 271.8
 158 98.3 48.9 146.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/04/2021
 Supervised By :Mahesh Dadoda 12/06/2021



#78

n-propylbenzene

Concen: 18.869 ug/l

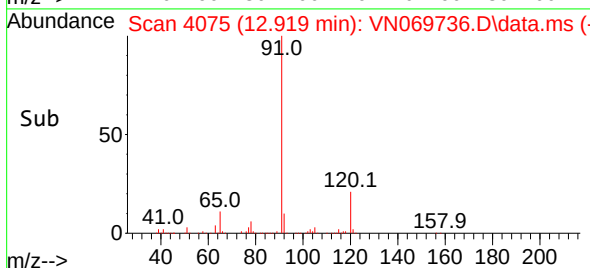
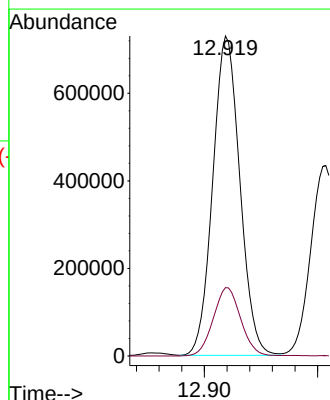
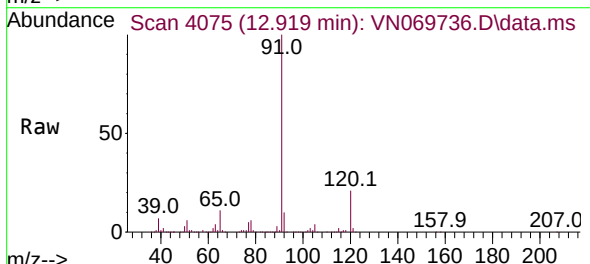
RT: 12.919 min Scan# 4075

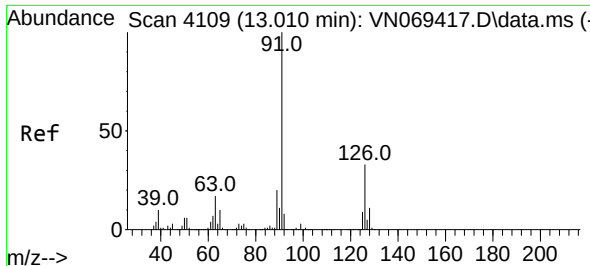
Delta R.T. -0.002 min

Lab File: VN069736.D

Acq: 3 Dec 2021 23:43

Tgt Ion: 91 Resp: 1208889
 Ion Ratio Lower Upper
 91 100
 120 21.7 11.9 35.9





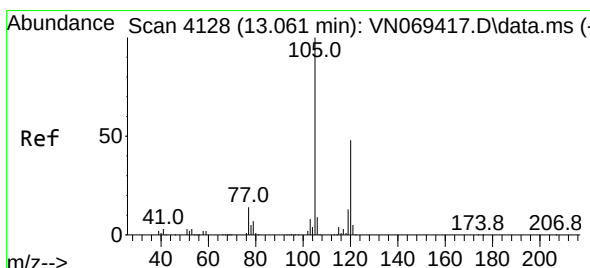
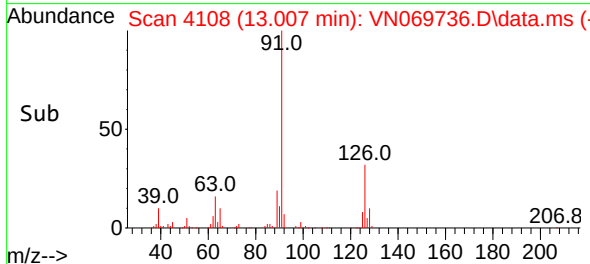
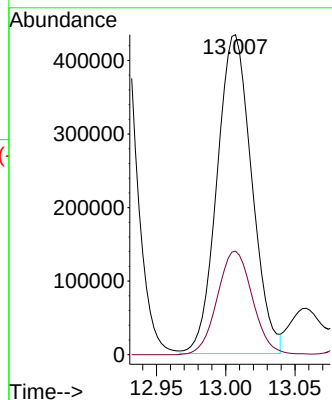
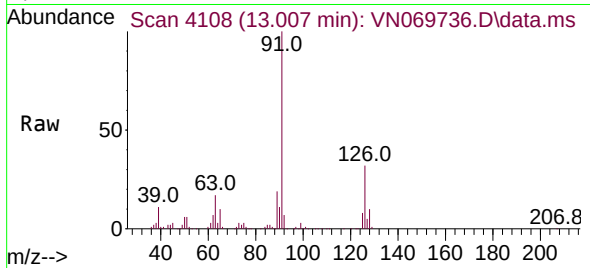
#79
2-Chlorotoluene
Concen: 18.696 ug/l
RT: 13.007 min Scan# 4109
Delta R.T. -0.003 min
Lab File: VN069736.D
Acq: 3 Dec 2021 23:43

Instrument :
MSVOA_N
ClientSampleId :
VN1203WBSD02

Tgt Ion: 91 Resp: 75684
Ion Ratio Lower Upper
91 100
126 32.9 18.3 54.8

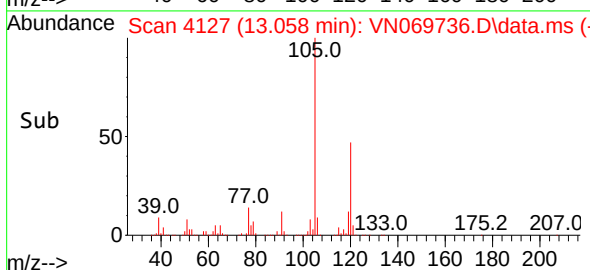
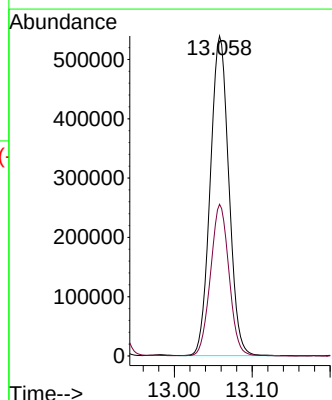
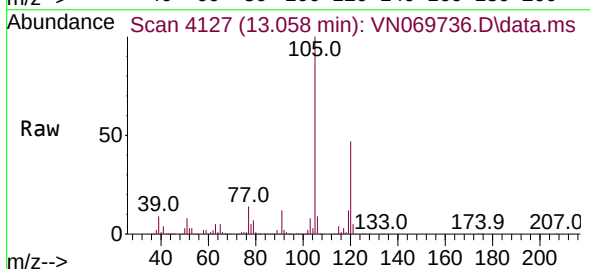
Manual Integrations
APPROVED

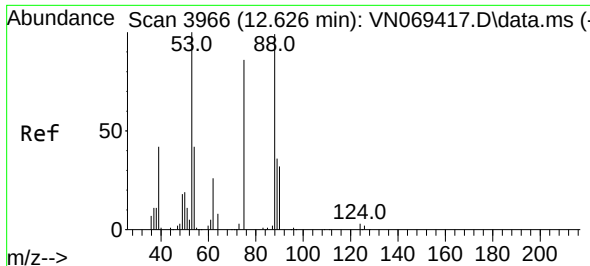
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021



#80
1,3,5-Trimethylbenzene
Concen: 19.229 ug/l
RT: 13.058 min Scan# 4127
Delta R.T. -0.003 min
Lab File: VN069736.D
Acq: 3 Dec 2021 23:43

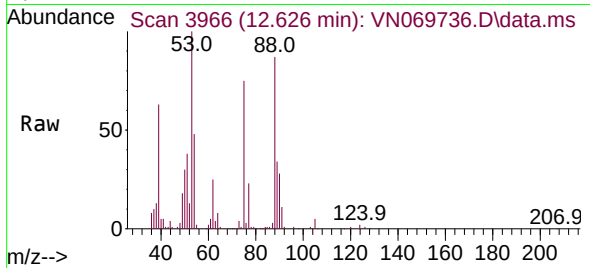
Tgt Ion:105 Resp: 891092
Ion Ratio Lower Upper
105 100
120 47.2 24.6 73.6





#81
trans-1,4-Dichloro-2-butene
Concen: 16.340 ug/l
RT: 12.626 min Scan# 3966
Delta R.T. 0.000 min
Lab File: VN069736.D
Acq: 3 Dec 2021 23:43

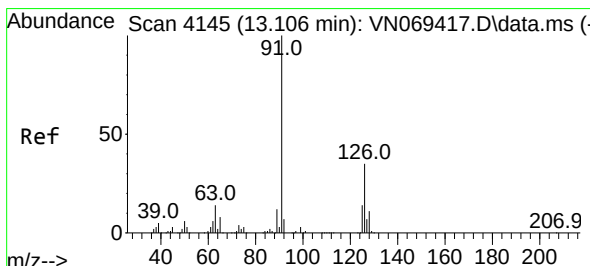
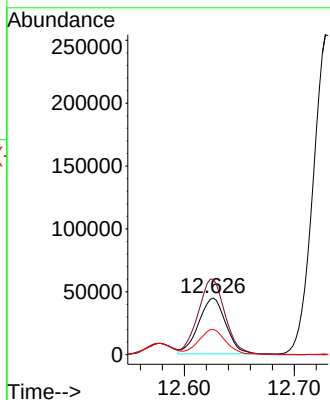
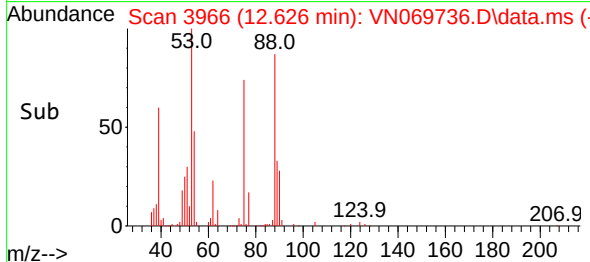
Instrument :
MSVOA_N
ClientSampleId :
VN1203WBSD02



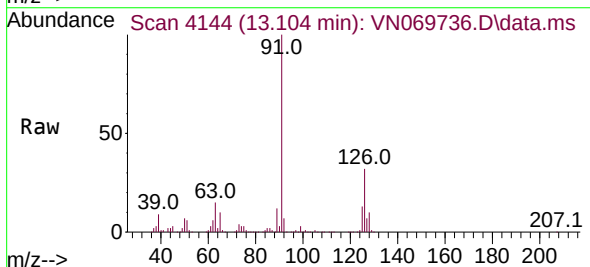
Tgt Ion: 75 Resp: 75770
Ion Ratio Lower Upper
75 100
53 137.8 90.5 135.7
89 45.8 38.2 57.4

Manual Integrations
APPROVED

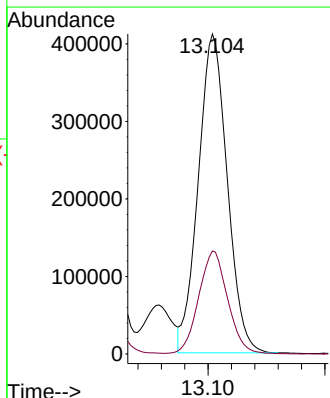
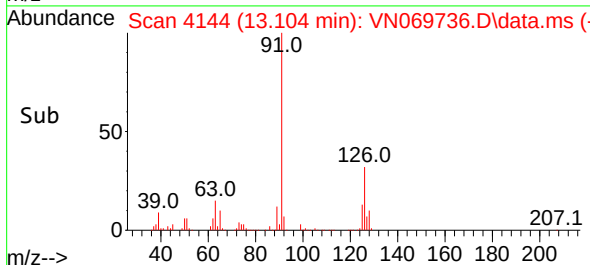
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021

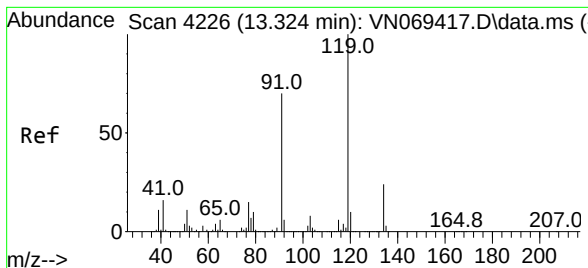


#82
4-Chlorotoluene
Concen: 18.574 ug/l
RT: 13.104 min Scan# 4144
Delta R.T. -0.003 min
Lab File: VN069736.D
Acq: 3 Dec 2021 23:43



Tgt Ion: 91 Resp: 707145
Ion Ratio Lower Upper
91 100
126 32.4 18.2 54.6





#83

tert-Butylbenzene

Concen: 18.577 ug/l

RT: 13.321 min Scan# 41

Delta R.T. -0.003 min

Lab File: VN069736.D

Acq: 3 Dec 2021 23:43

Instrument :

MSVOA_N

ClientSampleId :

VN1203WBSD02

Tgt Ion:119 Resp: 762250

Ion Ratio Lower Upper

119 100

91 70.0 31.5 94.5

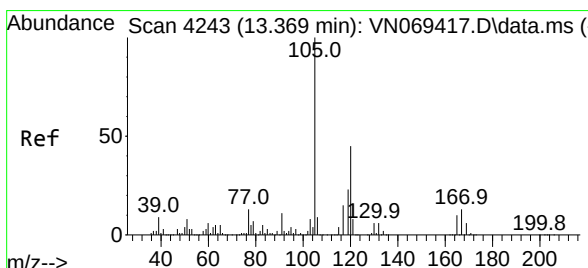
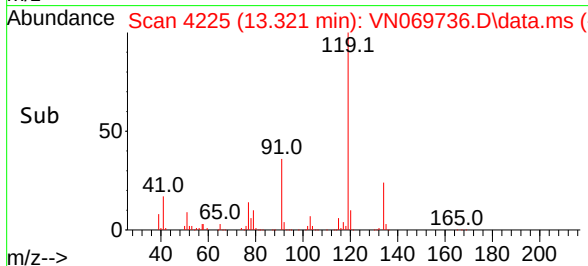
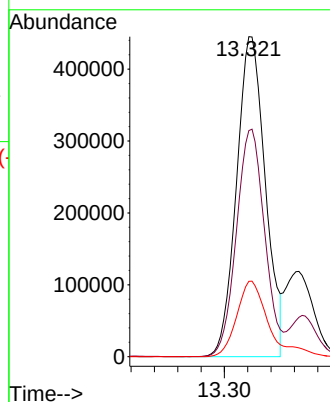
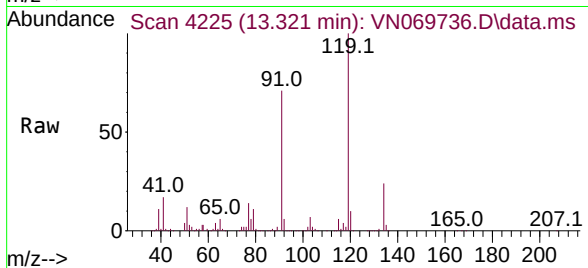
134 26.1 12.4 37.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/04/2021

Supervised By :Mahesh Dadoda 12/06/2021



#84

1,2,4-Trimethylbenzene

Concen: 19.319 ug/l

RT: 13.366 min Scan# 4242

Delta R.T. -0.003 min

Lab File: VN069736.D

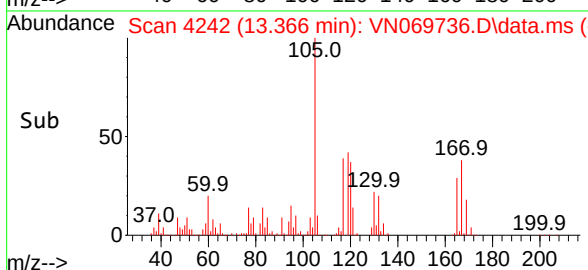
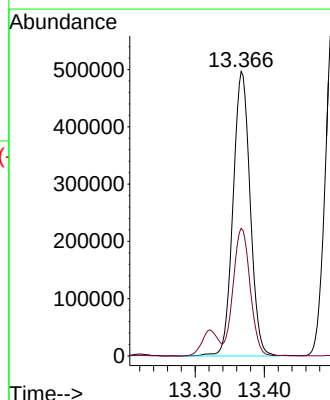
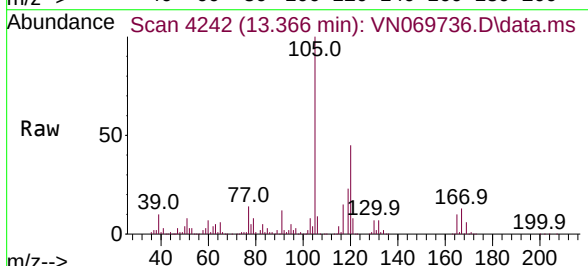
Acq: 3 Dec 2021 23:43

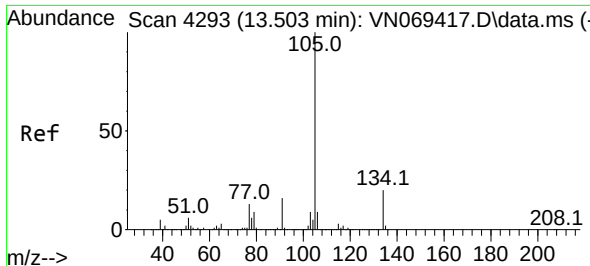
Tgt Ion:105 Resp: 852618

Ion Ratio Lower Upper

105 100

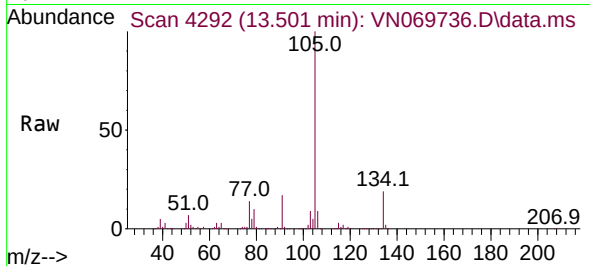
120 44.6 22.8 68.4





#85
 sec-Butylbenzene
 Concen: 18.649 ug/l
 RT: 13.501 min Scan# 4292
 Delta R.T. -0.003 min
 Lab File: VN069736.D
 Acq: 3 Dec 2021 23:43

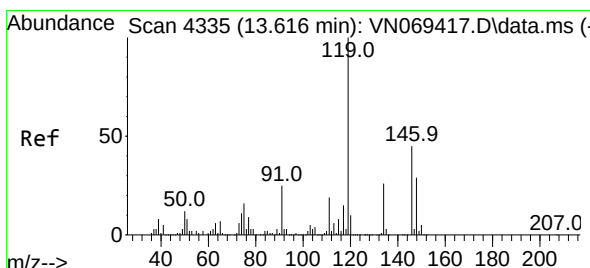
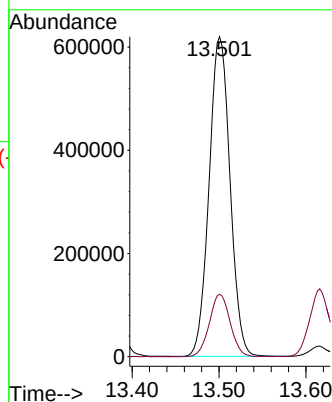
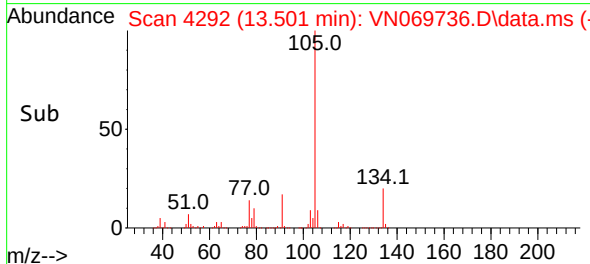
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1203WBSD02



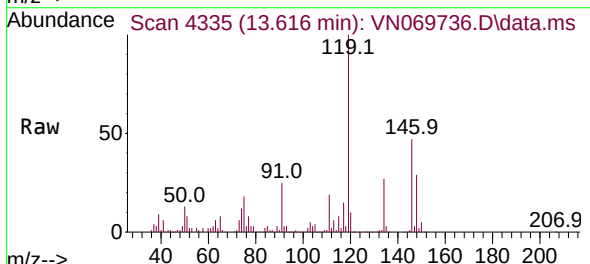
Tgt Ion:105 Resp: 103793
 Ion Ratio Lower Upper
 105 100
 134 19.5 10.4 31.1

Manual Integrations
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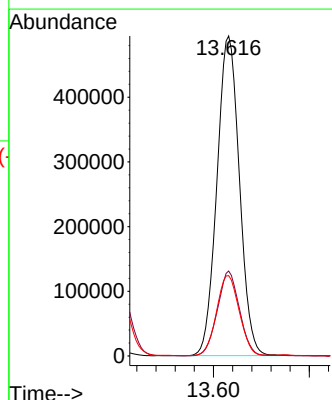
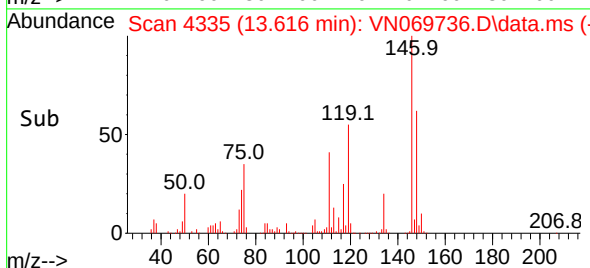
Reviewed By :John Carlone 12/04/2021
 Supervised By :Mahesh Dadoda 12/06/2021

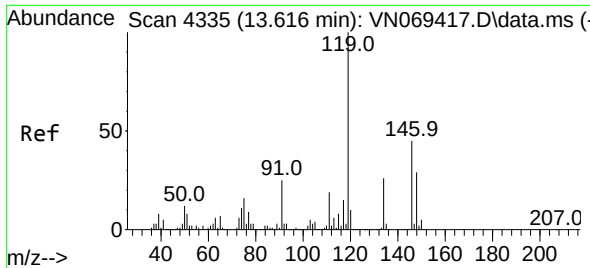


#86
 p-Isopropyltoluene
 Concen: 18.453 ug/l
 RT: 13.616 min Scan# 4335
 Delta R.T. 0.000 min
 Lab File: VN069736.D
 Acq: 3 Dec 2021 23:43



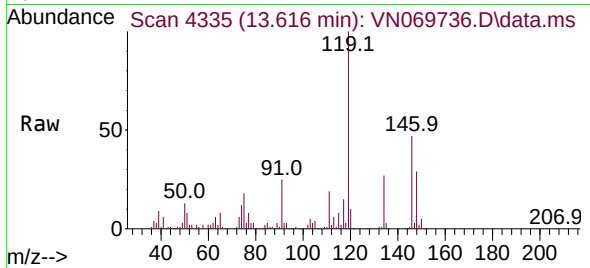
Tgt Ion:119 Resp: 802822
 Ion Ratio Lower Upper
 119 100
 134 26.0 13.6 40.7
 91 25.4 11.4 34.1





#87
1,3-Dichlorobenzene
Concen: 18.432 ug/l
RT: 13.616 min Scan# 4335
Delta R.T. 0.000 min
Lab File: VN069736.D
Acq: 3 Dec 2021 23:43

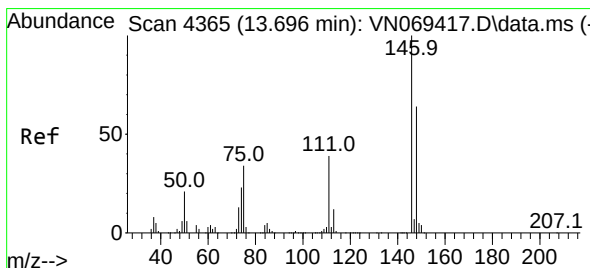
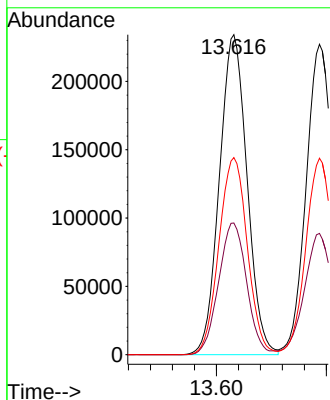
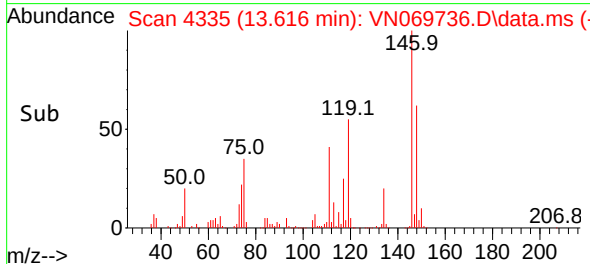
Instrument :
MSVOA_N
ClientSampleId :
VN1203WBSD02



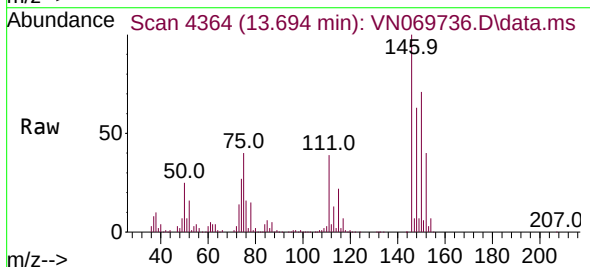
Tgt Ion:146 Resp: 409491
Ion Ratio Lower Upper
146 100
111 41.6 18.6 55.6
148 63.4 31.6 95.0

Manual Integrations
APPROVED

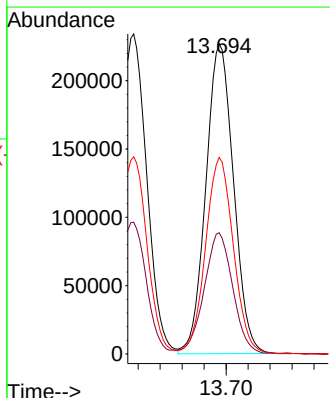
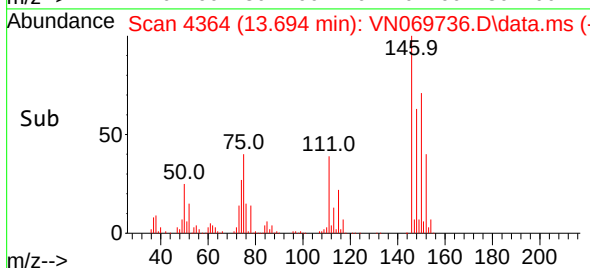
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021

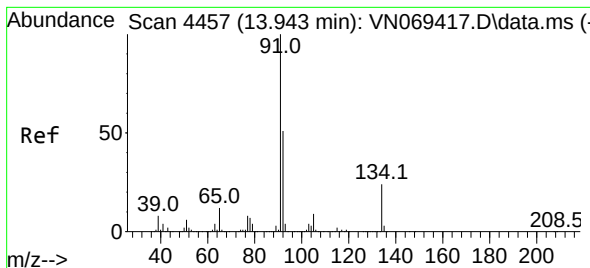


#88
1,4-Dichlorobenzene
Concen: 18.183 ug/l
RT: 13.694 min Scan# 4364
Delta R.T. -0.003 min
Lab File: VN069736.D
Acq: 3 Dec 2021 23:43



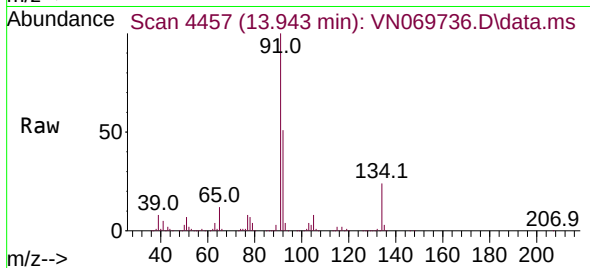
Tgt Ion:146 Resp: 396991
Ion Ratio Lower Upper
146 100
111 40.4 18.3 54.8
148 63.8 31.8 95.4





#89
n-Butylbenzene
Concen: 17.206 ug/l
RT: 13.943 min Scan# 4457
Delta R.T. 0.000 min
Lab File: VN069736.D
Acq: 3 Dec 2021 23:43

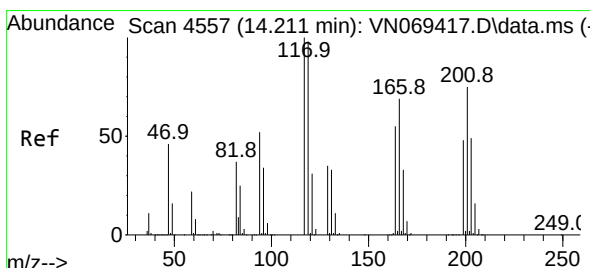
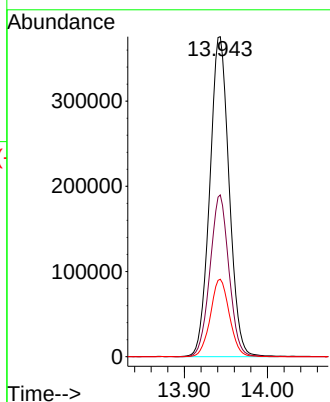
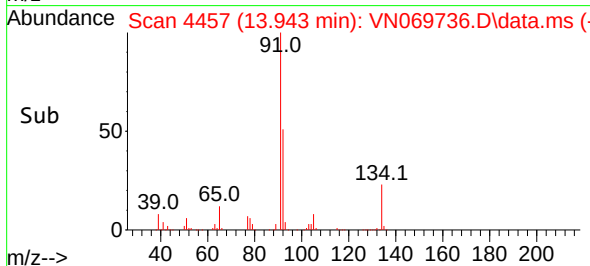
Instrument :
MSVOA_N
ClientSampleId :
VN1203WBSD02



Tgt Ion: 91 Resp: 607224
Ion Ratio Lower Upper
91 100
92 49.7 25.4 76.0
134 23.8 13.6 40.8

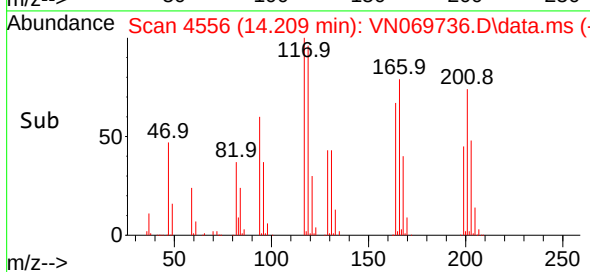
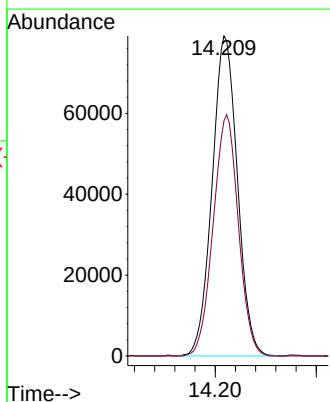
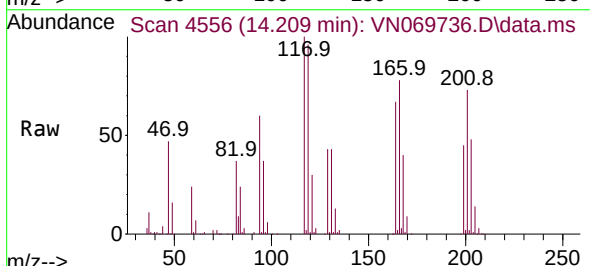
Manual Integrations
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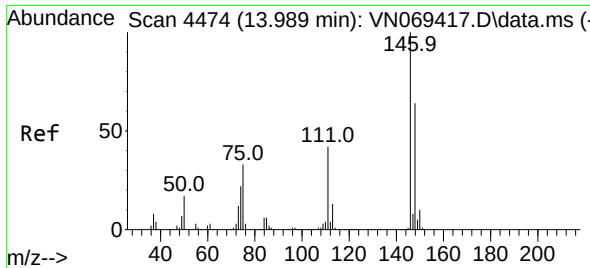
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021



#90
Hexachloroethane
Concen: 17.998 ug/l
RT: 14.209 min Scan# 4556
Delta R.T. -0.003 min
Lab File: VN069736.D
Acq: 3 Dec 2021 23:43

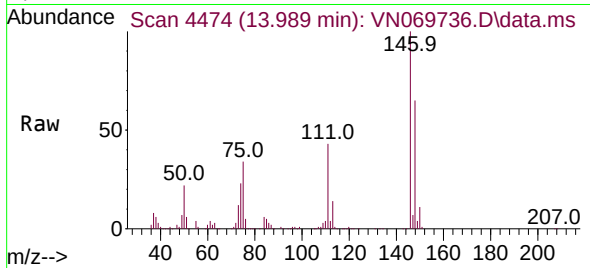
Tgt Ion:117 Resp: 137469
Ion Ratio Lower Upper
117 100
201 74.8 43.9 131.6





#91
1,2-Dichlorobenzene
Concen: 18.557 ug/l
RT: 13.989 min Scan# 4474
Delta R.T. 0.000 min
Lab File: VN069736.D
Acq: 3 Dec 2021 23:43

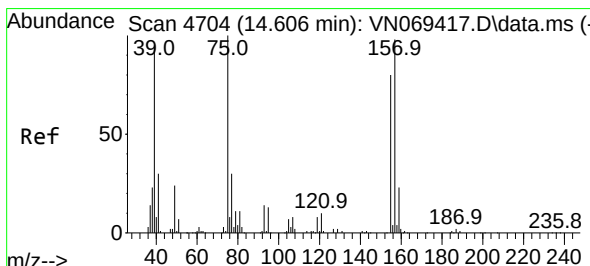
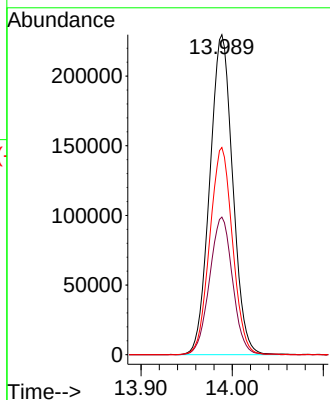
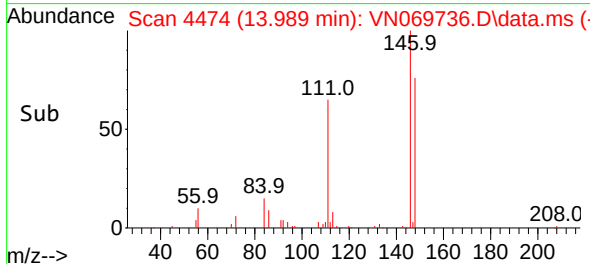
Instrument :
MSVOA_N
ClientSampleId :
VN1203WBSD02



Tgt Ion:146 Resp: 401698
Ion Ratio Lower Upper
146 100
111 43.0 19.1 57.3
148 64.5 32.1 96.3

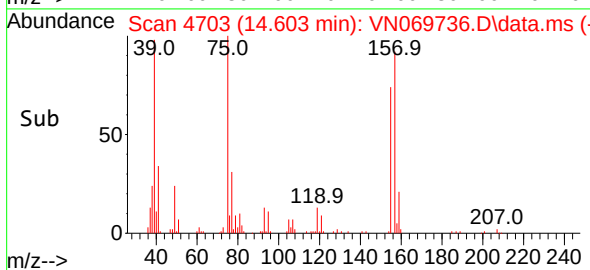
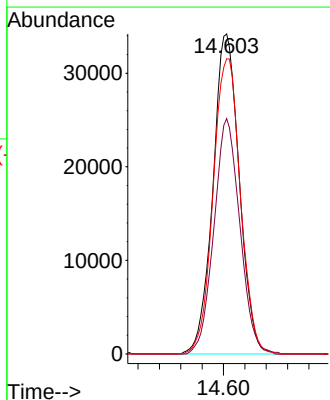
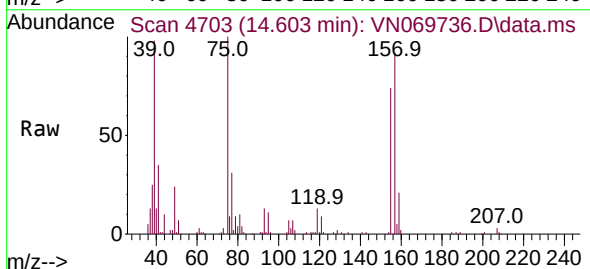
Manual Integrations
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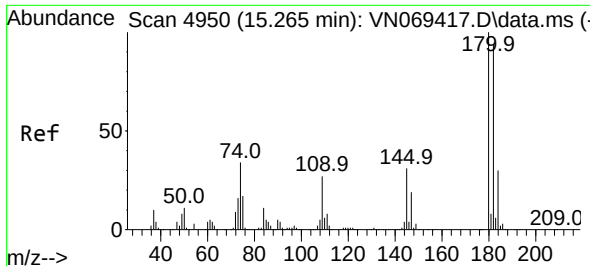
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021



#92
1,2-Dibromo-3-Chloropropane
Concen: 16.284 ug/l
RT: 14.603 min Scan# 4703
Delta R.T. 0.000 min
Lab File: VN069736.D
Acq: 3 Dec 2021 23:43

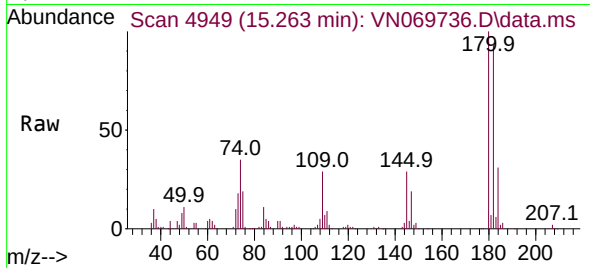
Tgt Ion: 75 Resp: 58584
Ion Ratio Lower Upper
75 100
155 72.5 46.9 140.7
157 95.3 60.6 181.7





#93
 1,2,4-Trichlorobenzene
 Concen: 16.954 ug/l
 RT: 15.263 min Scan# 4950
 Delta R.T. -0.002 min
 Lab File: VN069736.D
 Acq: 3 Dec 2021 23:43

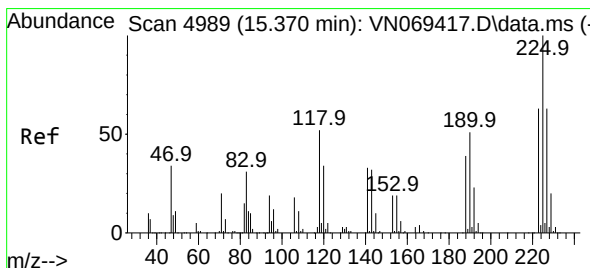
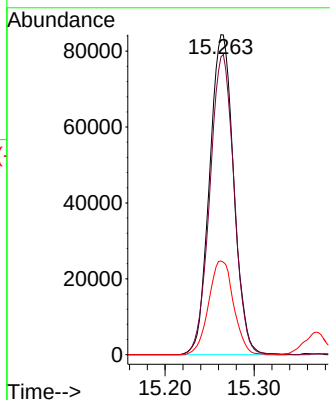
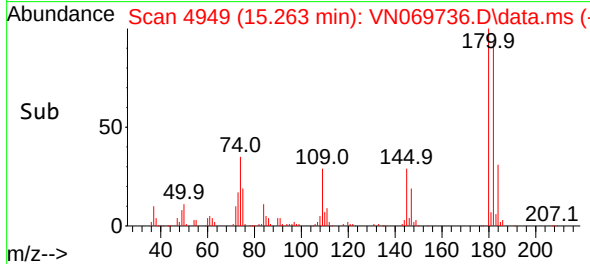
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1203WBSD02



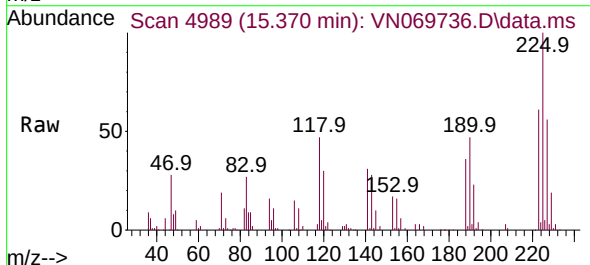
Tgt Ion:180 Resp: 158572
 Ion Ratio Lower Upper
 180 100
 182 94.0 48.3 144.9
 145 30.3 14.5 43.5

Manual Integrations
 APPROVED

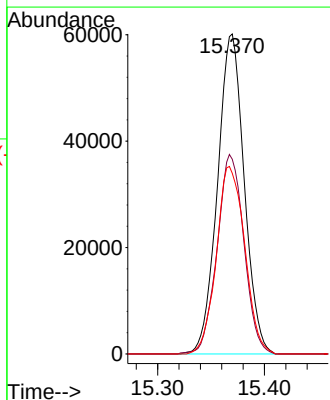
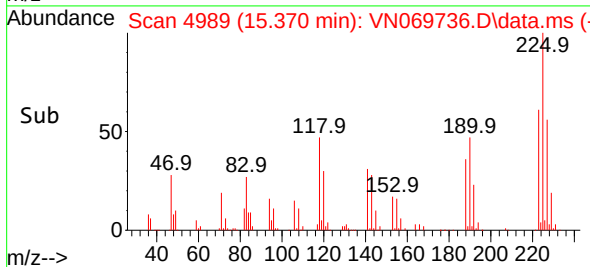
Reviewed By :John Carlone 12/04/2021
 Supervised By :Mahesh Dadoda 12/06/2021

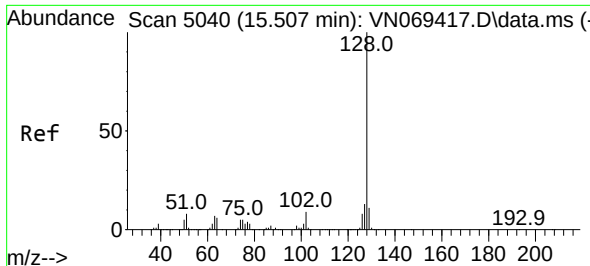


#94
 Hexachlorobutadiene
 Concen: 18.209 ug/l
 RT: 15.370 min Scan# 4989
 Delta R.T. 0.000 min
 Lab File: VN069736.D
 Acq: 3 Dec 2021 23:43



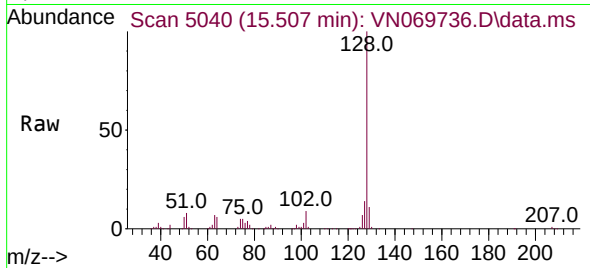
Tgt Ion:225 Resp: 104464
 Ion Ratio Lower Upper
 225 100
 223 62.6 31.9 95.7
 227 62.1 32.1 96.3





#95
Naphthalene
Concen: 15.849 ug/l
RT: 15.507 min Scan# 5040
Delta R.T. -0.000 min
Lab File: VN069736.D
Acq: 3 Dec 2021 23:43

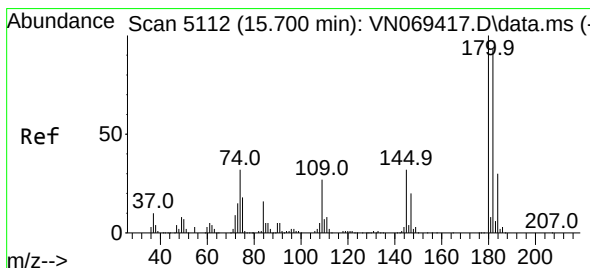
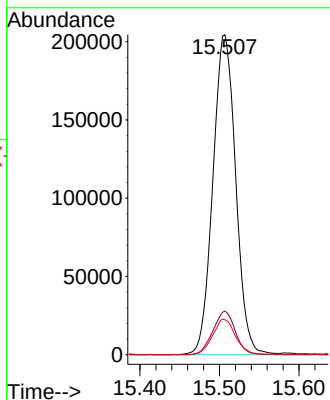
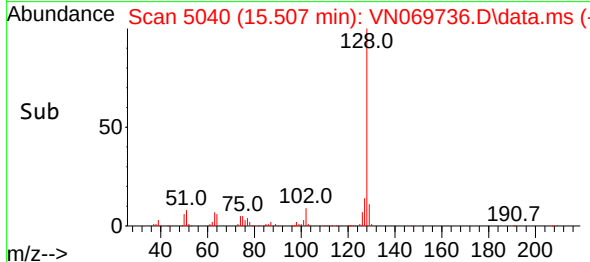
Instrument :
MSVOA_N
ClientSampleId :
VN1203WBSD02



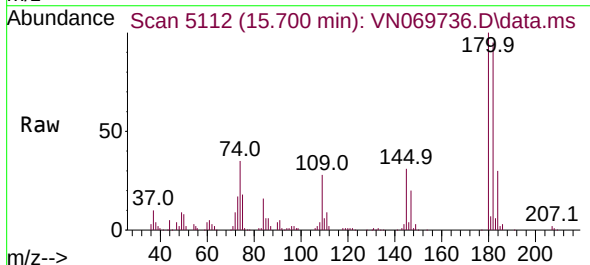
Tgt Ion:128 Resp: 407689
Ion Ratio Lower Upper
128 100
127 13.4 10.5 15.7
129 11.1 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021



#96
1,2,3-Trichlorobenzene
Concen: 16.658 ug/l
RT: 15.700 min Scan# 5112
Delta R.T. -0.002 min
Lab File: VN069736.D
Acq: 3 Dec 2021 23:43



Tgt Ion:180 Resp: 154692
Ion Ratio Lower Upper
180 100
182 96.4 47.4 142.2
145 31.9 15.0 45.1

