

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102821\
 Data File : VN069287.D
 Acq On : 29 Oct 2021 8:09
 Operator : JC/MD
 Sample : M4338-12MSD
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-15DMSD

Quant Time: Oct 29 08:59:12 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102821W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 28 16:09:15 2021
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/01/2021
 Supervised By : Mahesh Dadoda 11/01/2021

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	207949	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	386301	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	365224	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	159608	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	147715	49.208	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	98.420%		
35) Dibromofluoromethane	8.021	113	110381	45.838	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	91.680%		
50) Toluene-d8	10.443	98	431180	44.783	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	89.560%		
62) 4-Bromofluorobenzene	12.731	95	162597	44.753	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	89.500%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.073	85	107041	44.024	ug/l	99
3) Chloromethane	2.301	50	118743	47.727	ug/l	100
4) Vinyl Chloride	2.443	62	142363	47.277	ug/l	100
5) Bromomethane	2.826	94	91924	52.576	ug/l	96
6) Chloroethane	3.001	64	97599	53.862	ug/l	99
7) Trichlorofluoromethane	3.365	101	226750	61.481	ug/l	99
8) Diethyl Ether	3.821	74	72687	55.404	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.199	101	97129	49.649	ug/l	99
10) Methyl Iodide	4.414	142	133640	46.875	ug/l	97
11) Tert butyl alcohol	5.388	59	158096	269.808	ug/l	100
12) 1,1-Dichloroethene	4.170	96	96637	51.666	ug/l	97
13) Acrolein	4.038	56	48472	366.682	ug/l	99
14) Allyl chloride	4.838	41	151717	45.852	ug/l	97
15) Acrylonitrile	5.554	53	359167	283.653	ug/l	98
16) Acetone	4.288	43	329403	257.555	ug/l	98
17) Carbon Disulfide	4.521	76	195809	39.315	ug/l	100
18) Methyl Acetate	4.856	43	177443	40.826	ug/l	97
19) Methyl tert-butyl Ether	5.618	73	409563	55.654	ug/l	100
20) Methylene Chloride	5.092	84	123072	50.169	ug/l	98
21) trans-1,2-Dichloroethene	5.594	96	104183	49.329	ug/l	96
22) Diisopropyl ether	6.498	45	382972	49.710	ug/l	96
23) Vinyl Acetate	6.433	43	949749m	157.708	ug/l	
24) 1,1-Dichloroethane	6.385	63	217129	54.905	ug/l	100
25) 2-Butanone	7.337	43	502028	256.082	ug/l	99
26) 2,2-Dichloropropane	7.324	77	59119	15.807	ug/l	89
27) cis-1,2-Dichloroethene	7.327	96	133323	53.426	ug/l	93
28) Bromochloromethane	7.659	49	95264	48.080	ug/l	96
29) Tetrahydrofuran	7.689	42	326209	258.821	ug/l	96
30) Chloroform	7.817	83	245258	57.050	ug/l	97
31) Cyclohexane	8.094	56	183995	45.798	ug/l	96
32) 1,1,1-Trichloroethane	8.013	97	210383	49.996	ug/l	99
36) 1,1-Dichloropropene	8.222	75	159582	47.917	ug/l	99
37) Ethyl Acetate	7.415	43	131599	34.676	ug/l	99
38) Carbon Tetrachloride	8.206	117	172775	45.574	ug/l	99
39) Methylcyclohexane	9.459	83	177196	42.971	ug/l	97
40) Benzene	8.461	78	510366	50.949	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.640	41	99478	53.170	ug/l	96
42) 1,2-Dichloroethane	8.531	62	195913	51.971	ug/l	100
43) Isopropyl Acetate	8.563	43	263336	39.881	ug/l	98
44) Trichloroethene	9.217	130	123775	49.070	ug/l	97
45) 1,2-Dichloropropane	9.491	63	132260	51.861	ug/l	99
46) Dibromomethane	9.577	93	95076	52.473	ug/l	99
47) Bromodichloromethane	9.762	83	184532	47.615	ug/l	99
48) Methyl methacrylate	9.561	41	142956	49.910	ug/l	89
49) 1,4-Dioxane	9.571	88	67453	973.229	ug/l	95
51) 4-Methyl-2-Pentanone	10.330	43	1060358	246.226	ug/l	99
52) Toluene	10.505	92	334602	50.933	ug/l	98
53) t-1,3-Dichloropropene	10.719	75	166471	38.293	ug/l	99
54) cis-1,3-Dichloropropene	10.191	75	173191	38.274	ug/l	98
55) 1,1,2-Trichloroethane	10.899	97	139789	53.039	ug/l	98
56) Ethyl methacrylate	10.762	69	228742	47.331	ug/l	98
57) 1,3-Dichloropropane	11.044	76	233379	53.082	ug/l	100
59) 2-Hexanone	11.087	43	797342	242.297	ug/l	99
60) Dibromochloromethane	11.240	129	138817	46.411	ug/l	100
61) 1,2-Dibromoethane	11.347	107	146210	48.604	ug/l	98
64) Tetrachloroethene	10.977	164	111148	47.645	ug/l	97
65) Chlorobenzene	11.771	112	360086	50.100	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.840	131	137579	49.541	ug/l	100
67) Ethyl Benzene	11.846	91	659578	50.374	ug/l	99
68) m/p-Xylenes	11.953	106	495371	101.565	ug/l	99
69) o-Xylene	12.283	106	252963	51.532	ug/l	99
70) Styrene	12.296	104	411087	46.193	ug/l	100
71) Bromoform	12.460	173	100277	44.620	ug/l #	99
73) Isopropylbenzene	12.581	105	657908	49.038	ug/l	100
74) N-amyl acetate	12.387	43	180974	34.242	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.827	83	226776	52.951	ug/l	100
76) 1,2,3-Trichloropropane	12.881	75	197745m	47.106	ug/l	
77) Bromobenzene	12.862	156	154661	49.141	ug/l	97
78) n-propylbenzene	12.921	91	726751	47.856	ug/l	99
79) 2-Chlorotoluene	13.010	91	462789	48.387	ug/l	100
80) 1,3,5-Trimethylbenzene	13.061	105	542794	48.734	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.626	75	42830	31.727	ug/l	90
82) 4-Chlorotoluene	13.106	91	440954	46.745	ug/l	100
83) tert-Butylbenzene	13.323	119	480802	49.478	ug/l	99
84) 1,2,4-Trimethylbenzene	13.369	105	531393	48.781	ug/l	100
85) sec-Butylbenzene	13.503	105	644913	47.900	ug/l	100
86) p-Isopropyltoluene	13.616	119	508702	47.376	ug/l	100
87) 1,3-Dichlorobenzene	13.616	146	261036	47.406	ug/l	99
88) 1,4-Dichlorobenzene	13.696	146	252402	47.211	ug/l	99
89) n-Butylbenzene	13.943	91	391214	43.023	ug/l	99
90) Hexachloroethane	14.211	117	95729	45.219	ug/l	99
91) 1,2-Dichlorobenzene	13.989	146	260949	48.643	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.605	75	42809	48.268	ug/l	99
93) 1,2,4-Trichlorobenzene	15.265	180	112980	43.904	ug/l	99
94) Hexachlorobutadiene	15.370	225	55033	41.688	ug/l	99
95) Naphthalene	15.507	128	391224	49.113	ug/l	99
96) 1,2,3-Trichlorobenzene	15.702	180	120064	47.535	ug/l	98

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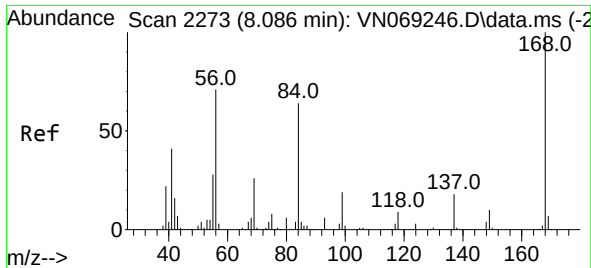
Manual Integrations
APPROVED

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

(#)=qualifier out of range (m)=manual integration (+)=signals summed						



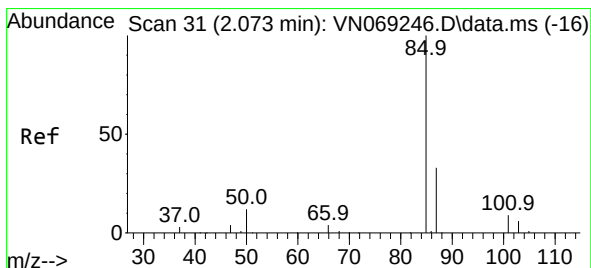
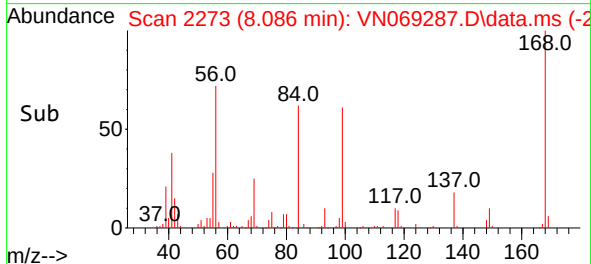
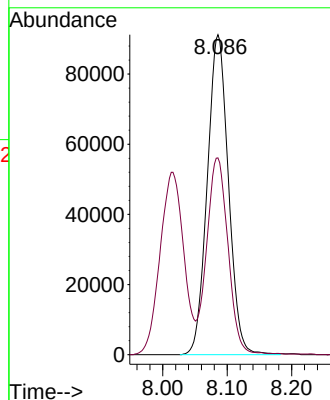
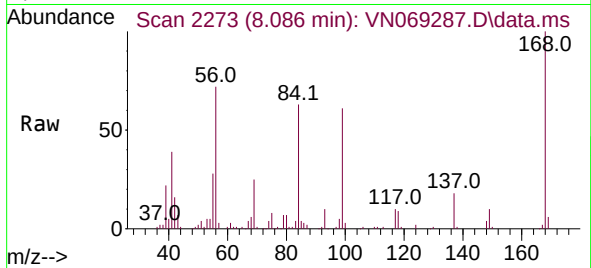
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN069287.D
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Tgt Ion:168 Resp: 207949
Ion Ratio Lower Upper
168 100
99 61.1 48.9 73.3

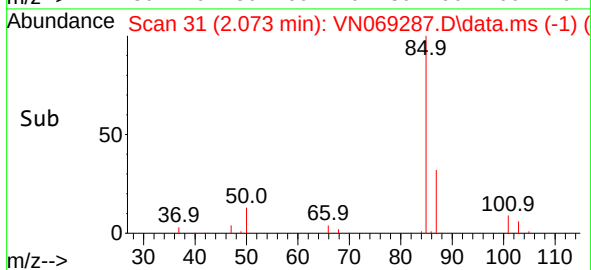
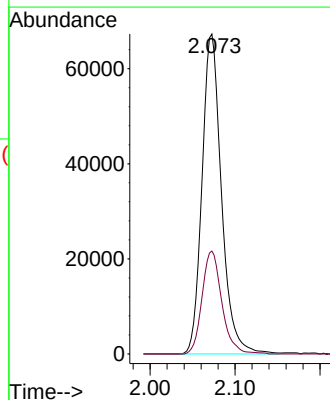
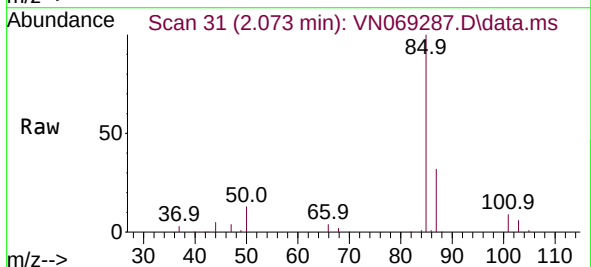
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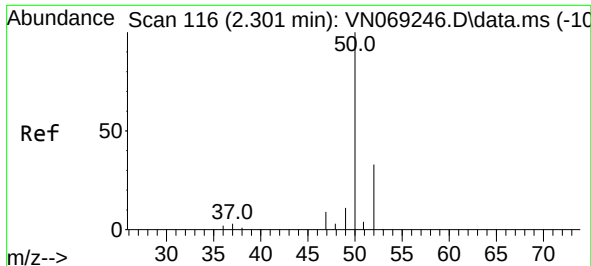
Reviewed By :John Carlone 11/01/2021
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#2
Dichlorodifluoromethane
Concen: 44.024 ug/l
RT: 2.073 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN069287.D
Acq: 29 Oct 2021 8:09

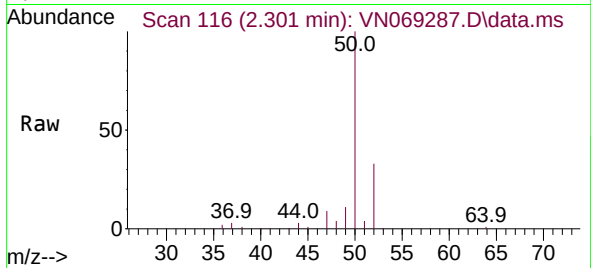
Tgt Ion: 85 Resp: 107041
Ion Ratio Lower Upper
85 100
87 32.2 16.3 48.8





#3
Chloromethane
Concen: 47.727 ug/l
RT: 2.301 min Scan# 116
Delta R.T. -0.000 min
Lab File: VN069287.D
Acq: 29 Oct 2021 8:09

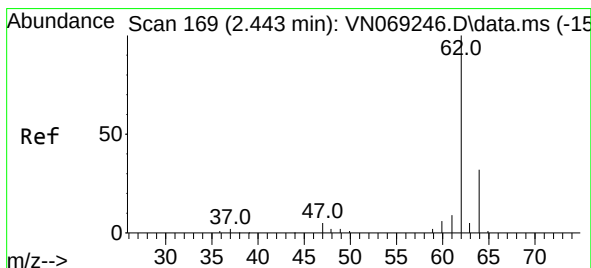
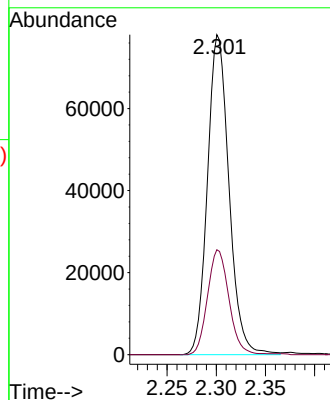
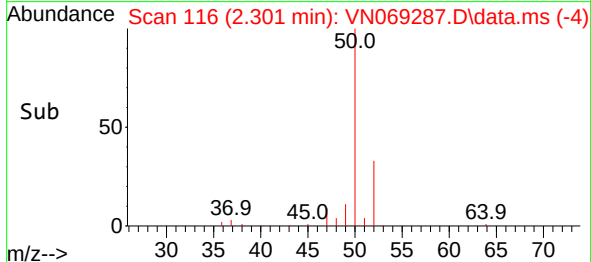
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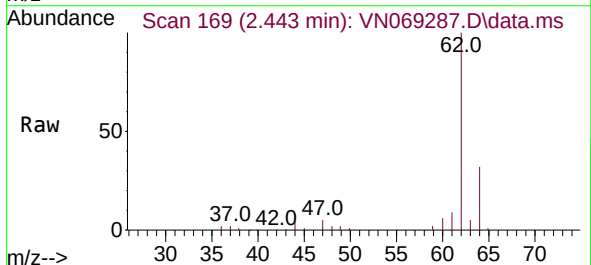
Tgt Ion: 50 Resp: 11874
Ion Ratio Lower Upper
50 100
52 32.8 26.3 39.5

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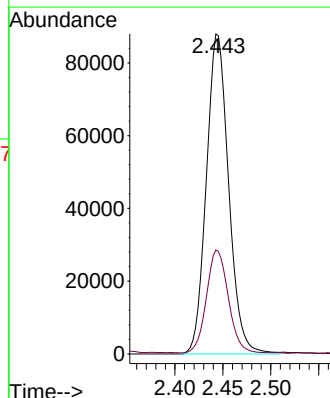
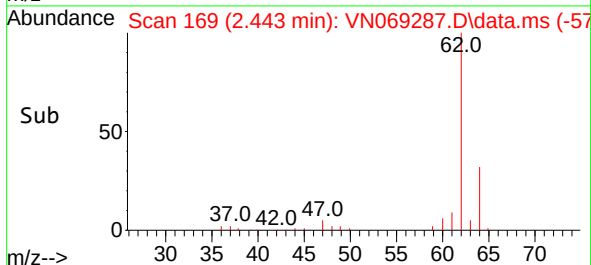
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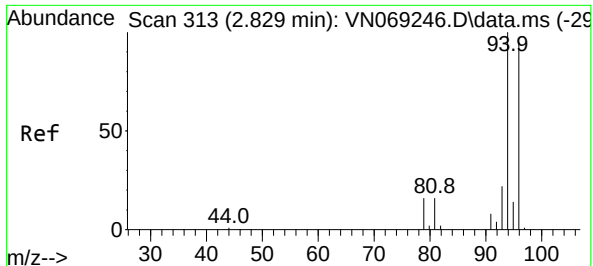


#4
Vinyl Chloride
Concen: 47.277 ug/l
RT: 2.443 min Scan# 169
Delta R.T. -0.000 min
Lab File: VN069287.D
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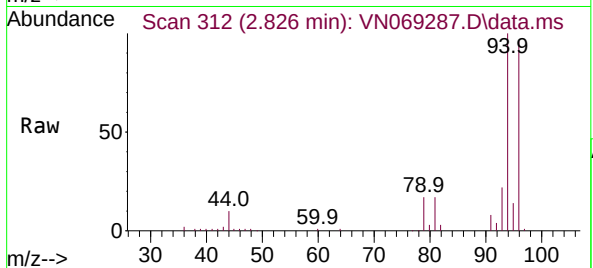
Tgt Ion: 62 Resp: 142363
Ion Ratio Lower Upper
62 100
64 32.1 25.7 38.5





#5
Bromomethane
Concen: 52.576 ug/l
RT: 2.826 min Scan# 313
Delta R.T. -0.003 min
Lab File: VN069287.D
Acq: 29 Oct 2021 8:09

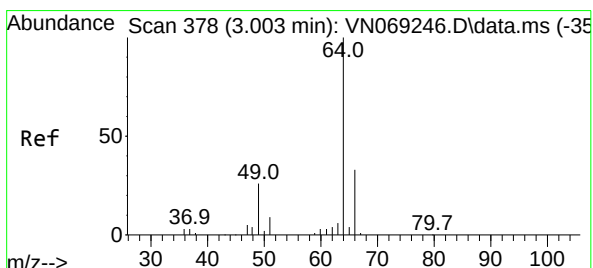
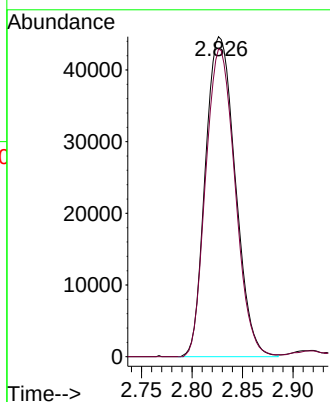
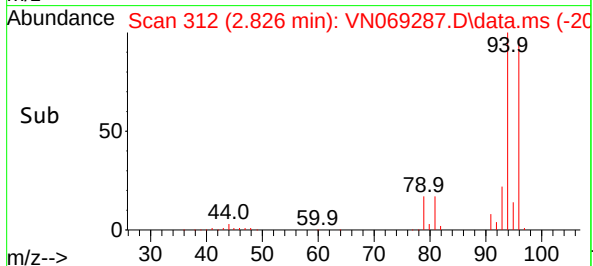
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Tgt Ion: 94 Resp: 91924
Ion Ratio Lower Upper
94 100
96 96.2 74.2 111.4

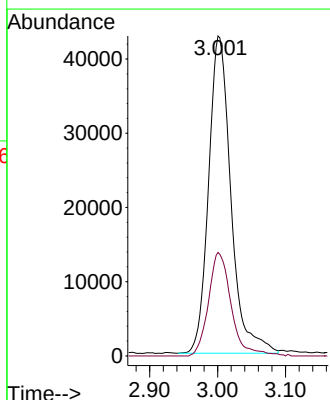
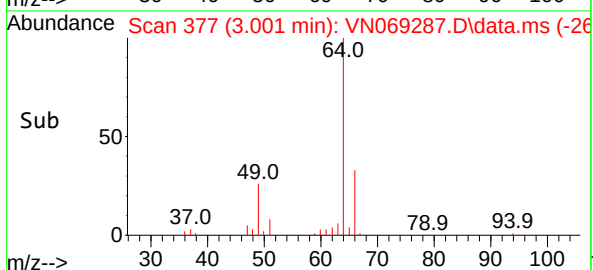
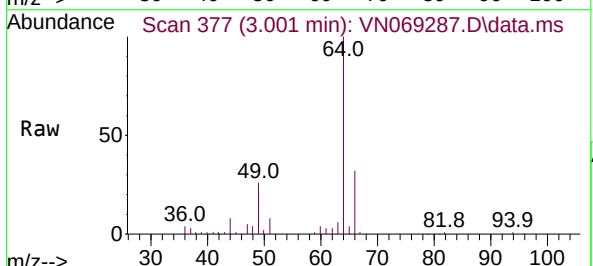
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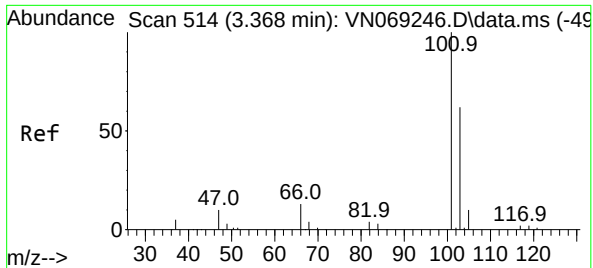
Reviewed By :John Carlone 11/01/2021
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#6
Chloroethane
Concen: 53.862 ug/l
RT: 3.001 min Scan# 377
Delta R.T. -0.002 min
Lab File: VN069287.D
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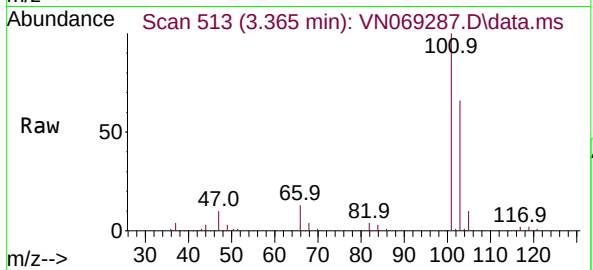
Tgt Ion: 64 Resp: 97599
Ion Ratio Lower Upper
64 100
66 32.6 25.6 38.4





#7
Trichlorofluoromethane
Concen: 61.481 ug/l
RT: 3.365 min Scan# 514
Delta R.T. -0.003 min
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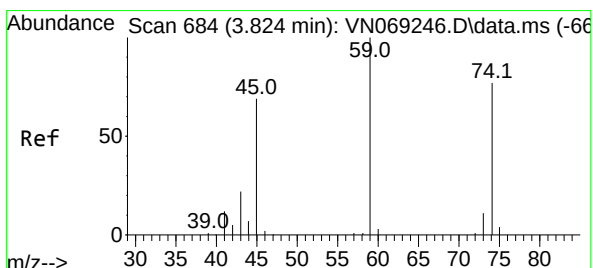
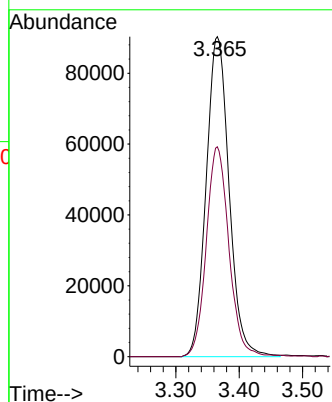
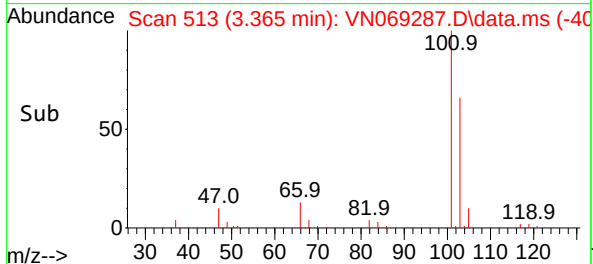
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Tgt Ion:101 Resp: 226750
Ion Ratio Lower Upper
101 100
103 65.6 51.7 77.5

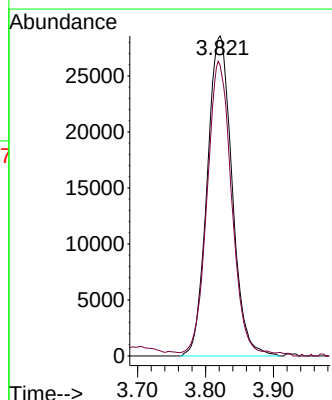
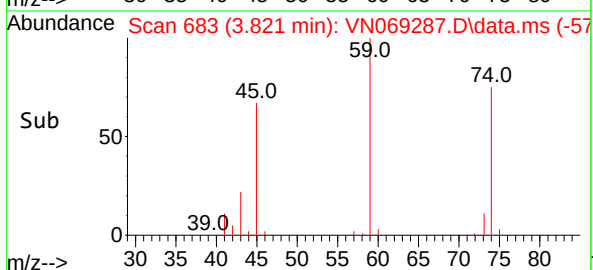
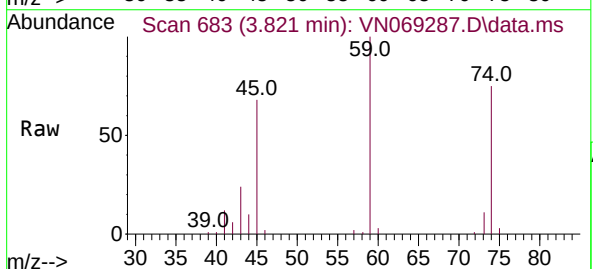
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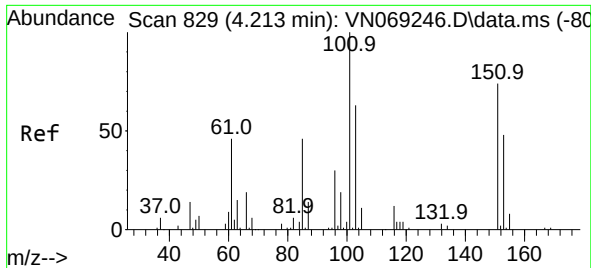
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#8
Diethyl Ether
Concen: 55.404 ug/l
RT: 3.821 min Scan# 683
Delta R.T. -0.003 min
Lab File: VN069287.D
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Tgt Ion: 74 Resp: 72687
Ion Ratio Lower Upper
74 100
45 87.8 47.0 141.2





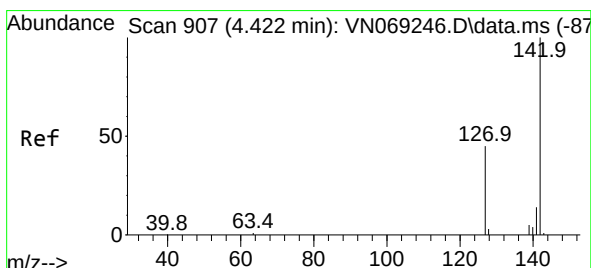
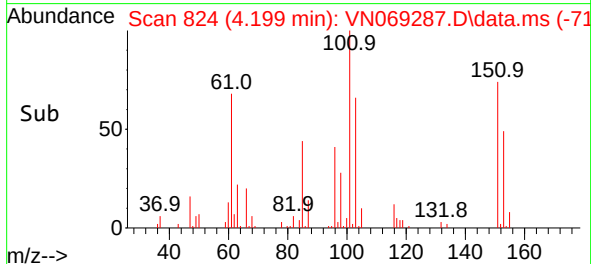
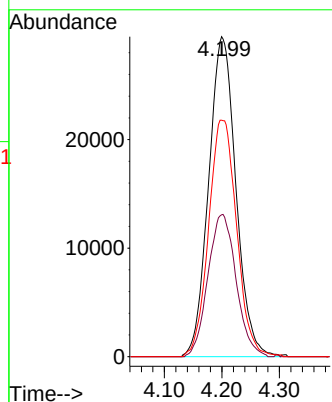
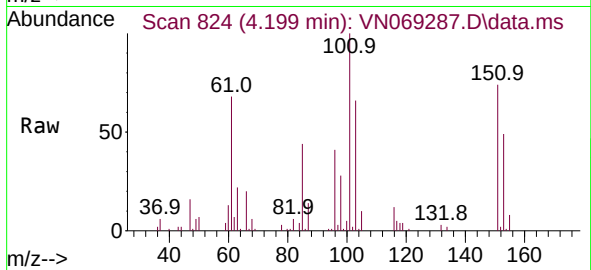
#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.649 ug/l
RT: 4.199 min Scan# 81
Delta R.T. -0.014 min
Lab File: VN069287.D
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ClientSampleId :
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Tgt Ion:101 Resp: 97129
Ion Ratio Lower Upper
101 100
85 46.0 37.2 55.8
151 76.0 61.1 91.7

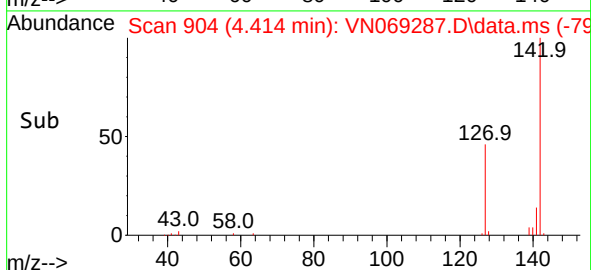
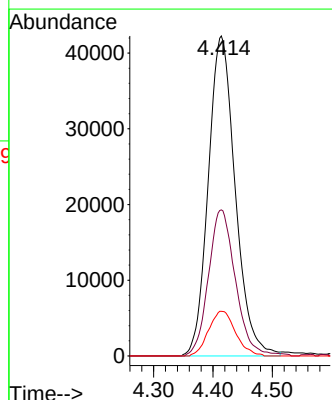
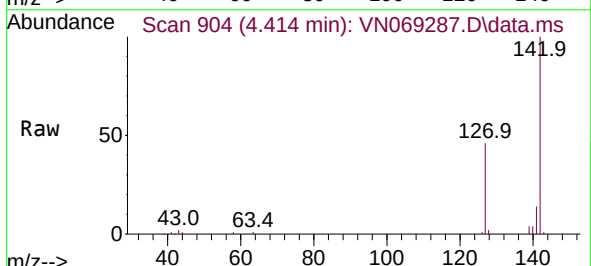
Manual Integrations
APPROVED

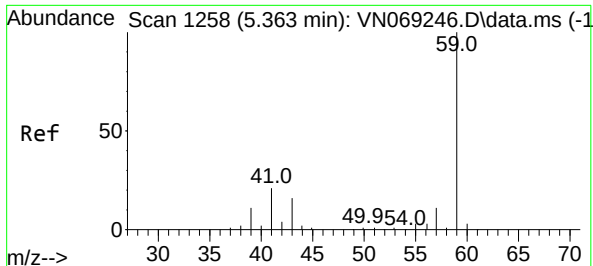
Reviewed By :John Carlone 11/01/2021
Supervised By :Mahesh Dadoda 11/01/2021



#10
Methyl Iodide
Concen: 46.875 ug/l
RT: 4.414 min Scan# 904
Delta R.T. -0.008 min
Lab File: VN069287.D
Acq: 29 Oct 2021 8:09

Tgt Ion:142 Resp: 133640
Ion Ratio Lower Upper
142 100
127 45.7 34.4 51.6
141 14.0 11.3 16.9





#11

Tert butyl alcohol

Concen: 269.808 ug/l

RT: 5.388 min Scan# 11

Delta R.T. 0.024 min

Lab File: VN069287.D

Acq: 29 Oct 2021 8:09

Instrument :

MSVOA_N

ClientSampleId :

MW-15DMSD

Tgt Ion: 59 Resp: 158090

Ion Ratio Lower Upper

59 100

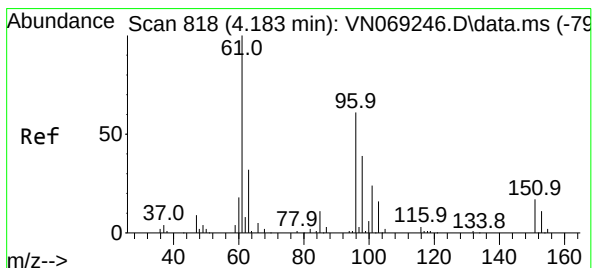
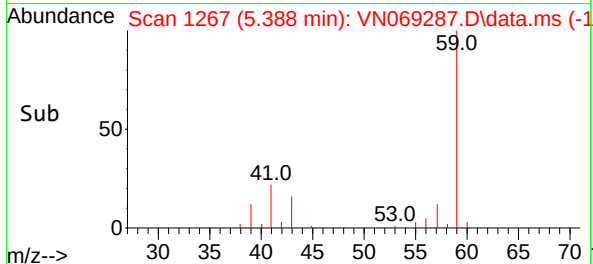
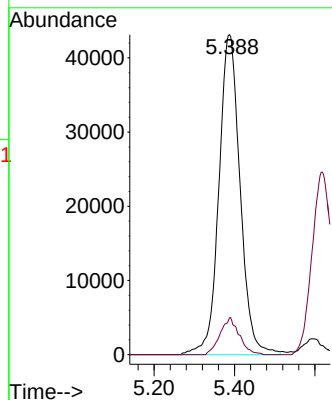
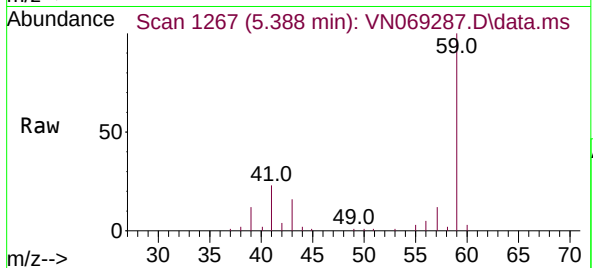
57 10.5 8.3 12.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/01/2021

Supervised By :Mahesh Dadoda 11/01/2021



#12

1,1-Dichloroethene

Concen: 51.666 ug/l

RT: 4.170 min Scan# 813

Delta R.T. -0.013 min

Lab File: VN069287.D

Acq: 29 Oct 2021 8:09

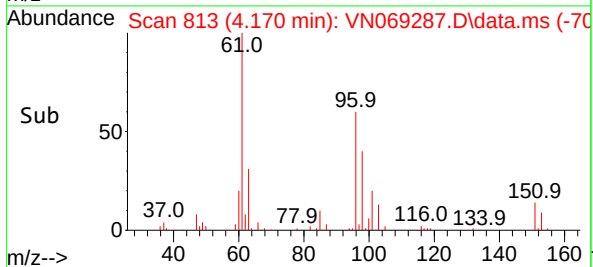
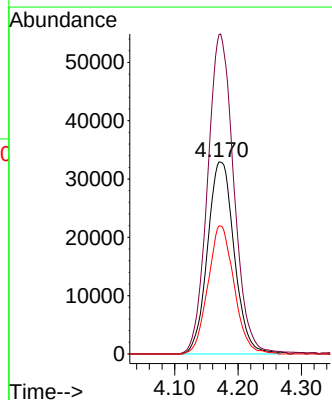
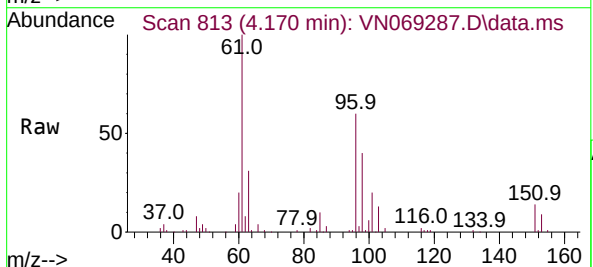
Tgt Ion: 96 Resp: 96637

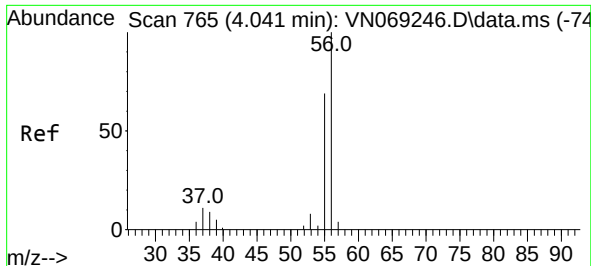
Ion Ratio Lower Upper

96 100

61 166.2 129.8 194.6

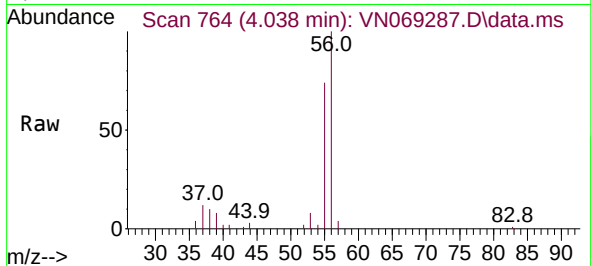
98 66.7 51.4 77.2





#13
Acrolein
Concen: 366.682 ug/l
RT: 4.038 min Scan# 764
Delta R.T. -0.003 min
Lab File: VN069287.D
Acq: 29 Oct 2021 8:09

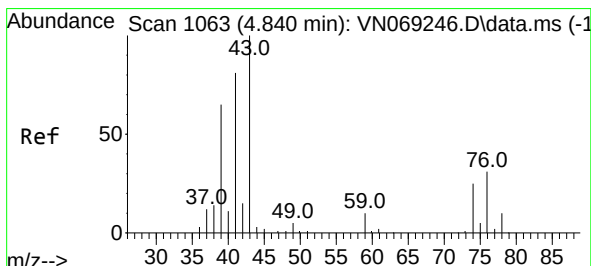
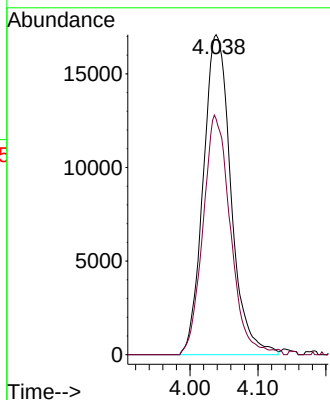
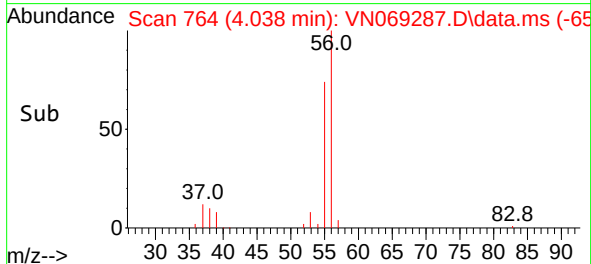
Instrument :
MSVOA_N
ClientSampleId :
MW-15DMSD



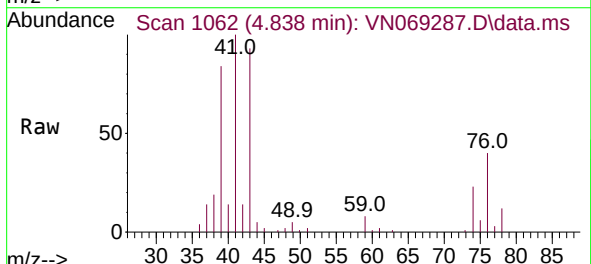
Tgt Ion: 56 Resp: 48472
Ion Ratio Lower Upper
56 100
55 73.8 58.1 87.1

Manual Integrations
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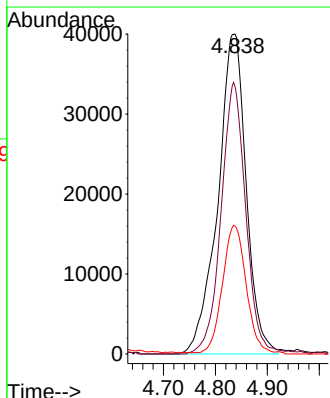
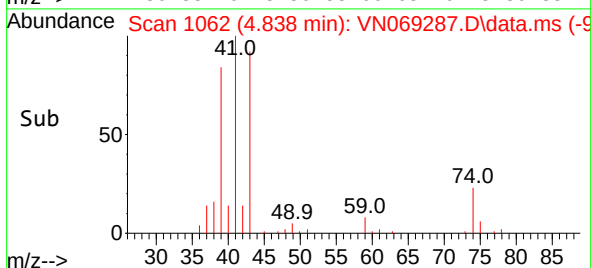
Reviewed By :John Carlone 11/01/2021
Supervised By :Mahesh Dadoda 11/01/2021

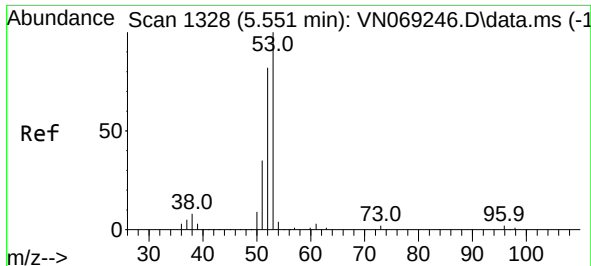


#14
Allyl chloride
Concen: 45.852 ug/l
RT: 4.838 min Scan# 1062
Delta R.T. -0.002 min
Lab File: VN069287.D
Acq: 29 Oct 2021 8:09



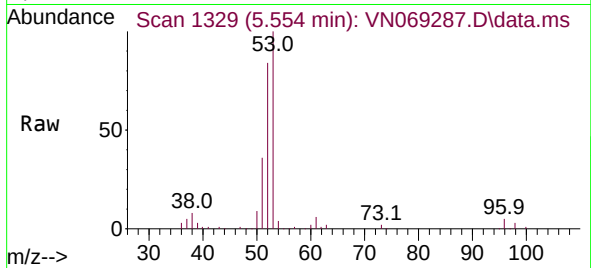
Tgt Ion: 41 Resp: 151717
Ion Ratio Lower Upper
41 100
39 73.6 55.6 83.4
76 32.9 26.4 39.6





#15
Acrylonitrile
Concen: 283.653 ug/l
RT: 5.554 min Scan# 11
Delta R.T. 0.003 min
Lab File: VN069287.D
Acq: 29 Oct 2021 8:09

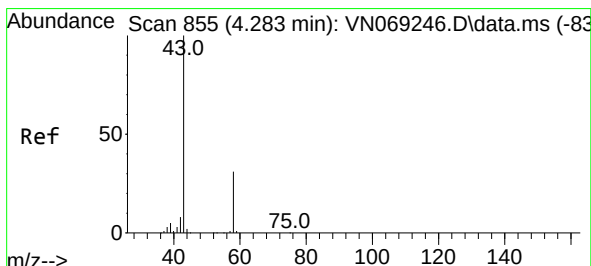
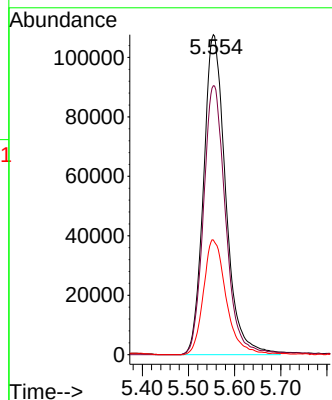
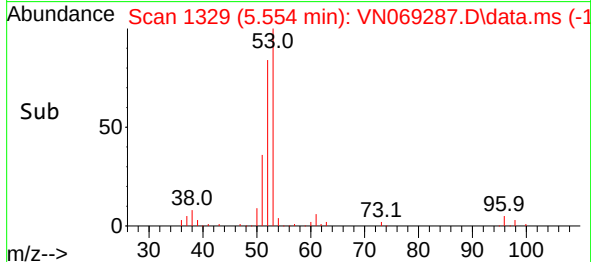
Instrument :
MSVOA_N
ClientSampleId :
MW-15DMSD



Tgt Ion: 53 Resp: 35916
Ion Ratio Lower Upper
53 100
52 83.8 65.7 98.5
51 36.9 28.9 43.3

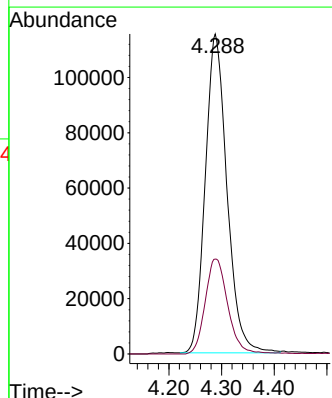
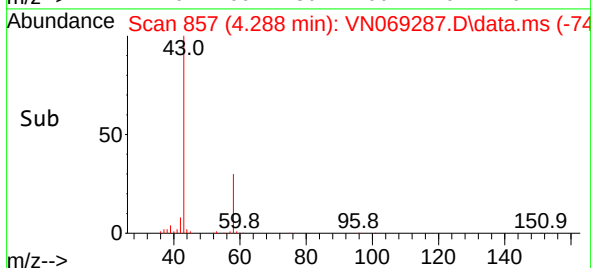
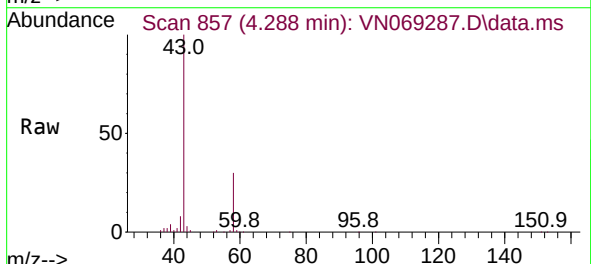
Manual Integrations
APPROVED

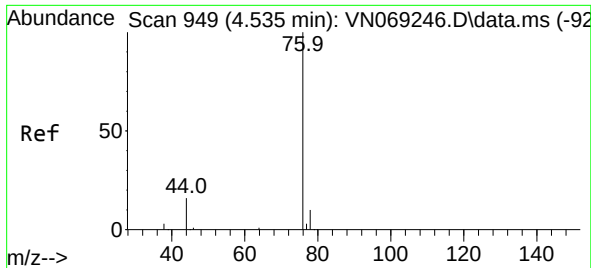
Reviewed By :John Carlone 11/01/2021
Supervised By :Mahesh Dadoda 11/01/2021



#16
Acetone
Concen: 257.555 ug/l
RT: 4.288 min Scan# 857
Delta R.T. 0.005 min
Lab File: VN069287.D
Acq: 29 Oct 2021 8:09

Tgt Ion: 43 Resp: 329403
Ion Ratio Lower Upper
43 100
58 29.8 24.5 36.7





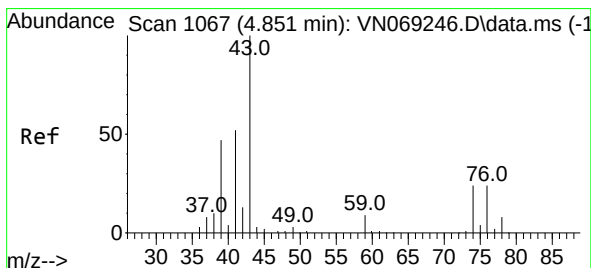
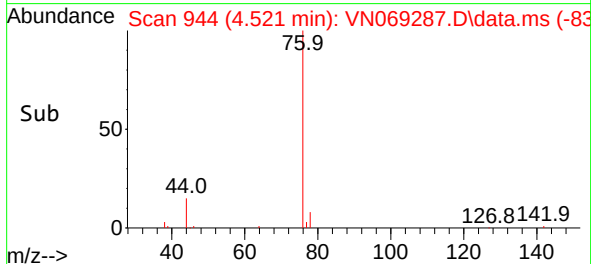
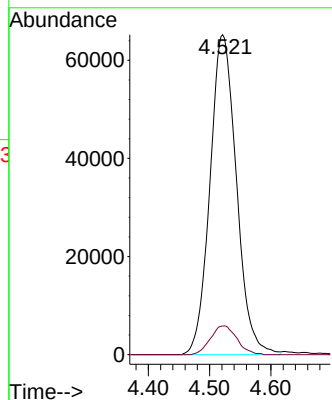
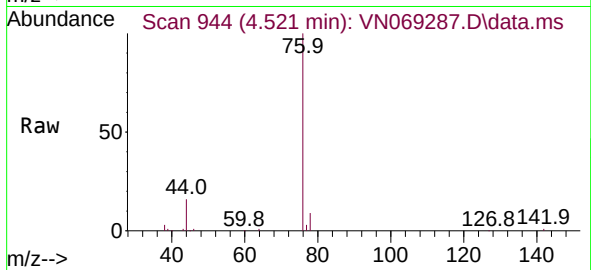
#17
Carbon Disulfide
Concen: 39.315 ug/l
RT: 4.521 min Scan# 949
Delta R.T. -0.014 min
Lab File: VN069287.D
Acq: 29 Oct 2021 8:09

Instrument :
MSVOA_N
ClientSampleId :
MW-15DMSD

Tgt Ion: 76 Resp: 195809
Ion Ratio Lower Upper
76 100
78 8.9 7.2 10.8

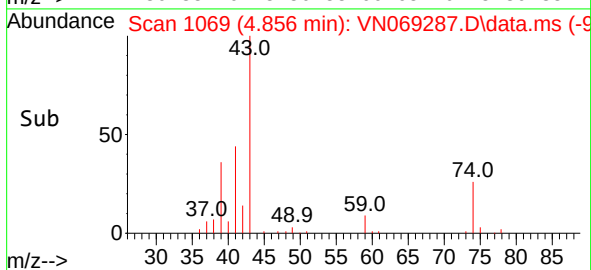
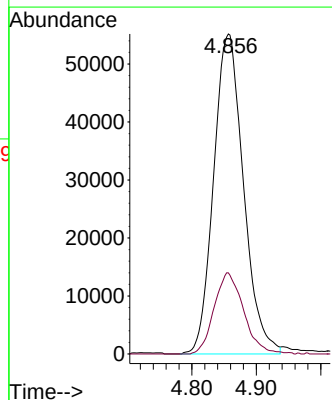
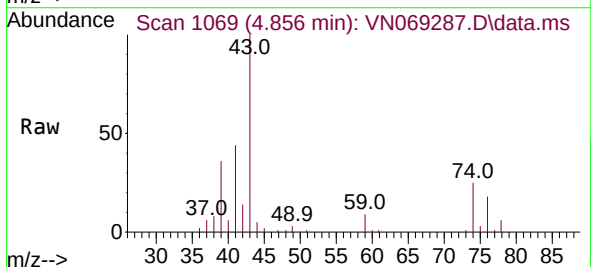
Manual Integrations
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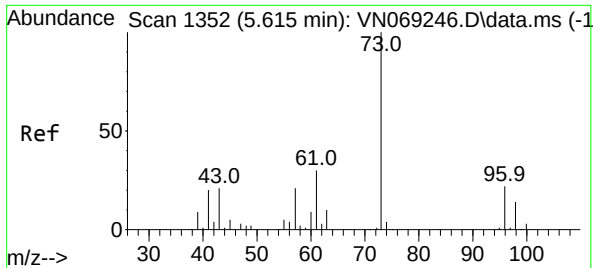
Reviewed By :John Carlone 11/01/2021
Supervised By :Mahesh Dadoda 11/01/2021



#18
Methyl Acetate
Concen: 40.826 ug/l
RT: 4.856 min Scan# 1069
Delta R.T. 0.005 min
Lab File: VN069287.D
Acq: 29 Oct 2021 8:09

Tgt Ion: 43 Resp: 177443
Ion Ratio Lower Upper
43 100
74 25.0 18.9 28.3





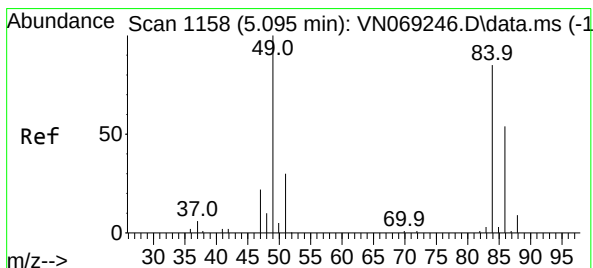
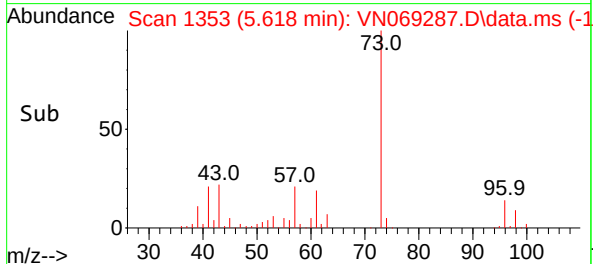
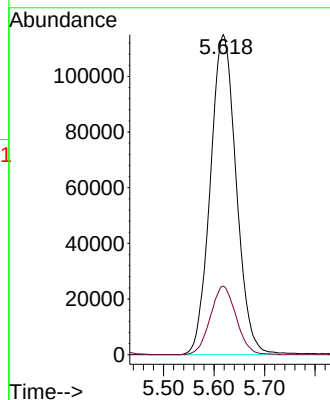
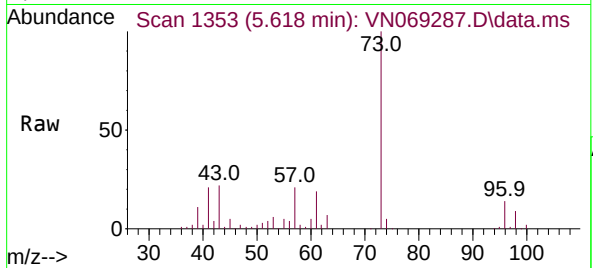
#19
Methyl tert-butyl Ether
Concen: 55.654 ug/l
RT: 5.618 min Scan# 1157
Delta R.T. 0.003 min
Lab File: VN069287.D
Acq: 29 Oct 2021 8:09

Instrument :
MSVOA_N
ClientSampleId :
MW-15DMSD

Tgt Ion: 73 Resp: 40956
Ion Ratio Lower Upper
73 100
57 21.4 17.3 25.9

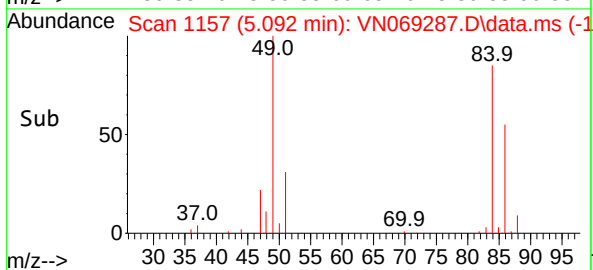
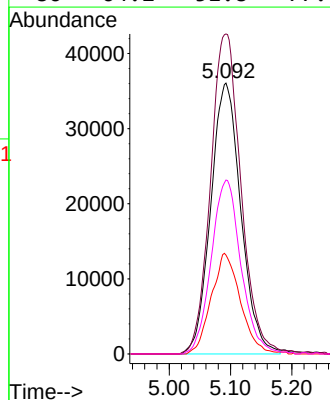
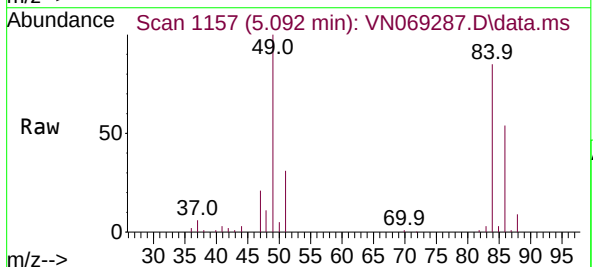
Manual Integrations
APPROVED

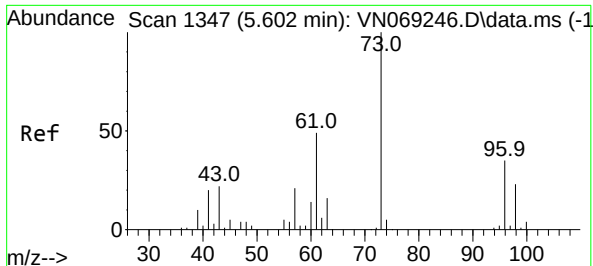
Reviewed By :John Carlone 11/01/2021
Supervised By :Mahesh Dadoda 11/01/2021



#20
Methylene Chloride
Concen: 50.169 ug/l
RT: 5.092 min Scan# 1157
Delta R.T. -0.003 min
Lab File: VN069287.D
Acq: 29 Oct 2021 8:09

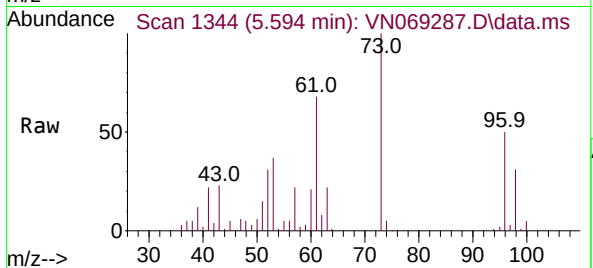
Tgt Ion: 84 Resp: 123072
Ion Ratio Lower Upper
84 100
49 118.1 97.6 146.4
51 36.5 30.3 45.5
86 64.2 51.8 77.6





#21
trans-1,2-Dichloroethene
Concen: 49.329 ug/l
RT: 5.594 min Scan# 11
Delta R.T. -0.008 min
Lab File: VN069287.D
Acq: 29 Oct 2021 8:09

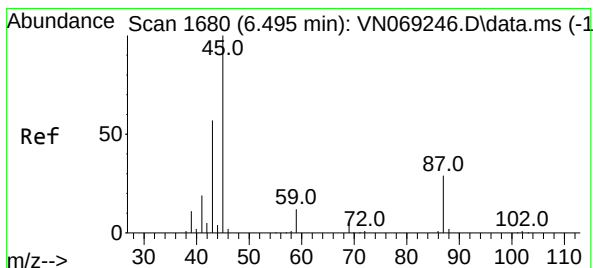
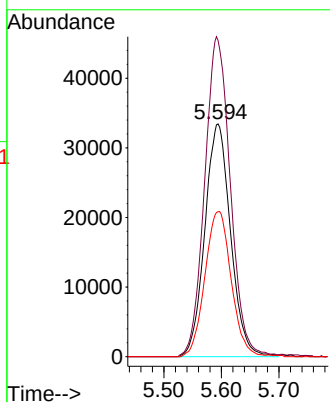
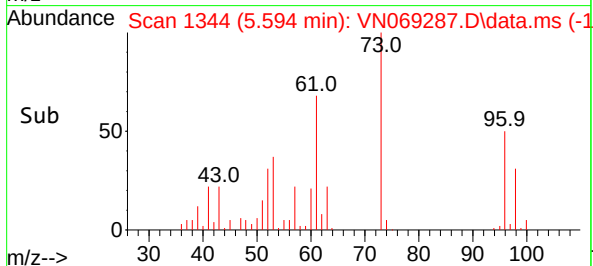
Instrument :
MSVOA_N
ClientSampleId :
MW-15DMSD



Tgt Ion: 96 Resp: 10418
Ion Ratio Lower Upper
96 100
61 135.9 112.4 168.6
98 62.3 52.0 78.0

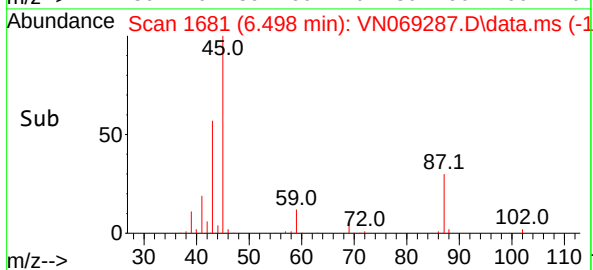
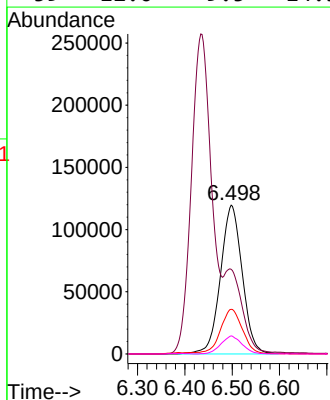
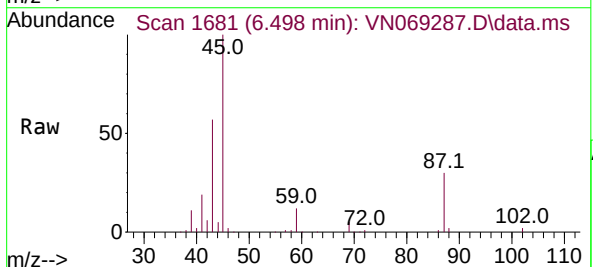
Manual Integrations
APPROVED

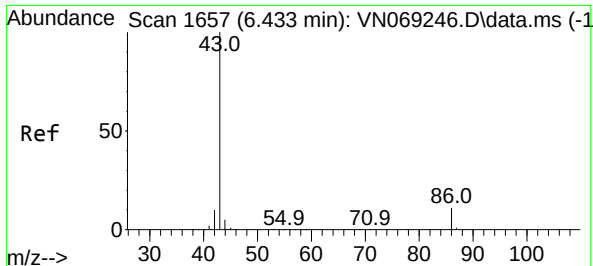
Reviewed By :John Carlone 11/01/2021
Supervised By :Mahesh Dadoda 11/01/2021



#22
Diisopropyl ether
Concen: 49.710 ug/l
RT: 6.498 min Scan# 1681
Delta R.T. 0.003 min
Lab File: VN069287.D
Acq: 29 Oct 2021 8:09

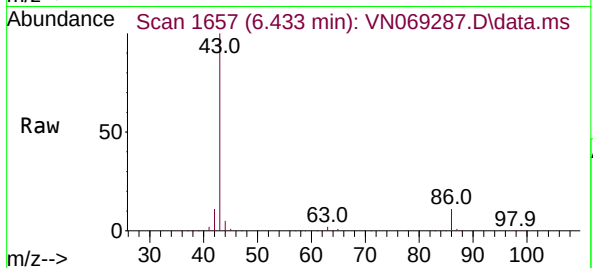
Tgt Ion: 45 Resp: 382972
Ion Ratio Lower Upper
45 100
43 55.7 48.0 72.0
87 29.8 23.4 35.0
59 12.0 9.5 14.3





#23
 Vinyl Acetate
 Concen: 157.708 ug/l m
 RT: 6.433 min Scan# 1639
 Delta R.T. 0.000 min
 Lab File: VN069287.D
 Acq: 29 Oct 2021 8:09

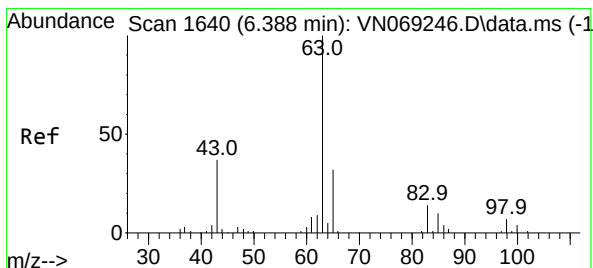
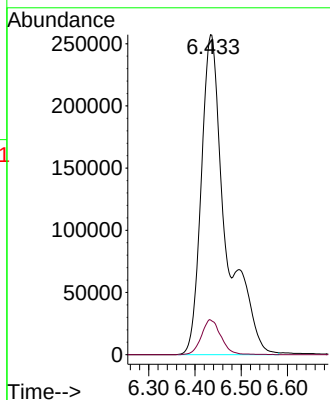
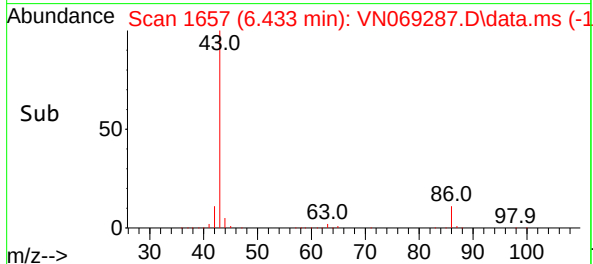
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-15DMSD



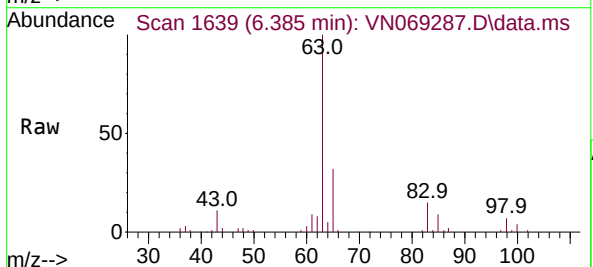
Tgt Ion: 43 Resp: 949749
 Ion Ratio Lower Upper
 43 100
 86 10.9 8.3 12.5

Manual Integrations
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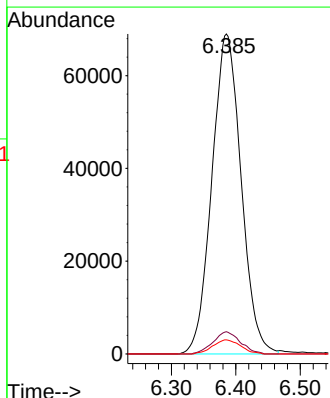
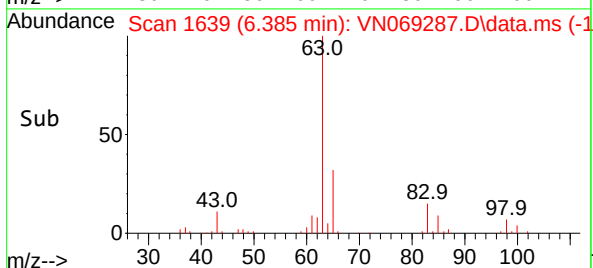
Reviewed By :John Carlone 11/01/2021
 Supervised By :Mahesh Dadoda 11/01/2021

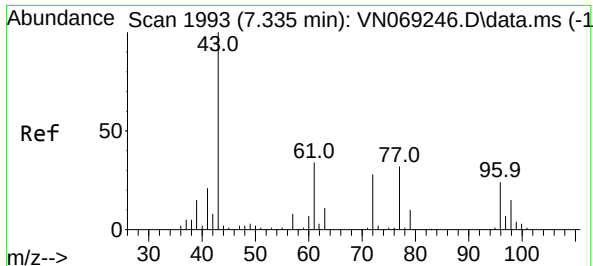


#24
 1,1-Dichloroethane
 Concen: 54.905 ug/l
 RT: 6.385 min Scan# 1639
 Delta R.T. -0.003 min
 Lab File: VN069287.D
 Acq: 29 Oct 2021 8:09



Tgt Ion: 63 Resp: 217129
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.5 10.4
 100 4.4 2.1 6.5





#25

2-Butanone

Concen: 256.082 ug/l

RT: 7.337 min Scan# 1994

Delta R.T. 0.002 min

Lab File: VN069287.D

Acq: 29 Oct 2021 8:09

Instrument :

MSVOA_N

ClientSampleId :

MW-15DMSD

Tgt Ion: 43 Resp: 502028

Ion Ratio Lower Upper

43 100

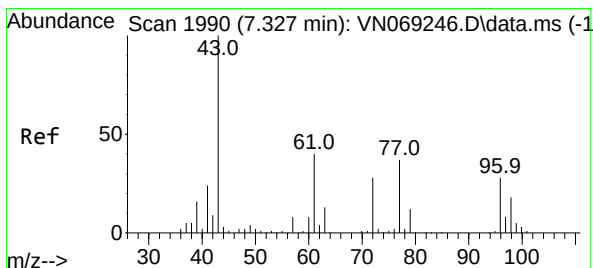
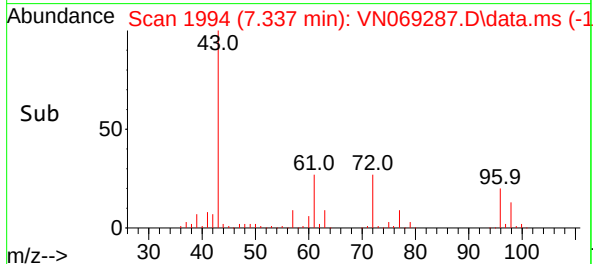
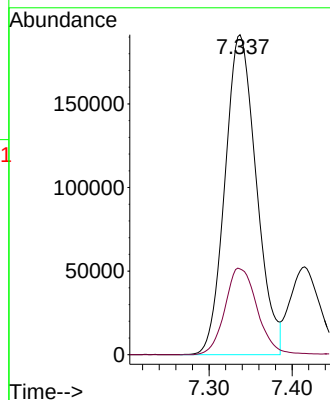
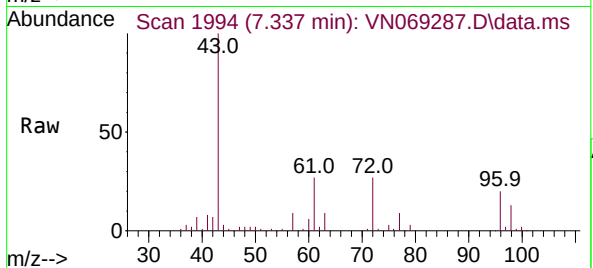
72 26.8 21.2 31.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/01/2021

Supervised By :Mahesh Dadoda 11/01/2021



#26

2,2-Dichloropropane

Concen: 15.807 ug/l

RT: 7.324 min Scan# 1989

Delta R.T. -0.003 min

Lab File: VN069287.D

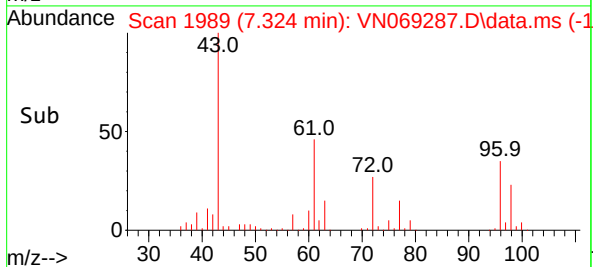
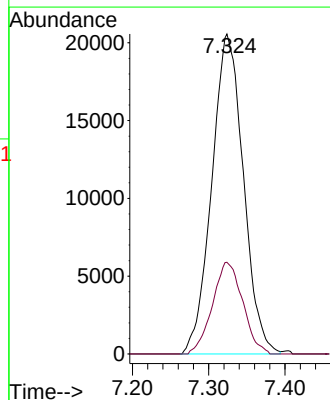
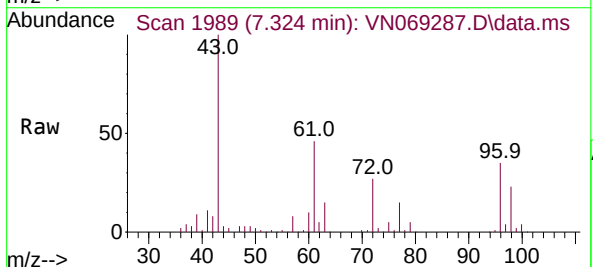
Acq: 29 Oct 2021 8:09

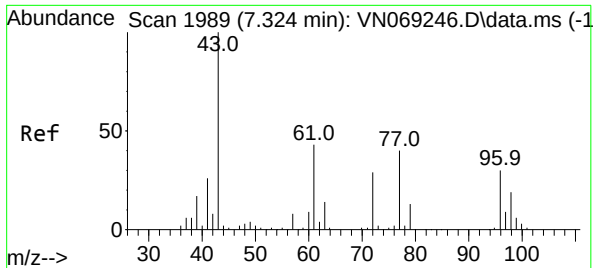
Tgt Ion: 77 Resp: 59119

Ion Ratio Lower Upper

77 100

97 27.5 11.2 33.6





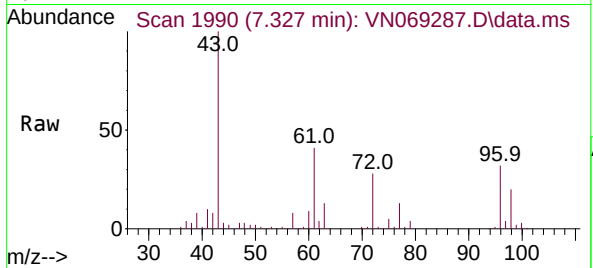
#27
 cis-1,2-Dichloroethene
 Concen: 53.426 ug/l
 RT: 7.327 min Scan# 1989
 Delta R.T. 0.003 min
 Lab File: VN069287.D
 Acq: 29 Oct 2021 8:09

Instrument :

MSVOA_N

ClientSampleId :

MW-15DMSD

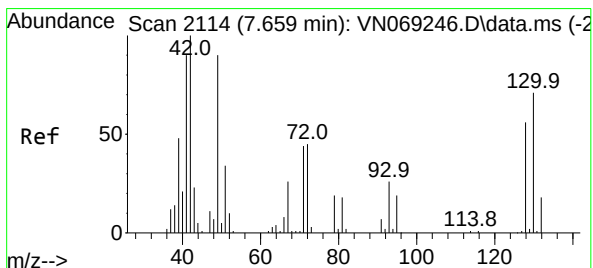
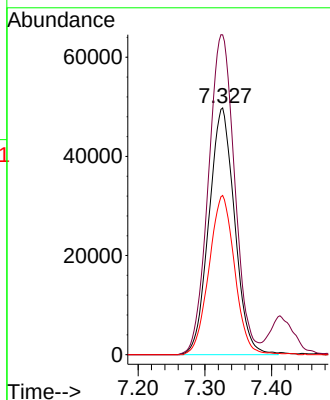
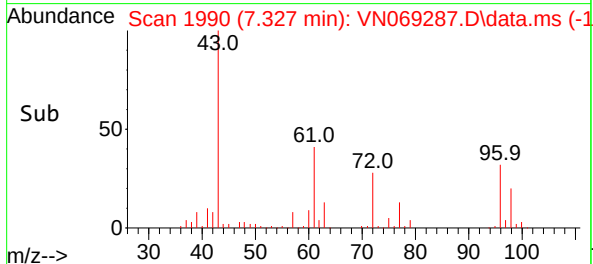


Tgt Ion: 96 Resp: 13332
 Ion Ratio Lower Upper
 96 100
 61 132.8 0.0 290.6
 98 64.4 0.0 127.2

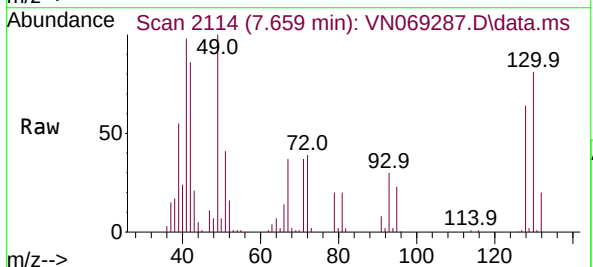
Manual Integrations

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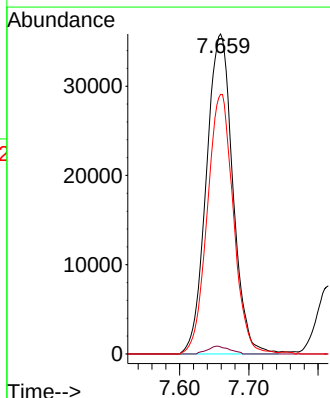
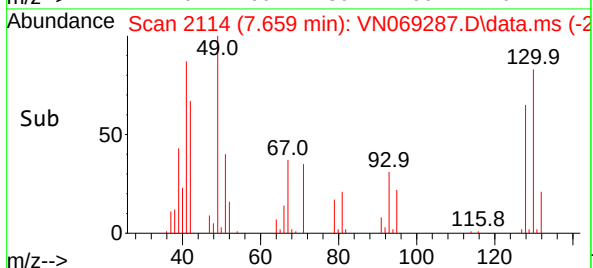
Reviewed By :John Carlone 11/01/2021
 Supervised By :Mahesh Dadoda 11/01/2021

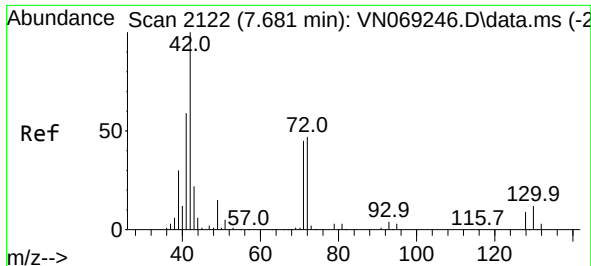


#28
 Bromochloromethane
 Concen: 48.080 ug/l
 RT: 7.659 min Scan# 2114
 Delta R.T. 0.000 min
 Lab File: VN069287.D
 Acq: 29 Oct 2021 8:09



Tgt Ion: 49 Resp: 95264
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 4.4
 130 79.9 60.8 91.2





#29

Tetrahydrofuran

Concen: 258.821 ug/l

RT: 7.689 min Scan# 2122

Delta R.T. 0.008 min

Lab File: VN069287.D

Acq: 29 Oct 2021 8:09

Instrument :

MSVOA_N

ClientSampleId :

MW-15DMSD

Tgt Ion: 42 Resp: 326209

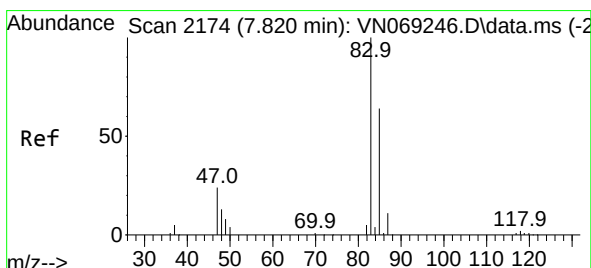
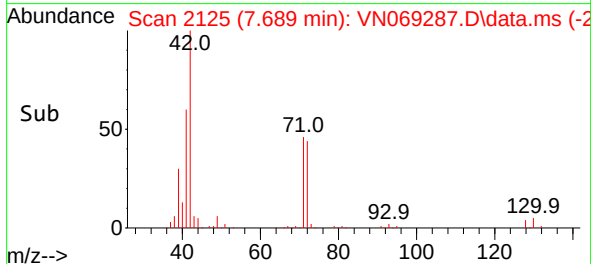
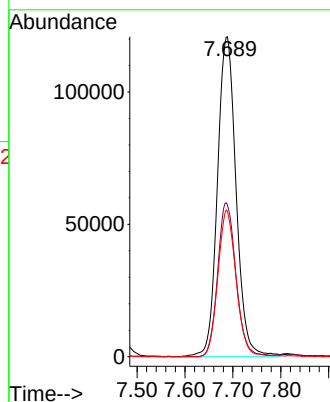
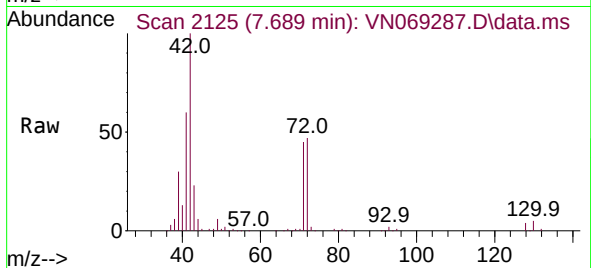
Ion	Ratio	Lower	Upper
42	100		
72	47.3	35.4	53.2
71	44.4	33.8	50.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/01/2021

Supervised By :Mahesh Dadoda 11/01/2021



#30

Chloroform

Concen: 57.050 ug/l

RT: 7.817 min Scan# 2173

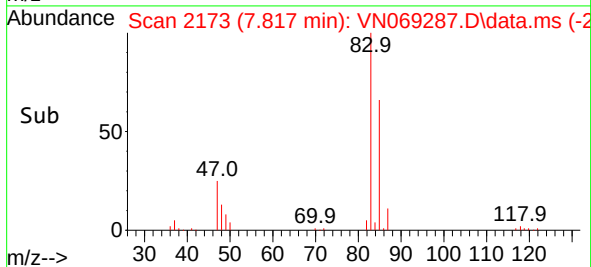
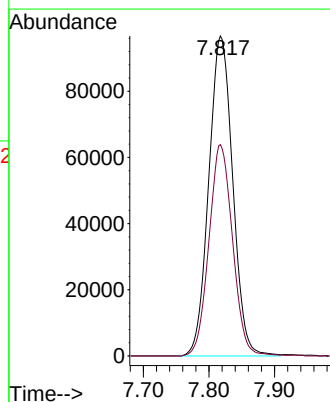
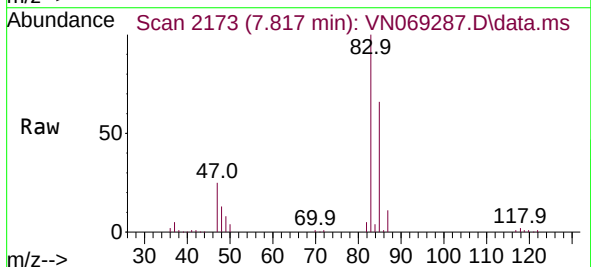
Delta R.T. -0.003 min

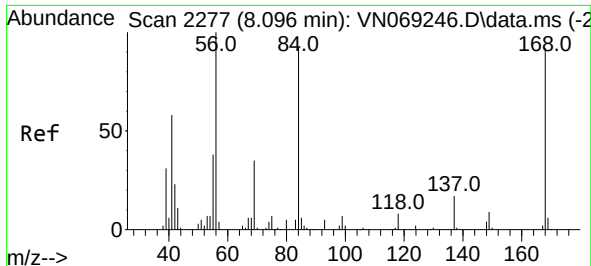
Lab File: VN069287.D

Acq: 29 Oct 2021 8:09

Tgt Ion: 83 Resp: 245258

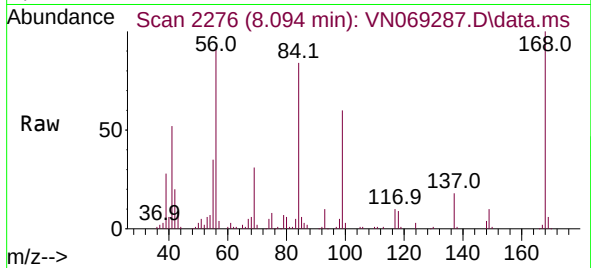
Ion	Ratio	Lower	Upper
83	100		
85	66.0	51.1	76.7





#31
Cyclohexane
Concen: 45.798 ug/l
RT: 8.094 min Scan# 2277
Delta R.T. -0.002 min
Lab File: VN069287.D
Acq: 29 Oct 2021 8:09

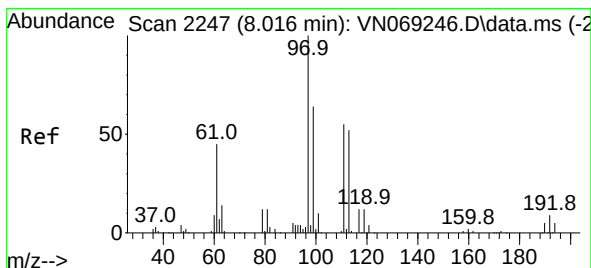
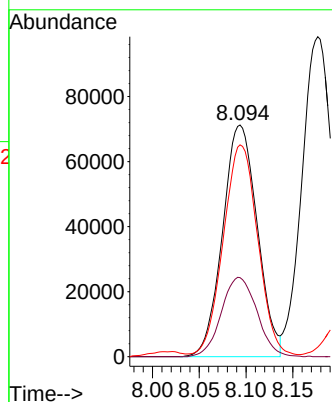
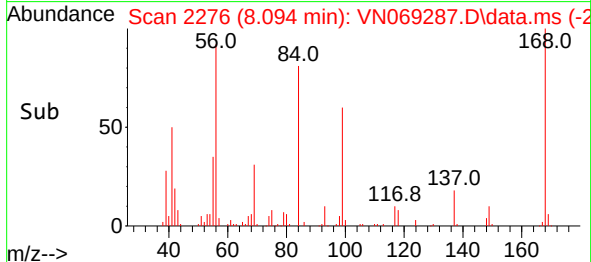
Instrument :
MSVOA_N
ClientSampleId :
MW-15DMSD



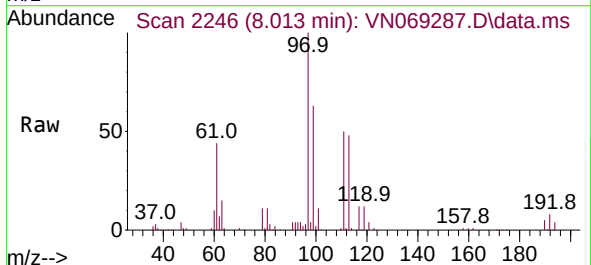
Tgt Ion: 56 Resp: 183995
Ion Ratio Lower Upper
56 100
69 34.1 26.9 40.3
84 89.9 67.6 101.4

Manual Integrations
APPROVED

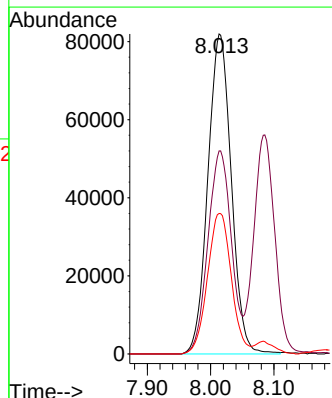
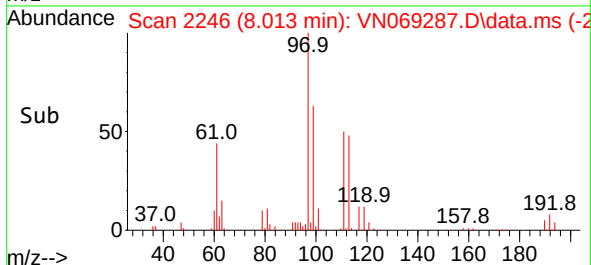
Reviewed By :John Carlone 11/01/2021
Supervised By :Mahesh Dadoda 11/01/2021

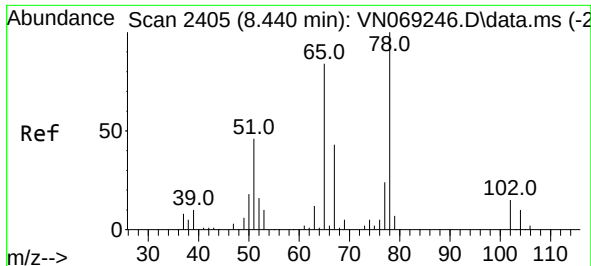


#32
1,1,1-Trichloroethane
Concen: 49.996 ug/l
RT: 8.013 min Scan# 2246
Delta R.T. -0.003 min
Lab File: VN069287.D
Acq: 29 Oct 2021 8:09



Tgt Ion: 97 Resp: 210383
Ion Ratio Lower Upper
97 100
99 63.4 50.8 76.2
61 44.8 34.6 51.8





#33

1,2-Dichloroethane-d4

Concen: 49.208 ug/l

RT: 8.437 min Scan# 2405

Delta R.T. -0.003 min

Lab File: VN069287.D

Acq: 29 Oct 2021 8:09

Instrument :

MSVOA_N

ClientSampleId :

MW-15DMSD

Tgt Ion: 65 Resp: 147715

Ion Ratio Lower Upper

65 100

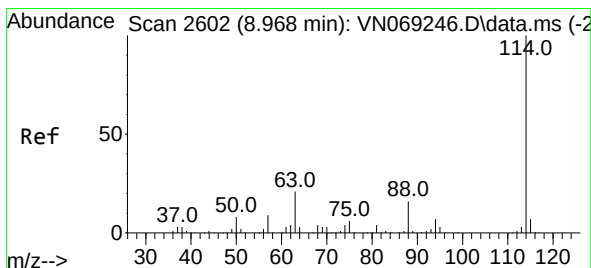
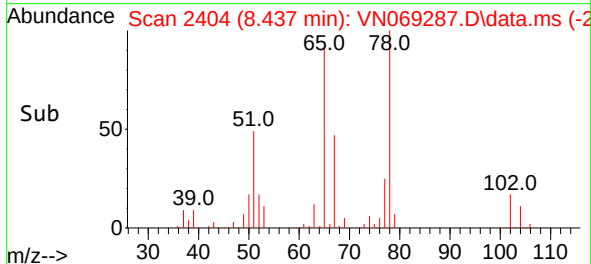
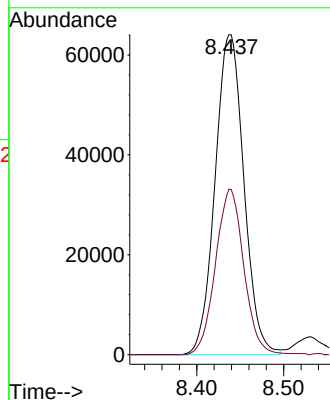
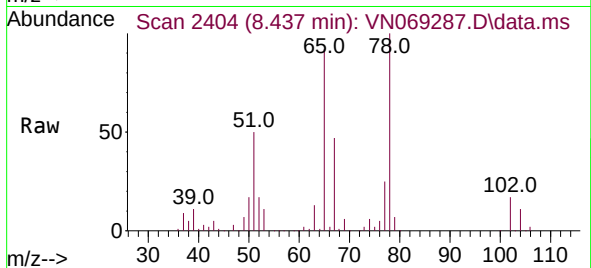
67 50.9 0.0 103.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/01/2021

Supervised By :Mahesh Dadoda 11/01/2021



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.968 min Scan# 2602

Delta R.T. -0.000 min

Lab File: VN069287.D

Acq: 29 Oct 2021 8:09

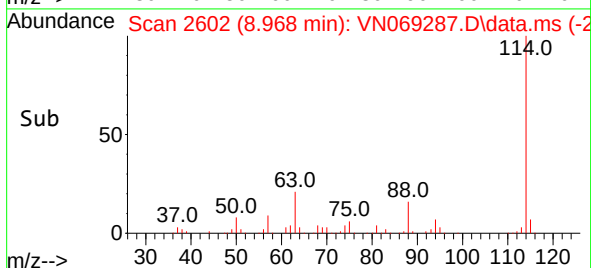
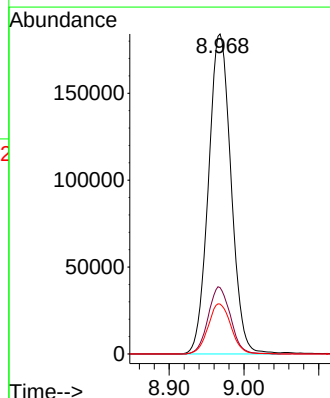
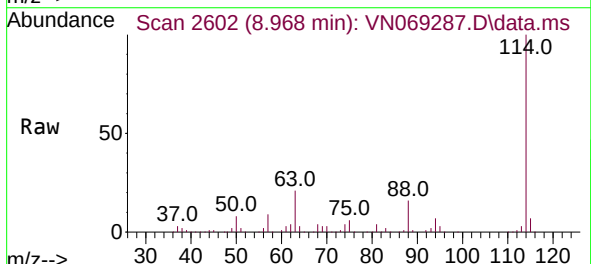
Tgt Ion:114 Resp: 386301

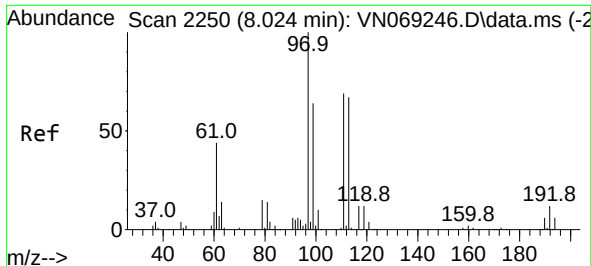
Ion Ratio Lower Upper

114 100

63 20.8 0.0 42.6

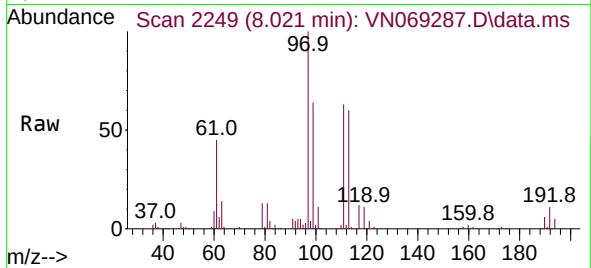
88 15.6 0.0 32.0





#35
Dibromofluoromethane
Concen: 45.838 ug/l
RT: 8.021 min Scan# 2113
Delta R.T. -0.003 min
Lab File: VN069287.D
Acq: 29 Oct 2021 8:09

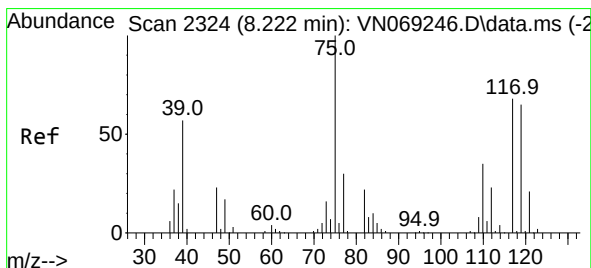
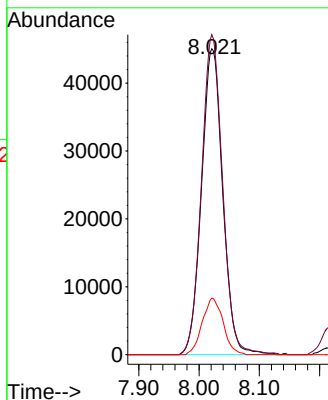
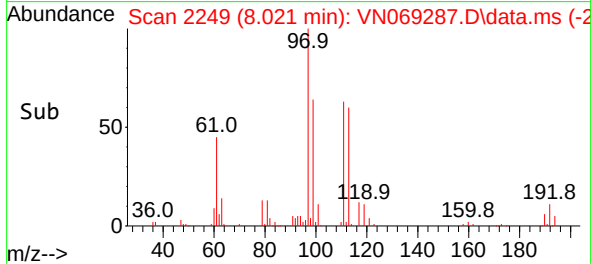
Instrument :
MSVOA_N
ClientSampleId :
MW-15DMSD



Tgt Ion:113 Resp: 11038
Ion Ratio Lower Upper
113 100
111 103.7 83.2 124.8
192 18.2 15.0 22.4

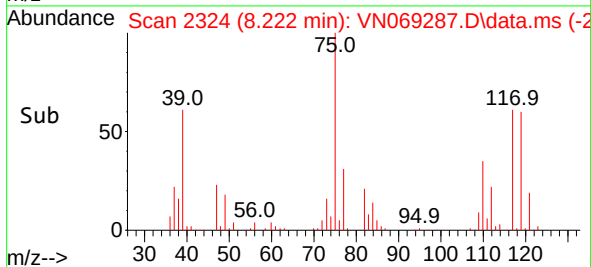
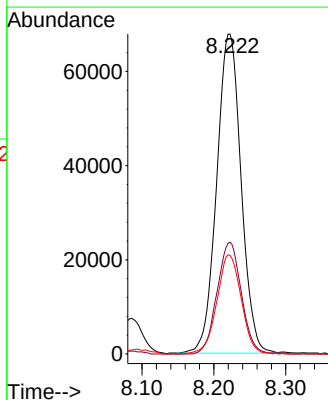
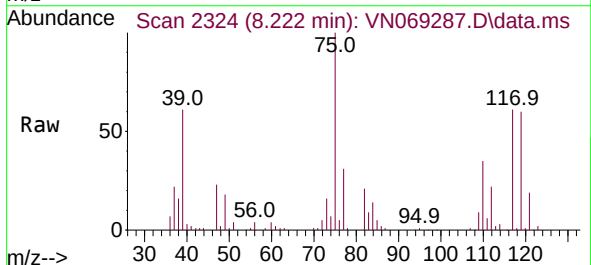
Manual Integrations
APPROVED

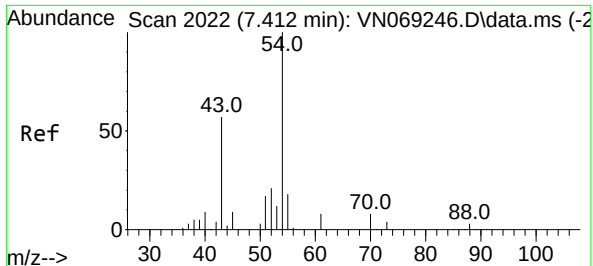
Reviewed By :John Carlone 11/01/2021
Supervised By :Mahesh Dadoda 11/01/2021



#36
1,1-Dichloropropene
Concen: 47.917 ug/l
RT: 8.222 min Scan# 2324
Delta R.T. 0.000 min
Lab File: VN069287.D
Acq: 29 Oct 2021 8:09

Tgt Ion: 75 Resp: 159582
Ion Ratio Lower Upper
75 100
110 34.7 17.9 53.8
77 30.9 24.7 37.1





#37

Ethyl Acetate

Concen: 34.676 ug/l

RT: 7.415 min Scan# 2022

Delta R.T. 0.003 min

Lab File: VN069287.D

Acq: 29 Oct 2021 8:09

Instrument :

MSVOA_N

ClientSampleId :

MW-15DMSD

Tgt Ion: 43 Resp: 131599

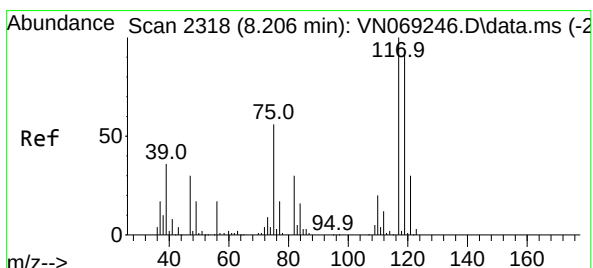
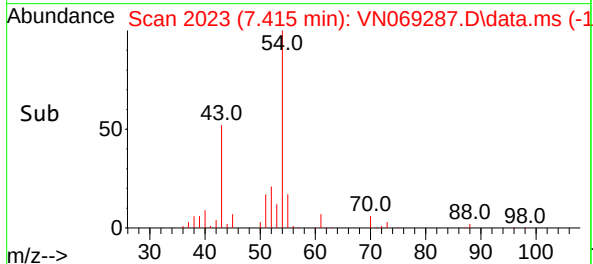
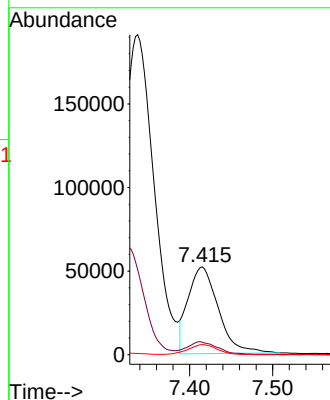
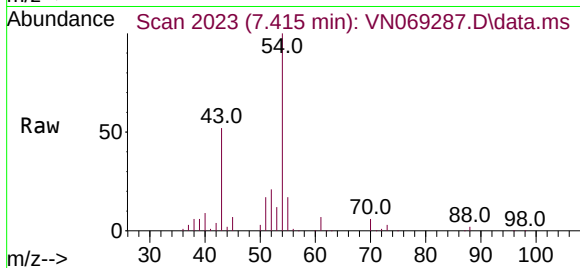
Ion	Ratio	Lower	Upper
43	100		
61	14.2	11.2	16.8
70	11.3	8.4	12.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/01/2021

Supervised By :Mahesh Dadoda 11/01/2021



#38

Carbon Tetrachloride

Concen: 45.574 ug/l

RT: 8.206 min Scan# 2318

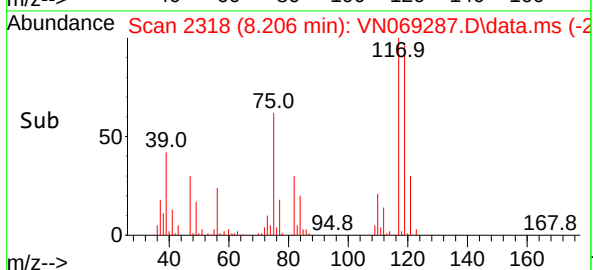
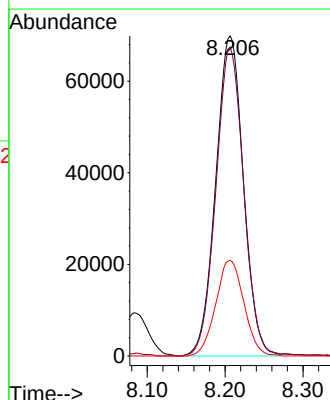
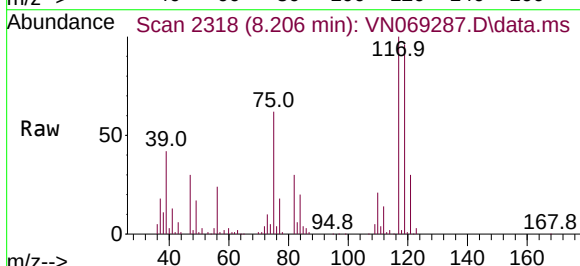
Delta R.T. 0.000 min

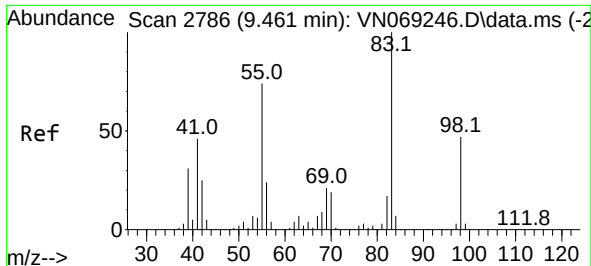
Lab File: VN069287.D

Acq: 29 Oct 2021 8:09

Tgt Ion:117 Resp: 172775

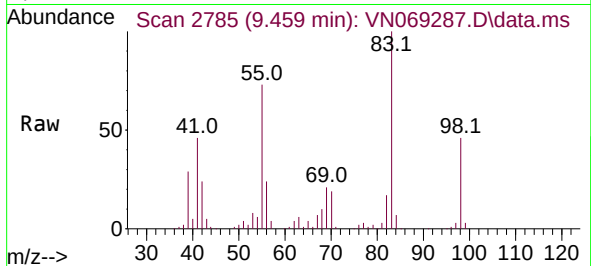
Ion	Ratio	Lower	Upper
117	100		
119	96.5	76.9	115.3
121	29.8	24.6	37.0





#39
Methylcyclohexane
Concen: 42.971 ug/l
RT: 9.459 min Scan# 2179
Delta R.T. -0.002 min
Lab File: VN069287.D
Acq: 29 Oct 2021 8:09

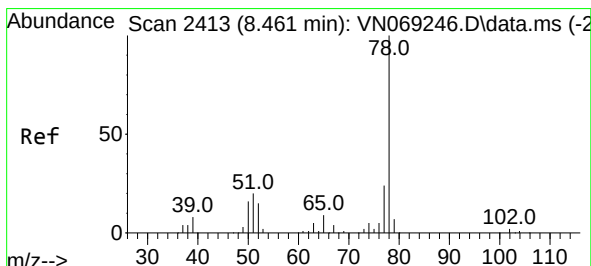
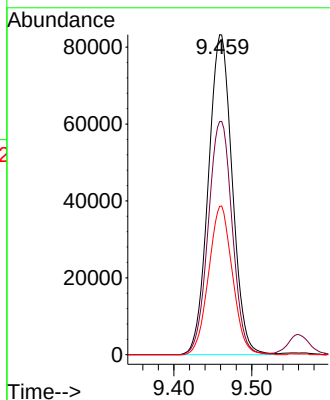
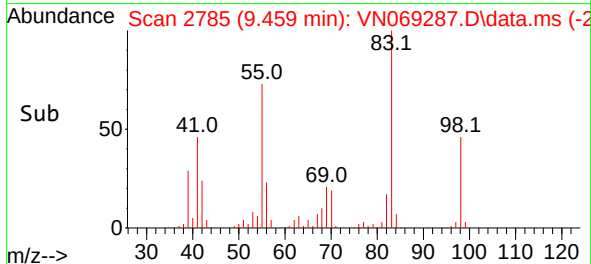
Instrument :
MSVOA_N
ClientSampleId :
MW-15DMSD



Tgt Ion: 83 Resp: 177190
Ion Ratio Lower Upper
83 100
55 72.9 61.4 92.0
98 46.4 36.4 54.6

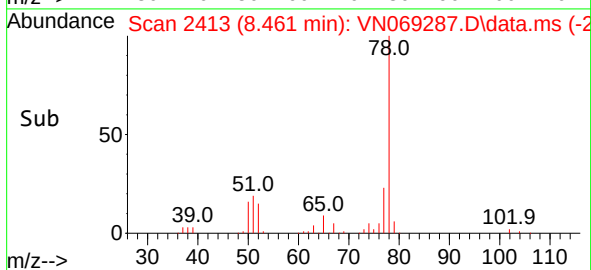
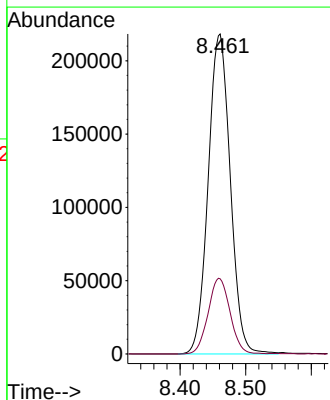
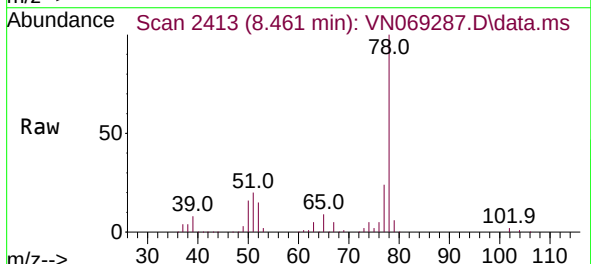
Manual Integrations
APPROVED

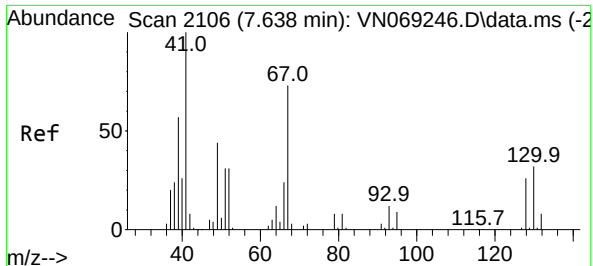
Reviewed By :John Carlone 11/01/2021
Supervised By :Mahesh Dadoda 11/01/2021



#40
Benzene
Concen: 50.949 ug/l
RT: 8.461 min Scan# 2413
Delta R.T. 0.000 min
Lab File: VN069287.D
Acq: 29 Oct 2021 8:09

Tgt Ion: 78 Resp: 510366
Ion Ratio Lower Upper
78 100
77 23.5 19.1 28.7





#41
Methacrylonitrile
Concen: 53.170 ug/l
RT: 7.640 min Scan# 2106
Delta R.T. 0.002 min
Lab File: VN069287.D
Acq: 29 Oct 2021 8:09

Instrument :

MSVOA_N

Client Sample Id :

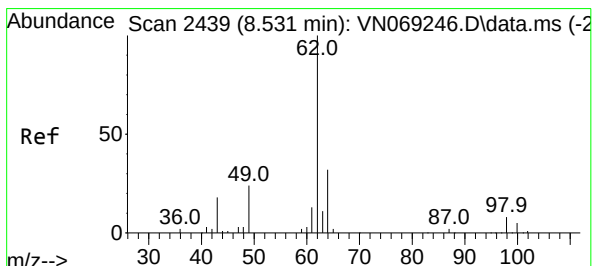
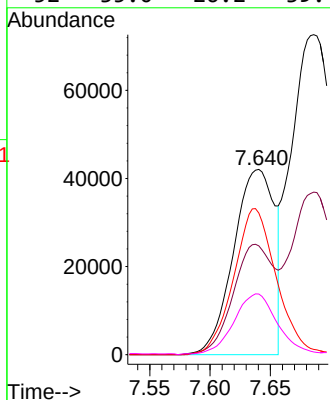
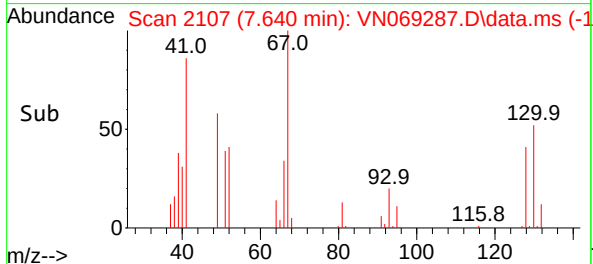
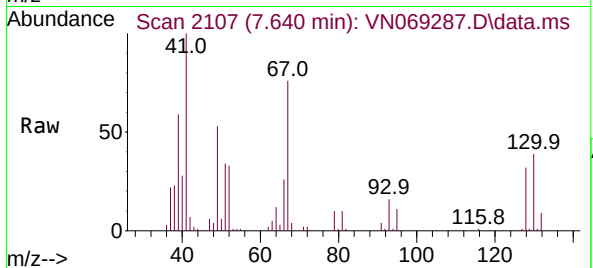
MW-15DMSD

Tgt Ion: 41 Resp: 99478
Ion Ratio Lower Upper
41 100
39 58.9 44.9 67.3
67 82.7 62.6 93.8
52 35.0 26.2 39.4

Manual Integrations

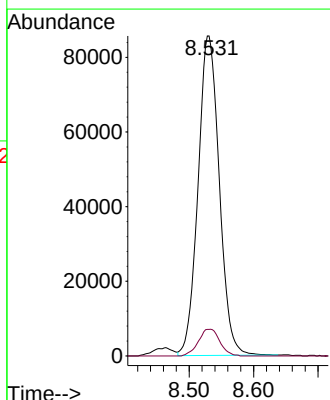
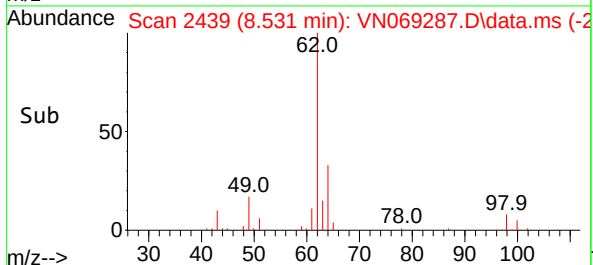
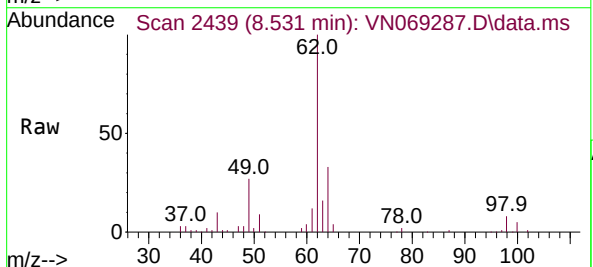
APPROVED

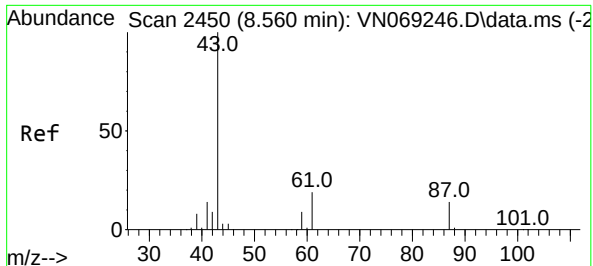
Reviewed By :John Carlone 11/01/2021
Supervised By :Mahesh Dadoda 11/01/2021



#42
1,2-Dichloroethane
Concen: 51.971 ug/l
RT: 8.531 min Scan# 2439
Delta R.T. -0.000 min
Lab File: VN069287.D
Acq: 29 Oct 2021 8:09

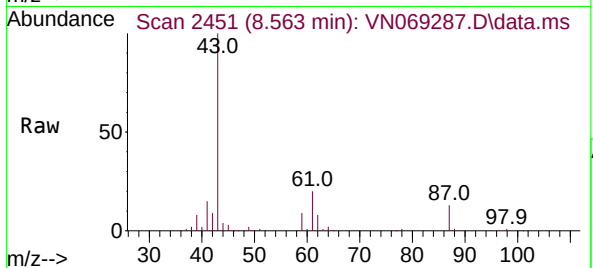
Tgt Ion: 62 Resp: 195913
Ion Ratio Lower Upper
62 100
98 8.5 0.0 17.2





#43
Isopropyl Acetate
Concen: 39.881 ug/l
RT: 8.563 min Scan# 2450
Delta R.T. 0.003 min
Lab File: VN069287.D
Acq: 29 Oct 2021 8:09

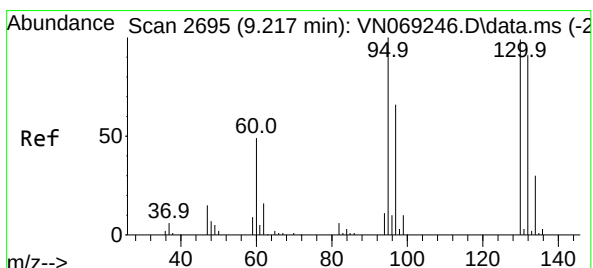
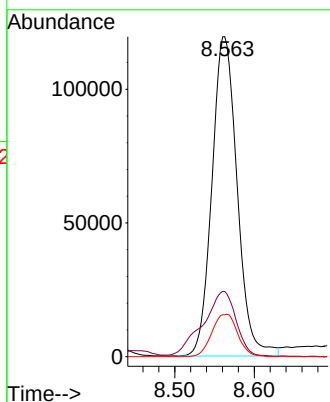
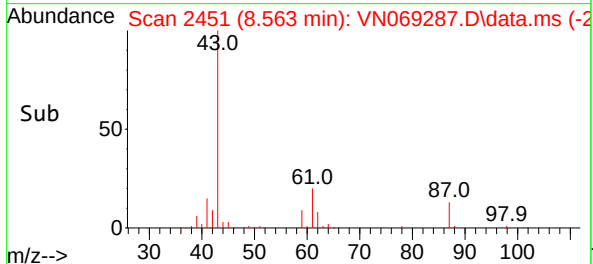
Instrument :
MSVOA_N
ClientSampleId :
MW-15DMSD



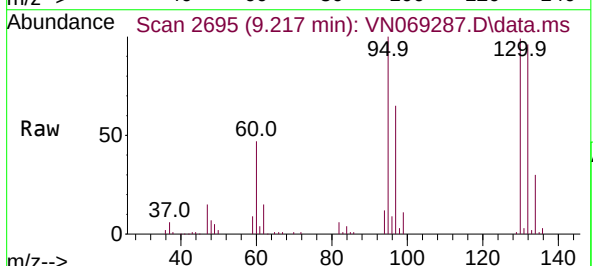
Tgt Ion: 43 Resp: 263330
Ion Ratio Lower Upper
43 100
61 26.7 20.4 30.6
87 13.6 10.7 16.1

Manual Integrations
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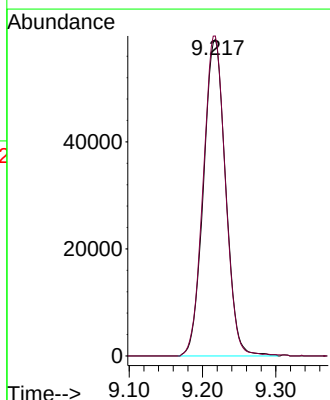
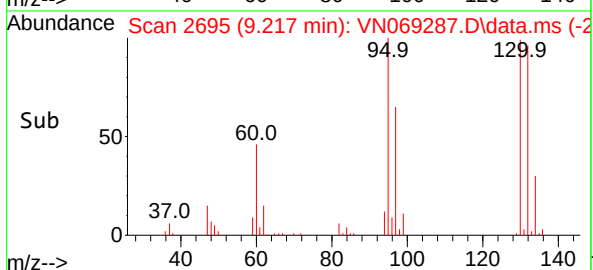
Reviewed By :John Carlone 11/01/2021
Supervised By :Mahesh Dadoda 11/01/2021

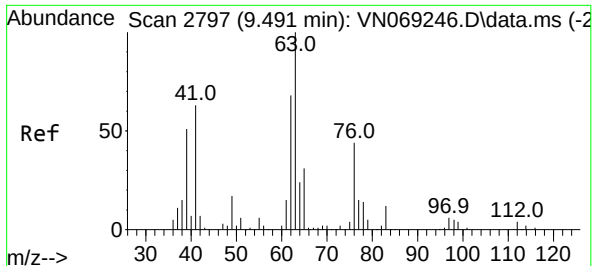


#44
Trichloroethene
Concen: 49.070 ug/l
RT: 9.217 min Scan# 2695
Delta R.T. 0.000 min
Lab File: VN069287.D
Acq: 29 Oct 2021 8:09



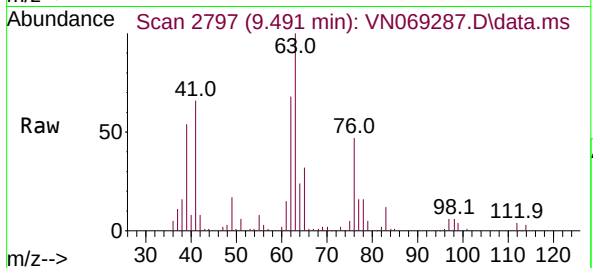
Tgt Ion:130 Resp: 123775
Ion Ratio Lower Upper
130 100
95 101.0 0.0 208.0





#45
1,2-Dichloropropane
Concen: 51.861 ug/l
RT: 9.491 min Scan# 2797
Delta R.T. -0.000 min
Lab File: VN069287.D
Acq: 29 Oct 2021 8:09

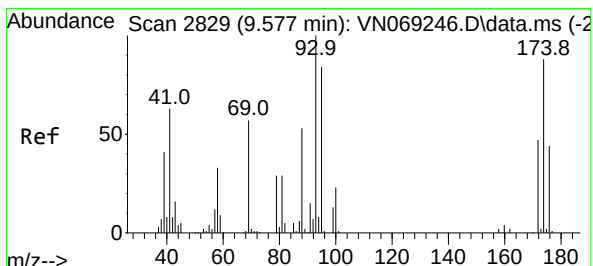
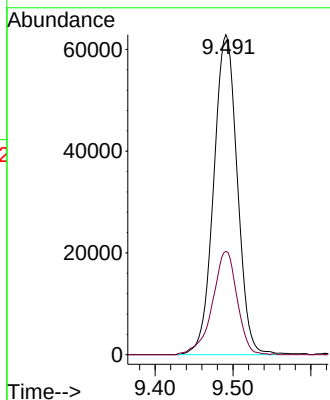
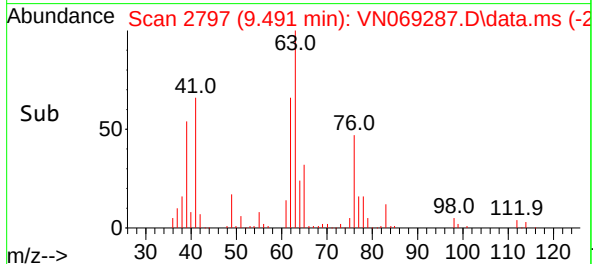
Instrument :
MSVOA_N
ClientSampleId :
MW-15DMSD



Tgt Ion: 63 Resp: 132260
Ion Ratio Lower Upper
63 100
65 32.3 25.6 38.4

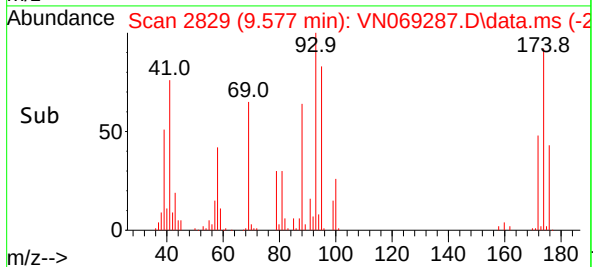
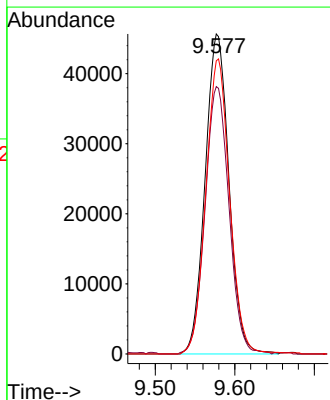
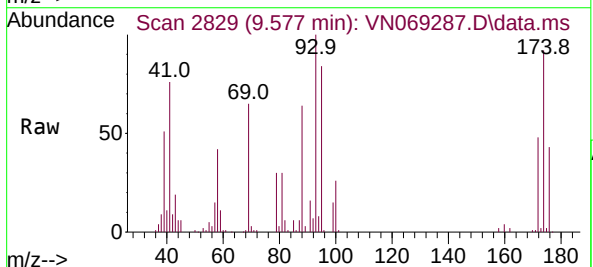
Manual Integrations
APPROVED

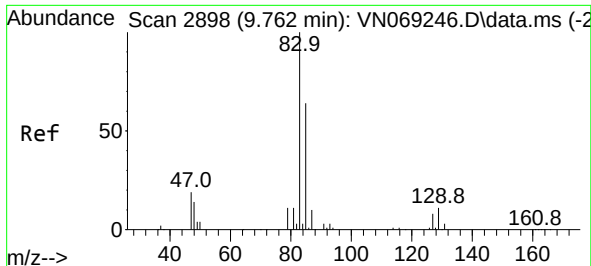
Reviewed By :John Carlone 11/01/2021
Supervised By :Mahesh Dadoda 11/01/2021



#46
Dibromomethane
Concen: 52.473 ug/l
RT: 9.577 min Scan# 2829
Delta R.T. -0.000 min
Lab File: VN069287.D
Acq: 29 Oct 2021 8:09

Tgt Ion: 93 Resp: 95076
Ion Ratio Lower Upper
93 100
95 84.0 66.5 99.7
174 92.5 73.8 110.8





#47
Bromodichloromethane
Concen: 47.615 ug/l
RT: 9.762 min Scan# 2898
Delta R.T. -0.000 min
Lab File: VN069287.D
Acq: 29 Oct 2021 8:09

Instrument :

MSVOA_N

ClientSampleId :

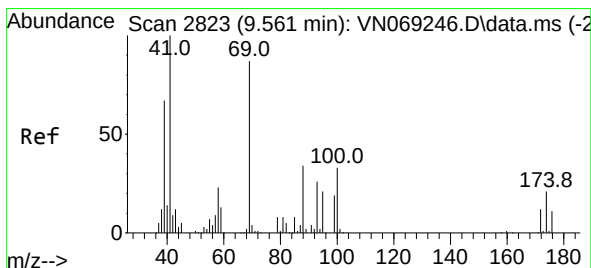
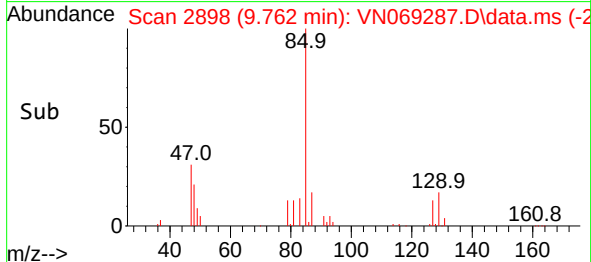
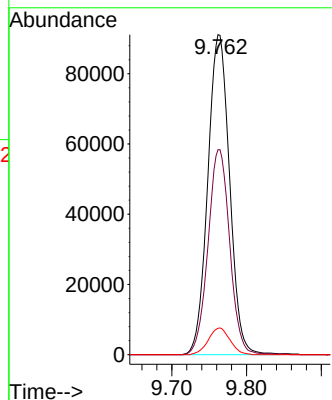
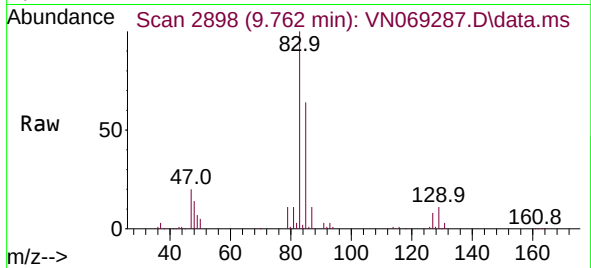
MW-15DMSD

Tgt Ion: 83 Resp: 18453
Ion Ratio Lower Upper
83 100
85 64.1 50.7 76.1
127 8.2 6.5 9.7

Manual Integrations

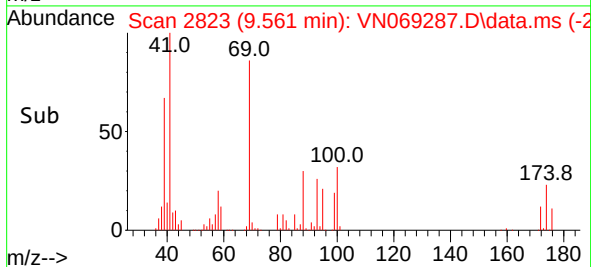
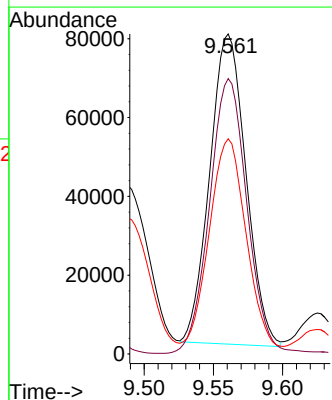
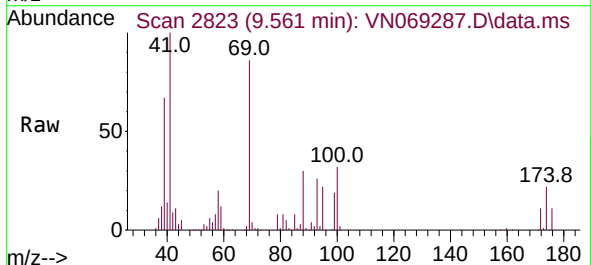
APPROVED

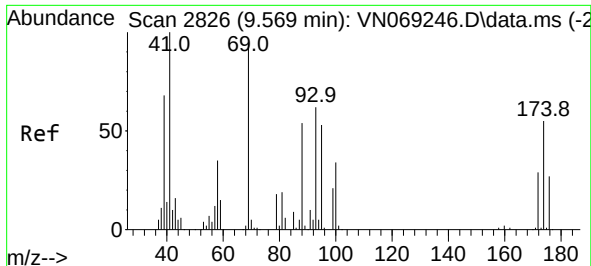
Reviewed By :John Carlone 11/01/2021
Supervised By :Mahesh Dadoda 11/01/2021



#48
Methyl methacrylate
Concen: 49.910 ug/l
RT: 9.561 min Scan# 2823
Delta R.T. -0.000 min
Lab File: VN069287.D
Acq: 29 Oct 2021 8:09

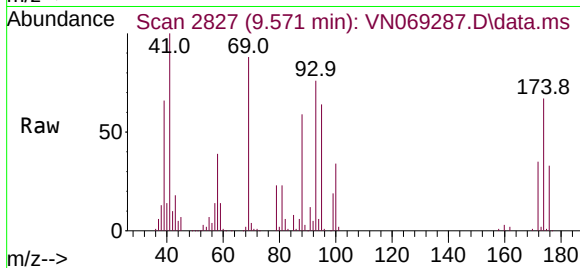
Tgt Ion: 41 Resp: 142956
Ion Ratio Lower Upper
41 100
69 92.4 66.4 99.6
39 72.5 50.2 75.2





#49
1,4-Dioxane
Concen: 973.229 ug/l
RT: 9.571 min Scan# 2827
Delta R.T. 0.002 min
Lab File: VN069287.D
Acq: 29 Oct 2021 8:09

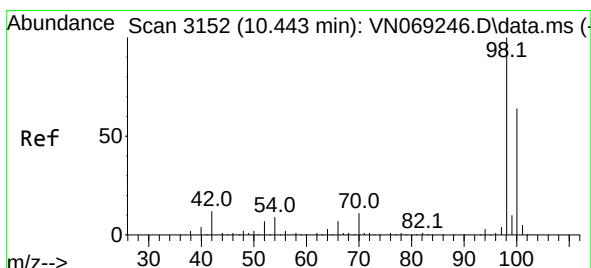
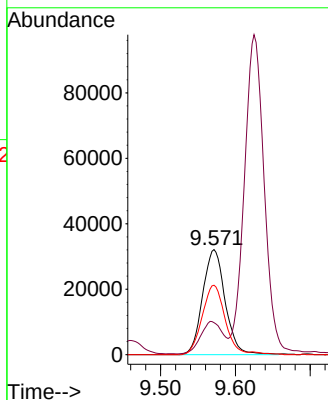
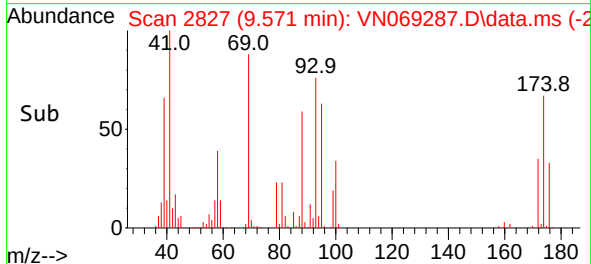
Instrument :
MSVOA_N
ClientSampleId :
MW-15DMSD



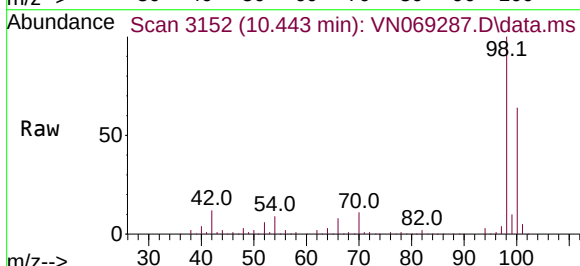
Tgt Ion: 88 Resp: 6745
Ion Ratio Lower Upper
88 100
43 29.9 24.9 37.3
58 66.1 56.9 85.3

Manual Integrations
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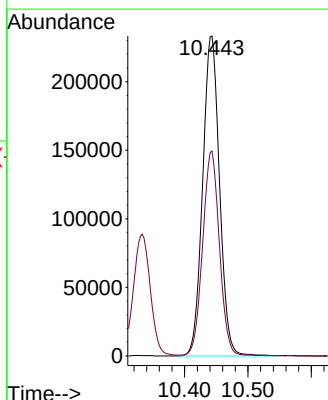
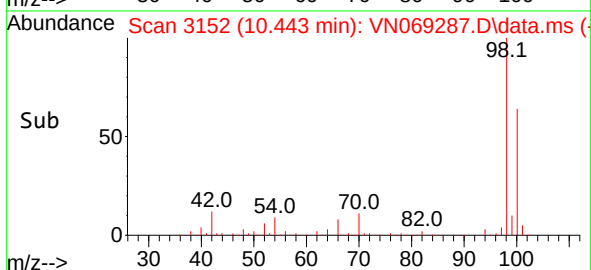
Reviewed By :John Carlone 11/01/2021
Supervised By :Mahesh Dadoda 11/01/2021

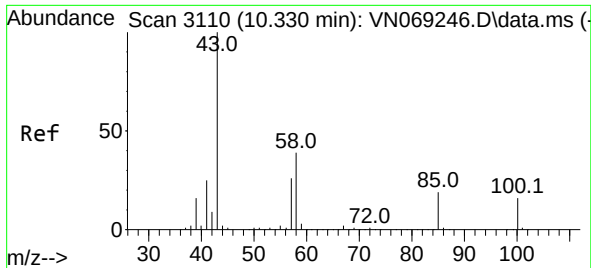


#50
Toluene-d8
Concen: 44.783 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN069287.D
Acq: 29 Oct 2021 8:09



Tgt Ion: 98 Resp: 431180
Ion Ratio Lower Upper
98 100
100 63.4 51.5 77.3





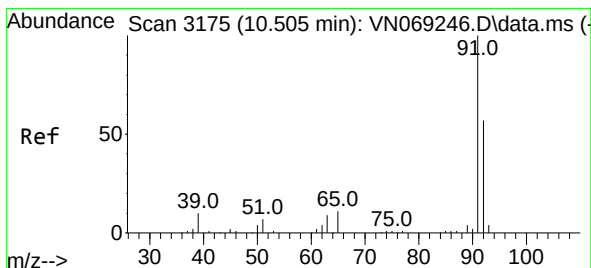
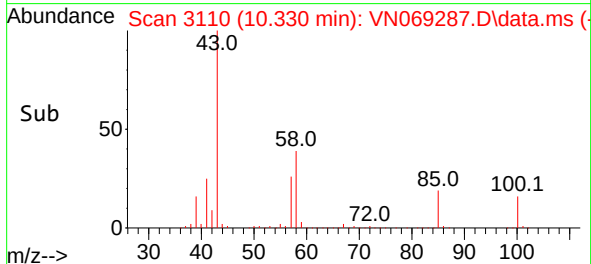
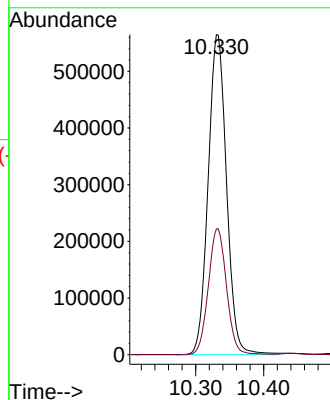
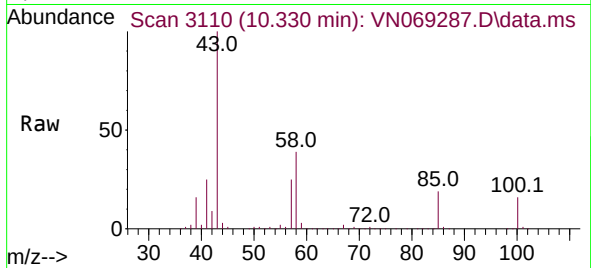
#51
4-Methyl-2-Pentanone
Concen: 246.226 ug/l
RT: 10.330 min Scan# 3110
Delta R.T. 0.000 min
Lab File: VN069287.D
Acq: 29 Oct 2021 8:09

Instrument :
MSVOA_N
ClientSampleId :
MW-15DMSD

Tgt Ion: 43 Resp: 1060358
Ion Ratio Lower Upper
43 100
58 39.1 31.0 46.4

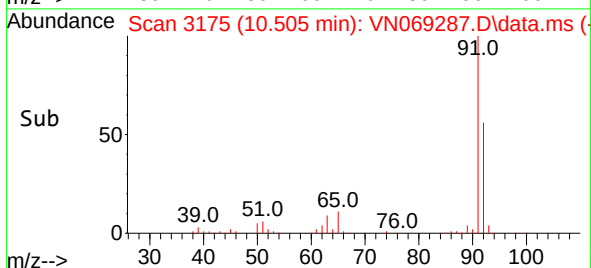
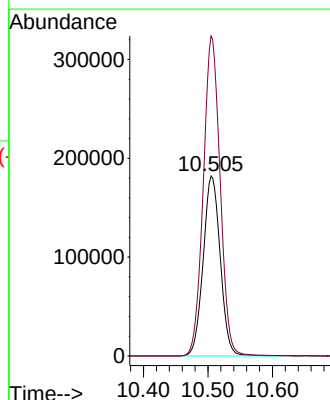
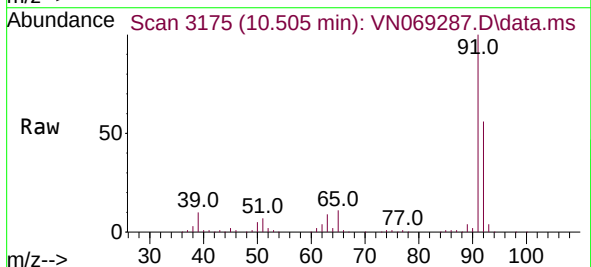
Manual Integrations
APPROVED

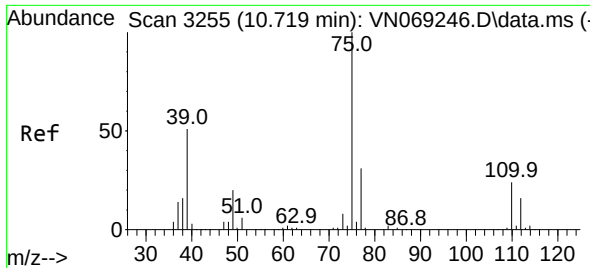
Reviewed By :John Carlone 11/01/2021
Supervised By :Mahesh Dadoda 11/01/2021



#52
Toluene
Concen: 50.933 ug/l
RT: 10.505 min Scan# 3175
Delta R.T. -0.000 min
Lab File: VN069287.D
Acq: 29 Oct 2021 8:09

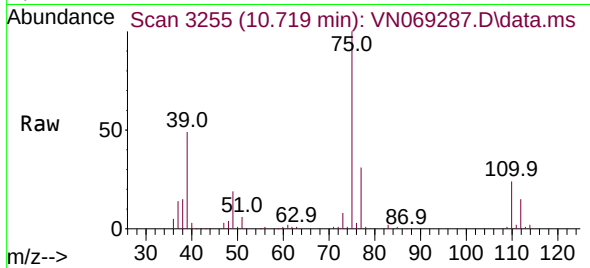
Tgt Ion: 92 Resp: 334602
Ion Ratio Lower Upper
92 100
91 176.3 138.5 207.7





#53
t-1,3-Dichloropropene
Concen: 38.293 ug/l
RT: 10.719 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN069287.D
Acq: 29 Oct 2021 8:09

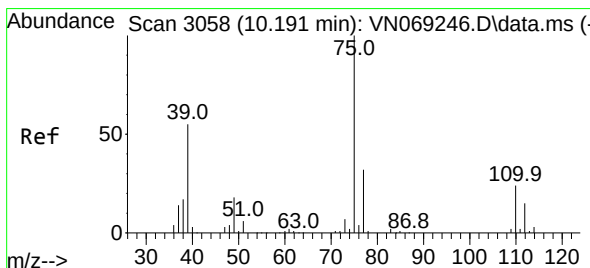
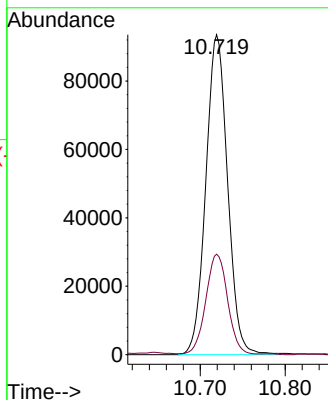
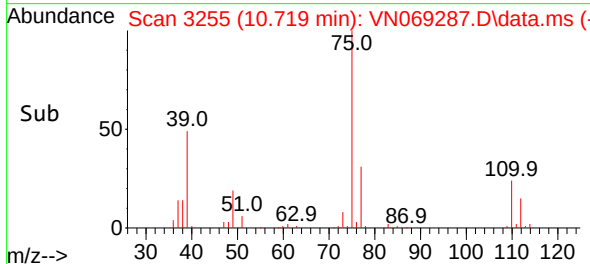
Instrument :
MSVOA_N
ClientSampleId :
MW-15DMSD



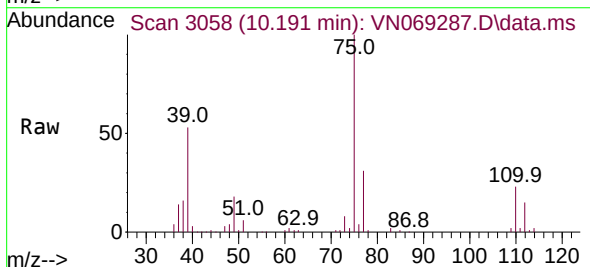
Tgt Ion: 75 Resp: 16647
Ion Ratio Lower Upper
75 100
77 31.2 25.4 38.2

Manual Integrations
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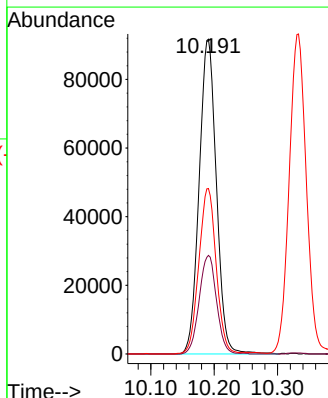
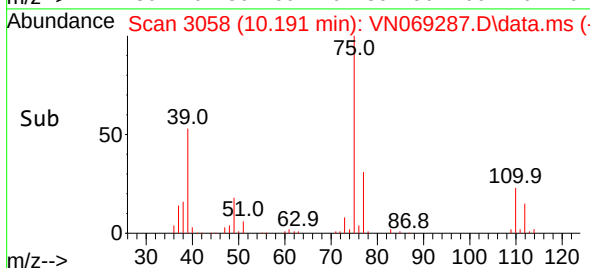
Reviewed By :John Carlone 11/01/2021
Supervised By :Mahesh Dadoda 11/01/2021

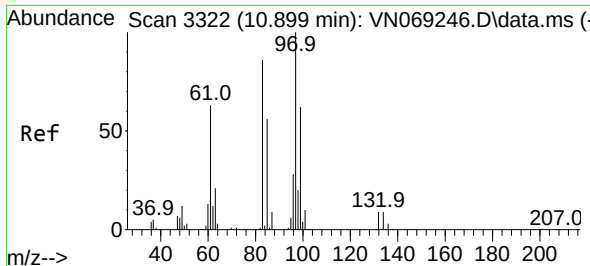


#54
cis-1,3-Dichloropropene
Concen: 38.274 ug/l
RT: 10.191 min Scan# 3058
Delta R.T. -0.000 min
Lab File: VN069287.D
Acq: 29 Oct 2021 8:09



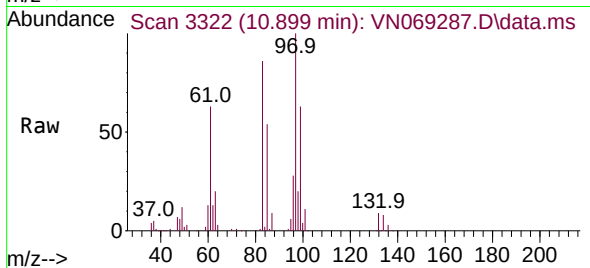
Tgt Ion: 75 Resp: 173191
Ion Ratio Lower Upper
75 100
77 31.3 25.6 38.4
39 52.4 42.9 64.3





#55
1,1,2-Trichloroethane
Concen: 53.039 ug/l
RT: 10.899 min Scan# 3322
Delta R.T. -0.000 min
Lab File: VN069287.D
Acq: 29 Oct 2021 8:09

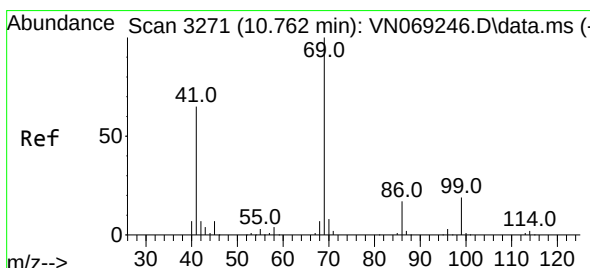
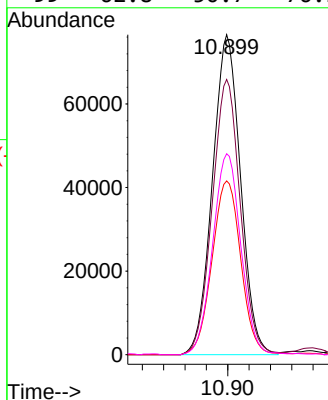
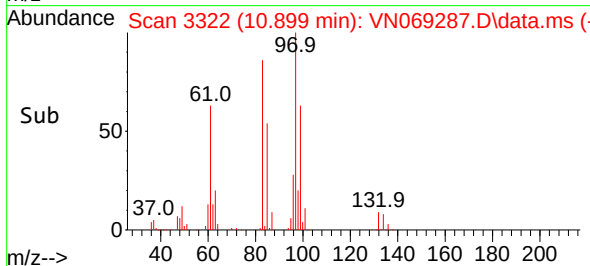
Instrument :
MSVOA_N
ClientSampleId :
MW-15DMSD



Tgt Ion:	97	Resp:	139789
Ion Ratio	Lower	Upper	
97	100		
83	86.0	70.5	105.7
85	54.3	45.3	67.9
99	62.8	50.7	76.1

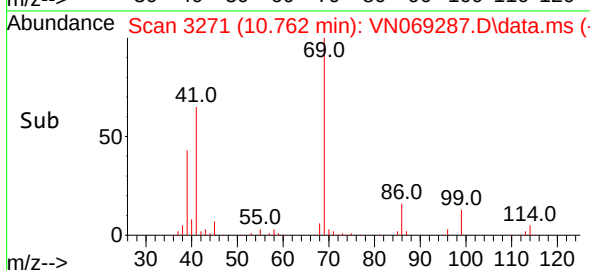
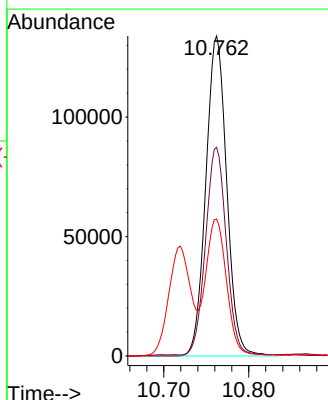
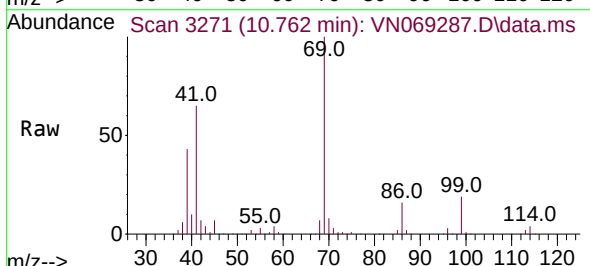
Manual Integrations
APPROVED

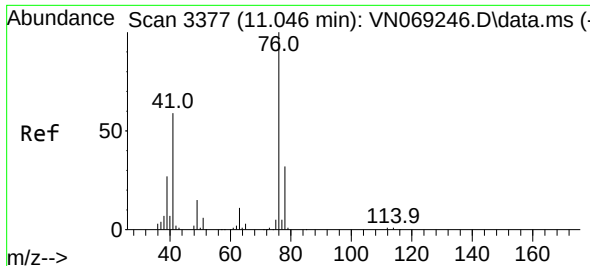
Reviewed By :John Carlone 11/01/2021
Supervised By :Mahesh Dadoda 11/01/2021



#56
Ethyl methacrylate
Concen: 47.331 ug/l
RT: 10.762 min Scan# 3271
Delta R.T. 0.000 min
Lab File: VN069287.D
Acq: 29 Oct 2021 8:09

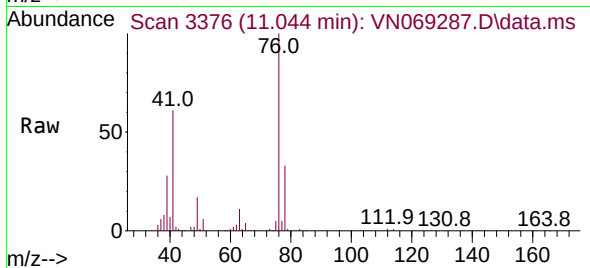
Tgt Ion:	69	Resp:	228742
Ion Ratio	Lower	Upper	
69	100		
41	64.6	53.3	79.9
39	42.0	33.3	49.9





#57
1,3-Dichloropropane
Concen: 53.082 ug/l
RT: 11.044 min Scan# 3377
Delta R.T. -0.002 min
Lab File: VN069287.D
Acq: 29 Oct 2021 8:09

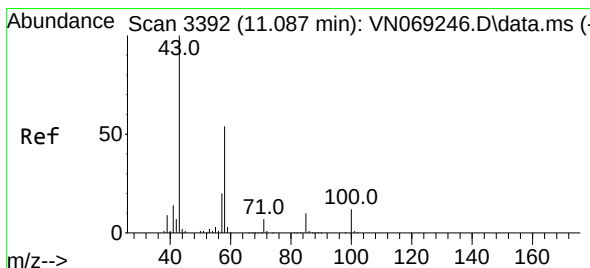
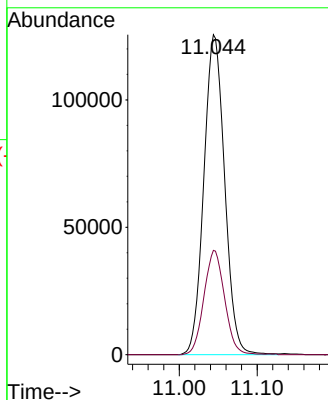
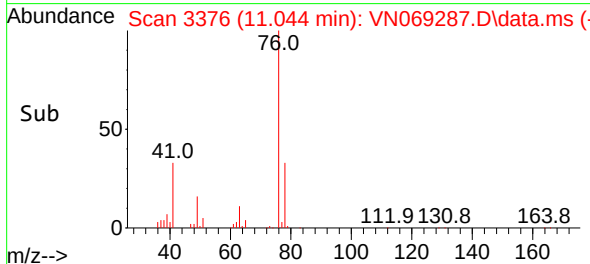
Instrument :
MSVOA_N
ClientSampleId :
MW-15DMSD



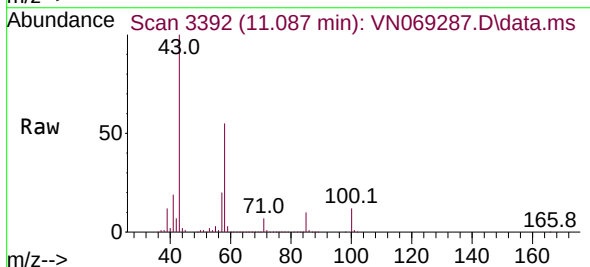
Tgt Ion: 76 Resp: 233379
Ion Ratio Lower Upper
76 100
78 32.4 25.8 38.8

Manual Integrations
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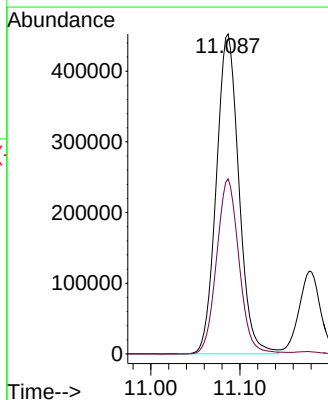
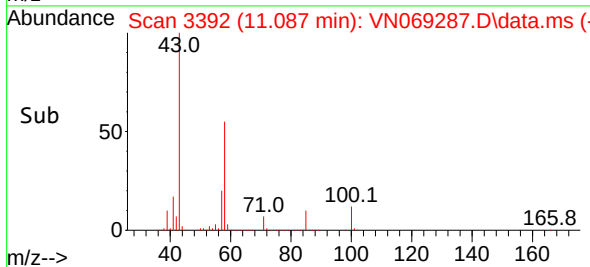
Reviewed By :John Carlone 11/01/2021
Supervised By :Mahesh Dadoda 11/01/2021

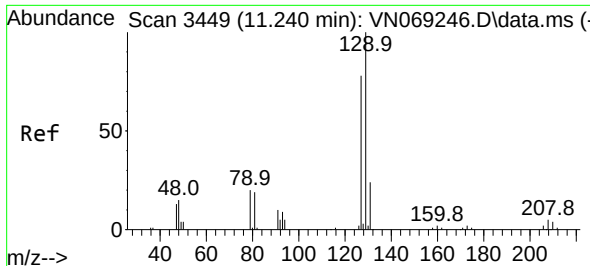


#59
2-Hexanone
Concen: 242.297 ug/l
RT: 11.087 min Scan# 3392
Delta R.T. -0.000 min
Lab File: VN069287.D
Acq: 29 Oct 2021 8:09



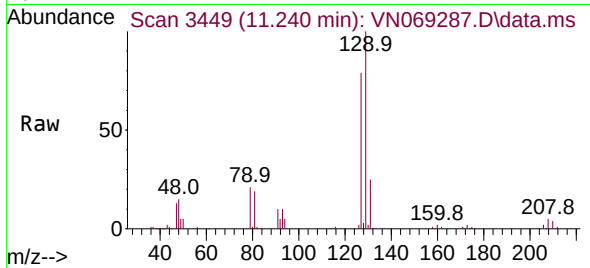
Tgt Ion: 43 Resp: 797342
Ion Ratio Lower Upper
43 100
58 54.6 26.9 80.7





#60
Dibromochloromethane
Concen: 46.411 ug/l
RT: 11.240 min Scan# 3449
Delta R.T. -0.000 min
Lab File: VN069287.D
Acq: 29 Oct 2021 8:09

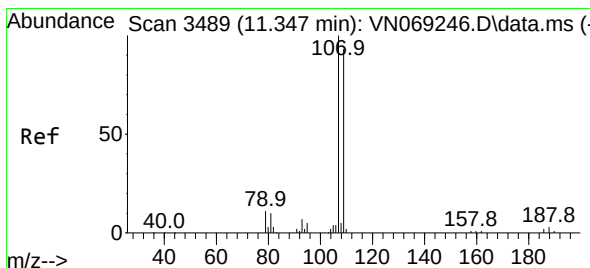
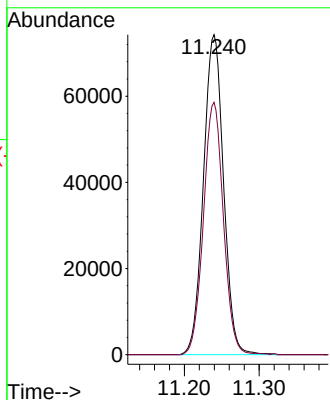
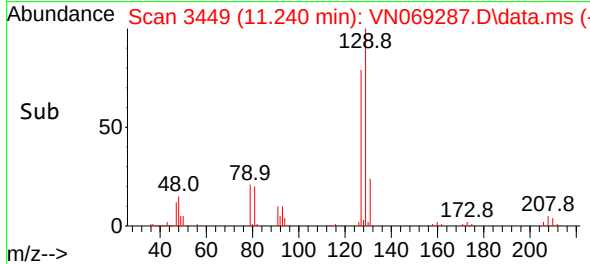
Instrument :
MSVOA_N
ClientSampleId :
MW-15DMSD



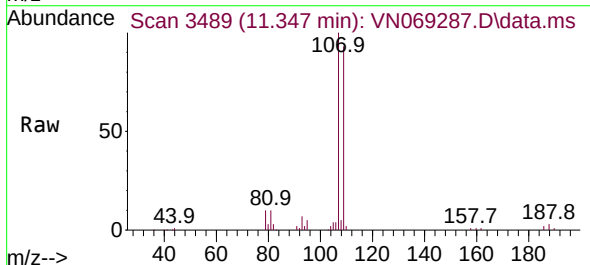
Tgt Ion:129 Resp: 13881
Ion Ratio Lower Upper
129 100
127 78.4 39.1 117.2

Manual Integrations
APPROVED

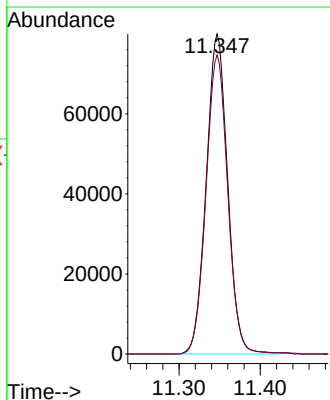
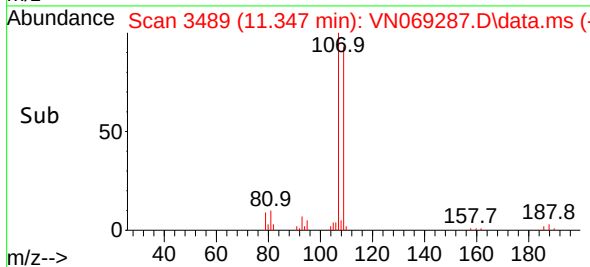
Reviewed By :John Carlone 11/01/2021
Supervised By :Mahesh Dadoda 11/01/2021

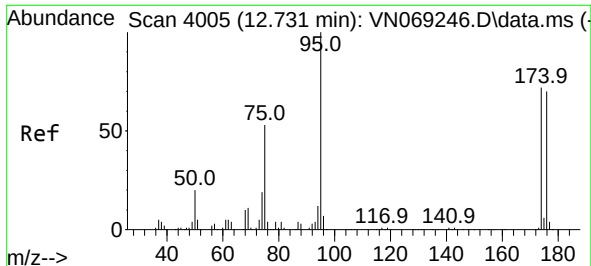


#61
1,2-Dibromoethane
Concen: 48.604 ug/l
RT: 11.347 min Scan# 3489
Delta R.T. -0.000 min
Lab File: VN069287.D
Acq: 29 Oct 2021 8:09



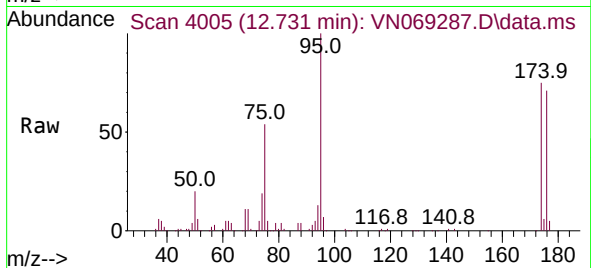
Tgt Ion:107 Resp: 146210
Ion Ratio Lower Upper
107 100
109 94.9 74.7 112.1





#62
4-Bromofluorobenzene
Concen: 44.753 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN069287.D
Acq: 29 Oct 2021 8:09

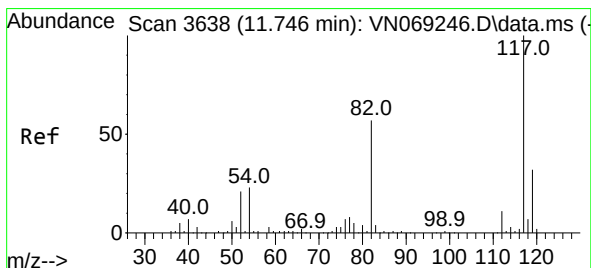
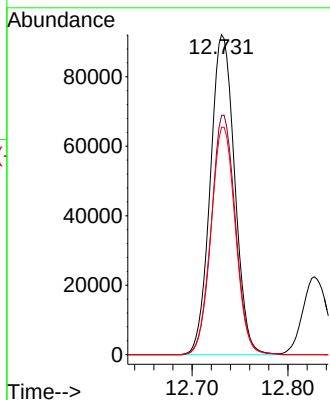
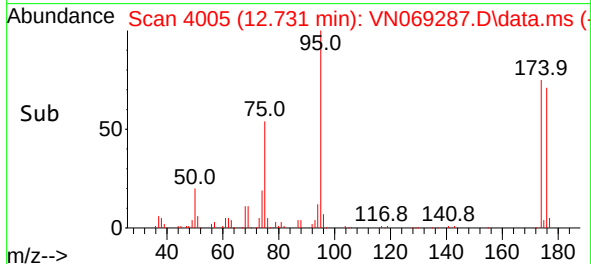
Instrument :
MSVOA_N
ClientSampleId :
MW-15DMSD



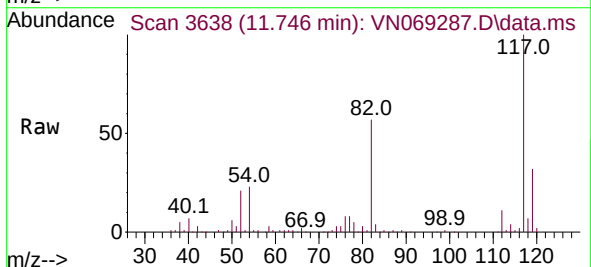
Tgt Ion: 95 Resp: 162597
Ion Ratio Lower Upper
95 100
174 74.1 0.0 144.8
176 71.4 0.0 140.0

Manual Integrations
APPROVED

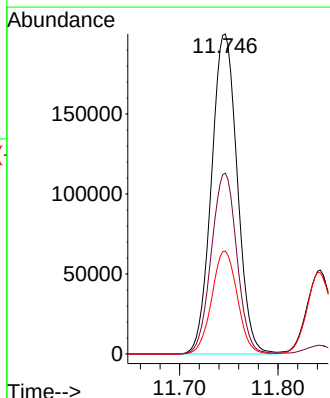
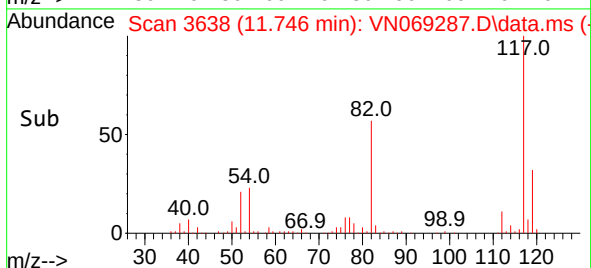
Reviewed By :John Carlone 11/01/2021
Supervised By :Mahesh Dadoda 11/01/2021

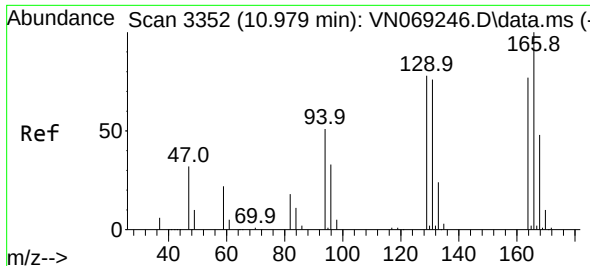


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.746 min Scan# 3638
Delta R.T. 0.000 min
Lab File: VN069287.D
Acq: 29 Oct 2021 8:09



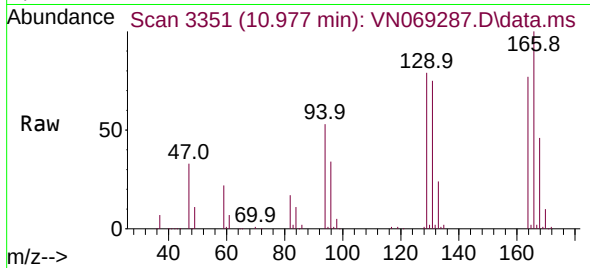
Tgt Ion:117 Resp: 365224
Ion Ratio Lower Upper
117 100
82 56.5 46.4 69.6
119 32.2 26.0 39.0





#64
Tetrachloroethene
Concen: 47.645 ug/l
RT: 10.977 min Scan# 3351
Delta R.T. -0.002 min
Lab File: VN069287.D
Acq: 29 Oct 2021 8:09

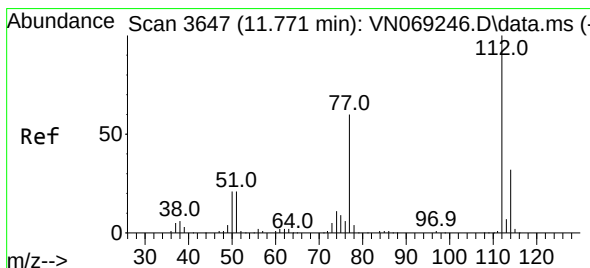
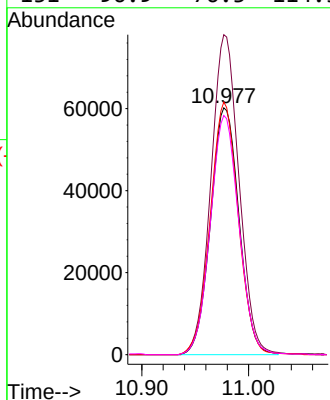
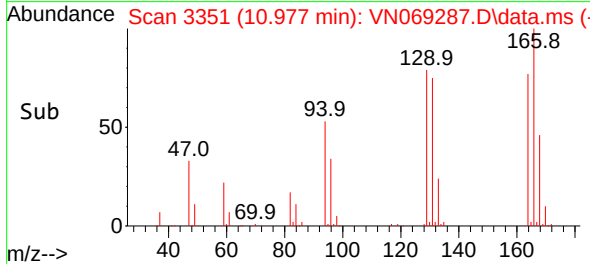
Instrument :
MSVOA_N
ClientSampleId :
MW-15DMSD



Tgt Ion:164 Resp: 111148
Ion Ratio Lower Upper
164 100
166 129.6 99.8 149.8
129 102.3 79.2 118.8
131 96.9 76.3 114.5

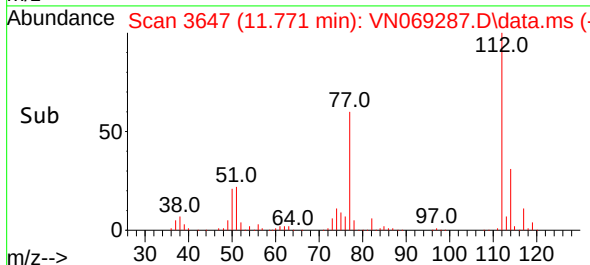
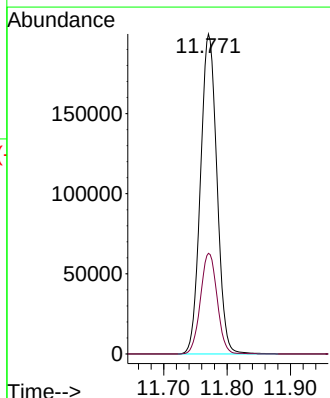
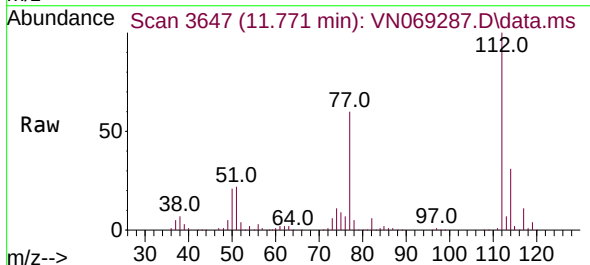
Manual Integrations
APPROVED

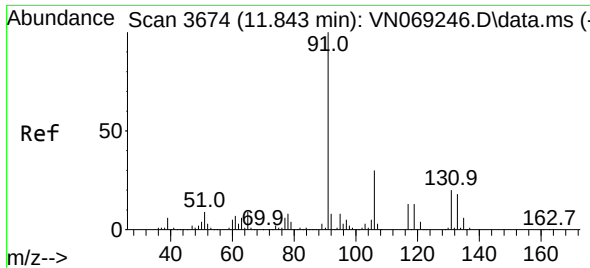
Reviewed By :John Carlone 11/01/2021
Supervised By :Mahesh Dadoda 11/01/2021



#65
Chlorobenzene
Concen: 50.100 ug/l
RT: 11.771 min Scan# 3647
Delta R.T. -0.000 min
Lab File: VN069287.D
Acq: 29 Oct 2021 8:09

Tgt Ion:112 Resp: 360086
Ion Ratio Lower Upper
112 100
114 31.5 25.5 38.3





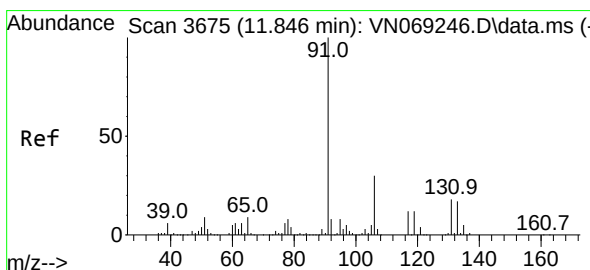
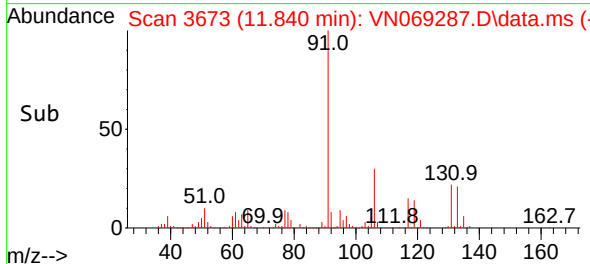
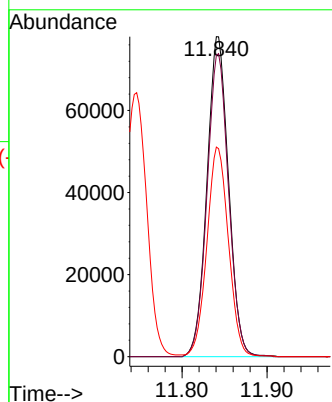
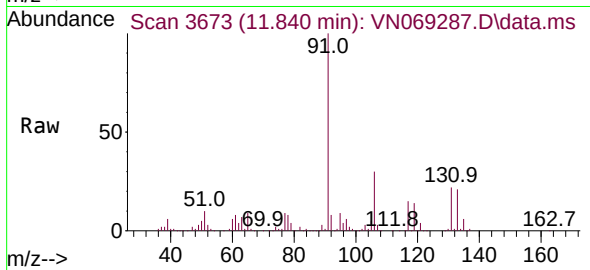
#66
1,1,1,2-Tetrachloroethane
Concen: 49.541 ug/l
RT: 11.840 min Scan# 3674
Delta R.T. -0.003 min
Lab File: VN069287.D
Acq: 29 Oct 2021 8:09

Instrument :
MSVOA_N
Client Sample Id :
MW-15DMSD

Tgt Ion:131 Resp: 137579
Ion Ratio Lower Upper
131 100
133 94.8 47.3 142.0
119 65.7 33.0 99.0

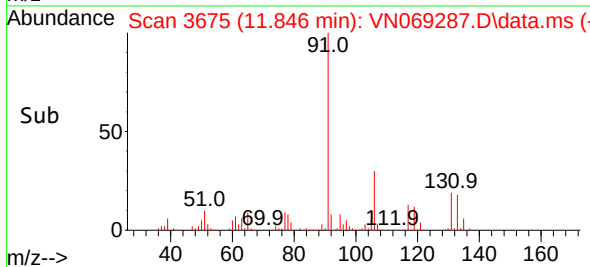
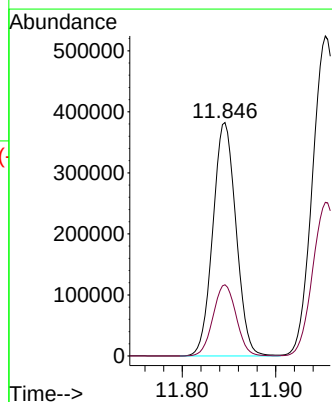
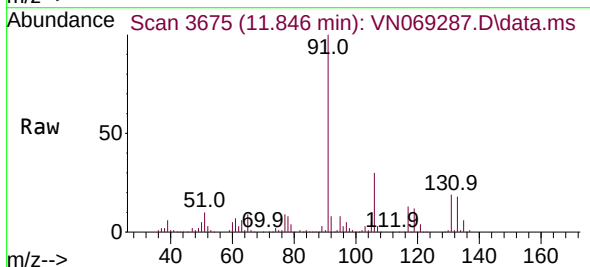
Manual Integrations
APPROVED

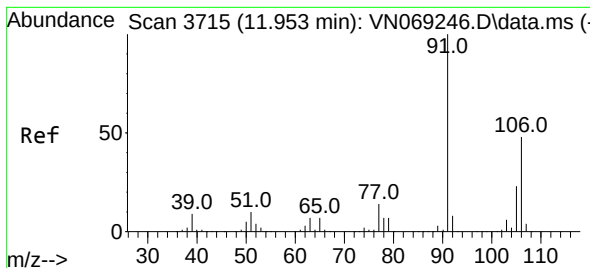
Reviewed By :John Carlone 11/01/2021
Supervised By :Mahesh Dadoda 11/01/2021



#67
Ethyl Benzene
Concen: 50.374 ug/l
RT: 11.846 min Scan# 3675
Delta R.T. -0.000 min
Lab File: VN069287.D
Acq: 29 Oct 2021 8:09

Tgt Ion: 91 Resp: 659578
Ion Ratio Lower Upper
91 100
106 30.5 24.8 37.2





#68

m/p-Xylenes

Concen: 101.565 ug/l

RT: 11.953 min Scan# 3715

Delta R.T. -0.000 min

Lab File: VN069287.D

Acq: 29 Oct 2021 8:09

Instrument :

MSVOA_N

ClientSampleId :

MW-15DMSD

Tgt Ion:106 Resp: 49537

Ion Ratio Lower Upper

106 100

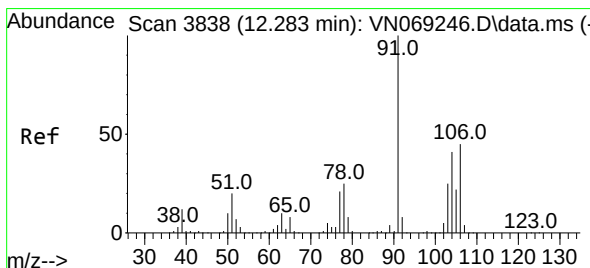
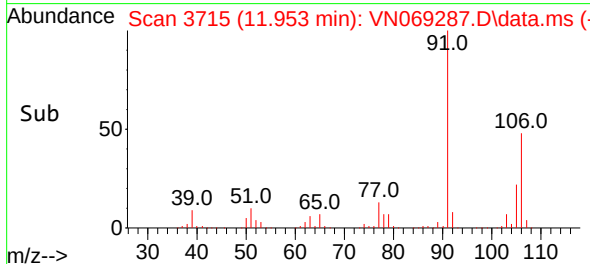
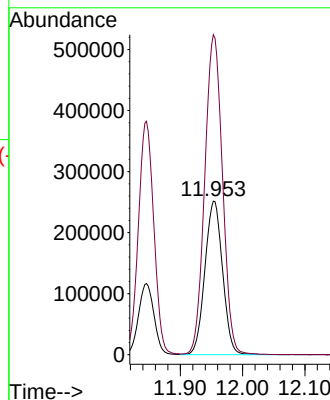
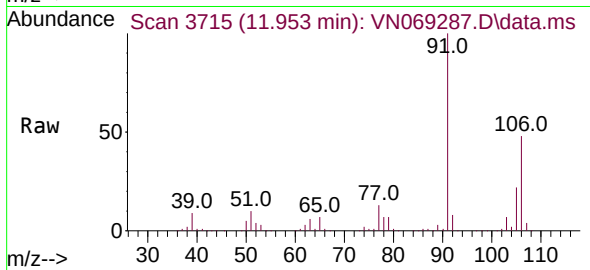
91 209.3 166.8 250.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/01/2021

Supervised By :Mahesh Dadoda 11/01/2021



#69

o-Xylene

Concen: 51.532 ug/l

RT: 12.283 min Scan# 3838

Delta R.T. -0.000 min

Lab File: VN069287.D

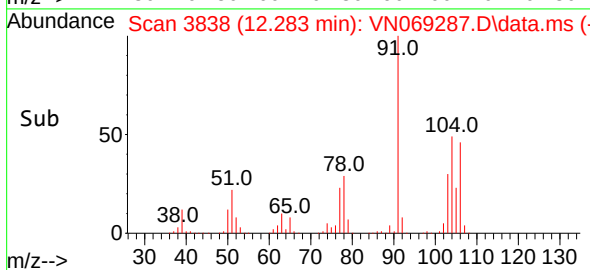
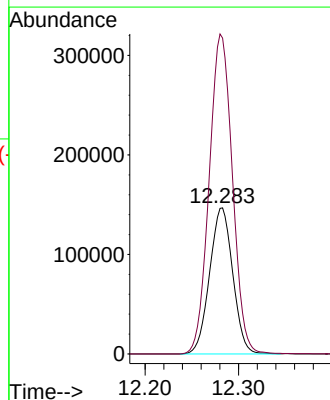
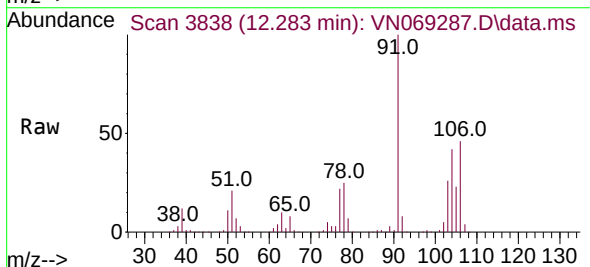
Acq: 29 Oct 2021 8:09

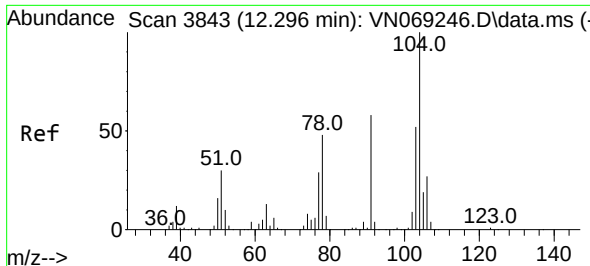
Tgt Ion:106 Resp: 252963

Ion Ratio Lower Upper

106 100

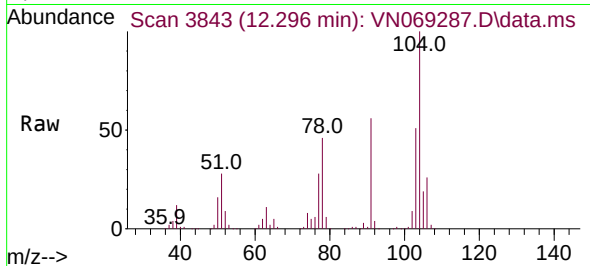
91 220.1 109.6 328.6





#70
Styrene
Concen: 46.193 ug/l
RT: 12.296 min Scan# 3843
Delta R.T. 0.000 min
Lab File: VN069287.D
Acq: 29 Oct 2021 8:09

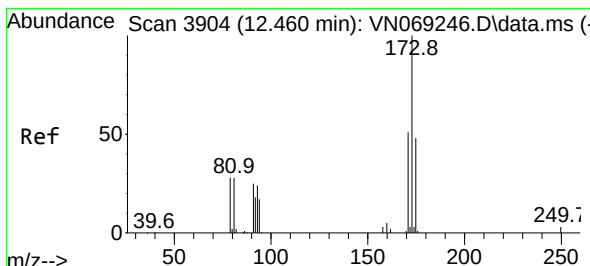
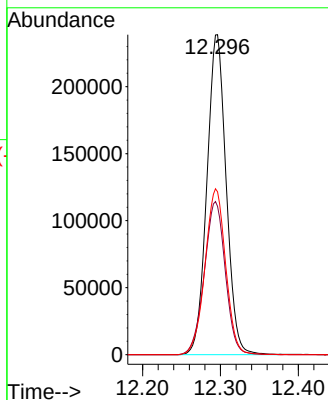
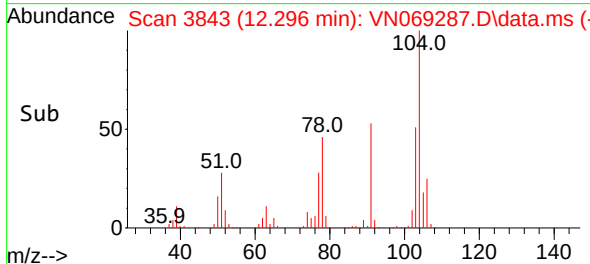
Instrument :
MSVOA_N
ClientSampleId :
MW-15DMSD



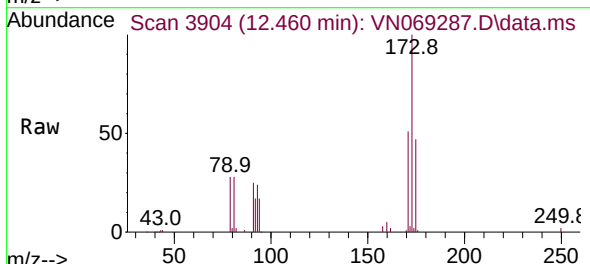
Tgt Ion:104 Resp: 41108
Ion Ratio Lower Upper
104 100
78 52.2 42.2 63.4
103 55.6 44.4 66.6

Manual Integrations
APPROVED

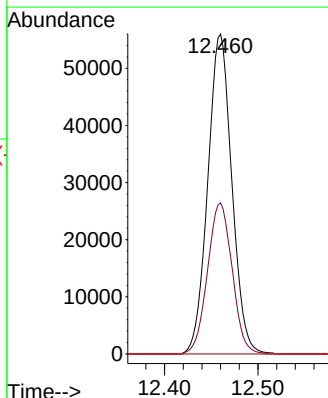
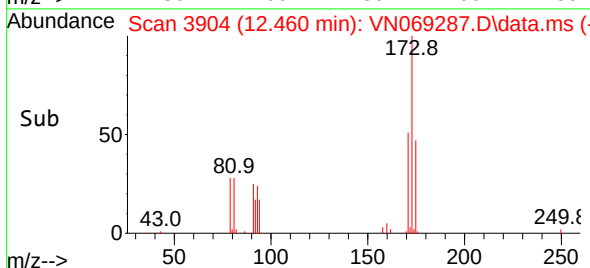
Reviewed By :John Carlone 11/01/2021
Supervised By :Mahesh Dadoda 11/01/2021

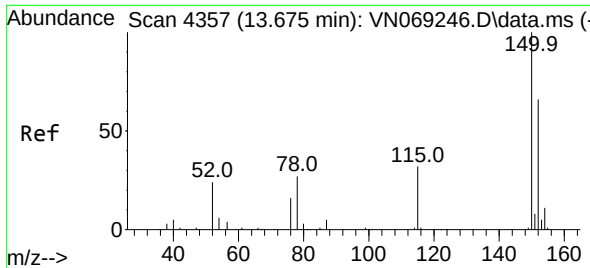


#71
Bromoform
Concen: 44.620 ug/l
RT: 12.460 min Scan# 3904
Delta R.T. -0.000 min
Lab File: VN069287.D
Acq: 29 Oct 2021 8:09



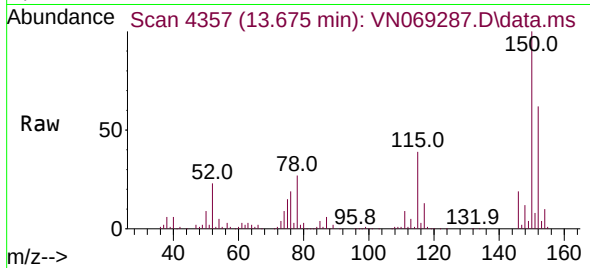
Tgt Ion:173 Resp: 100277
Ion Ratio Lower Upper
173 100
175 48.3 23.8 71.5
254 0.0 0.0 0.0





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 4357
Delta R.T. -0.000 min
Lab File: VN069287.D
Acq: 29 Oct 2021 8:09

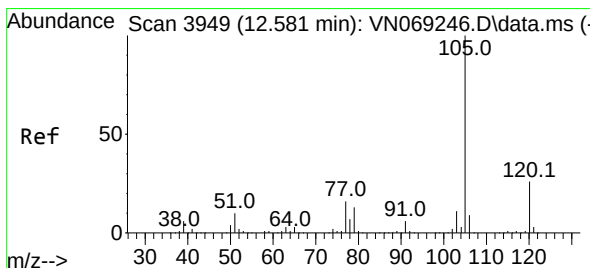
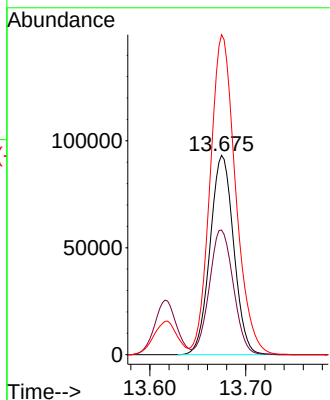
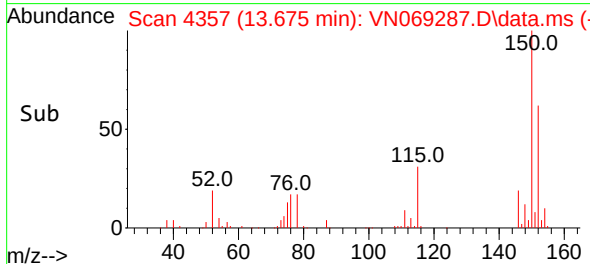
Instrument :
MSVOA_N
ClientSampleId :
MW-15DMSD



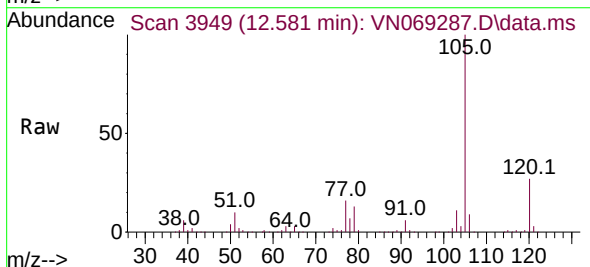
Tgt Ion:152 Resp: 159608
Ion Ratio Lower Upper
152 100
115 63.7 31.4 94.3
150 173.3 0.0 351.0

Manual Integrations
APPROVED

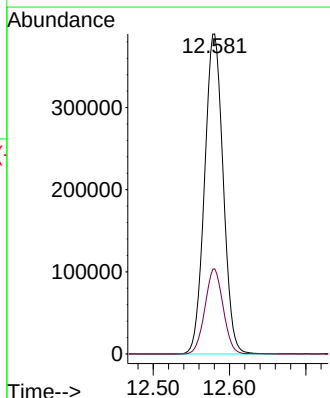
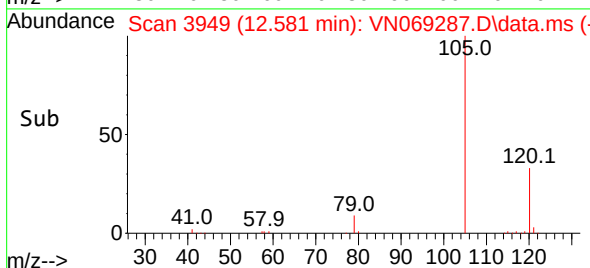
Reviewed By :John Carlone 11/01/2021
Supervised By :Mahesh Dadoda 11/01/2021

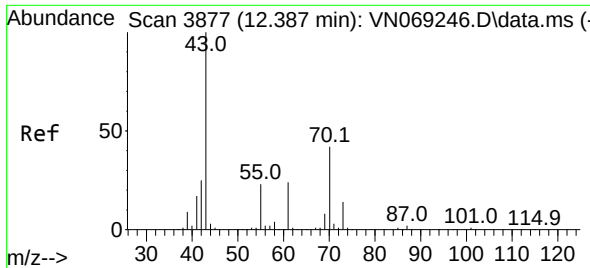


#73
Isopropylbenzene
Concen: 49.038 ug/l
RT: 12.581 min Scan# 3949
Delta R.T. -0.000 min
Lab File: VN069287.D
Acq: 29 Oct 2021 8:09



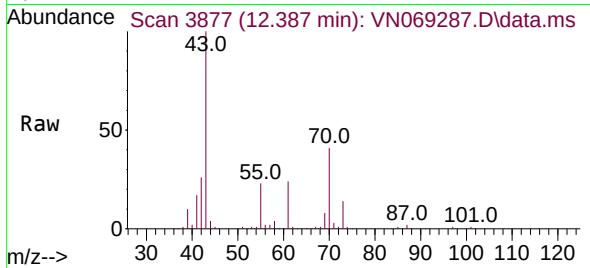
Tgt Ion:105 Resp: 657908
Ion Ratio Lower Upper
105 100
120 26.1 13.1 39.3





#74
N-amy1 acetate
Concen: 34.242 ug/l
RT: 12.387 min Scan# 3877
Delta R.T. 0.000 min
Lab File: VN069287.D
Acq: 29 Oct 2021 8:09

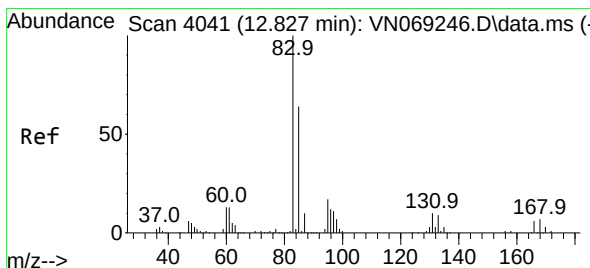
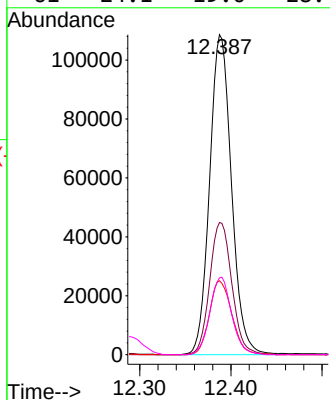
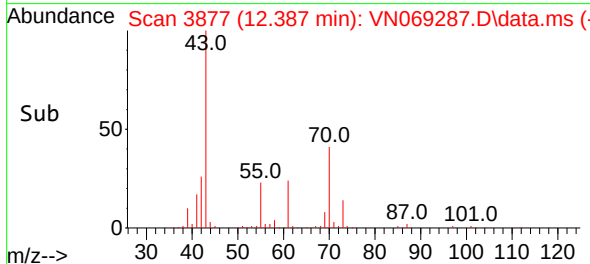
Instrument :
MSVOA_N
ClientSampleId :
MW-15DMSD



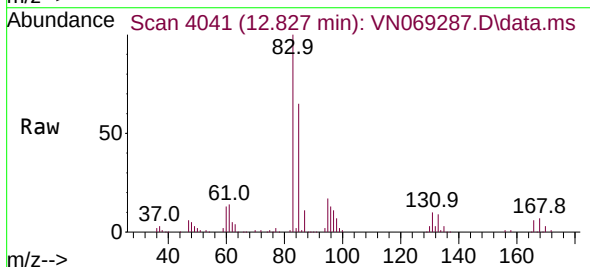
Tgt Ion: 43 Resp: 180974
Ion Ratio Lower Upper
43 100
70 41.9 32.2 48.2
55 23.8 18.0 27.0
61 24.1 19.0 28.4

Manual Integrations
APPROVED

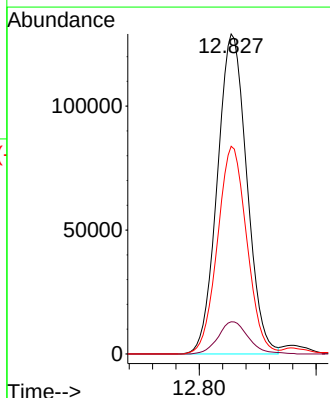
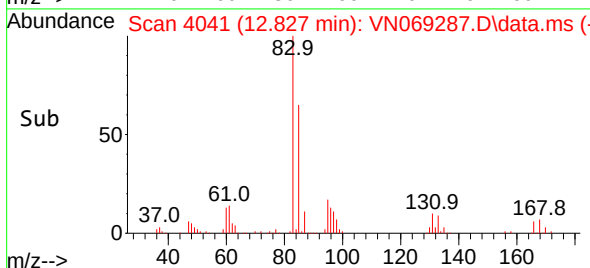
Reviewed By :John Carlone 11/01/2021
Supervised By :Mahesh Dadoda 11/01/2021

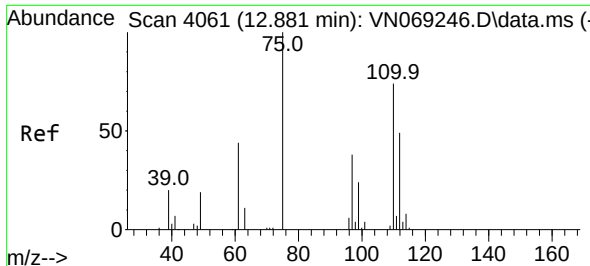


#75
1,1,2,2-Tetrachloroethane
Concen: 52.951 ug/l
RT: 12.827 min Scan# 4041
Delta R.T. 0.000 min
Lab File: VN069287.D
Acq: 29 Oct 2021 8:09



Tgt Ion: 83 Resp: 226776
Ion Ratio Lower Upper
83 100
131 10.3 5.1 15.2
85 64.4 32.3 96.8





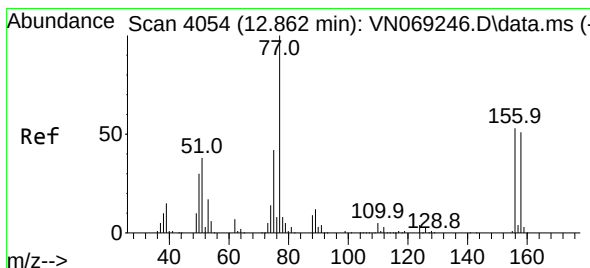
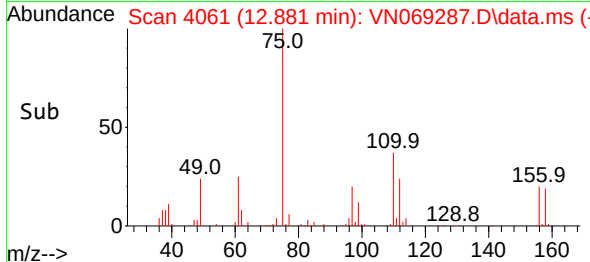
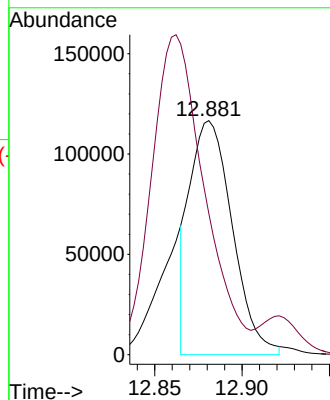
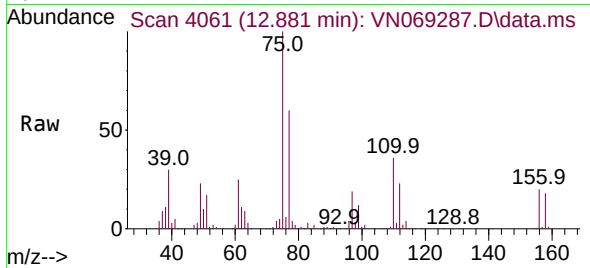
#76
1,2,3-Trichloropropane
Concen: 47.106 ug/l m
RT: 12.881 min Scan# 4061
Delta R.T. -0.000 min
Lab File: VN069287.D
Acq: 29 Oct 2021 8:09

Instrument :
MSVOA_N
ClientSampleId :
MW-15DMSD

Tgt Ion: 75 Resp: 197749
Ion Ratio Lower Upper
75 100
77 170.2 96.2 288.4

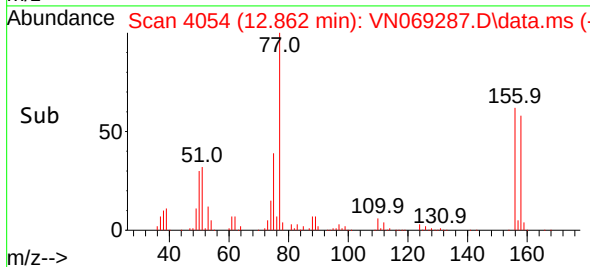
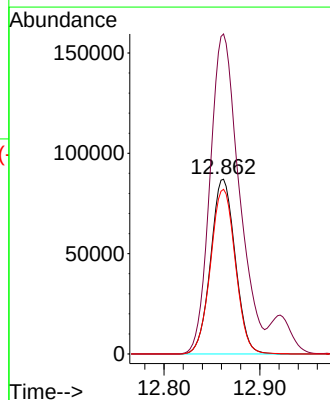
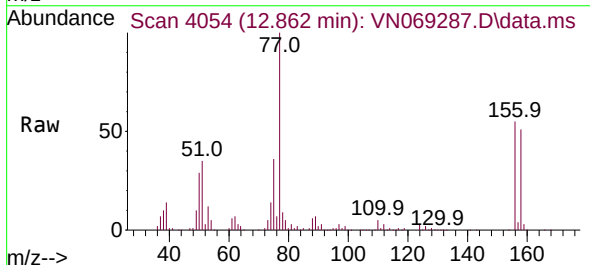
Manual Integrations
APPROVED

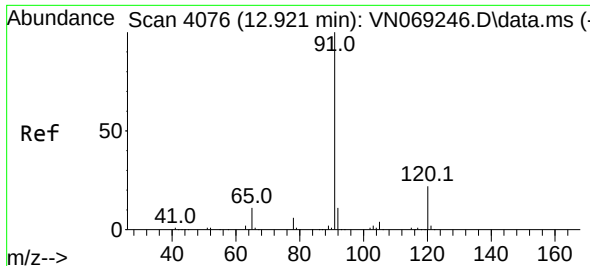
Reviewed By :John Carlone 11/01/2021
Supervised By :Mahesh Dadoda 11/01/2021



#77
Bromobenzene
Concen: 49.141 ug/l
RT: 12.862 min Scan# 4054
Delta R.T. 0.000 min
Lab File: VN069287.D
Acq: 29 Oct 2021 8:09

Tgt Ion:156 Resp: 154661
Ion Ratio Lower Upper
156 100
77 217.6 111.8 335.3
158 95.5 48.4 145.0





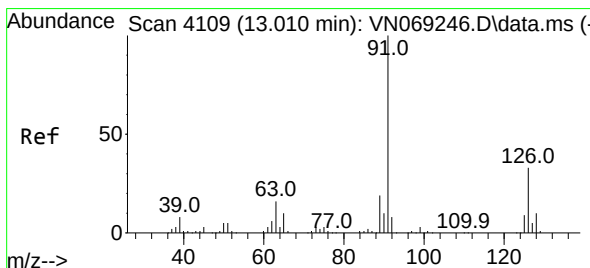
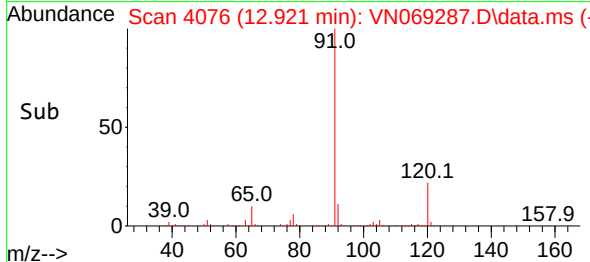
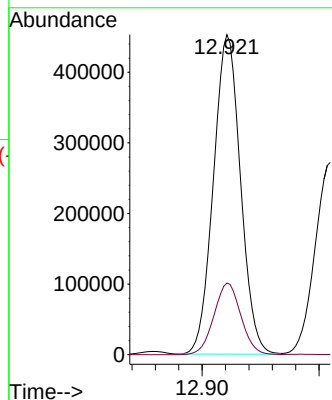
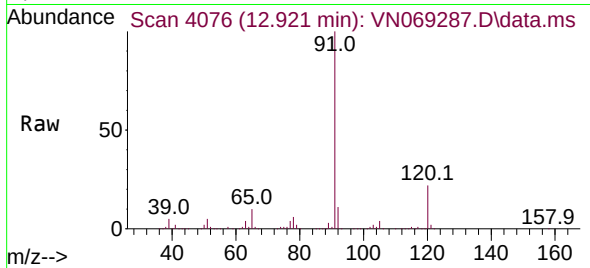
#78
n-propylbenzene
Concen: 47.856 ug/l
RT: 12.921 min Scan# 4076
Delta R.T. 0.000 min
Lab File: VN069287.D
Acq: 29 Oct 2021 8:09

Instrument :
MSVOA_N
ClientSampleId :
MW-15DMSD

Tgt Ion: 91 Resp: 72675
Ion Ratio Lower Upper
91 100
120 22.4 11.4 34.1

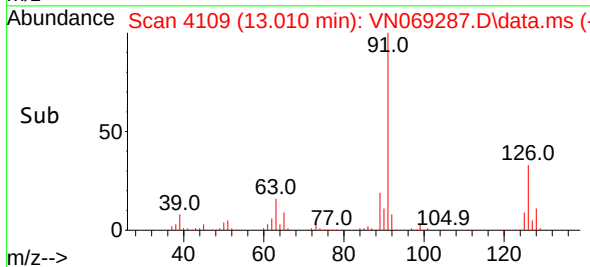
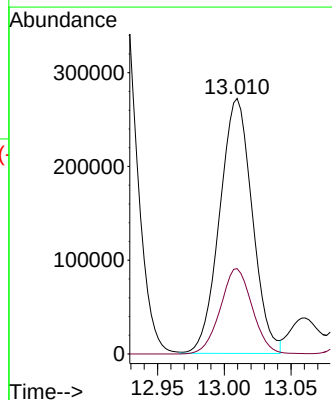
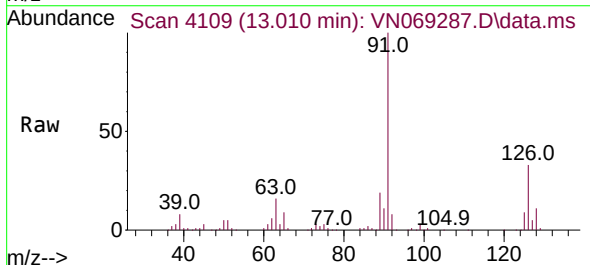
Manual Integrations
APPROVED

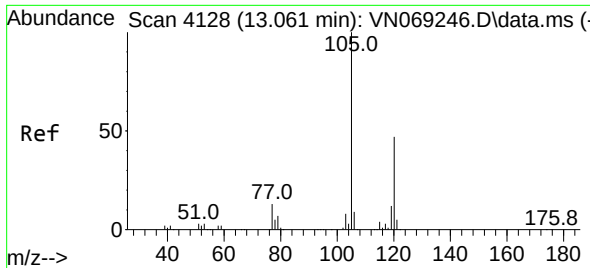
Reviewed By :John Carlone 11/01/2021
Supervised By :Mahesh Dadoda 11/01/2021



#79
2-Chlorotoluene
Concen: 48.387 ug/l
RT: 13.010 min Scan# 4109
Delta R.T. -0.000 min
Lab File: VN069287.D
Acq: 29 Oct 2021 8:09

Tgt Ion: 91 Resp: 462789
Ion Ratio Lower Upper
91 100
126 32.8 16.4 49.4





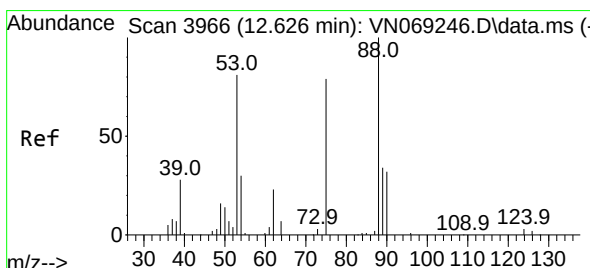
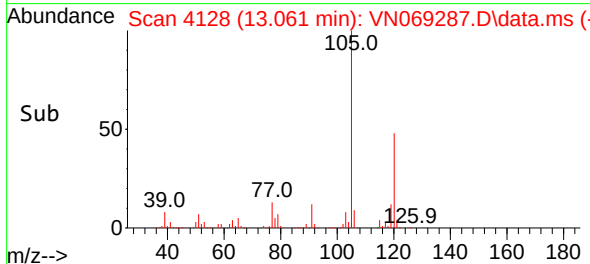
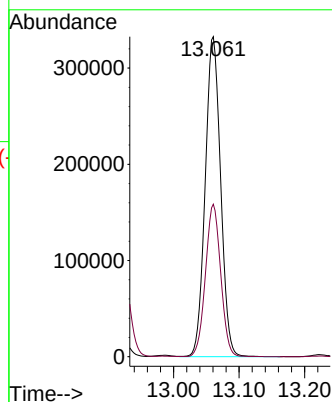
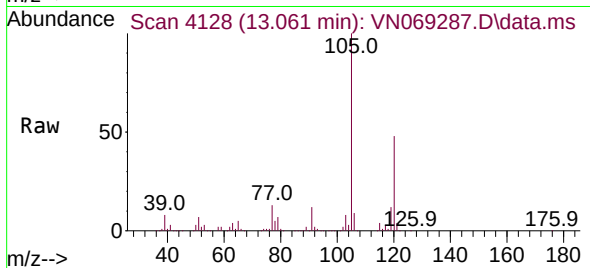
#80
1,3,5-Trimethylbenzene
Concen: 48.734 ug/l
RT: 13.061 min Scan# 4128
Delta R.T. -0.000 min
Lab File: VN069287.D
Acq: 29 Oct 2021 8:09

Instrument :
MSVOA_N
ClientSampleId :
MW-15DMSD

Tgt Ion:105 Resp: 542794
Ion Ratio Lower Upper
105 100
120 46.9 23.4 70.2

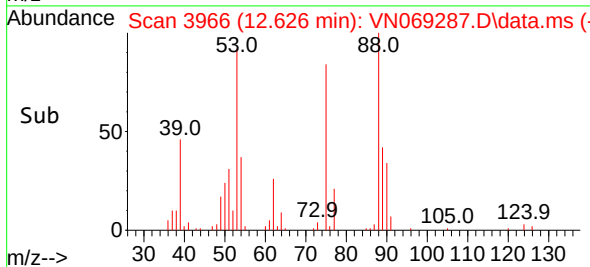
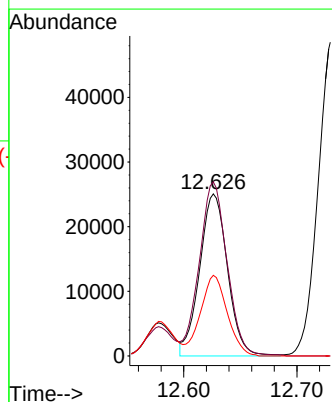
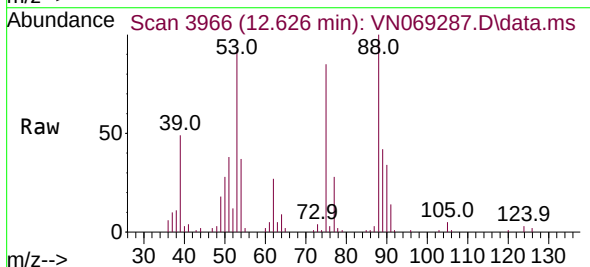
Manual Integrations
APPROVED

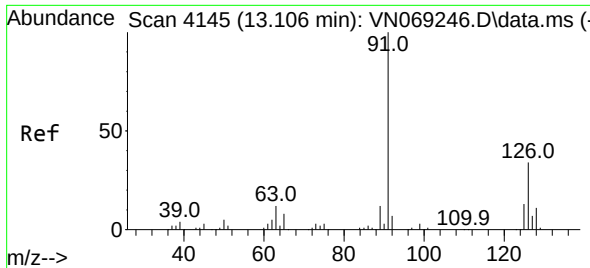
Reviewed By :John Carlone 11/01/2021
Supervised By :Mahesh Dadoda 11/01/2021



#81
trans-1,4-Dichloro-2-butene
Concen: 31.727 ug/l
RT: 12.626 min Scan# 3966
Delta R.T. 0.000 min
Lab File: VN069287.D
Acq: 29 Oct 2021 8:09

Tgt Ion: 75 Resp: 42830
Ion Ratio Lower Upper
75 100
53 107.5 75.4 113.2
89 48.1 36.9 55.3





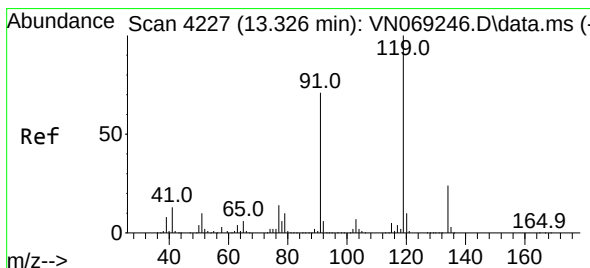
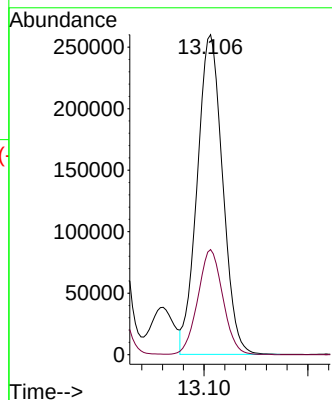
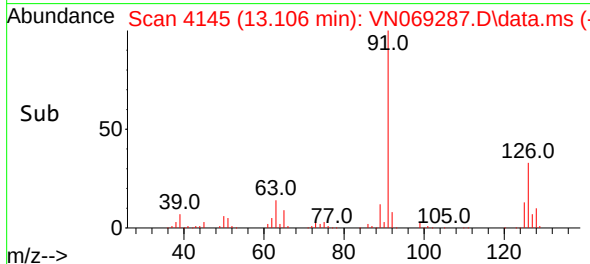
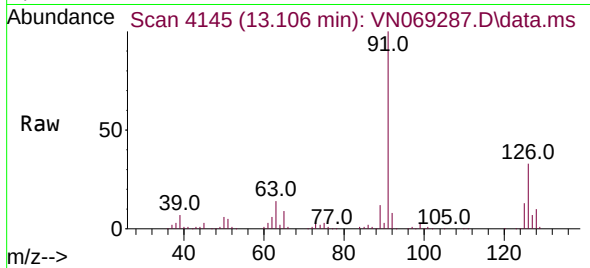
#82
4-Chlorotoluene
Concen: 46.745 ug/l
RT: 13.106 min Scan# 4145
Delta R.T. 0.000 min
Lab File: VN069287.D
Acq: 29 Oct 2021 8:09

Instrument :
MSVOA_N
ClientSampleId :
MW-15DMSD

Tgt Ion: 91 Resp: 440954
Ion Ratio Lower Upper
91 100
126 32.5 16.3 48.8

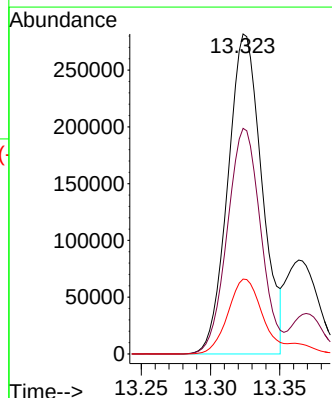
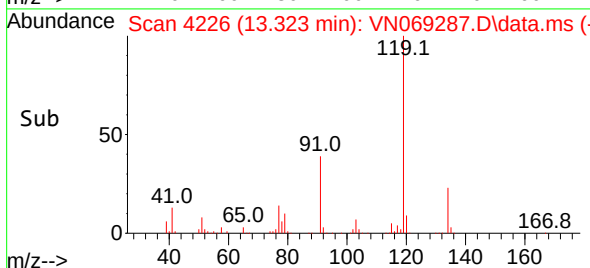
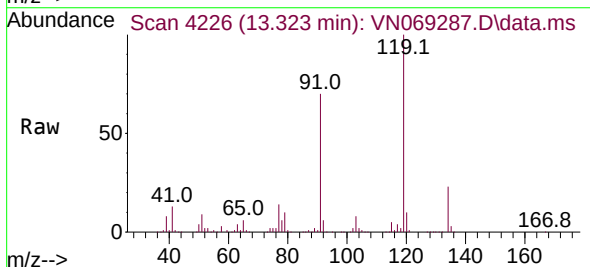
Manual Integrations
APPROVED

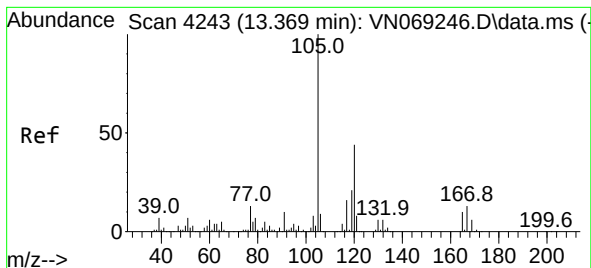
Reviewed By :John Carlone 11/01/2021
Supervised By :Mahesh Dadoda 11/01/2021



#83
tert-Butylbenzene
Concen: 49.478 ug/l
RT: 13.323 min Scan# 4226
Delta R.T. -0.003 min
Lab File: VN069287.D
Acq: 29 Oct 2021 8:09

Tgt Ion:119 Resp: 480802
Ion Ratio Lower Upper
119 100
91 69.7 34.6 103.9
134 23.9 12.6 37.6





#84

1,2,4-Trimethylbenzene

Concen: 48.781 ug/l

RT: 13.369 min Scan# 4243

Delta R.T. 0.000 min

Lab File: VN069287.D

Acq: 29 Oct 2021 8:09

Instrument :

MSVOA_N

ClientSampleId :

MW-15DMSD

Tgt Ion:105 Resp: 53139

Ion Ratio Lower Upper

105 100

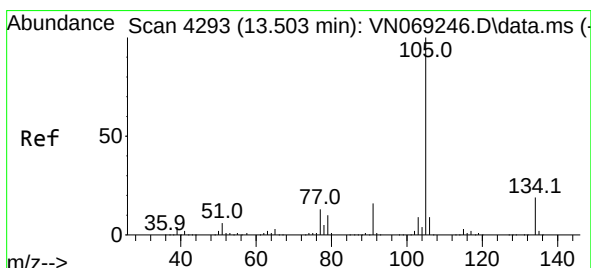
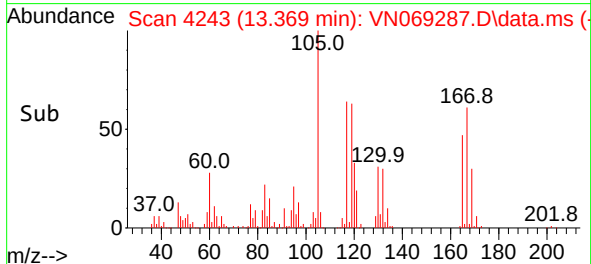
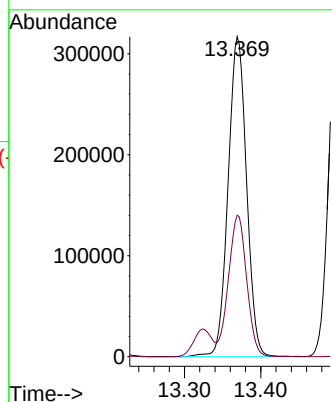
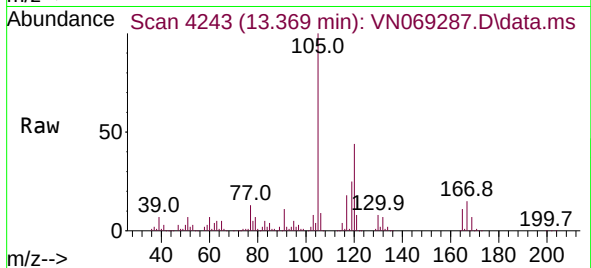
120 43.6 21.9 65.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/01/2021

Supervised By :Mahesh Dadoda 11/01/2021



#85

sec-Butylbenzene

Concen: 47.900 ug/l

RT: 13.503 min Scan# 4293

Delta R.T. 0.000 min

Lab File: VN069287.D

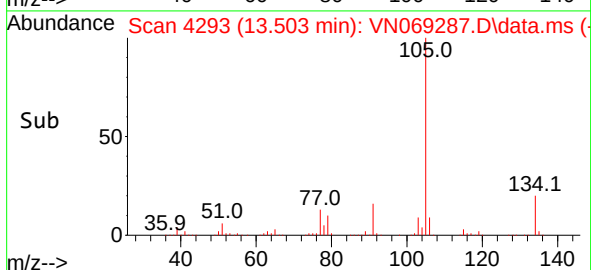
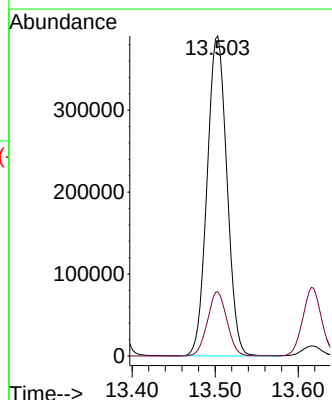
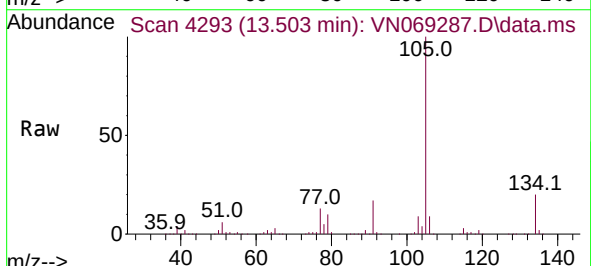
Acq: 29 Oct 2021 8:09

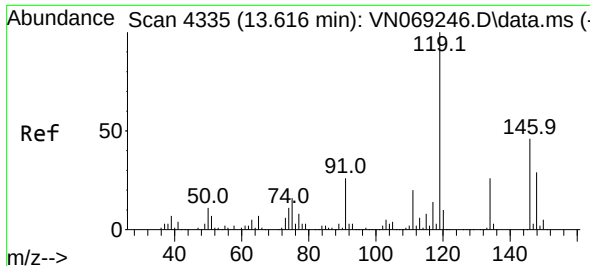
Tgt Ion:105 Resp: 644913

Ion Ratio Lower Upper

105 100

134 19.8 9.8 29.4





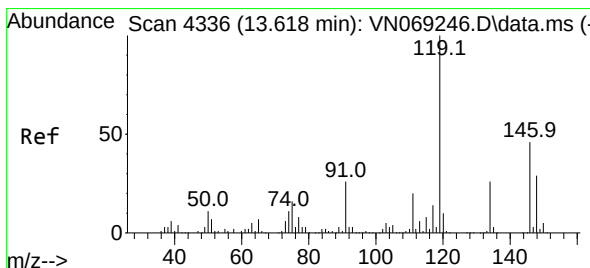
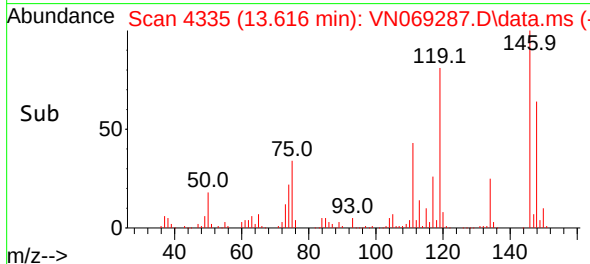
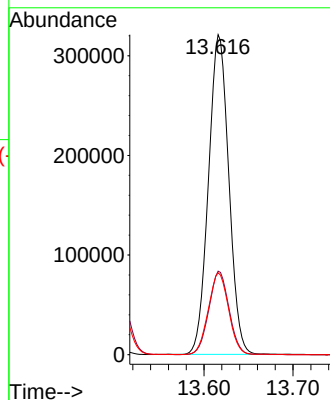
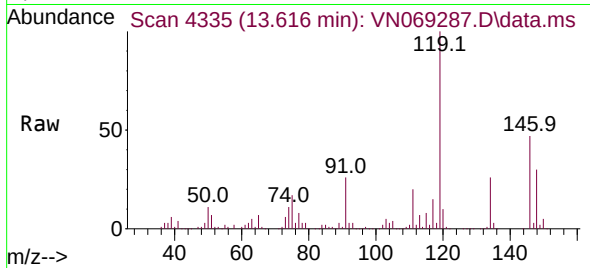
#86
p-Isopropyltoluene
Concen: 47.376 ug/l
RT: 13.616 min Scan# 4335
Delta R.T. -0.000 min
Lab File: VN069287.D
Acq: 29 Oct 2021 8:09

Instrument :
MSVOA_N
ClientSampleId :
MW-15DMSD

Tgt Ion:119 Resp: 508702
Ion Ratio Lower Upper
119 100
134 25.9 12.9 38.6
91 25.4 12.8 38.4

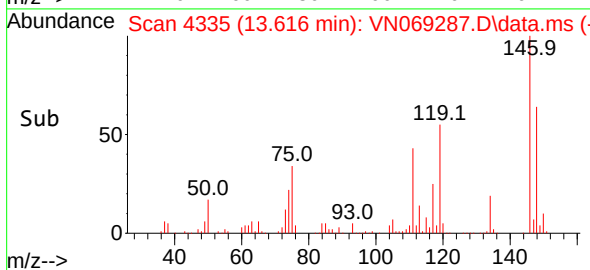
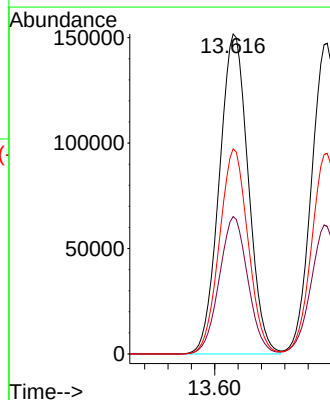
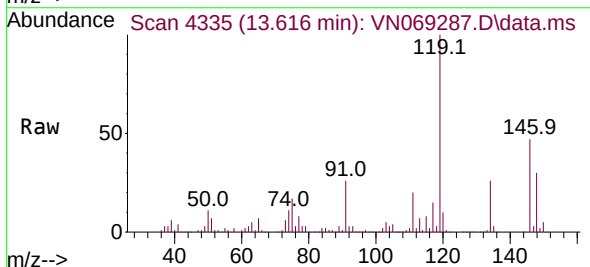
Manual Integrations
APPROVED

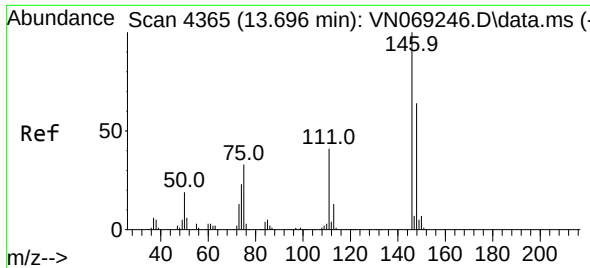
Reviewed By :John Carlone 11/01/2021
Supervised By :Mahesh Dadoda 11/01/2021



#87
1,3-Dichlorobenzene
Concen: 47.406 ug/l
RT: 13.616 min Scan# 4335
Delta R.T. -0.002 min
Lab File: VN069287.D
Acq: 29 Oct 2021 8:09

Tgt Ion:146 Resp: 261036
Ion Ratio Lower Upper
146 100
111 42.3 21.4 64.2
148 63.6 32.0 96.2





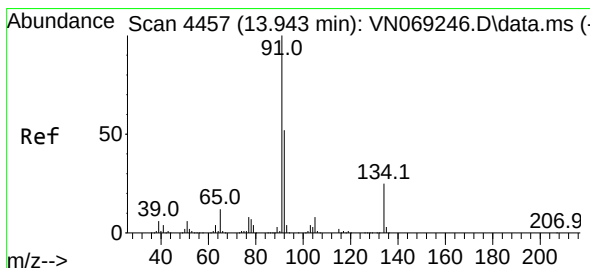
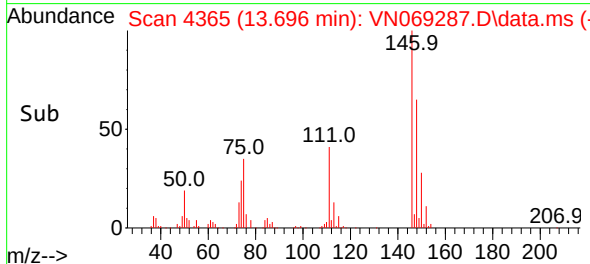
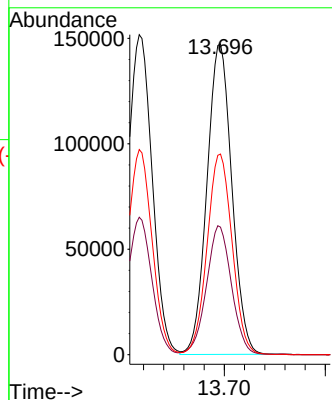
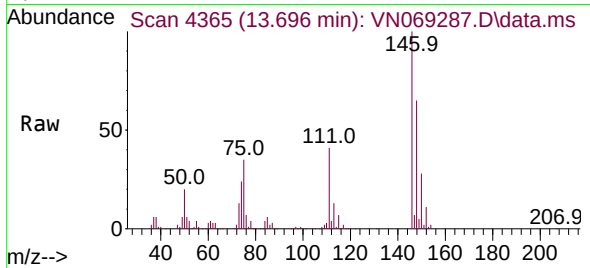
#88
1,4-Dichlorobenzene
Concen: 47.211 ug/l
RT: 13.696 min Scan# 4365
Delta R.T. 0.000 min
Lab File: VN069287.D
Acq: 29 Oct 2021 8:09

Instrument :
MSVOA_N
ClientSampleId :
MW-15DMSD

Tgt Ion:146 Resp: 252402
Ion Ratio Lower Upper
146 100
111 41.4 20.6 61.8
148 64.8 32.1 96.5

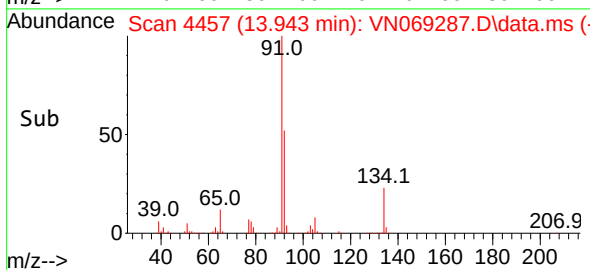
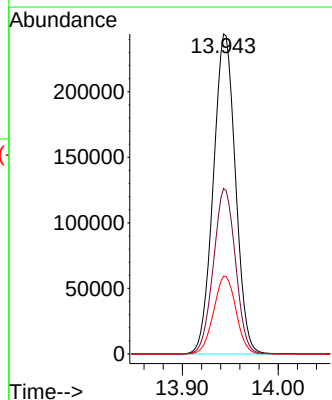
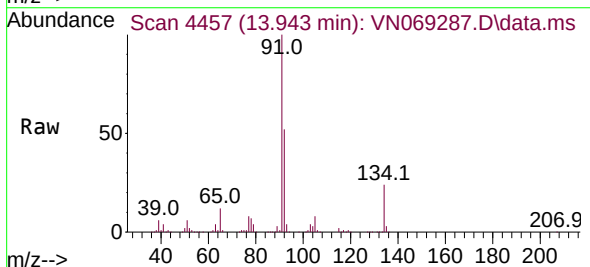
Manual Integrations
APPROVED

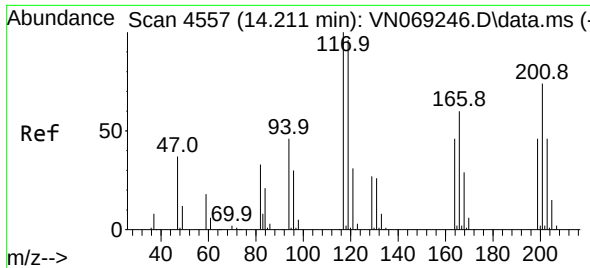
Reviewed By :John Carlone 11/01/2021
Supervised By :Mahesh Dadoda 11/01/2021



#89
n-Butylbenzene
Concen: 43.023 ug/l
RT: 13.943 min Scan# 4457
Delta R.T. -0.000 min
Lab File: VN069287.D
Acq: 29 Oct 2021 8:09

Tgt Ion: 91 Resp: 391214
Ion Ratio Lower Upper
91 100
92 51.6 26.0 78.0
134 24.6 12.5 37.5





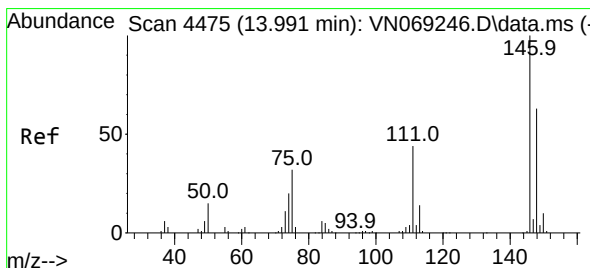
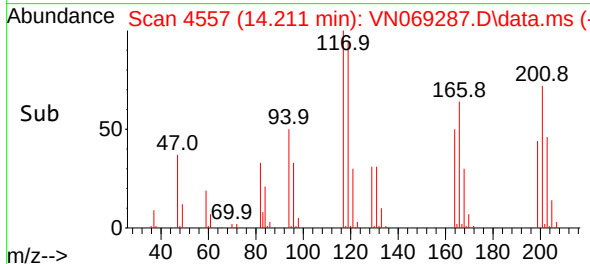
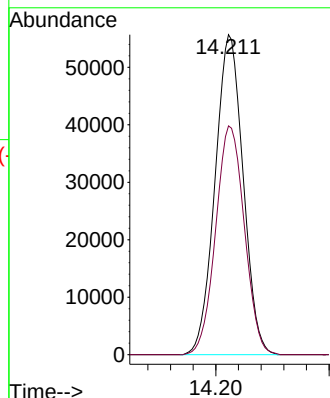
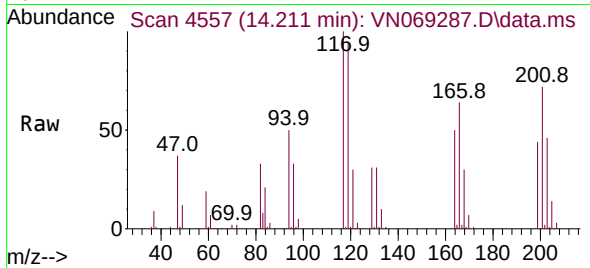
#90
Hexachloroethane
Concen: 45.219 ug/l
RT: 14.211 min Scan# 4557
Delta R.T. 0.000 min
Lab File: VN069287.D
Acq: 29 Oct 2021 8:09

Instrument :
MSVOA_N
ClientSampleId :
MW-15DMSD

Tgt Ion:117 Resp: 95729
Ion Ratio Lower Upper
117 100
201 73.1 37.1 111.5

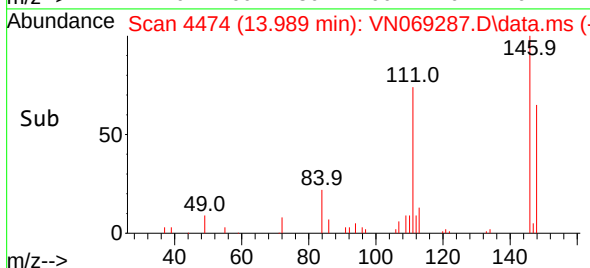
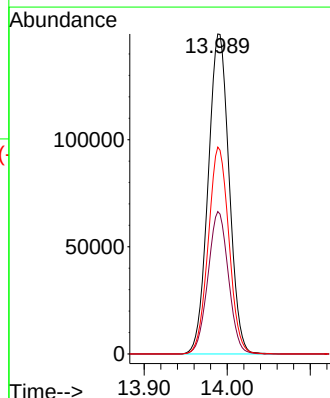
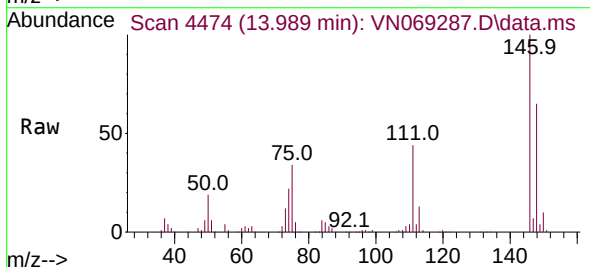
Manual Integrations
APPROVED

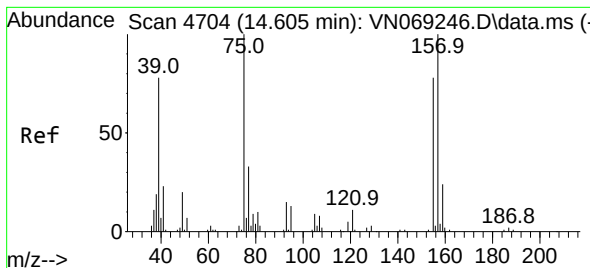
Reviewed By :John Carlone 11/01/2021
Supervised By :Mahesh Dadoda 11/01/2021



#91
1,2-Dichlorobenzene
Concen: 48.643 ug/l
RT: 13.989 min Scan# 4474
Delta R.T. -0.002 min
Lab File: VN069287.D
Acq: 29 Oct 2021 8:09

Tgt Ion:146 Resp: 260949
Ion Ratio Lower Upper
146 100
111 43.5 22.0 66.0
148 63.8 32.1 96.5





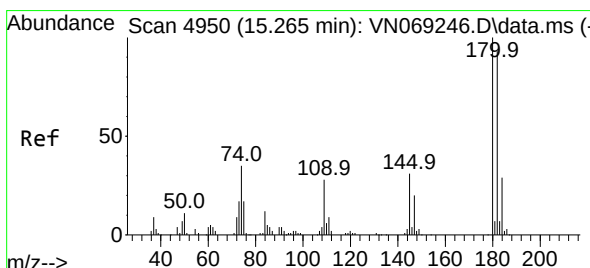
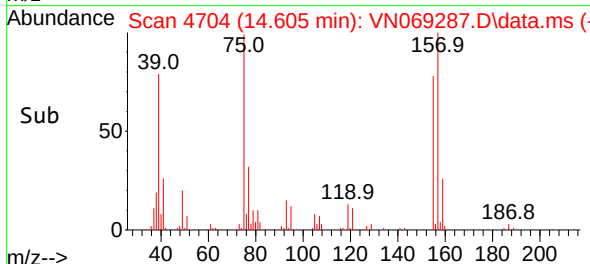
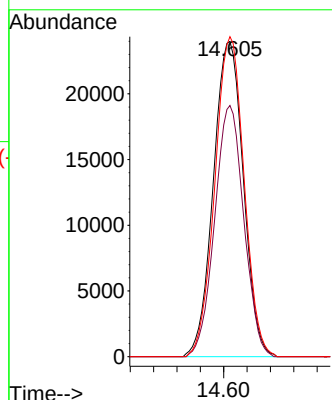
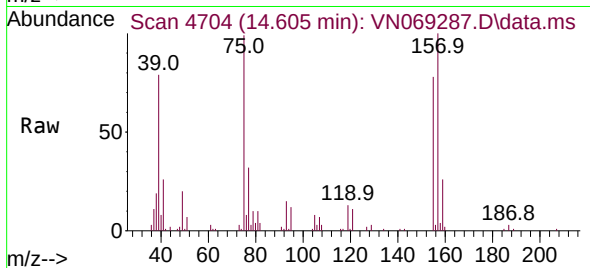
#92
1,2-Dibromo-3-Chloropropane
Concen: 48.268 ug/l
RT: 14.605 min Scan# 4704
Delta R.T. 0.000 min
Lab File: VN069287.D
Acq: 29 Oct 2021 8:09

Instrument :
MSVOA_N
ClientSampleId :
MW-15DMSD

Tgt Ion: 75 Resp: 42809
Ion Ratio Lower Upper
75 100
155 77.3 38.8 116.4
157 98.7 50.2 150.6

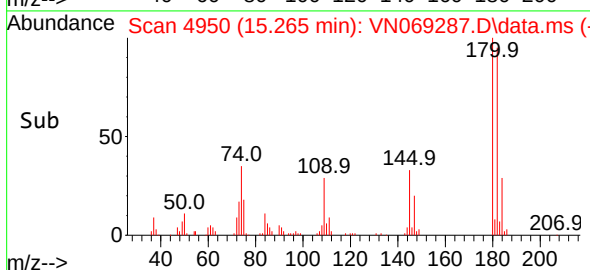
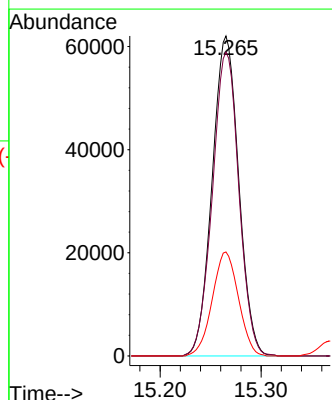
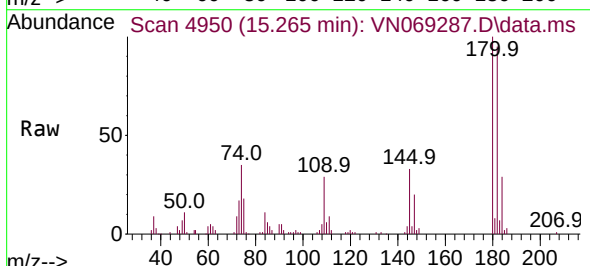
Manual Integrations
APPROVED

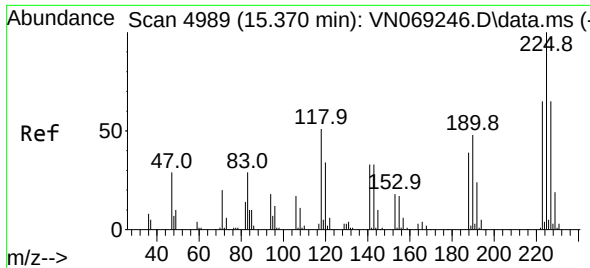
Reviewed By :John Carlone 11/01/2021
Supervised By :Mahesh Dadoda 11/01/2021



#93
1,2,4-Trichlorobenzene
Concen: 43.904 ug/l
RT: 15.265 min Scan# 4950
Delta R.T. 0.000 min
Lab File: VN069287.D
Acq: 29 Oct 2021 8:09

Tgt Ion:180 Resp: 112980
Ion Ratio Lower Upper
180 100
182 94.8 47.9 143.7
145 32.1 16.4 49.2





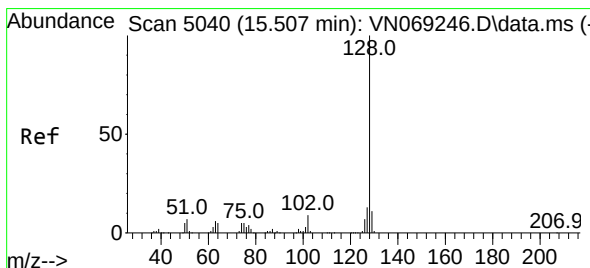
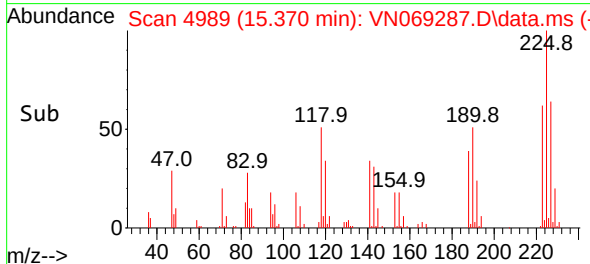
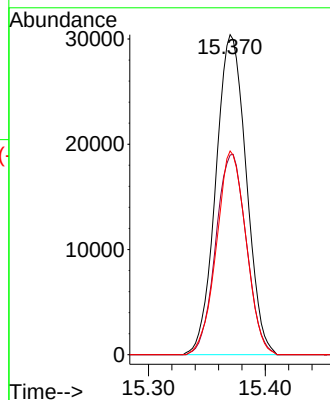
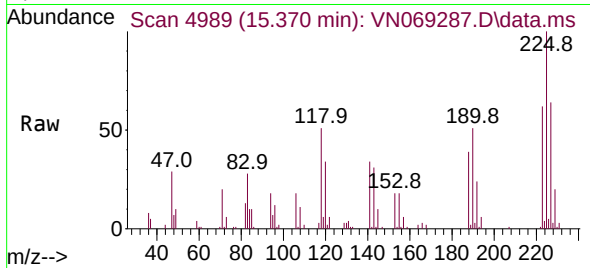
#94
Hexachlorobutadiene
Concen: 41.688 ug/l
RT: 15.370 min Scan# 4989
Delta R.T. -0.000 min
Lab File: VN069287.D
Acq: 29 Oct 2021 8:09

Instrument :
MSVOA_N
ClientSampleId :
MW-15DMSD

Tgt Ion:225 Resp: 5503
Ion Ratio Lower Upper
225 100
223 63.0 31.5 94.5
227 62.0 31.6 94.7

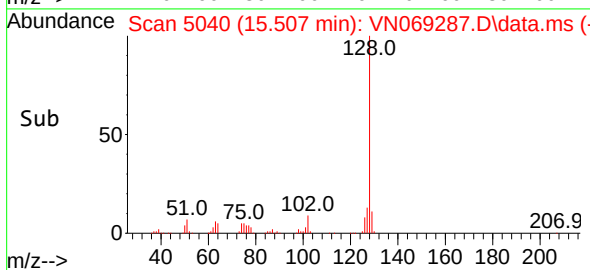
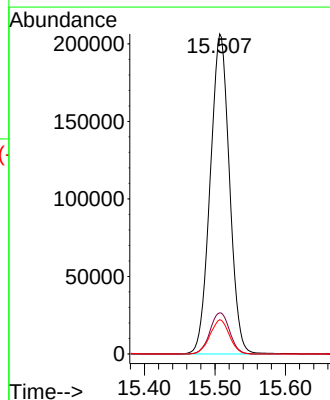
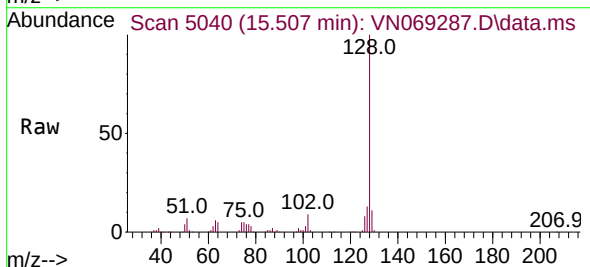
Manual Integrations
APPROVED

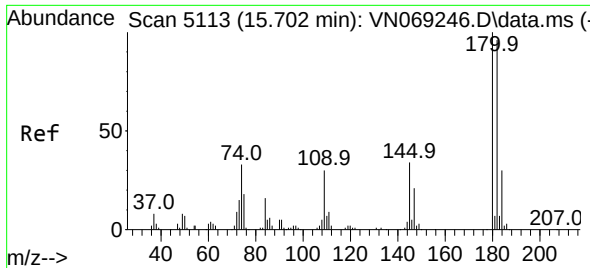
Reviewed By :John Carlone 11/01/2021
Supervised By :Mahesh Dadoda 11/01/2021



#95
Naphthalene
Concen: 49.113 ug/l
RT: 15.507 min Scan# 5040
Delta R.T. -0.000 min
Lab File: VN069287.D
Acq: 29 Oct 2021 8:09

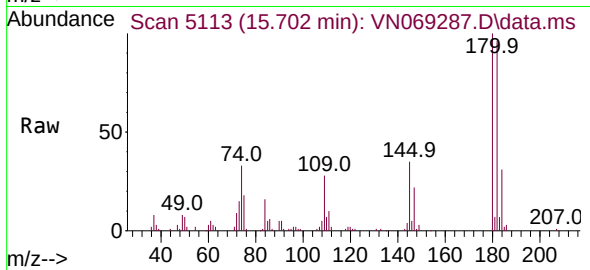
Tgt Ion:128 Resp: 391224
Ion Ratio Lower Upper
128 100
127 13.2 10.5 15.7
129 10.7 8.9 13.3





#96
 1,2,3-Trichlorobenzene
 Concen: 47.535 ug/l
 RT: 15.702 min Scan# 5113
 Delta R.T. 0.000 min
 Lab File: VN069287.D
 Acq: 29 Oct 2021 8:09

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-15DMSD



Tgt Ion:	180	Resp:	120064
Ion Ratio	Lower	Upper	
180	100		
182	93.6	48.1	144.3
145	34.0	17.4	52.2

Manual Integrations
 APPROVED

Reviewed By :John Carlone 11/01/2021
 Supervised By :Mahesh Dadoda 11/01/2021

