

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102821\
 Data File : VN069288.D
 Acq On : 29 Oct 2021 8:34
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

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

Quant Time: Oct 29 08:59:59 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

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

Internal Standards						
1) Pentafluorobenzene	8.085	168	243068	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	432120	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	404653	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	177949	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	178806	50.959	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 101.920%			
35) Dibromofluoromethane	8.024	113	134568	49.957	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 99.920%			
50) Toluene-d8	10.443	98	541646	50.291	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 100.580%			
62) 4-Bromofluorobenzene	12.731	95	200436	49.318	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 98.640%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.073	85	141272	49.608	ug/l	99
3) Chloromethane	2.303	50	148875	51.231	ug/l	99
4) Vinyl Chloride	2.445	62	175545	49.833	ug/l	98
5) Bromomethane	2.842	94	112985	55.286	ug/l	98
6) Chloroethane	3.011	64	113807	53.732	ug/l	96
7) Trichlorofluoromethane	3.371	101	264934	61.456	ug/l	98
8) Diethyl Ether	3.821	74	80951	52.788	ug/l	93
9) 1,1,2-Trichlorotrifluo...	4.205	101	115164	50.362	ug/l	99
10) Methyl Iodide	4.417	142	161656	48.424	ug/l	97
11) Tert butyl alcohol	5.387	59	151465	223.562	ug/l	100
12) 1,1-Dichloroethene	4.173	96	113073	51.719	ug/l	100
13) Acrolein	4.041	56	32629	211.170	ug/l	98
14) Allyl chloride	4.838	41	184925	47.813	ug/l	95
15) Acrylonitrile	5.554	53	378770	255.915	ug/l	99
16) Acetone	4.290	43	326705	218.538	ug/l	98
17) Carbon Disulfide	4.524	76	269044	46.214	ug/l	99
18) Methyl Acetate	4.856	43	261616	51.496	ug/l	97
19) Methyl tert-butyl Ether	5.618	73	446891	51.952	ug/l	100
20) Methylene Chloride	5.095	84	136694	47.671	ug/l	98
21) trans-1,2-Dichloroethene	5.594	96	124029	50.241	ug/l	97
22) Diisopropyl ether	6.500	45	436932	48.540	ug/l	98
23) Vinyl Acetate	6.436	43	1657618	232.233	ug/l	98
24) 1,1-Dichloroethane	6.388	63	241698	52.287	ug/l	99
25) 2-Butanone	7.337	43	523850	228.781	ug/l	99
26) 2,2-Dichloropropane	7.327	77	133016	29.652	ug/l	96
27) cis-1,2-Dichloroethene	7.327	96	150960	51.753	ug/l	96
28) Bromochloromethane	7.656	49	99237	42.849	ug/l	96
29) Tetrahydrofuran	7.686	42	348840	237.038	ug/l	96
30) Chloroform	7.817	83	266033	52.942	ug/l	97
31) Cyclohexane	8.094	56	224104	47.722	ug/l	93
32) 1,1,1-Trichloroethane	8.013	97	235327	47.881	ug/l	98
36) 1,1-Dichloropropene	8.222	75	188995	50.732	ug/l	99
37) Ethyl Acetate	7.415	43	211289	49.771	ug/l	99
38) Carbon Tetrachloride	8.206	117	198878	46.867	ug/l	99
39) Methylcyclohexane	9.459	83	226769	49.162	ug/l	97
40) Benzene	8.458	78	576171	51.420	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.638	41	100227	47.890	ug/l	92
42) 1,2-Dichloroethane	8.531	62	218459	51.807	ug/l	99
43) Isopropyl Acetate	8.560	43	354500	47.901	ug/l	100
44) Trichloroethene	9.217	130	141518	50.155	ug/l	99
45) 1,2-Dichloropropane	9.491	63	144904	50.794	ug/l	99
46) Dibromomethane	9.579	93	105347	51.976	ug/l	100
47) Bromodichloromethane	9.762	83	202919	46.826	ug/l	99
48) Methyl methacrylate	9.561	41	156207	48.753	ug/l	89
49) 1,4-Dioxane	9.571	88	68240	883.518	ug/l	95
51) 4-Methyl-2-Pentanone	10.333	43	1118036	232.459	ug/l	99
52) Toluene	10.505	92	377542	51.376	ug/l	98
53) t-1,3-Dichloropropene	10.719	75	207749	42.497	ug/l	99
54) cis-1,3-Dichloropropene	10.191	75	221426	43.526	ug/l	99
55) 1,1,2-Trichloroethane	10.899	97	150503	51.049	ug/l	99
56) Ethyl methacrylate	10.762	69	251546	46.560	ug/l	98
57) 1,3-Dichloropropane	11.044	76	253936	51.633	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.043	63	320181	214.979	ug/l	99
59) 2-Hexanone	11.087	43	832592	226.714	ug/l	99
60) Dibromochloromethane	11.239	129	153388	45.869	ug/l	99
61) 1,2-Dibromoethane	11.347	107	160101	47.596	ug/l	99
64) Tetrachloroethene	10.979	164	125856	48.693	ug/l	98
65) Chlorobenzene	11.771	112	401271	50.390	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.843	131	147476	47.943	ug/l	99
67) Ethyl Benzene	11.846	91	743011	51.216	ug/l	99
68) m/p-Xylenes	11.953	106	560712	103.760	ug/l	100
69) o-Xylene	12.280	106	280268	51.532	ug/l	99
70) Styrene	12.294	104	459494	46.588	ug/l	99
71) Bromoform	12.460	173	108700	43.717	ug/l #	99
73) Isopropylbenzene	12.580	105	735584	49.177	ug/l	100
74) N-amyl acetate	12.387	43	294149	49.919	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.827	83	239075	50.069	ug/l	99
76) 1,2,3-Trichloropropane	12.881	75	197981m	42.301	ug/l	
77) Bromobenzene	12.862	156	166417	47.426	ug/l	99
78) n-propylbenzene	12.921	91	827844	48.894	ug/l	100
79) 2-Chlorotoluene	13.007	91	513812	48.184	ug/l	100
80) 1,3,5-Trimethylbenzene	13.061	105	610410	49.156	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.626	75	58971	38.187	ug/l	91
82) 4-Chlorotoluene	13.106	91	497154	47.270	ug/l	100
83) tert-Butylbenzene	13.323	119	531670	49.073	ug/l	99
84) 1,2,4-Trimethylbenzene	13.369	105	598070	49.243	ug/l	99
85) sec-Butylbenzene	13.503	105	737238	49.114	ug/l	100
86) p-Isopropyltoluene	13.616	119	593492	49.576	ug/l	99
87) 1,3-Dichlorobenzene	13.616	146	295638	48.156	ug/l	99
88) 1,4-Dichlorobenzene	13.696	146	287413	48.217	ug/l	99
89) n-Butylbenzene	13.943	91	473869	46.742	ug/l	100
90) Hexachloroethane	14.211	117	105461	44.705	ug/l	99
91) 1,2-Dichlorobenzene	13.989	146	291643	48.761	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.605	75	45711	46.298	ug/l	99
93) 1,2,4-Trichlorobenzene	15.265	180	135622	47.080	ug/l	99
94) Hexachlorobutadiene	15.372	225	68394	46.469	ug/l	99
95) Naphthalene	15.507	128	444368	49.972	ug/l	100
96) 1,2,3-Trichlorobenzene	15.702	180	136475	48.420	ug/l	99

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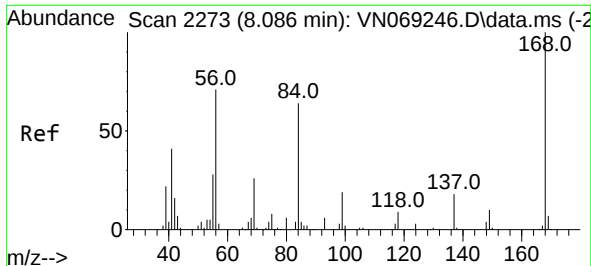
Manual Integrations
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QLast Update : Thu Oct 28 16:09:15 2021
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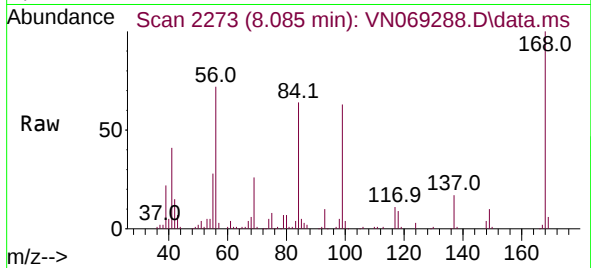
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.085 min Scan# 21
Delta R.T. -0.001 min
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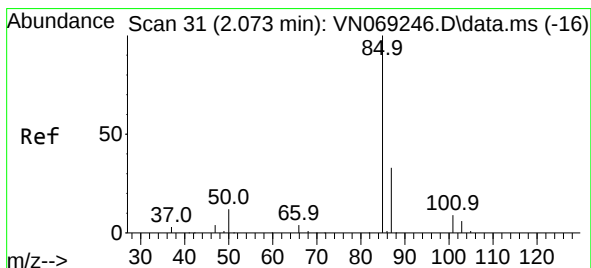
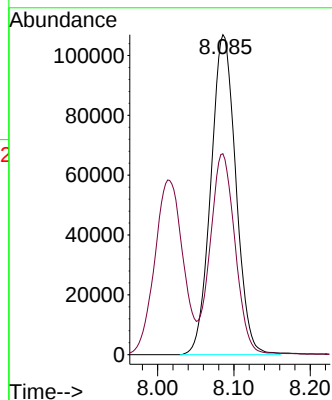
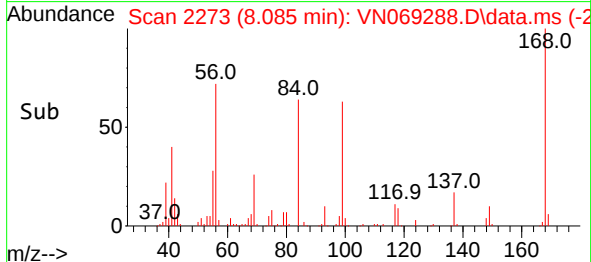
Instrument :
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ClientSampleId :
VSTDCCC050EC



Tgt Ion:168 Resp: 243068
Ion Ratio Lower Upper
168 100
99 62.3 48.9 73.3

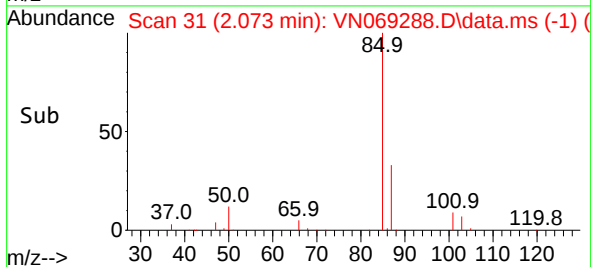
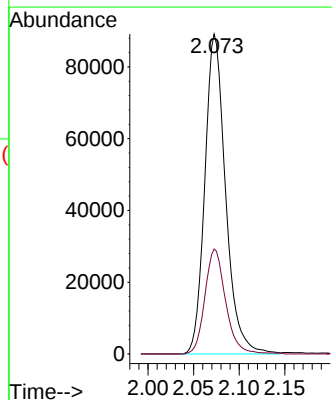
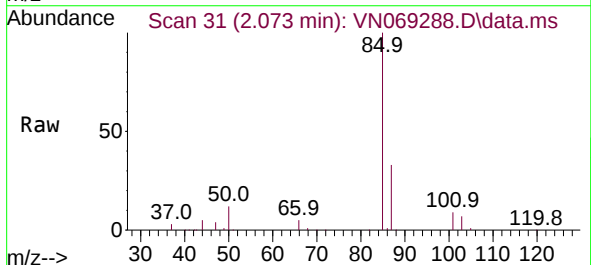
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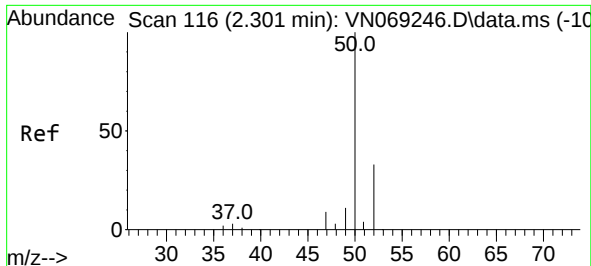
Reviewed By :John Carlone 11/01/2021
Supervised By :Mahesh Dadoda 11/01/2021



#2
Dichlorodifluoromethane
Concen: 49.608 ug/l
RT: 2.073 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN069288.D
Acq: 29 Oct 2021 8:34

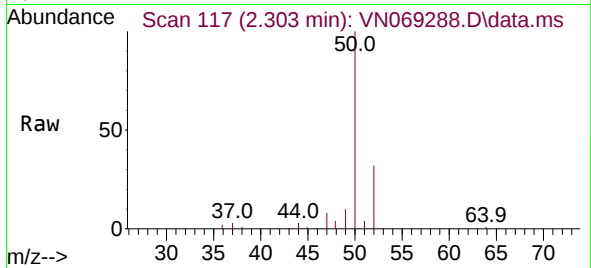
Tgt Ion: 85 Resp: 141272
Ion Ratio Lower Upper
85 100
87 32.8 16.3 48.8





#3
Chloromethane
Concen: 51.231 ug/l
RT: 2.303 min Scan# 116
Delta R.T. 0.002 min
Lab File: VN069288.D
Acq: 29 Oct 2021 8:34

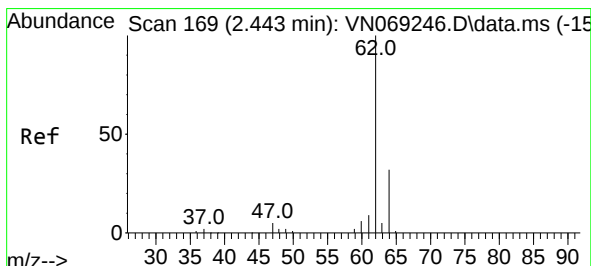
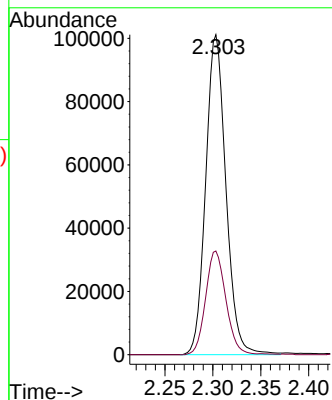
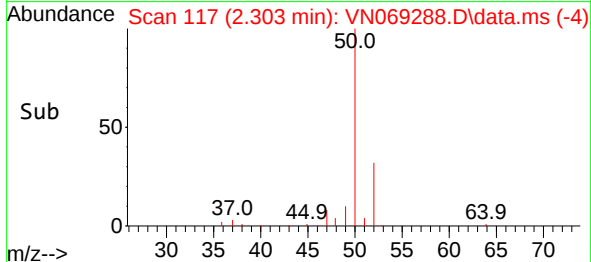
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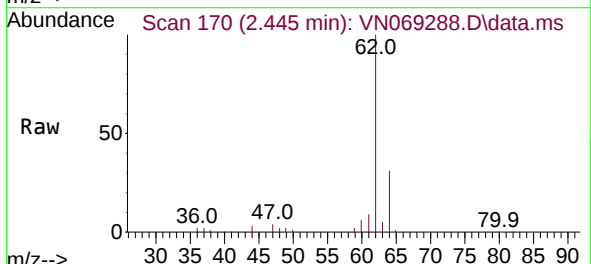
Tgt Ion: 50 Resp: 148875
Ion Ratio Lower Upper
50 100
52 32.4 26.3 39.5

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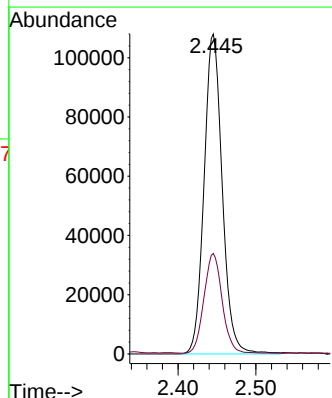
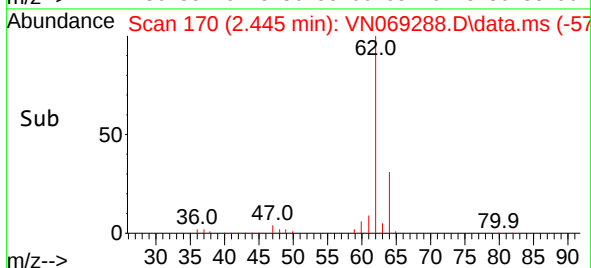
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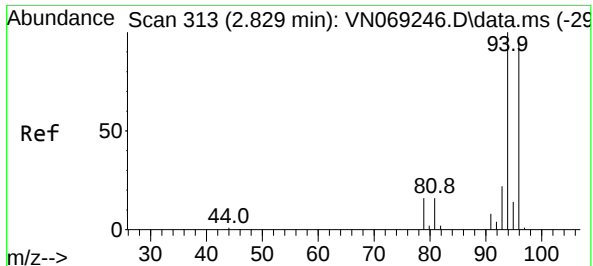


#4
Vinyl Chloride
Concen: 49.833 ug/l
RT: 2.445 min Scan# 170
Delta R.T. 0.002 min
Lab File: VN069288.D
Acq: 29 Oct 2021 8:34



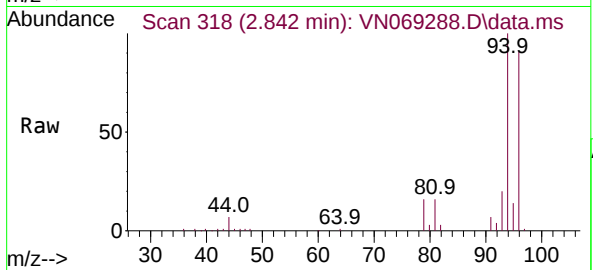
Tgt Ion: 62 Resp: 175545
Ion Ratio Lower Upper
62 100
64 31.2 25.7 38.5





#5
Bromomethane
Concen: 55.286 ug/l
RT: 2.842 min Scan# 313
Delta R.T. 0.013 min
Lab File: VN069288.D
Acq: 29 Oct 2021 8:34

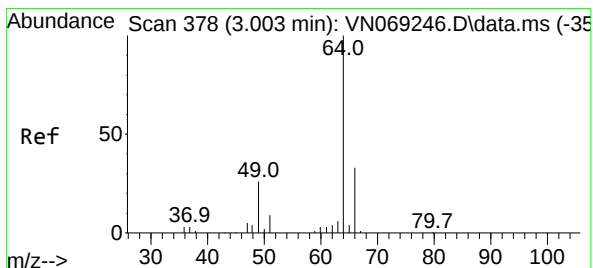
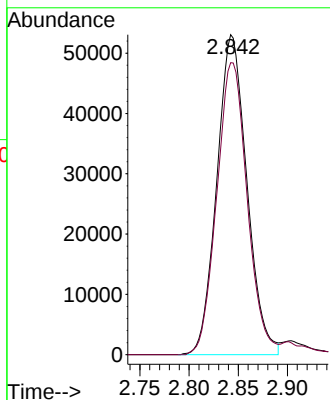
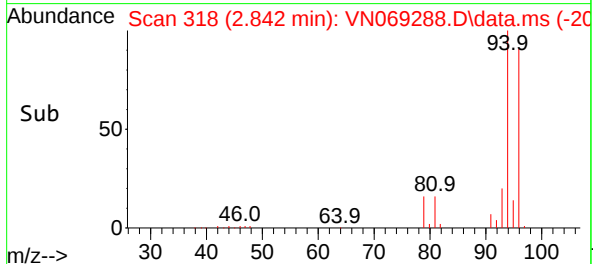
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Tgt Ion: 94 Resp: 112985
Ion Ratio Lower Upper
94 100
96 91.3 74.2 111.4

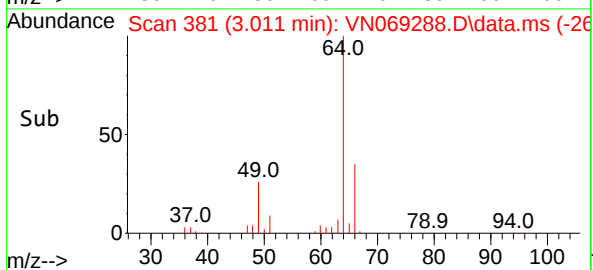
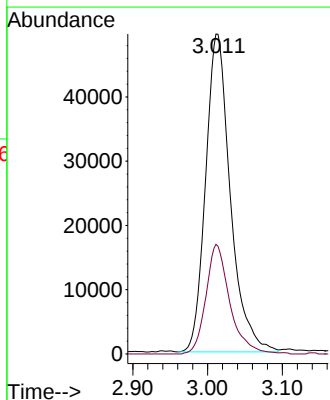
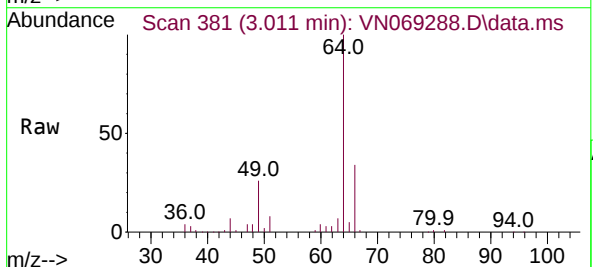
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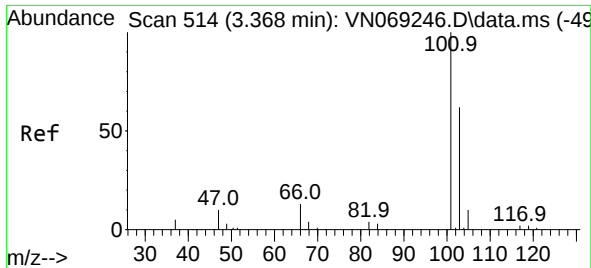
Reviewed By :John Carlone 11/01/2021
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#6
Chloroethane
Concen: 53.732 ug/l
RT: 3.011 min Scan# 381
Delta R.T. 0.008 min
Lab File: VN069288.D
Acq: 29 Oct 2021 8:34

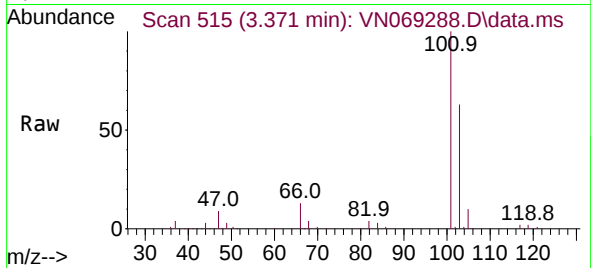
Tgt Ion: 64 Resp: 113807
Ion Ratio Lower Upper
64 100
66 34.4 25.6 38.4





#7
Trichlorofluoromethane
Concen: 61.456 ug/l
RT: 3.371 min Scan# 514
Delta R.T. 0.003 min
Lab File: VN069288.D
Acq: 29 Oct 2021 8:34

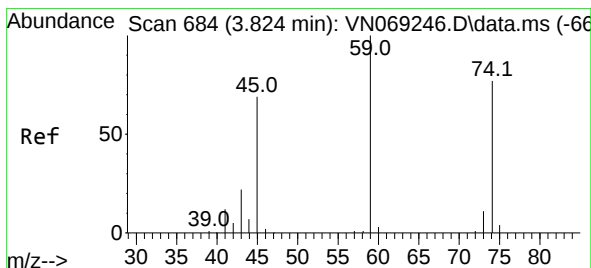
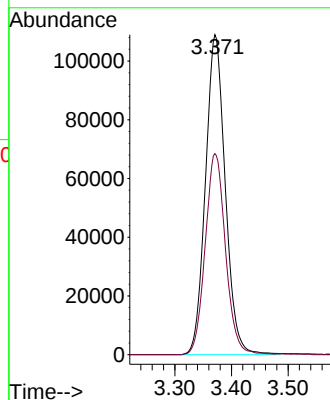
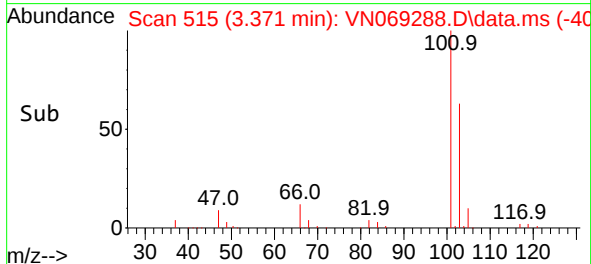
Instrument :
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Tgt Ion:101 Resp: 264934
Ion Ratio Lower Upper
101 100
103 62.8 51.7 77.5

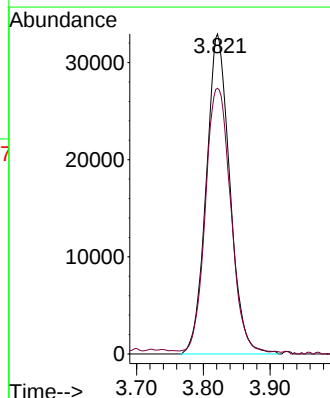
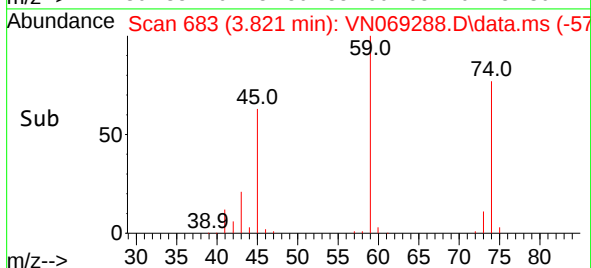
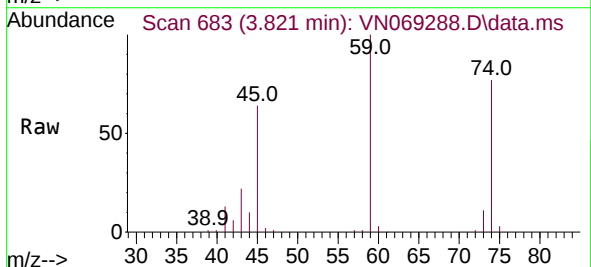
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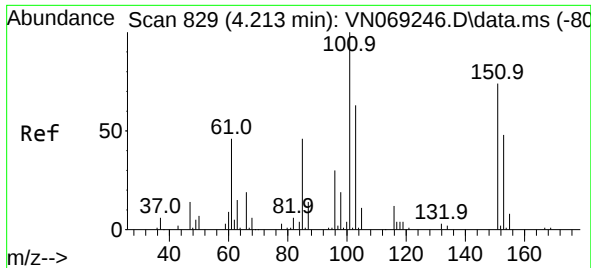
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#8
Diethyl Ether
Concen: 52.788 ug/l
RT: 3.821 min Scan# 683
Delta R.T. -0.003 min
Lab File: VN069288.D
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Tgt Ion: 74 Resp: 80951
Ion Ratio Lower Upper
74 100
45 87.8 47.0 141.2





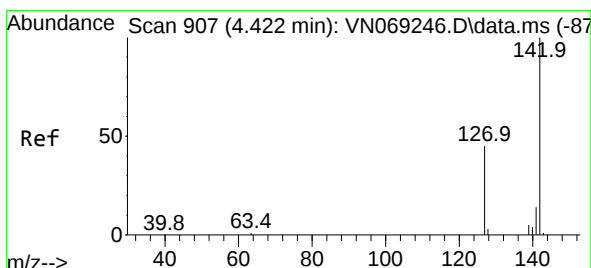
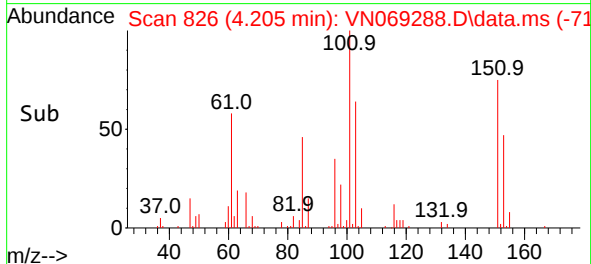
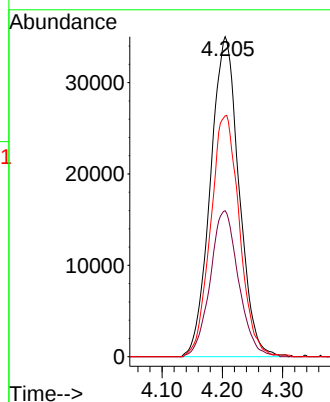
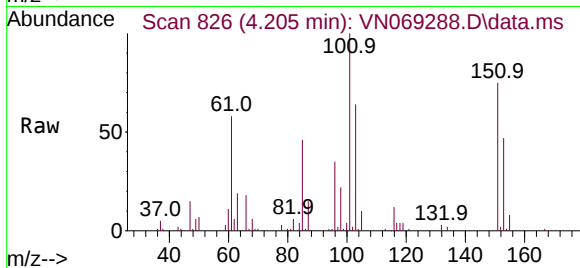
#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.362 ug/l
RT: 4.205 min Scan# 81
Delta R.T. -0.008 min
Lab File: VN069288.D
Acq: 29 Oct 2021 8:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 115164
Ion Ratio Lower Upper
101 100
85 45.3 37.2 55.8
151 76.2 61.1 91.7

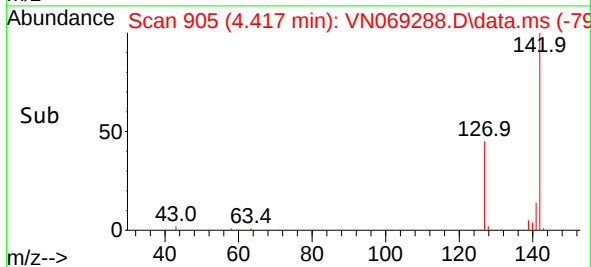
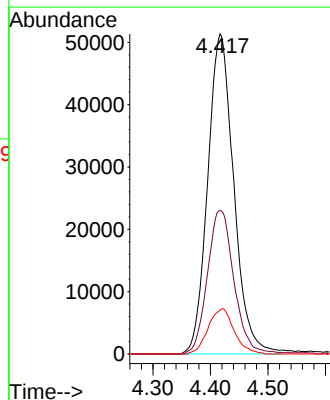
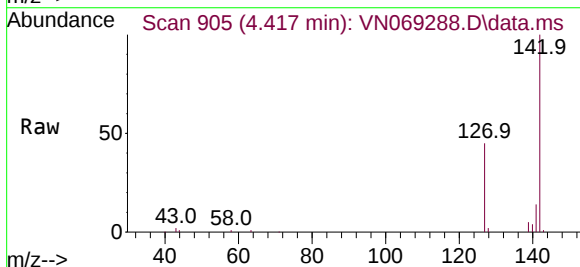
Manual Integrations
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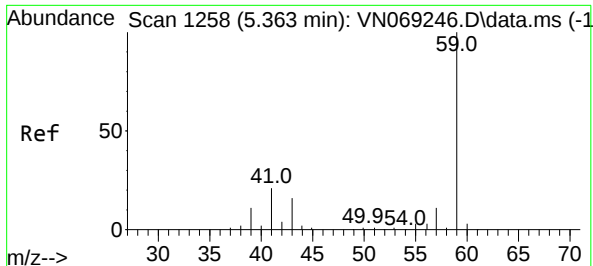
Reviewed By :John Carlone 11/01/2021
Supervised By :Mahesh Dadoda 11/01/2021



#10
Methyl Iodide
Concen: 48.424 ug/l
RT: 4.417 min Scan# 905
Delta R.T. -0.005 min
Lab File: VN069288.D
Acq: 29 Oct 2021 8:34

Tgt Ion:142 Resp: 161656
Ion Ratio Lower Upper
142 100
127 45.7 34.4 51.6
141 14.1 11.3 16.9





#11

Tert butyl alcohol

Concen: 223.562 ug/l

RT: 5.387 min Scan# 11

Delta R.T. 0.024 min

Lab File: VN069288.D

Acq: 29 Oct 2021 8:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 59 Resp: 15146

Ion Ratio Lower Upper

59 100

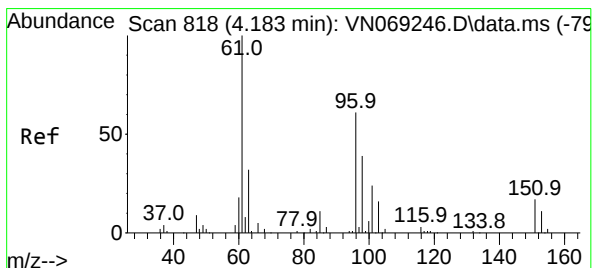
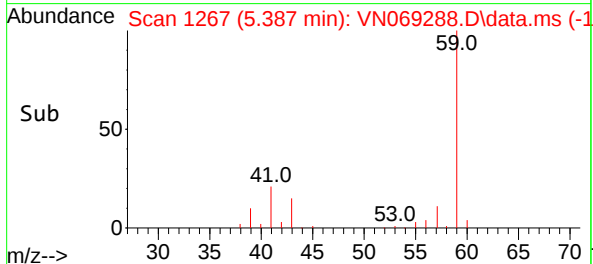
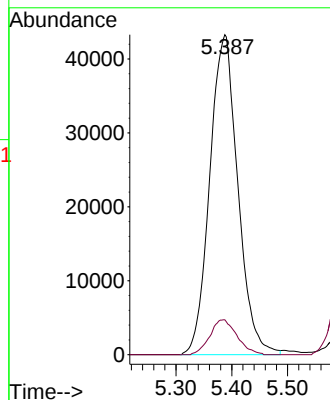
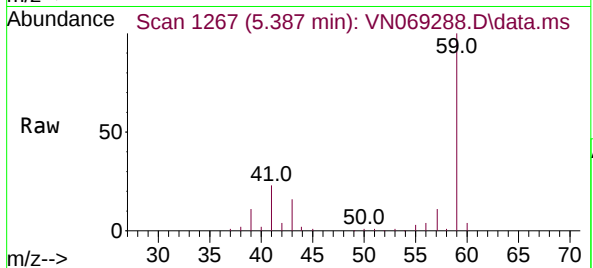
57 10.6 8.3 12.5

Manual Integrations

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Reviewed By :John Carlone 11/01/2021

Supervised By :Mahesh Dadoda 11/01/2021



#12

1,1-Dichloroethene

Concen: 51.719 ug/l

RT: 4.173 min Scan# 814

Delta R.T. -0.010 min

Lab File: VN069288.D

Acq: 29 Oct 2021 8:34

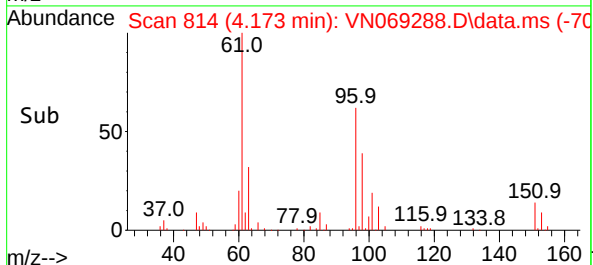
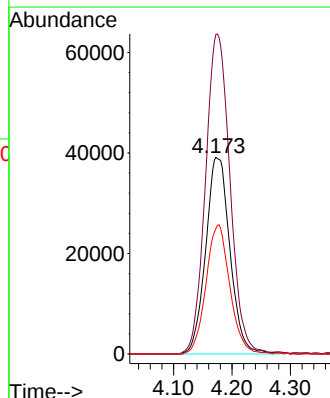
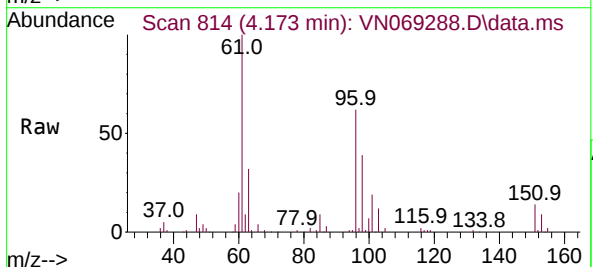
Tgt Ion: 96 Resp: 113073

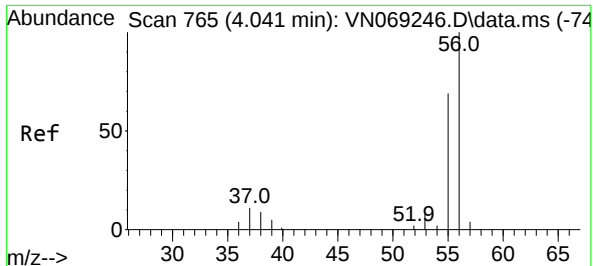
Ion Ratio Lower Upper

96 100

61 162.5 129.8 194.6

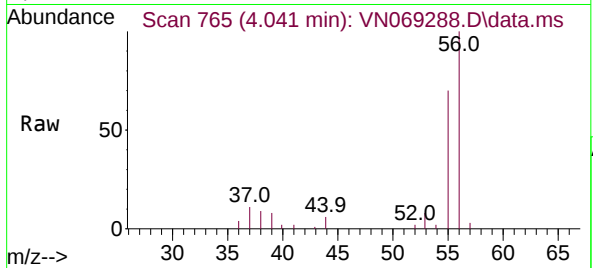
98 63.7 51.4 77.2





#13
Acrolein
Concen: 211.170 ug/l
RT: 4.041 min Scan# 765
Delta R.T. 0.000 min
Lab File: VN069288.D
Acq: 29 Oct 2021 8:34

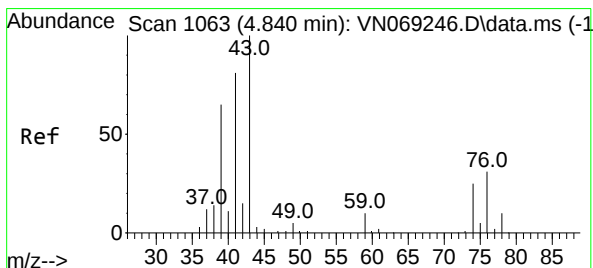
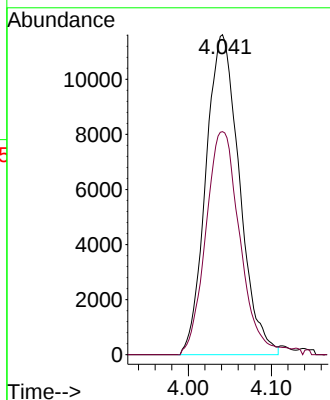
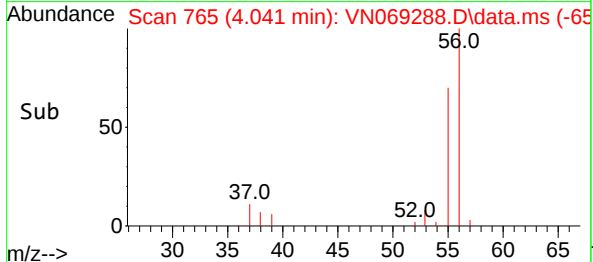
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



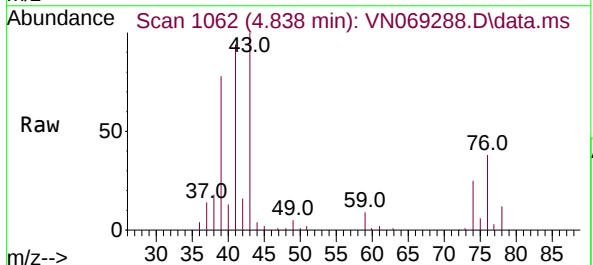
Tgt Ion: 56 Resp: 32629
Ion Ratio Lower Upper
56 100
55 71.1 58.1 87.1

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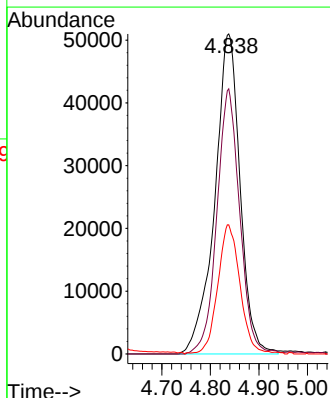
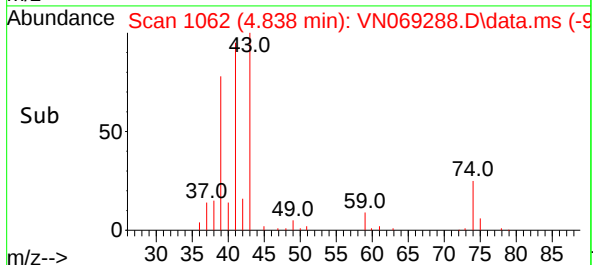
Reviewed By :John Carlone 11/01/2021
Supervised By :Mahesh Dadoda 11/01/2021

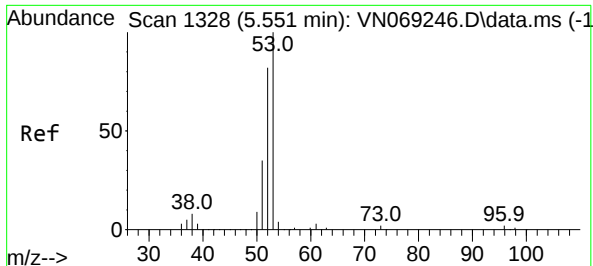


#14
Allyl chloride
Concen: 47.813 ug/l
RT: 4.838 min Scan# 1062
Delta R.T. -0.002 min
Lab File: VN069288.D
Acq: 29 Oct 2021 8:34



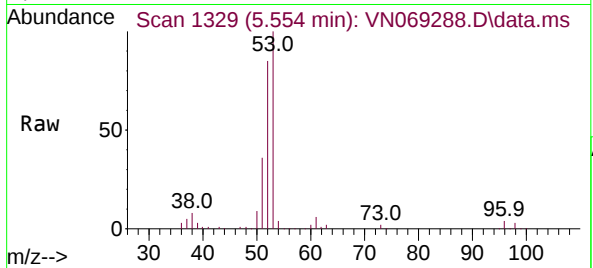
Tgt Ion: 41 Resp: 184925
Ion Ratio Lower Upper
41 100
39 74.2 55.6 83.4
76 34.5 26.4 39.6





#15
Acrylonitrile
Concen: 255.915 ug/l
RT: 5.554 min Scan# 11
Delta R.T. 0.003 min
Lab File: VN069288.D
Acq: 29 Oct 2021 8:34

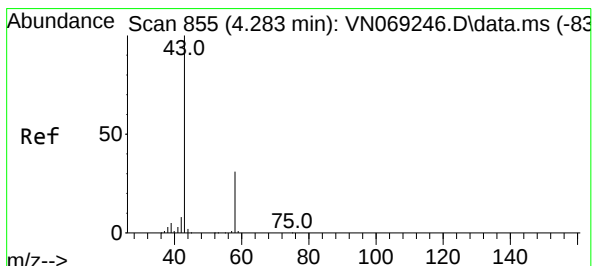
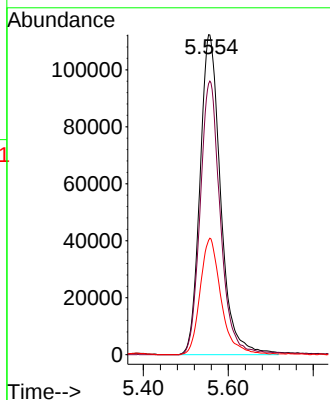
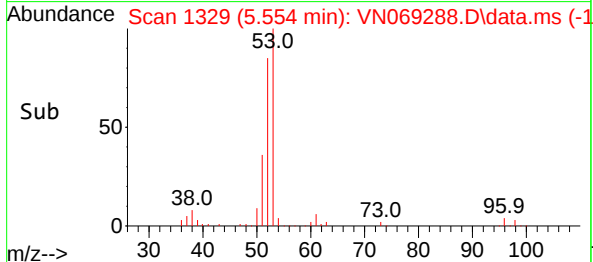
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 378770
Ion Ratio Lower Upper
53 100
52 83.1 65.7 98.5
51 36.8 28.9 43.3

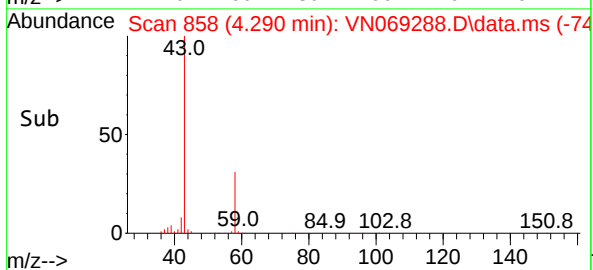
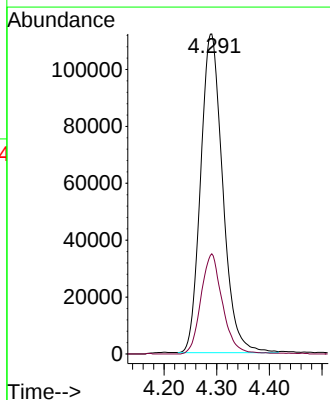
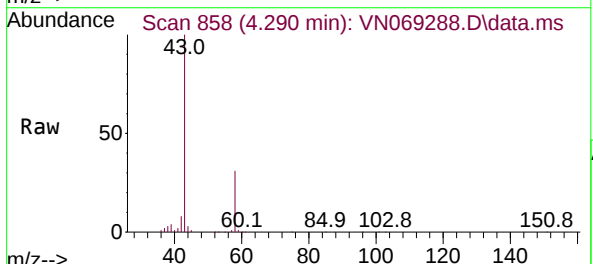
Manual Integrations
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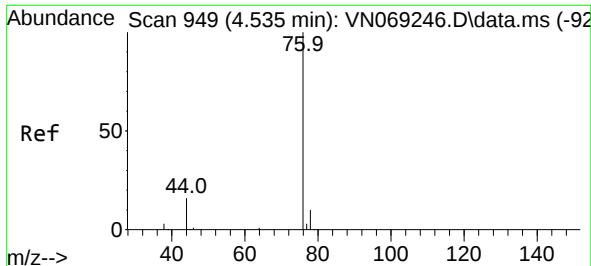
Reviewed By :John Carlone 11/01/2021
Supervised By :Mahesh Dadoda 11/01/2021



#16
Acetone
Concen: 218.538 ug/l
RT: 4.290 min Scan# 858
Delta R.T. 0.007 min
Lab File: VN069288.D
Acq: 29 Oct 2021 8:34

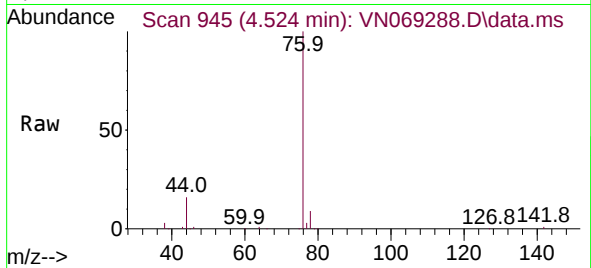
Tgt Ion: 43 Resp: 326705
Ion Ratio Lower Upper
43 100
58 31.4 24.5 36.7





#17
Carbon Disulfide
Concen: 46.214 ug/l
RT: 4.524 min Scan# 949
Delta R.T. -0.011 min
Lab File: VN069288.D
Acq: 29 Oct 2021 8:34

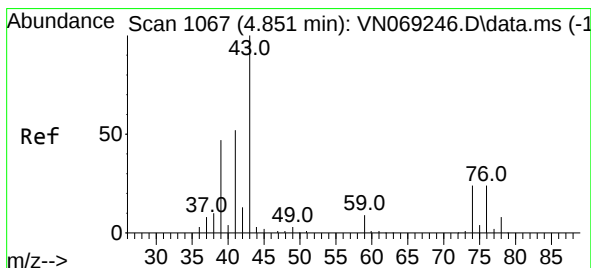
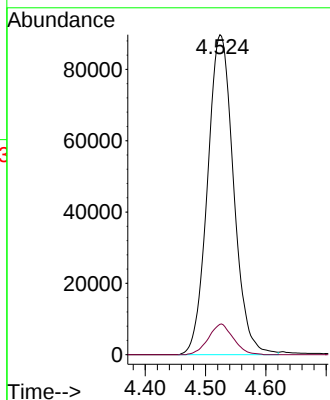
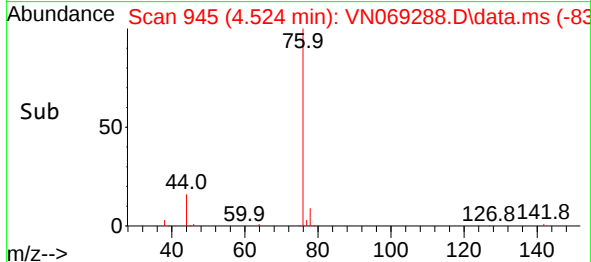
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



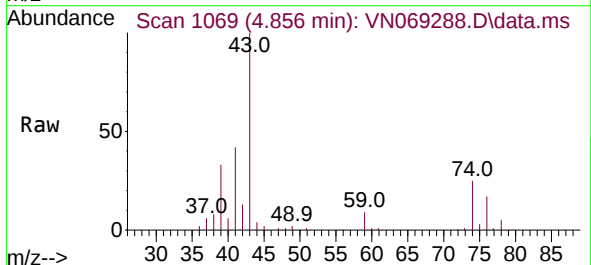
Tgt Ion: 76 Resp: 269044
Ion Ratio Lower Upper
76 100
78 9.5 7.2 10.8

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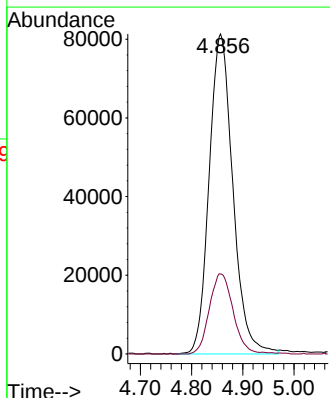
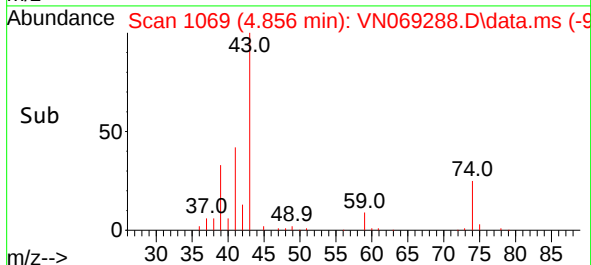
Reviewed By :John Carlone 11/01/2021
Supervised By :Mahesh Dadoda 11/01/2021

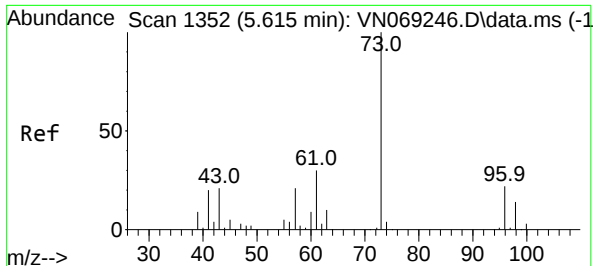


#18
Methyl Acetate
Concen: 51.496 ug/l
RT: 4.856 min Scan# 1069
Delta R.T. 0.005 min
Lab File: VN069288.D
Acq: 29 Oct 2021 8:34



Tgt Ion: 43 Resp: 261616
Ion Ratio Lower Upper
43 100
74 25.0 18.9 28.3





#19

Methyl tert-butyl Ether

Concen: 51.952 ug/l

RT: 5.618 min Scan# 11

Delta R.T. 0.003 min

Lab File: VN069288.D

Acq: 29 Oct 2021 8:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 73 Resp: 44689

Ion Ratio Lower Upper

73 100

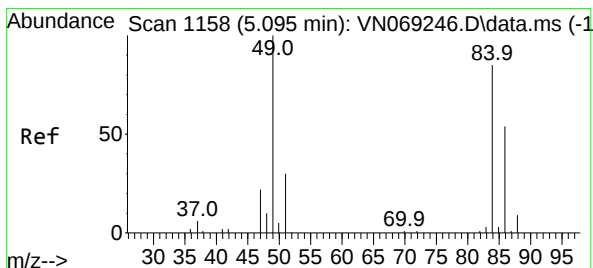
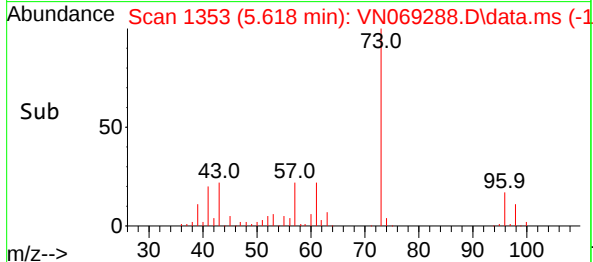
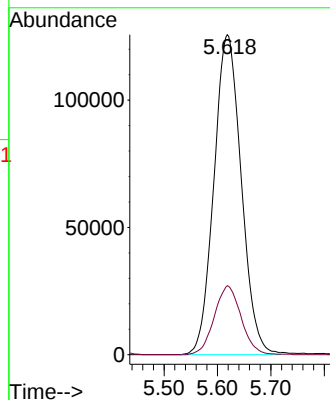
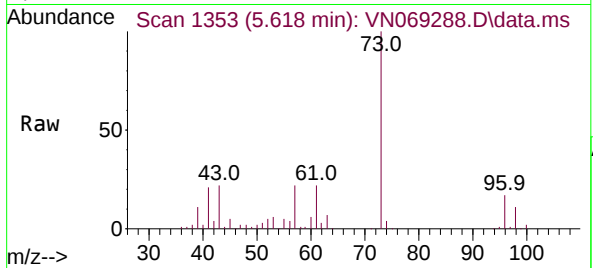
57 21.5 17.3 25.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/01/2021

Supervised By :Mahesh Dadoda 11/01/2021



#20

Methylene Chloride

Concen: 47.671 ug/l

RT: 5.095 min Scan# 1158

Delta R.T. 0.000 min

Lab File: VN069288.D

Acq: 29 Oct 2021 8:34

Tgt Ion: 84 Resp: 136694

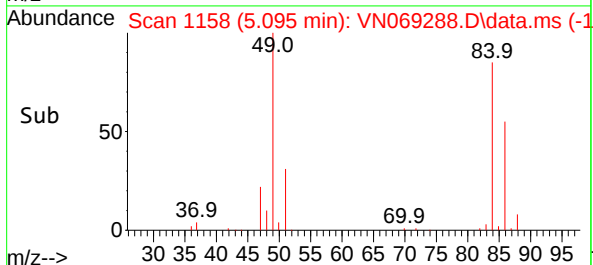
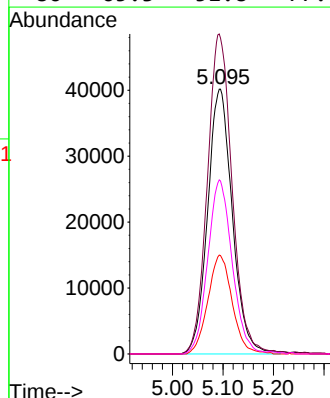
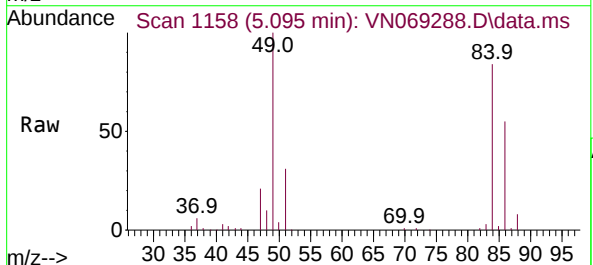
Ion Ratio Lower Upper

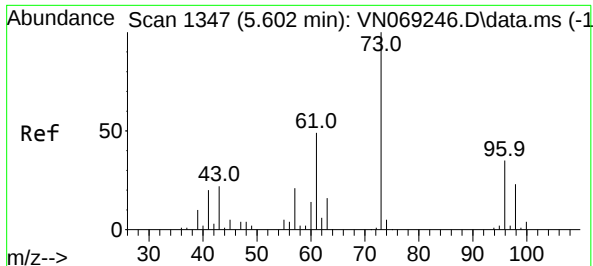
84 100

49 119.3 97.6 146.4

51 37.2 30.3 45.5

86 65.3 51.8 77.6





#21

trans-1,2-Dichloroethene

Concen: 50.241 ug/l

RT: 5.594 min Scan# 1347

Delta R.T. -0.008 min

Lab File: VN069288.D

Acq: 29 Oct 2021 8:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 96 Resp: 124029

Ion Ratio Lower Upper

96 100

61 137.2 112.4 168.6

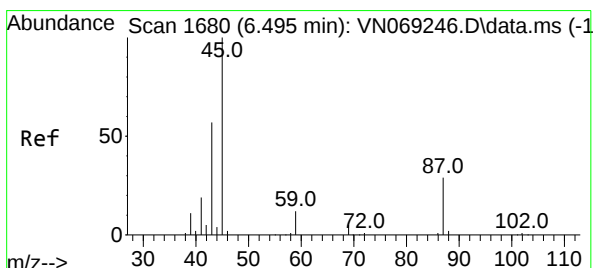
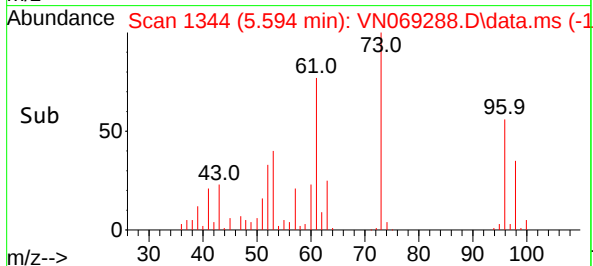
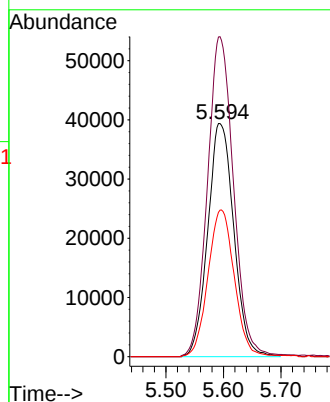
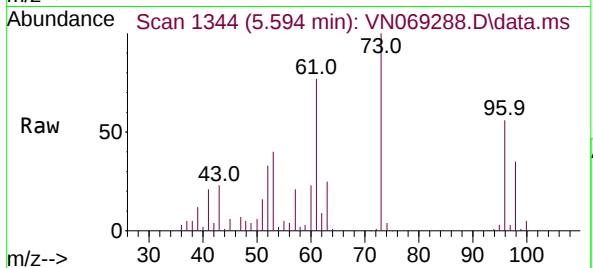
98 62.9 52.0 78.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/01/2021

Supervised By :Mahesh Dadoda 11/01/2021



#22

Diisopropyl ether

Concen: 48.540 ug/l

RT: 6.500 min Scan# 1682

Delta R.T. 0.005 min

Lab File: VN069288.D

Acq: 29 Oct 2021 8:34

Tgt Ion: 45 Resp: 436932

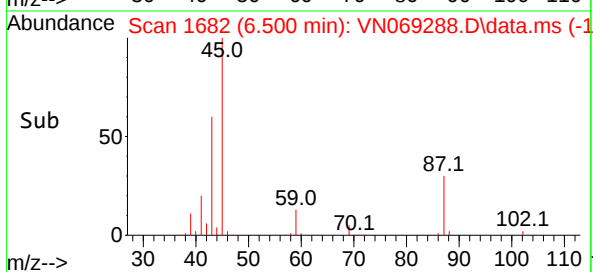
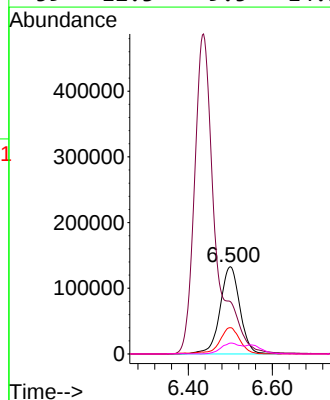
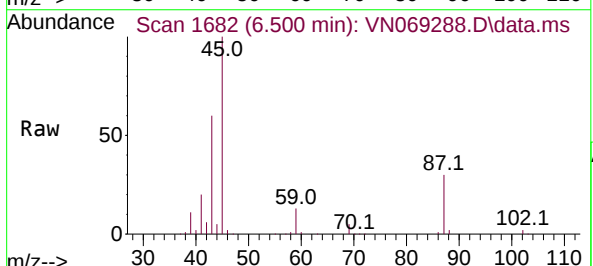
Ion Ratio Lower Upper

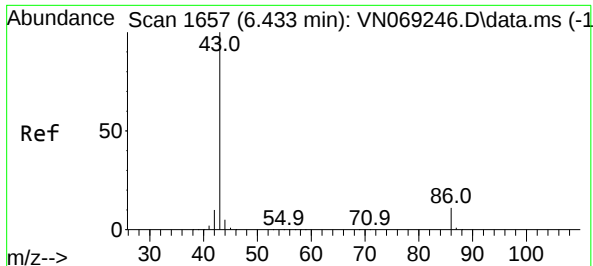
45 100

43 58.5 48.0 72.0

87 30.1 23.4 35.0

59 12.3 9.5 14.3





#23

Vinyl Acetate

Concen: 232.233 ug/l

RT: 6.436 min Scan# 1657

Delta R.T. 0.003 min

Lab File: VN069288.D

Acq: 29 Oct 2021 8:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 1657618

Ion Ratio Lower Upper

43 100

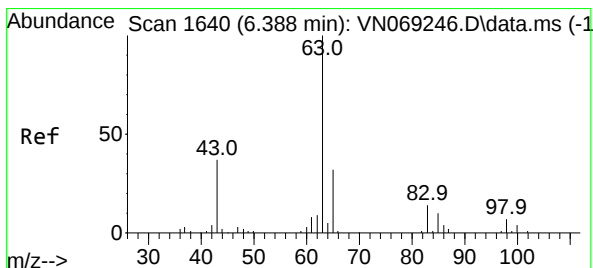
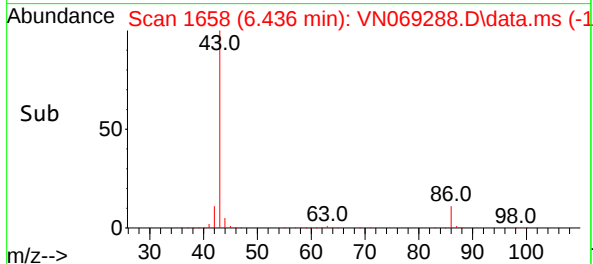
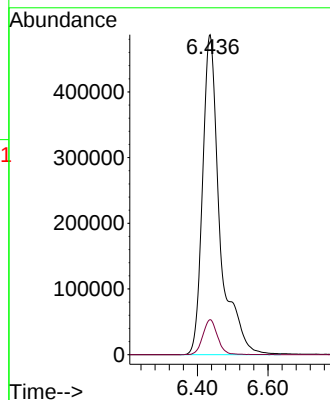
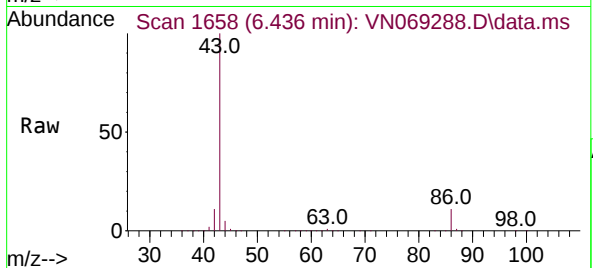
86 11.0 8.3 12.5

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: 52.287 ug/l

RT: 6.388 min Scan# 1640

Delta R.T. -0.000 min

Lab File: VN069288.D

Acq: 29 Oct 2021 8:34

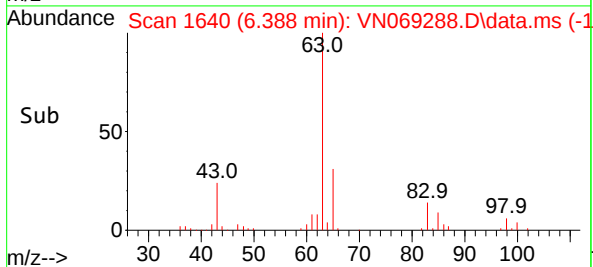
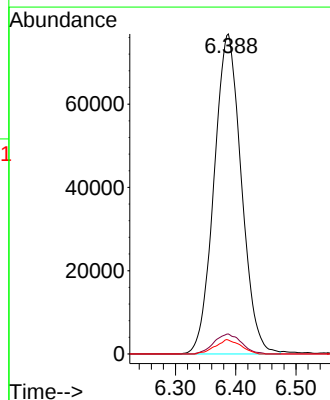
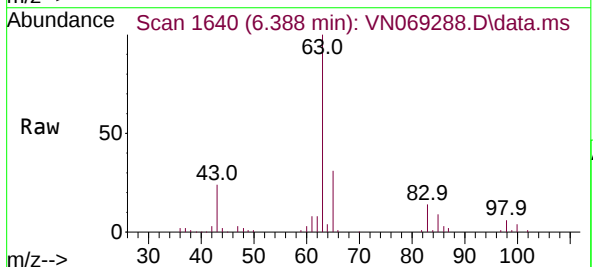
Tgt Ion: 63 Resp: 241698

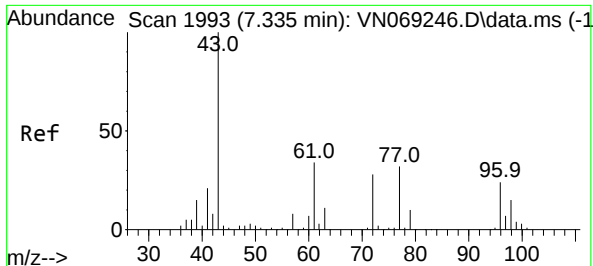
Ion Ratio Lower Upper

63 100

98 6.3 3.5 10.4

100 4.4 2.1 6.5





#25

2-Butanone

Concen: 228.781 ug/l

RT: 7.337 min Scan# 1994

Delta R.T. 0.002 min

Lab File: VN069288.D

Acq: 29 Oct 2021 8:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 523850

Ion Ratio Lower Upper

43 100

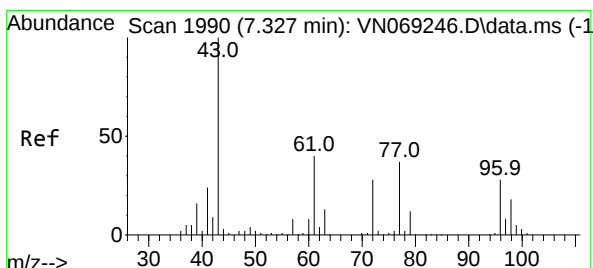
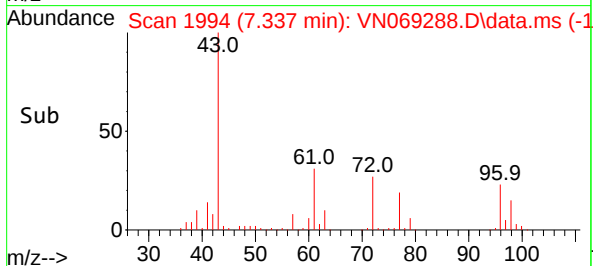
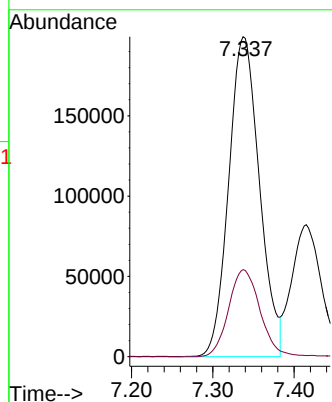
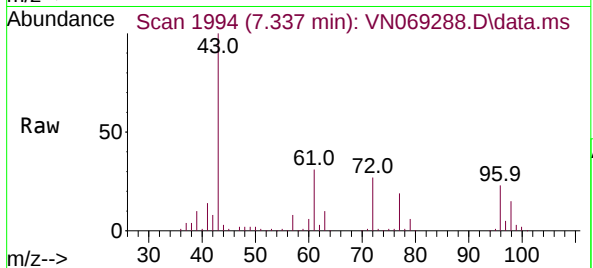
72 27.2 21.2 31.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/01/2021

Supervised By :Mahesh Dadoda 11/01/2021



#26

2,2-Dichloropropane

Concen: 29.652 ug/l

RT: 7.327 min Scan# 1990

Delta R.T. -0.000 min

Lab File: VN069288.D

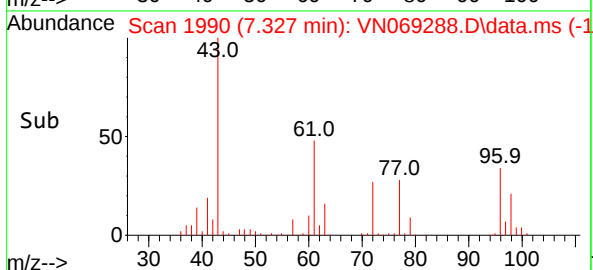
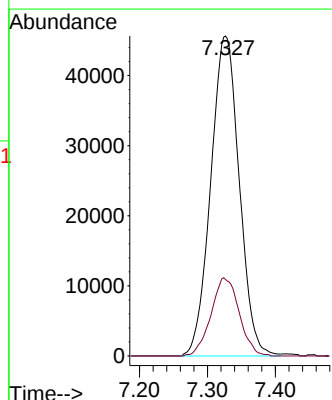
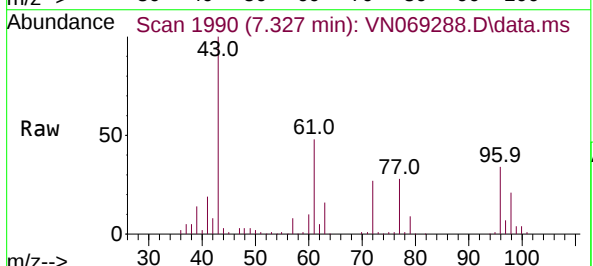
Acq: 29 Oct 2021 8:34

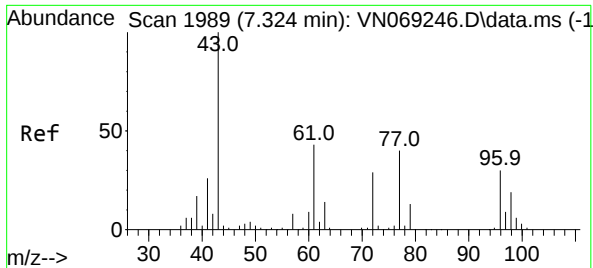
Tgt Ion: 77 Resp: 133016

Ion Ratio Lower Upper

77 100

97 24.1 11.2 33.6





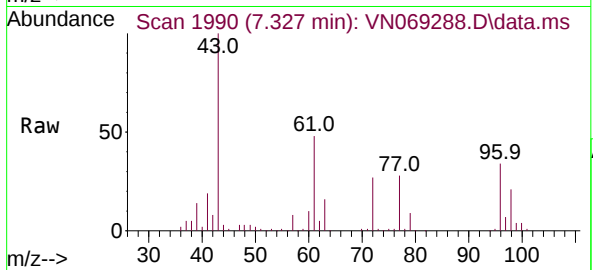
#27
cis-1,2-Dichloroethene
Concen: 51.753 ug/l
RT: 7.327 min Scan# 1989
Delta R.T. 0.003 min
Lab File: VN069288.D
Acq: 29 Oct 2021 8:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

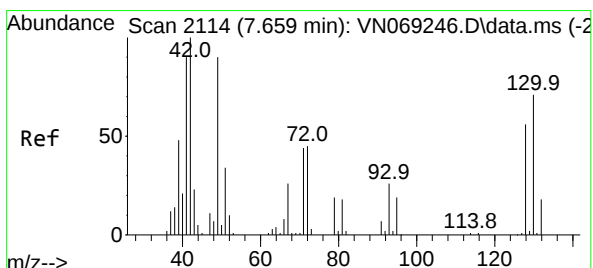
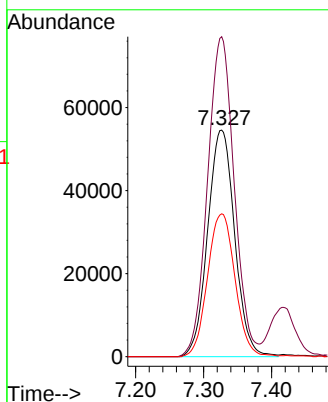
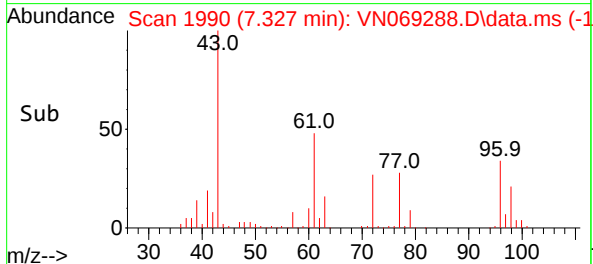


Tgt Ion: 96 Resp: 150960
Ion Ratio Lower Upper
96 100
61 139.3 0.0 290.6
98 64.0 0.0 127.2

Manual Integrations

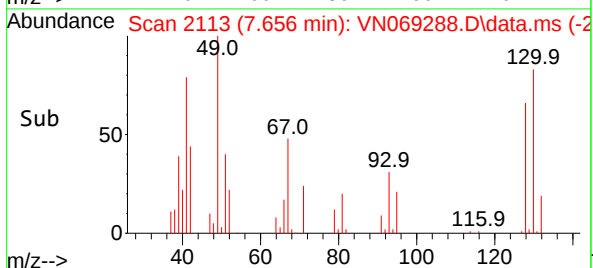
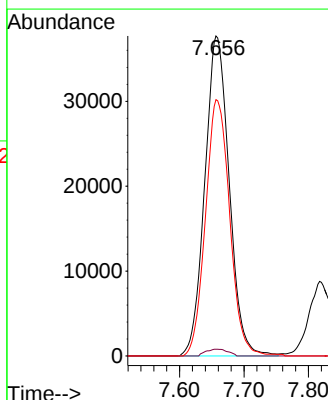
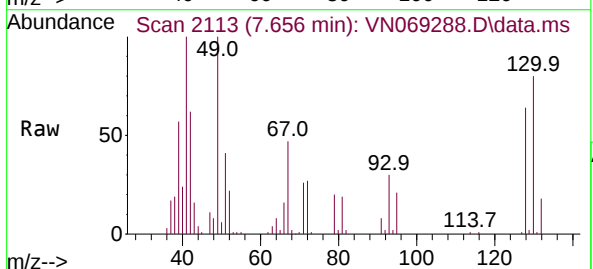
APPROVED

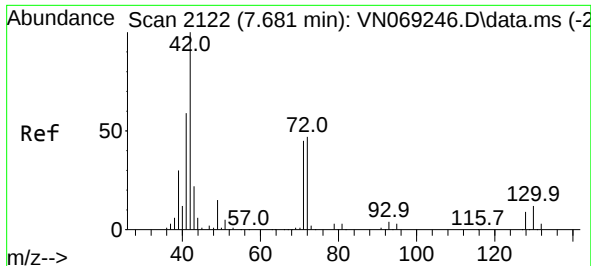
Reviewed By :John Carlone 11/01/2021
Supervised By :Mahesh Dadoda 11/01/2021



#28
Bromochloromethane
Concen: 42.849 ug/l
RT: 7.656 min Scan# 2113
Delta R.T. -0.003 min
Lab File: VN069288.D
Acq: 29 Oct 2021 8:34

Tgt Ion: 49 Resp: 99237
Ion Ratio Lower Upper
49 100
129 1.9 0.0 4.4
130 79.8 60.8 91.2





#29

Tetrahydrofuran

Concen: 237.038 ug/l

RT: 7.686 min Scan# 2122

Delta R.T. 0.005 min

Lab File: VN069288.D

Acq: 29 Oct 2021 8:34

Instrument :

MSVOA_N

ClientSampleId :

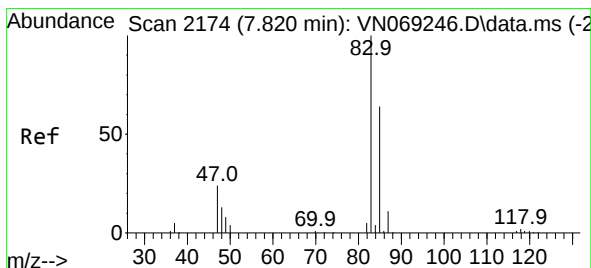
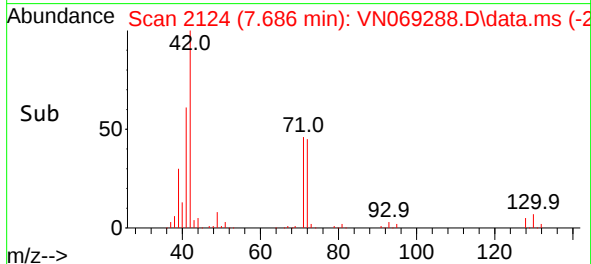
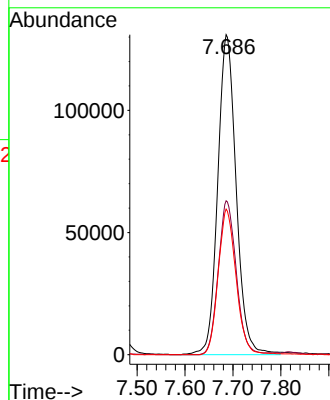
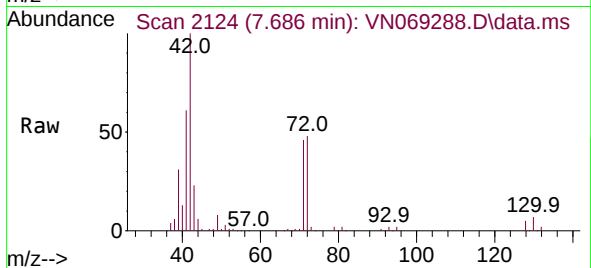
VSTDCCC050EC

Tgt Ion: 42 Resp: 348840
 Ion Ratio Lower Upper
 42 100
 72 46.9 35.4 53.2
 71 44.1 33.8 50.6

Manual Integrations

APPROVED

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



#30

Chloroform

Concen: 52.942 ug/l

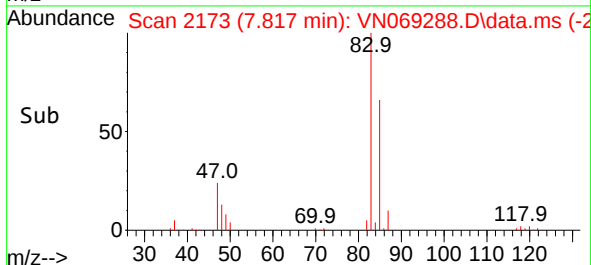
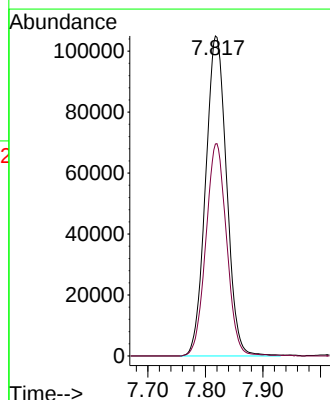
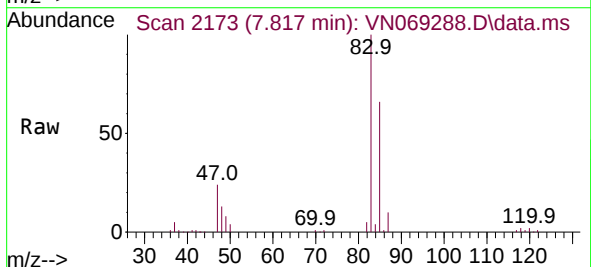
RT: 7.817 min Scan# 2173

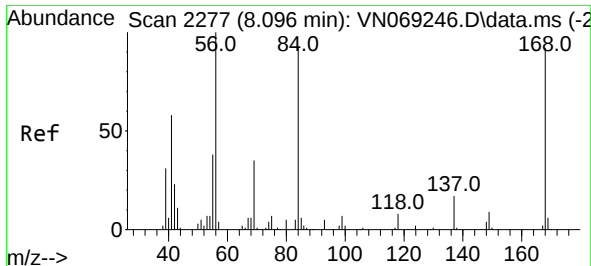
Delta R.T. -0.003 min

Lab File: VN069288.D

Acq: 29 Oct 2021 8:34

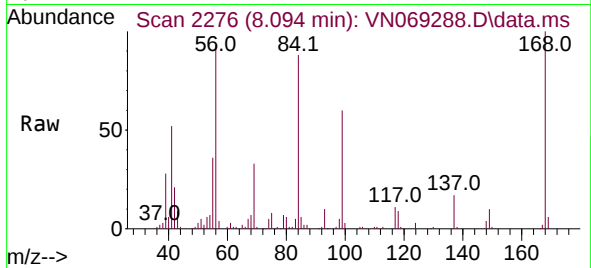
Tgt Ion: 83 Resp: 266033
 Ion Ratio Lower Upper
 83 100
 85 66.2 51.1 76.7





#31
Cyclohexane
Concen: 47.722 ug/l
RT: 8.094 min Scan# 2277
Delta R.T. -0.002 min
Lab File: VN069288.D
Acq: 29 Oct 2021 8:34

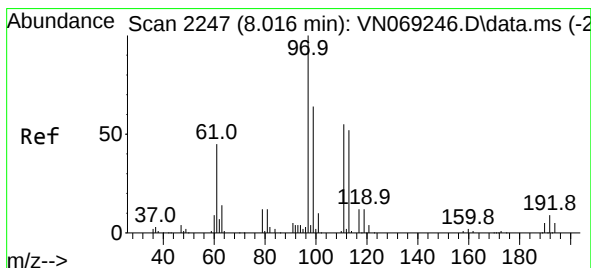
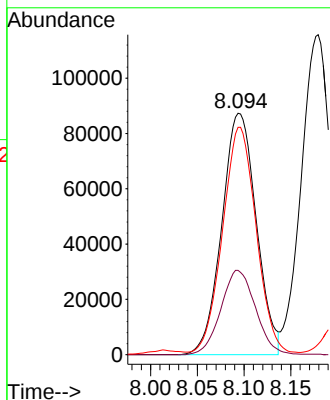
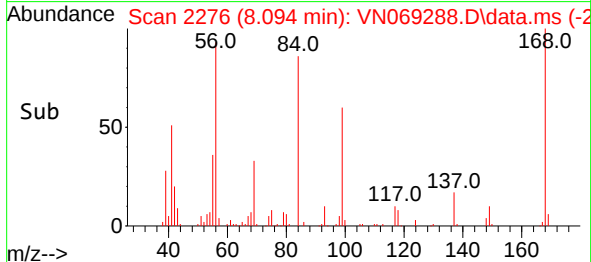
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



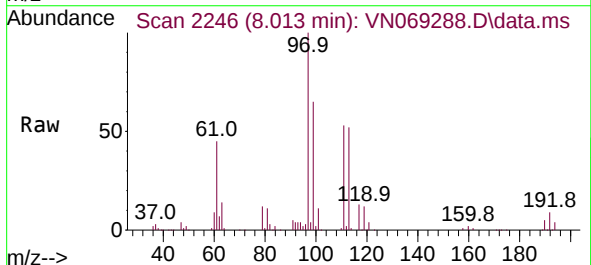
Tgt Ion: 56 Resp: 224104
Ion Ratio Lower Upper
56 100
69 34.9 26.9 40.3
84 92.9 67.6 101.4

Manual Integrations
APPROVED

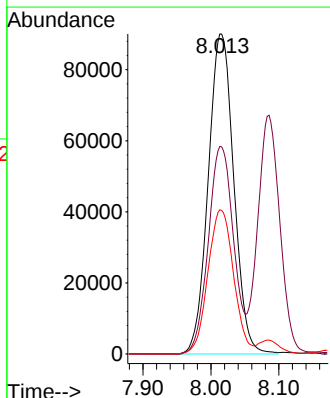
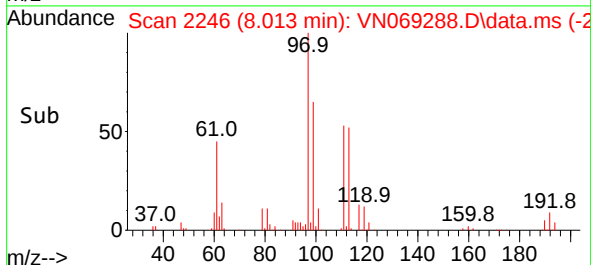
Reviewed By :John Carlone 11/01/2021
Supervised By :Mahesh Dadoda 11/01/2021

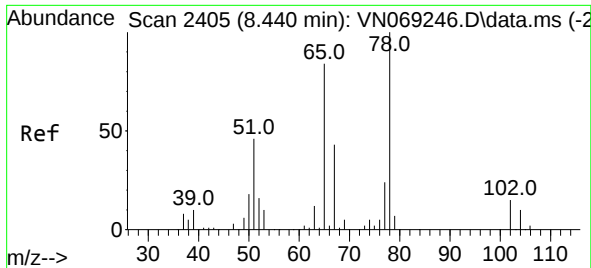


#32
1,1,1-Trichloroethane
Concen: 47.881 ug/l
RT: 8.013 min Scan# 2246
Delta R.T. -0.003 min
Lab File: VN069288.D
Acq: 29 Oct 2021 8:34



Tgt Ion: 97 Resp: 235327
Ion Ratio Lower Upper
97 100
99 63.8 50.8 76.2
61 45.3 34.6 51.8





#33
 1,2-Dichloroethane-d4
 Concen: 50.959 ug/l
 RT: 8.437 min Scan# 2405
 Delta R.T. -0.003 min
 Lab File: VN069288.D
 Acq: 29 Oct 2021 8:34

Instrument :

MSVOA_N

ClientSampleId :

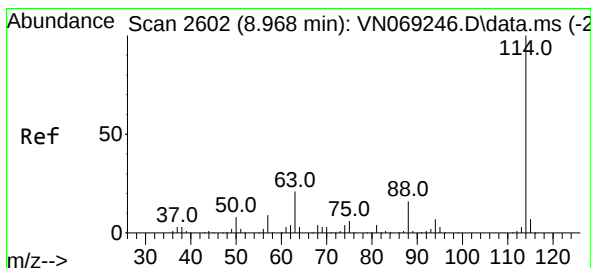
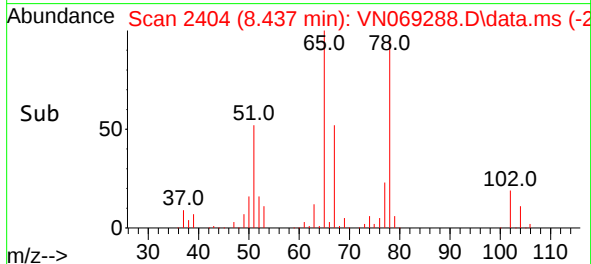
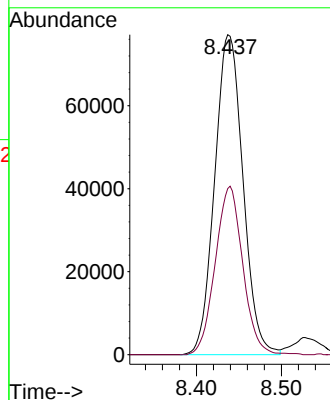
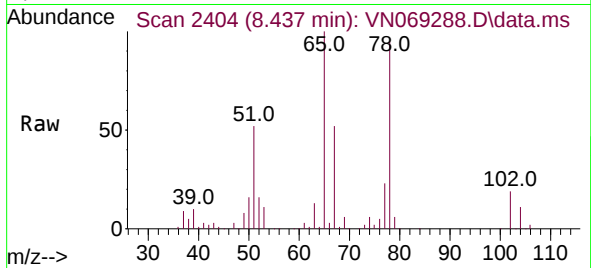
VSTDCCC050EC

Tgt Ion: 65 Resp: 178800
 Ion Ratio Lower Upper
 65 100
 67 51.3 0.0 103.8

Manual Integrations

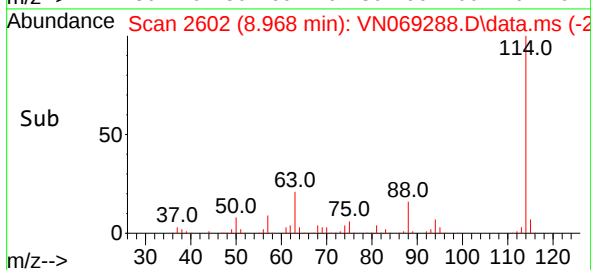
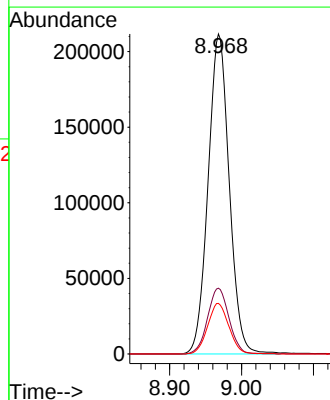
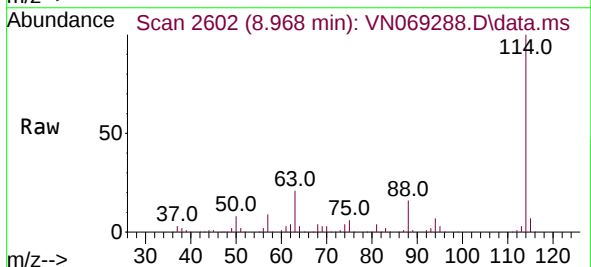
APPROVED

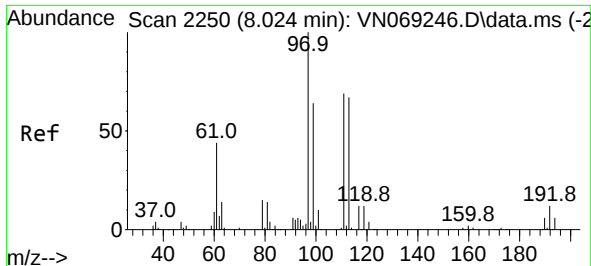
Reviewed By :John Carlone 11/01/2021
 Supervised By :Mahesh Dadoda 11/01/2021



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.968 min Scan# 2602
 Delta R.T. -0.000 min
 Lab File: VN069288.D
 Acq: 29 Oct 2021 8:34

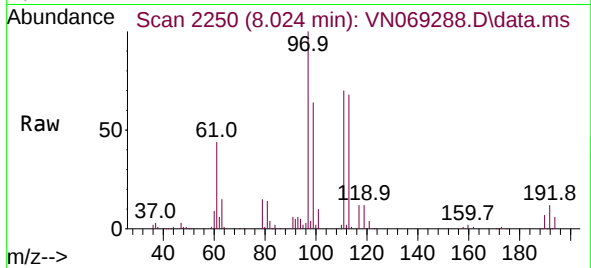
Tgt Ion:114 Resp: 432120
 Ion Ratio Lower Upper
 114 100
 63 20.6 0.0 42.6
 88 15.8 0.0 32.0





#35
Dibromofluoromethane
Concen: 49.957 ug/l
RT: 8.024 min Scan# 2113
Delta R.T. -0.000 min
Lab File: VN069288.D
Acq: 29 Oct 2021 8:34

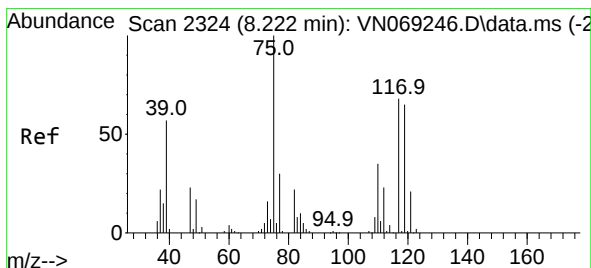
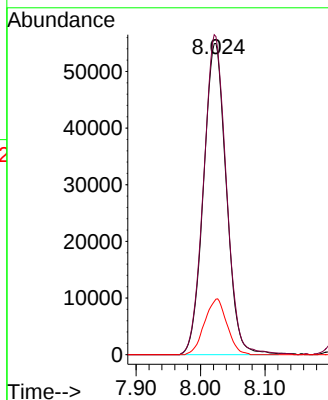
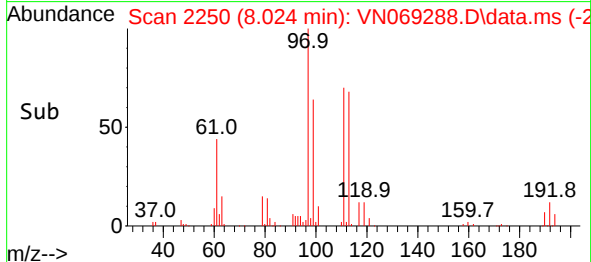
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:113 Resp: 134568
Ion Ratio Lower Upper
113 100
111 102.9 83.2 124.8
192 17.7 15.0 22.4

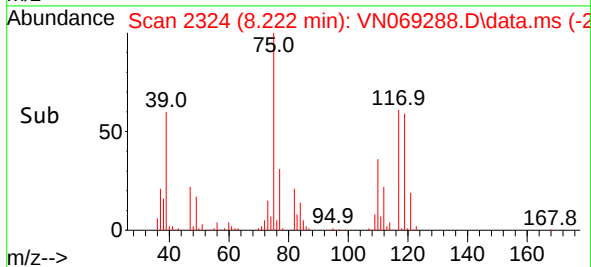
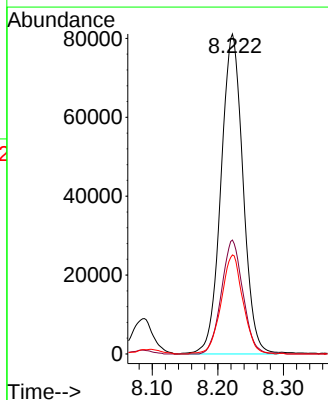
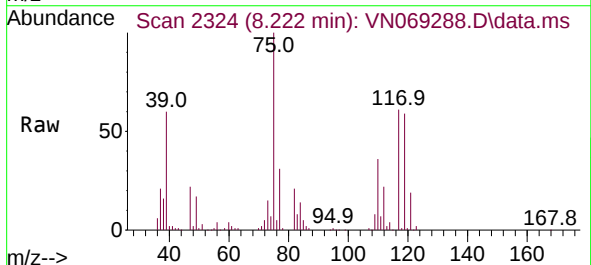
Manual Integrations
APPROVED

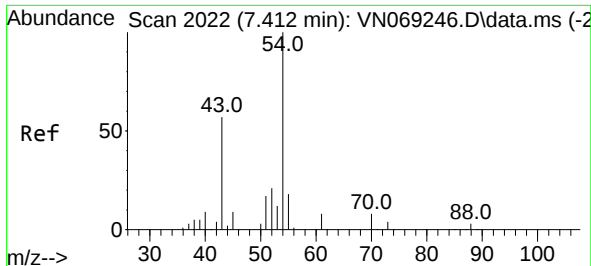
Reviewed By :John Carlone 11/01/2021
Supervised By :Mahesh Dadoda 11/01/2021



#36
1,1-Dichloropropene
Concen: 50.732 ug/l
RT: 8.222 min Scan# 2324
Delta R.T. 0.000 min
Lab File: VN069288.D
Acq: 29 Oct 2021 8:34

Tgt Ion: 75 Resp: 188995
Ion Ratio Lower Upper
75 100
110 34.7 17.9 53.8
77 30.7 24.7 37.1





#37

Ethyl Acetate

Concen: 49.771 ug/l

RT: 7.415 min Scan# 2022

Delta R.T. 0.003 min

Lab File: VN069288.D

Acq: 29 Oct 2021 8:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 211289

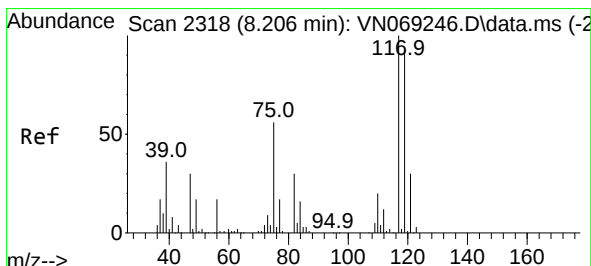
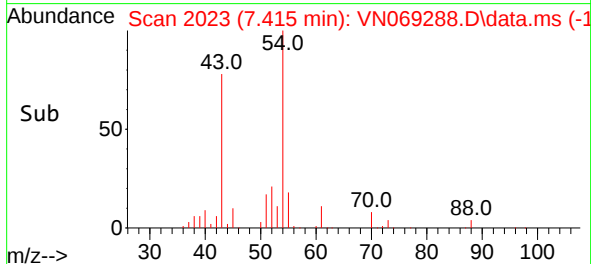
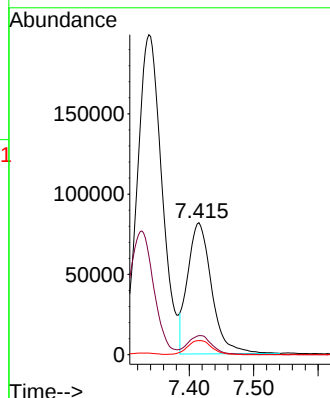
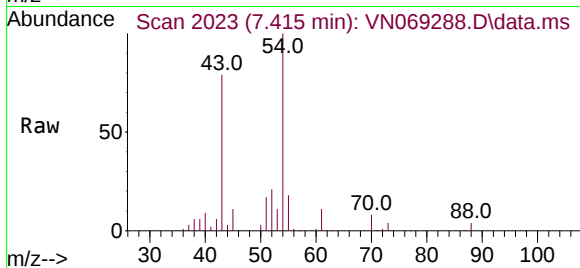
Ion	Ratio	Lower	Upper
43	100		
61	14.3	11.2	16.8
70	10.9	8.4	12.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/01/2021

Supervised By :Mahesh Dadoda 11/01/2021



#38

Carbon Tetrachloride

Concen: 46.867 ug/l

RT: 8.206 min Scan# 2318

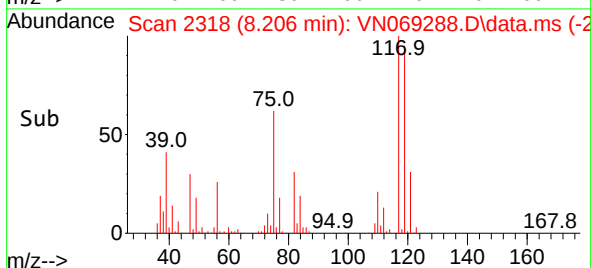
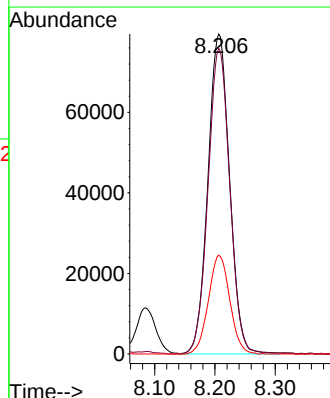
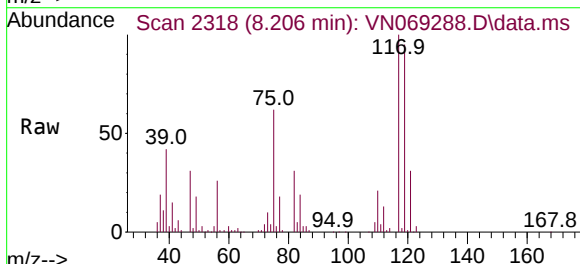
Delta R.T. 0.000 min

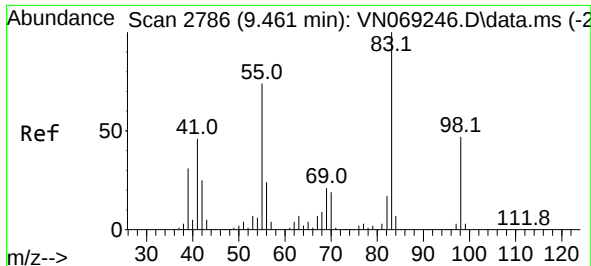
Lab File: VN069288.D

Acq: 29 Oct 2021 8:34

Tgt Ion:117 Resp: 198878

Ion	Ratio	Lower	Upper
117	100		
119	95.4	76.9	115.3
121	30.9	24.6	37.0





#39

Methylcyclohexane

Concen: 49.162 ug/l

RT: 9.459 min Scan# 21

Delta R.T. -0.002 min

Lab File: VN069288.D

Acq: 29 Oct 2021 8:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 226769

Ion Ratio Lower Upper

83 100

55 72.9 61.4 92.0

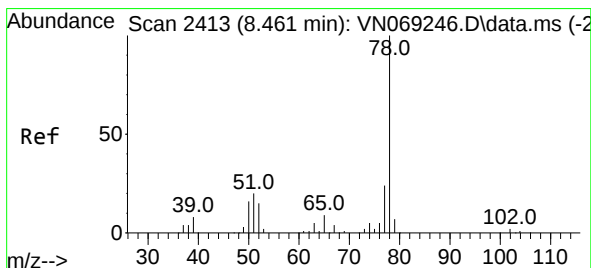
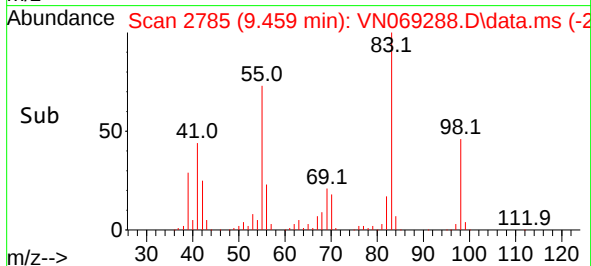
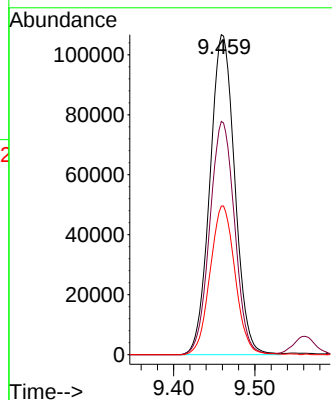
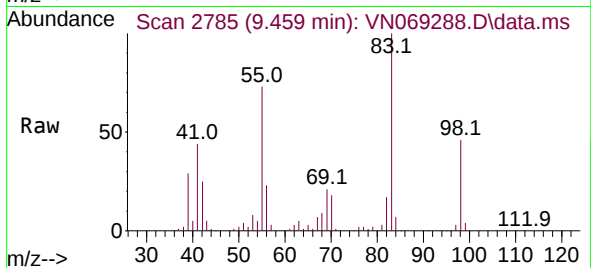
98 46.5 36.4 54.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/01/2021

Supervised By :Mahesh Dadoda 11/01/2021



#40

Benzene

Concen: 51.420 ug/l

RT: 8.458 min Scan# 2412

Delta R.T. -0.003 min

Lab File: VN069288.D

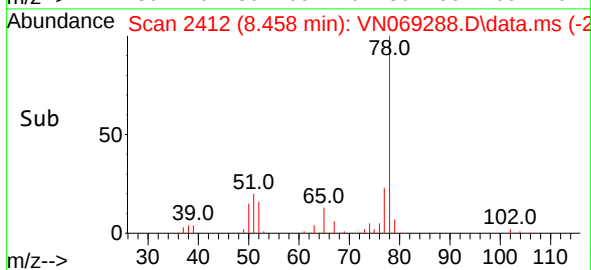
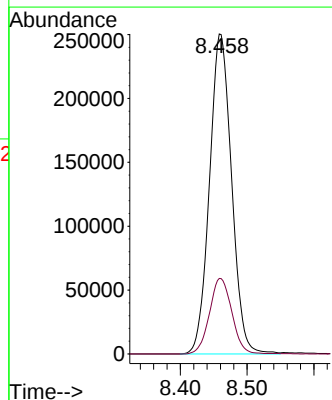
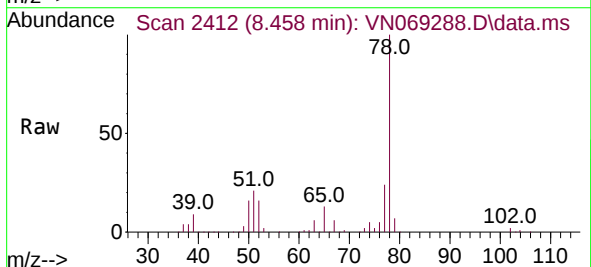
Acq: 29 Oct 2021 8:34

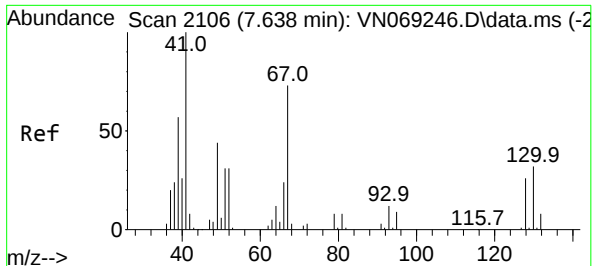
Tgt Ion: 78 Resp: 576171

Ion Ratio Lower Upper

78 100

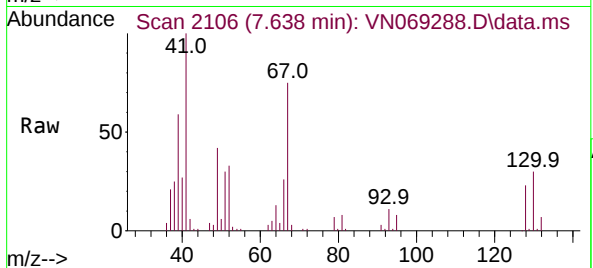
77 23.6 19.1 28.7





#41
Methacrylonitrile
Concen: 47.890 ug/l
RT: 7.638 min Scan# 2106
Delta R.T. -0.000 min
Lab File: VN069288.D
Acq: 29 Oct 2021 8:34

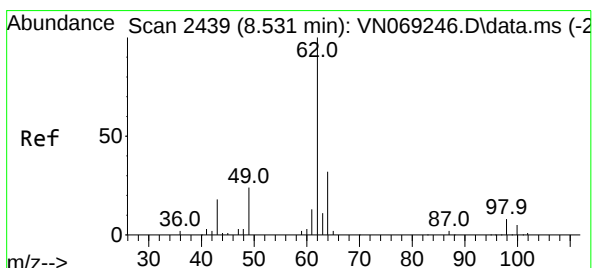
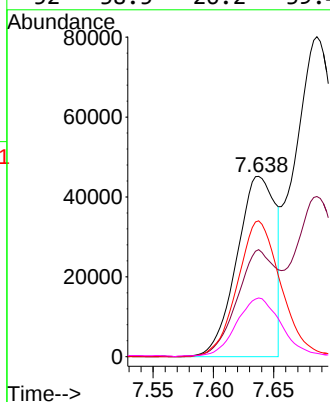
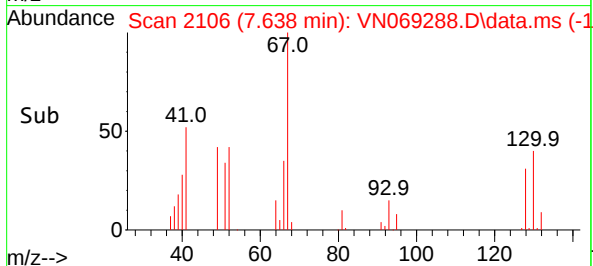
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



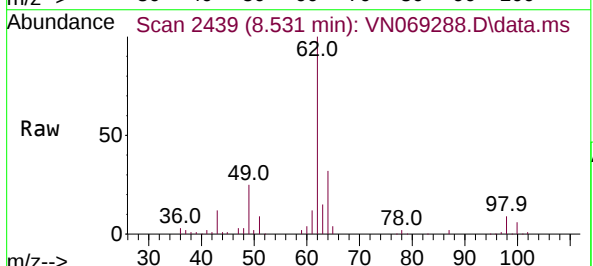
Tgt Ion: 41 Resp: 100227
Ion Ratio Lower Upper
41 100
39 61.7 44.9 67.3
67 85.2 62.6 93.8
52 38.5 26.2 39.4

Manual Integrations
APPROVED

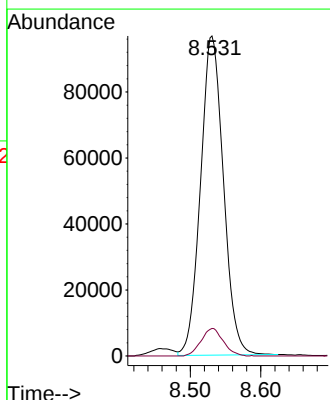
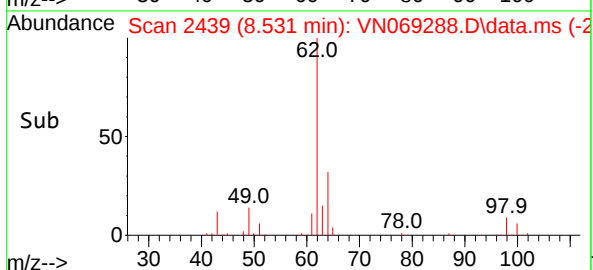
Reviewed By :John Carlone 11/01/2021
Supervised By :Mahesh Dadoda 11/01/2021

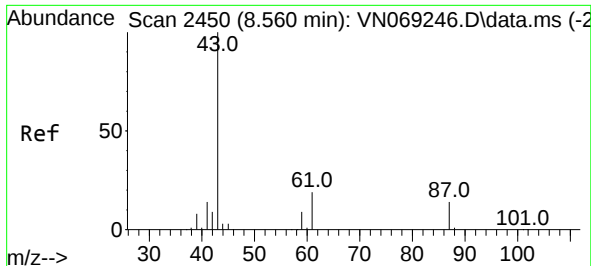


#42
1,2-Dichloroethane
Concen: 51.807 ug/l
RT: 8.531 min Scan# 2439
Delta R.T. -0.000 min
Lab File: VN069288.D
Acq: 29 Oct 2021 8:34



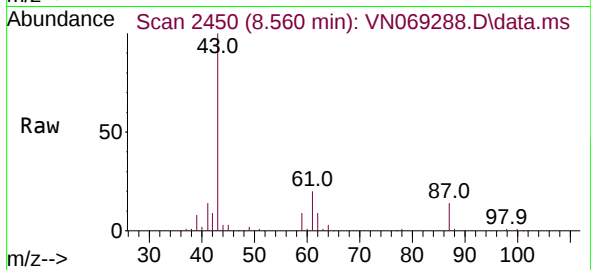
Tgt Ion: 62 Resp: 218459
Ion Ratio Lower Upper
62 100
98 8.3 0.0 17.2





#43
Isopropyl Acetate
Concen: 47.901 ug/l
RT: 8.560 min Scan# 2450
Delta R.T. 0.000 min
Lab File: VN069288.D
Acq: 29 Oct 2021 8:34

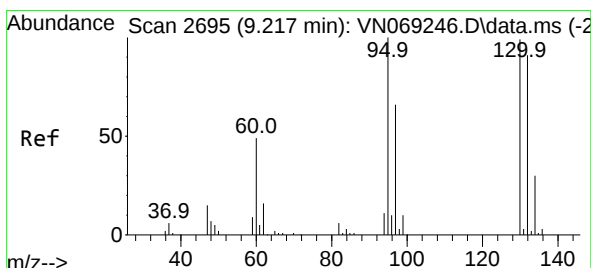
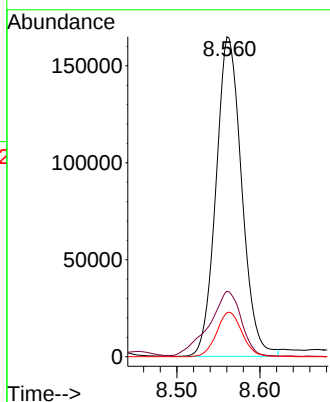
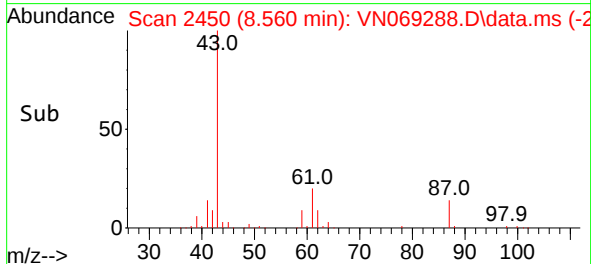
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 354500
Ion Ratio Lower Upper
43 100
61 25.5 20.4 30.6
87 13.8 10.7 16.1

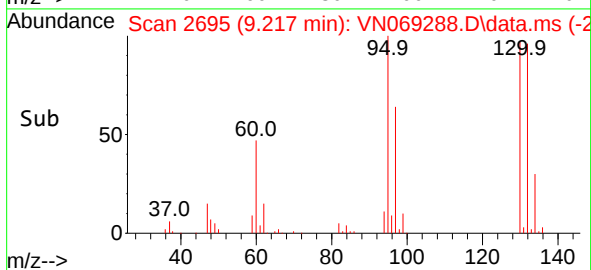
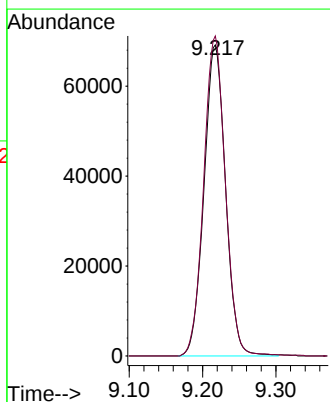
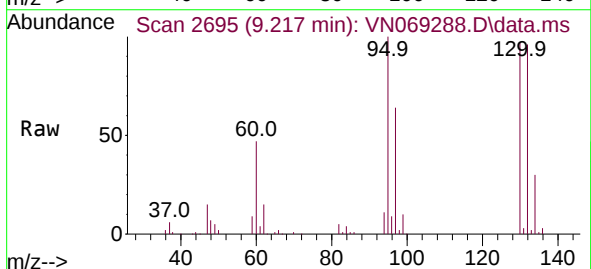
Manual Integrations
APPROVED

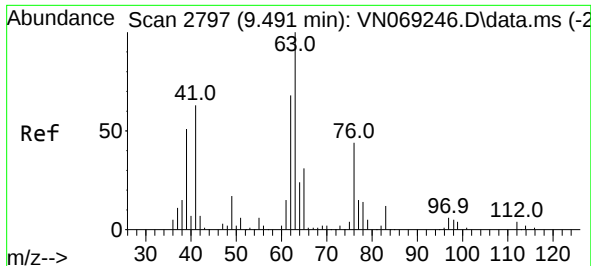
Reviewed By :John Carlone 11/01/2021
Supervised By :Mahesh Dadoda 11/01/2021



#44
Trichloroethene
Concen: 50.155 ug/l
RT: 9.217 min Scan# 2695
Delta R.T. 0.000 min
Lab File: VN069288.D
Acq: 29 Oct 2021 8:34

Tgt Ion:130 Resp: 141518
Ion Ratio Lower Upper
130 100
95 102.9 0.0 208.0





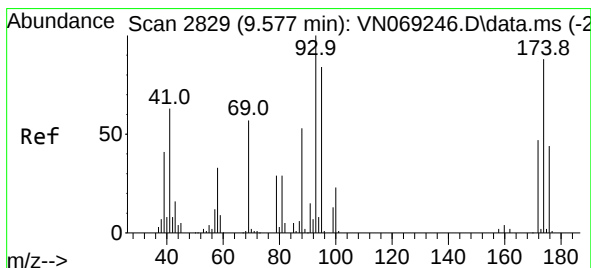
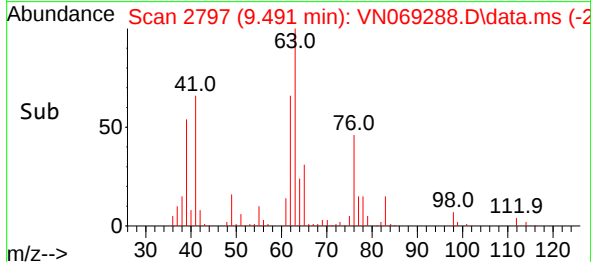
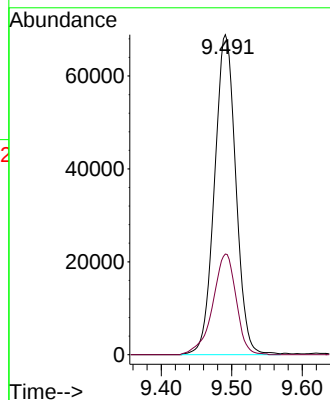
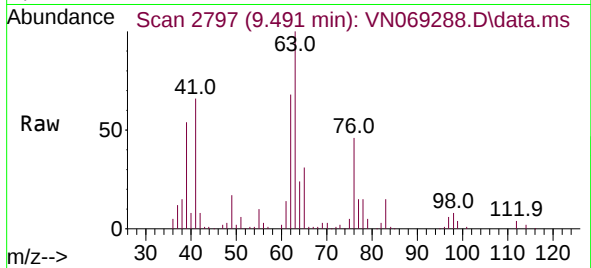
#45
1,2-Dichloropropane
Concen: 50.794 ug/l
RT: 9.491 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN069288.D
Acq: 29 Oct 2021 8:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 63 Resp: 144904
Ion Ratio Lower Upper
63 100
65 31.5 25.6 38.4

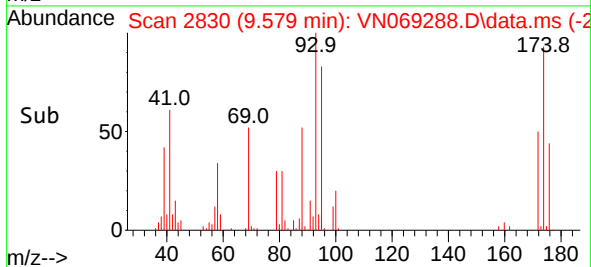
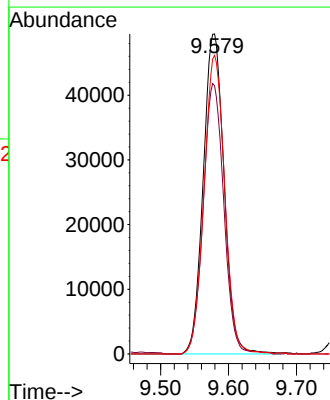
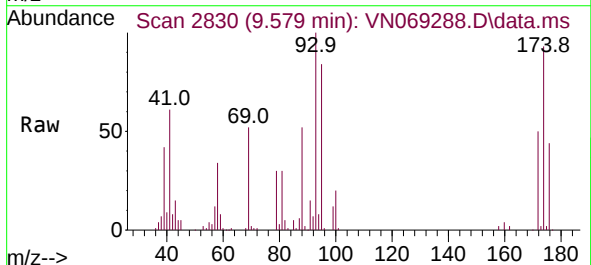
Manual Integrations
APPROVED

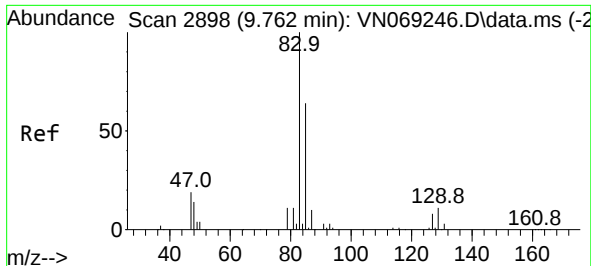
Reviewed By :John Carlone 11/01/2021
Supervised By :Mahesh Dadoda 11/01/2021



#46
Dibromomethane
Concen: 51.976 ug/l
RT: 9.579 min Scan# 2830
Delta R.T. 0.002 min
Lab File: VN069288.D
Acq: 29 Oct 2021 8:34

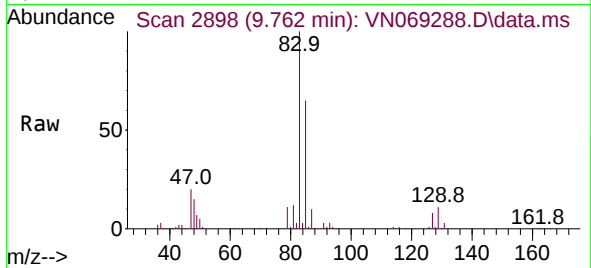
Tgt Ion: 93 Resp: 105347
Ion Ratio Lower Upper
93 100
95 83.1 66.5 99.7
174 92.9 73.8 110.8





#47
Bromodichloromethane
Concen: 46.826 ug/l
RT: 9.762 min Scan# 2898
Delta R.T. -0.000 min
Lab File: VN069288.D
Acq: 29 Oct 2021 8:34

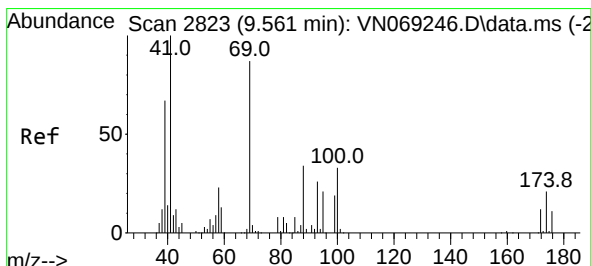
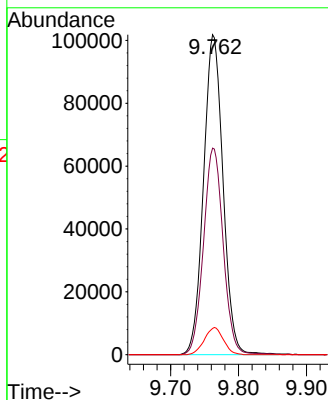
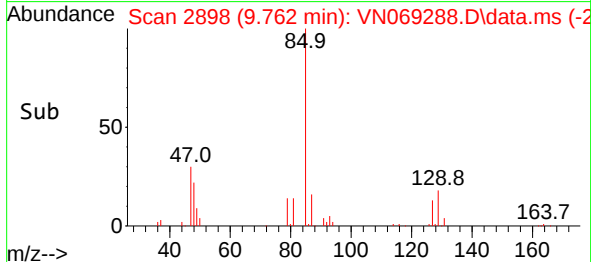
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 202919
Ion Ratio Lower Upper
83 100
85 64.5 50.7 76.1
127 8.2 6.5 9.7

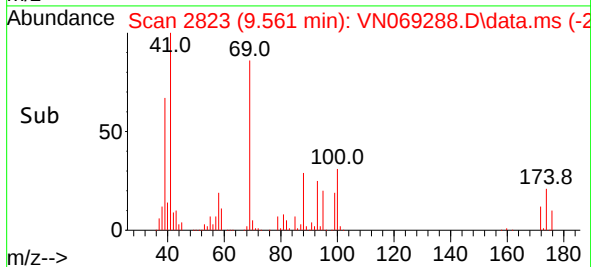
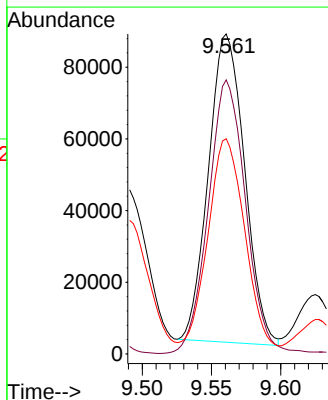
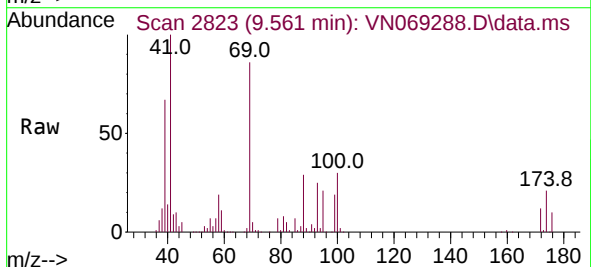
Manual Integrations
APPROVED

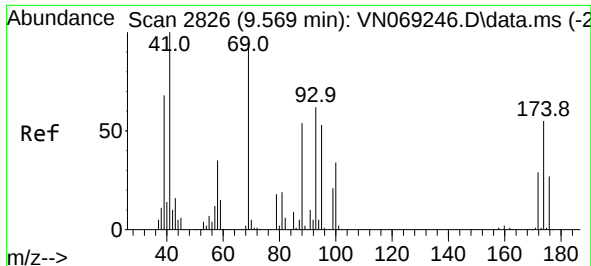
Reviewed By :John Carlone 11/01/2021
Supervised By :Mahesh Dadoda 11/01/2021



#48
Methyl methacrylate
Concen: 48.753 ug/l
RT: 9.561 min Scan# 2823
Delta R.T. -0.000 min
Lab File: VN069288.D
Acq: 29 Oct 2021 8:34

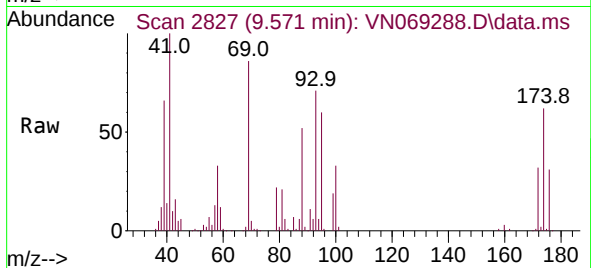
Tgt Ion: 41 Resp: 156207
Ion Ratio Lower Upper
41 100
69 92.1 66.4 99.6
39 72.4 50.2 75.2





#49
1,4-Dioxane
Concen: 883.518 ug/l
RT: 9.571 min Scan# 2826
Delta R.T. 0.002 min
Lab File: VN069288.D
Acq: 29 Oct 2021 8:34

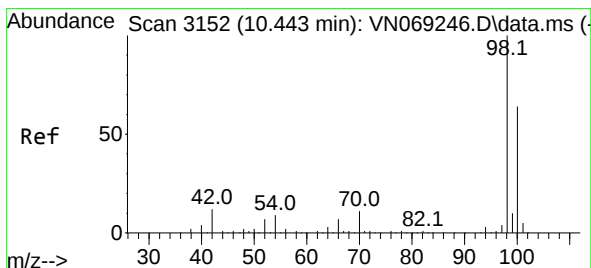
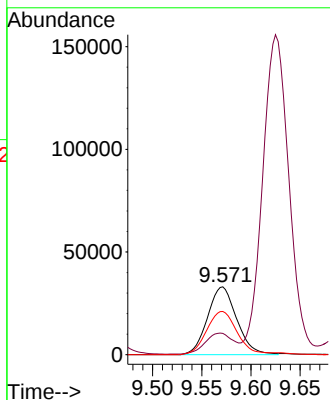
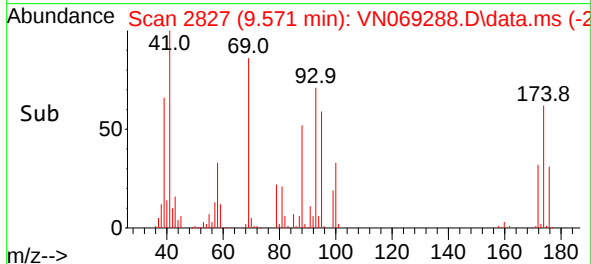
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 88 Resp: 68240
Ion Ratio Lower Upper
88 100
43 29.5 24.9 37.3
58 66.4 56.9 85.3

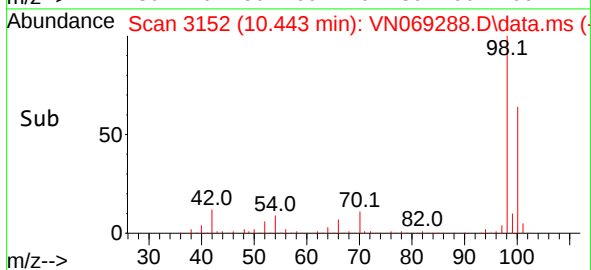
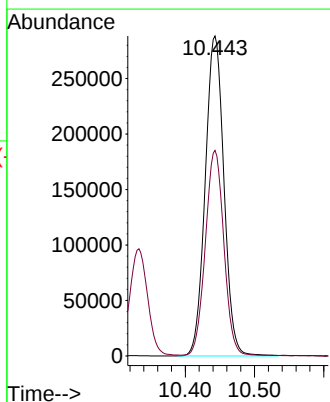
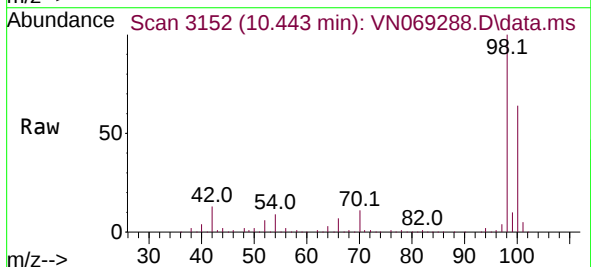
Manual Integrations
APPROVED

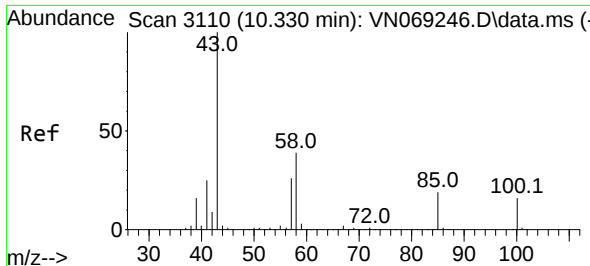
Reviewed By :John Carlone 11/01/2021
Supervised By :Mahesh Dadoda 11/01/2021



#50
Toluene-d8
Concen: 50.291 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. -0.000 min
Lab File: VN069288.D
Acq: 29 Oct 2021 8:34

Tgt Ion: 98 Resp: 541646
Ion Ratio Lower Upper
98 100
100 63.8 51.5 77.3





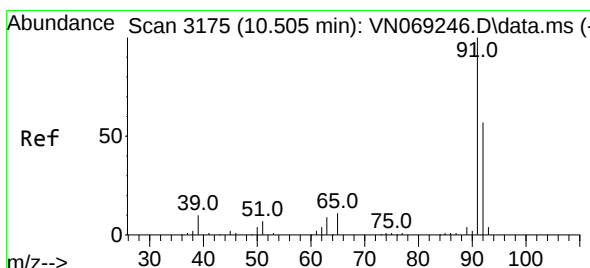
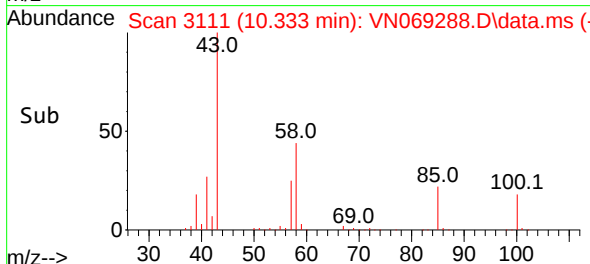
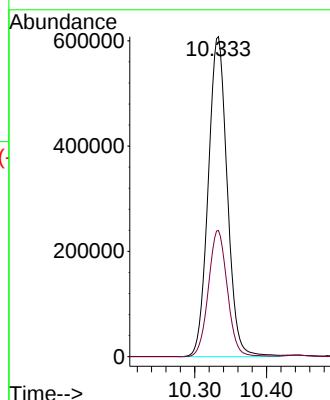
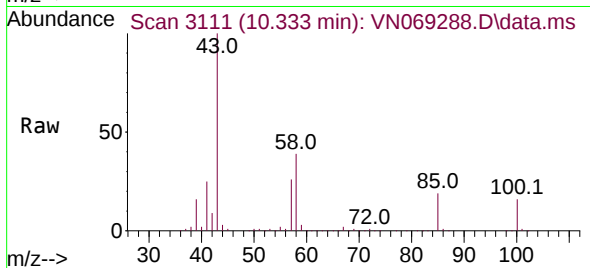
#51
4-Methyl-2-Pentanone
Concen: 232.459 ug/l
RT: 10.333 min Scan# 3111
Delta R.T. 0.003 min
Lab File: VN069288.D
Acq: 29 Oct 2021 8:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 111803
Ion Ratio Lower Upper
43 100
58 39.4 31.0 46.4

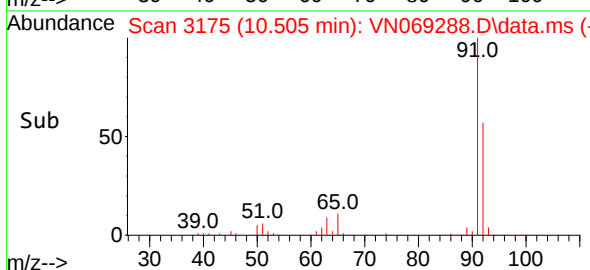
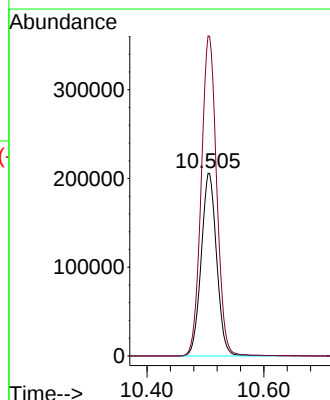
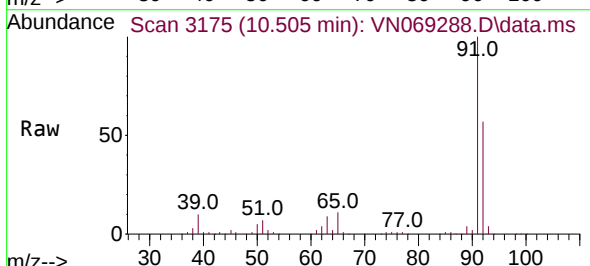
Manual Integrations
APPROVED

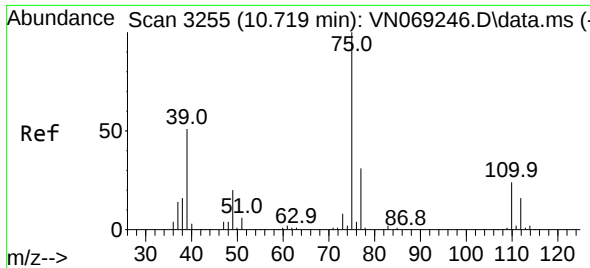
Reviewed By :John Carlone 11/01/2021
Supervised By :Mahesh Dadoda 11/01/2021



#52
Toluene
Concen: 51.376 ug/l
RT: 10.505 min Scan# 3175
Delta R.T. -0.000 min
Lab File: VN069288.D
Acq: 29 Oct 2021 8:34

Tgt Ion: 92 Resp: 377542
Ion Ratio Lower Upper
92 100
91 175.4 138.5 207.7





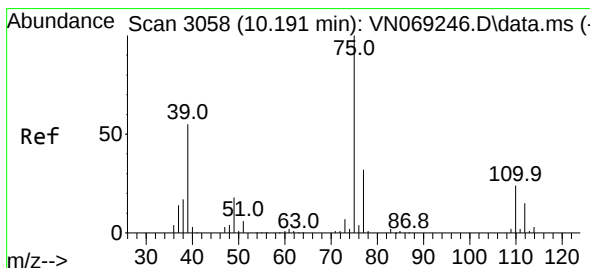
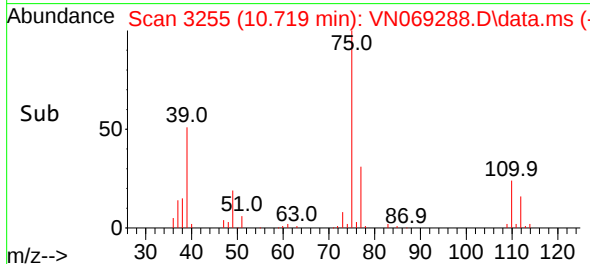
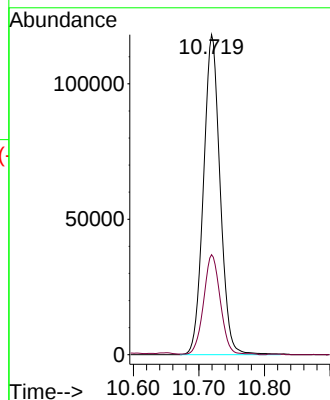
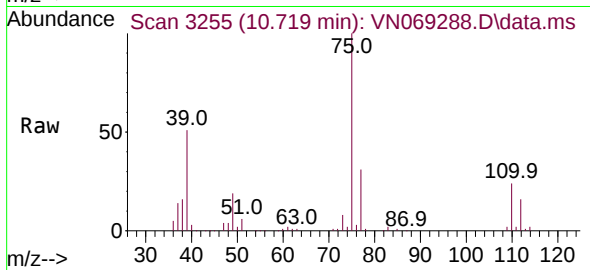
#53
t-1,3-Dichloropropene
Concen: 42.497 ug/l
RT: 10.719 min Scan# 3255
Delta R.T. 0.000 min
Lab File: VN069288.D
Acq: 29 Oct 2021 8:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 207749
Ion Ratio Lower Upper
75 100
77 31.1 25.4 38.2

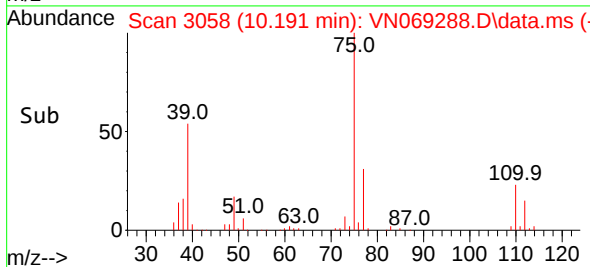
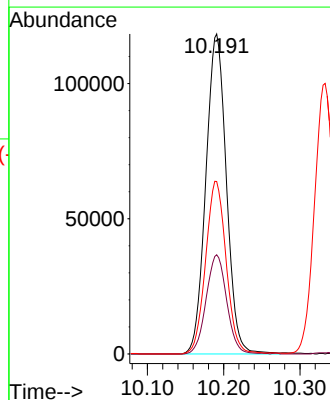
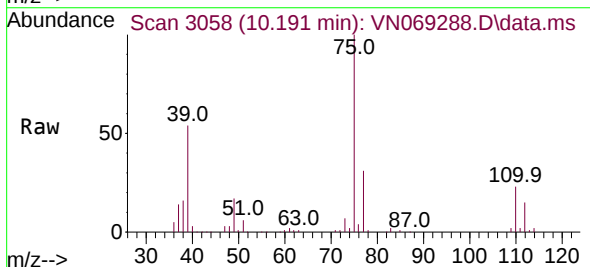
Manual Integrations
APPROVED

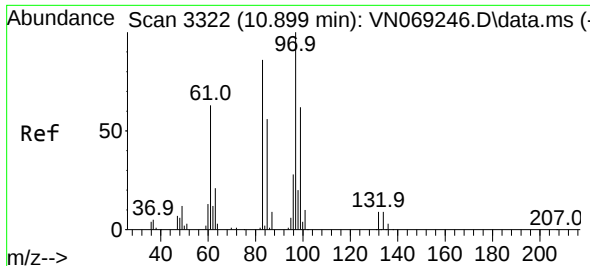
Reviewed By :John Carlone 11/01/2021
Supervised By :Mahesh Dadoda 11/01/2021



#54
cis-1,3-Dichloropropene
Concen: 43.526 ug/l
RT: 10.191 min Scan# 3058
Delta R.T. -0.000 min
Lab File: VN069288.D
Acq: 29 Oct 2021 8:34

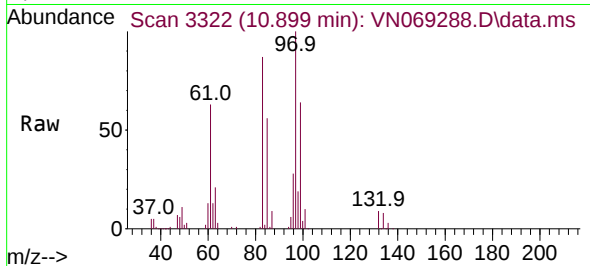
Tgt Ion: 75 Resp: 221426
Ion Ratio Lower Upper
75 100
77 31.0 25.6 38.4
39 53.9 42.9 64.3





#55
1,1,2-Trichloroethane
Concen: 51.049 ug/l
RT: 10.899 min Scan# 3322
Delta R.T. -0.000 min
Lab File: VN069288.D
Acq: 29 Oct 2021 8:34

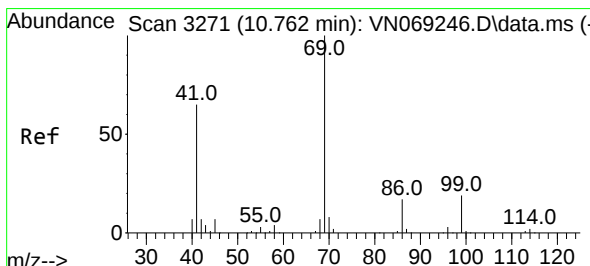
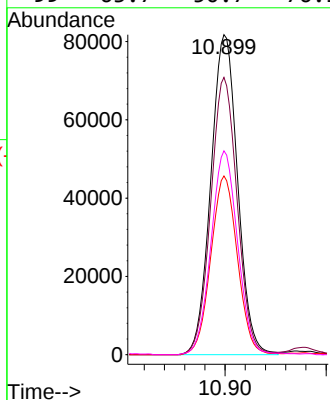
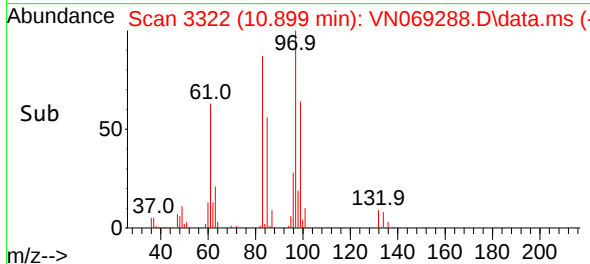
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



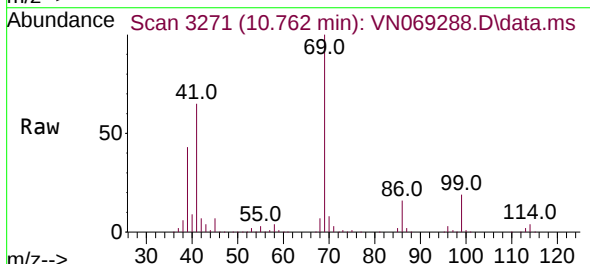
Tgt Ion:	97	Resp:	15050
Ion Ratio	Lower	Upper	
97	100		
83	86.6	70.5	105.7
85	55.8	45.3	67.9
99	63.7	50.7	76.1

Manual Integrations
APPROVED

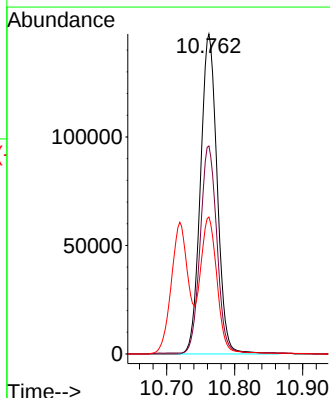
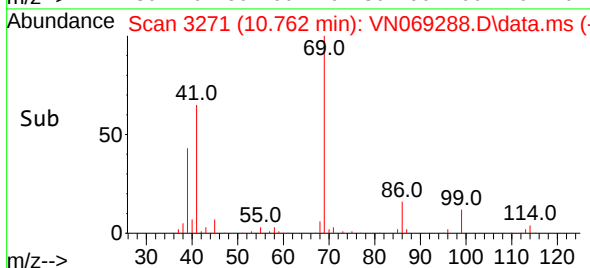
Reviewed By :John Carlone 11/01/2021
Supervised By :Mahesh Dadoda 11/01/2021

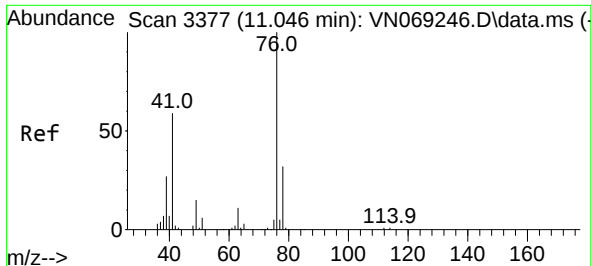


#56
Ethyl methacrylate
Concen: 46.560 ug/l
RT: 10.762 min Scan# 3271
Delta R.T. 0.000 min
Lab File: VN069288.D
Acq: 29 Oct 2021 8:34



Tgt Ion:	69	Resp:	251546
Ion Ratio	Lower	Upper	
69	100		
41	64.1	53.3	79.9
39	41.9	33.3	49.9





#57

1,3-Dichloropropane

Concen: 51.633 ug/l

RT: 11.044 min Scan# 31

Delta R.T. -0.002 min

Lab File: VN069288.D

Acq: 29 Oct 2021 8:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 253930

Ion Ratio Lower Upper

76 100

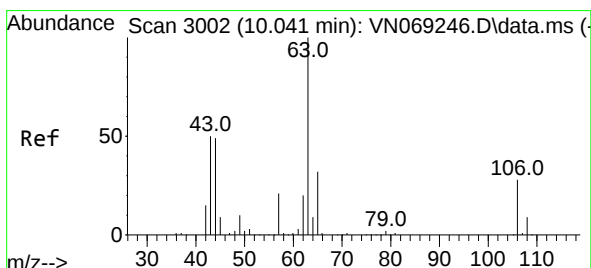
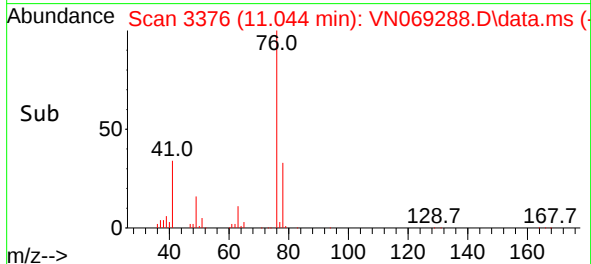
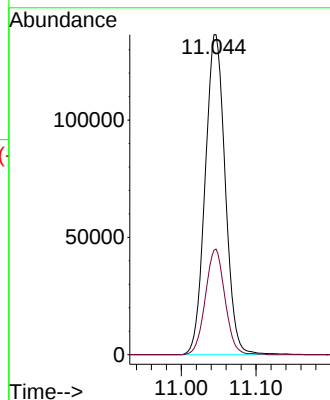
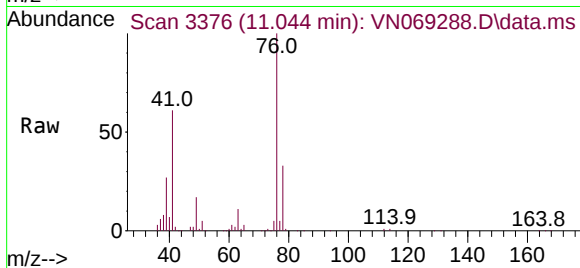
78 32.3 25.8 38.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/01/2021

Supervised By :Mahesh Dadoda 11/01/2021



#58

2-Chloroethyl Vinyl ether

Concen: 214.979 ug/l

RT: 10.043 min Scan# 3003

Delta R.T. 0.002 min

Lab File: VN069288.D

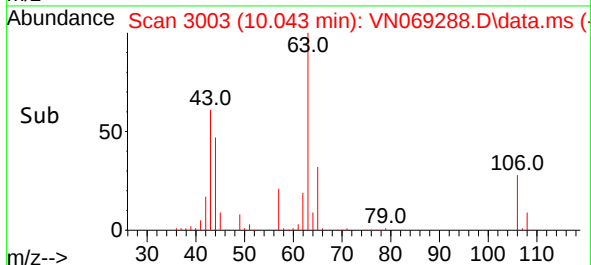
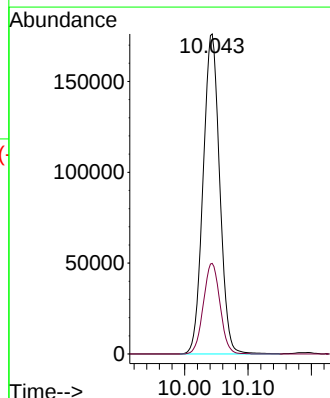
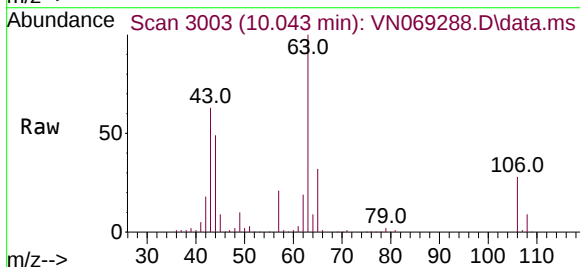
Acq: 29 Oct 2021 8:34

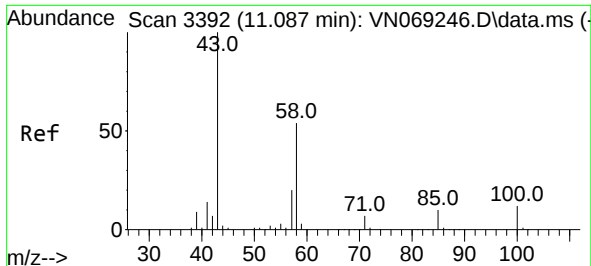
Tgt Ion: 63 Resp: 320181

Ion Ratio Lower Upper

63 100

106 28.5 22.2 33.2





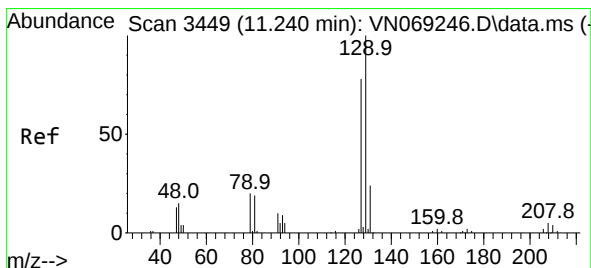
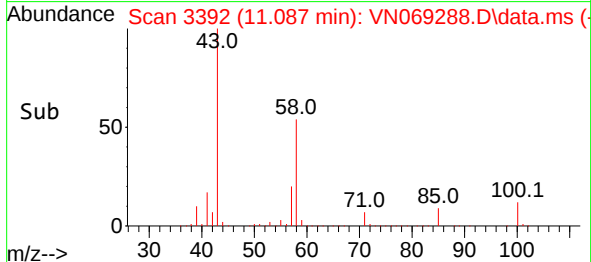
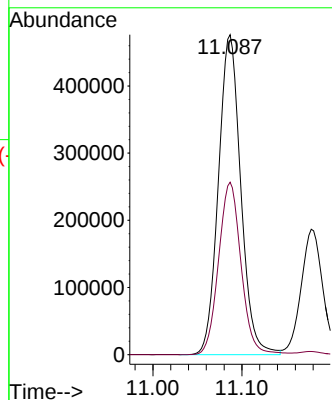
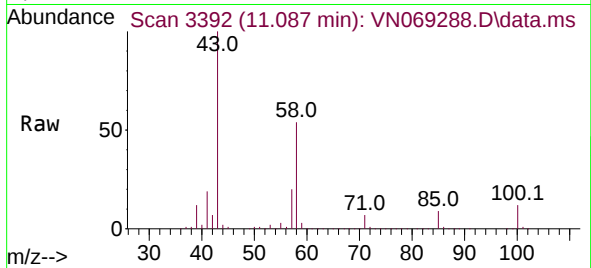
#59
2-Hexanone
Concen: 226.714 ug/l
RT: 11.087 min Scan# 3392
Delta R.T. -0.000 min
Lab File: VN069288.D
Acq: 29 Oct 2021 8:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 832592
Ion Ratio Lower Upper
43 100
58 54.2 26.9 80.7

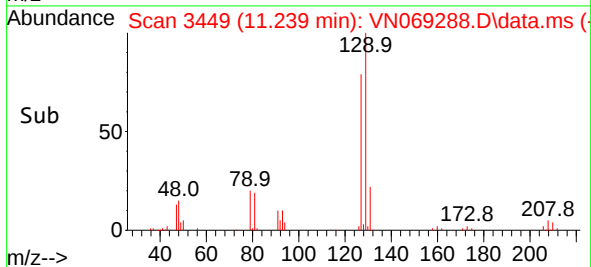
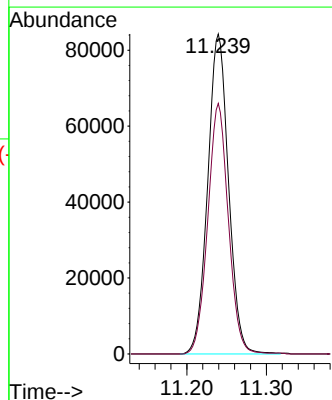
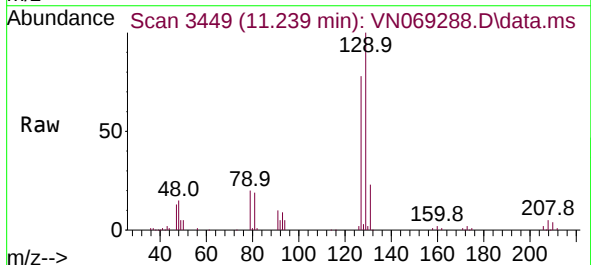
Manual Integrations
APPROVED

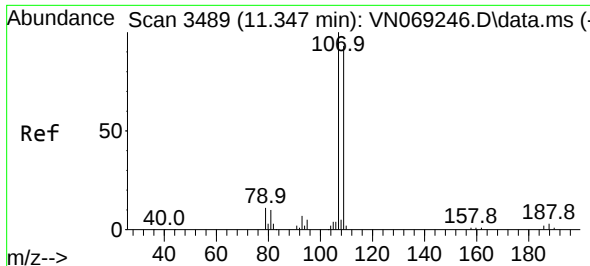
Reviewed By :John Carlone 11/01/2021
Supervised By :Mahesh Dadoda 11/01/2021



#60
Dibromochloromethane
Concen: 45.869 ug/l
RT: 11.239 min Scan# 3449
Delta R.T. -0.001 min
Lab File: VN069288.D
Acq: 29 Oct 2021 8:34

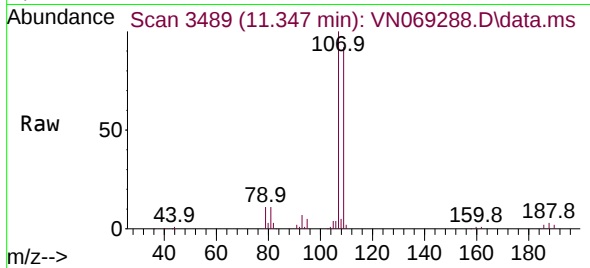
Tgt Ion:129 Resp: 153388
Ion Ratio Lower Upper
129 100
127 77.4 39.1 117.2





#61
1,2-Dibromoethane
Concen: 47.596 ug/l
RT: 11.347 min Scan# 3489
Delta R.T. -0.000 min
Lab File: VN069288.D
Acq: 29 Oct 2021 8:34

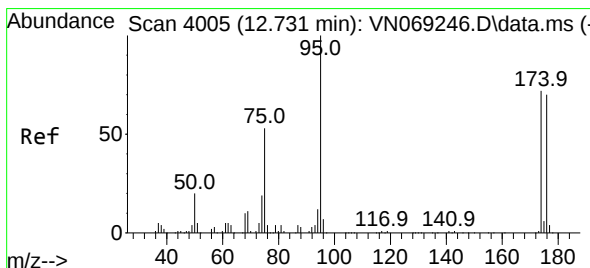
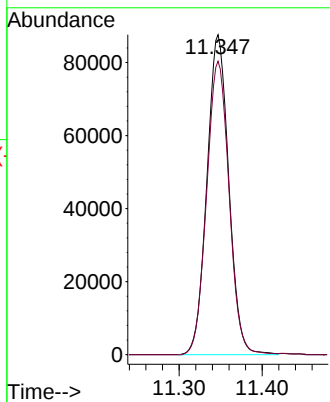
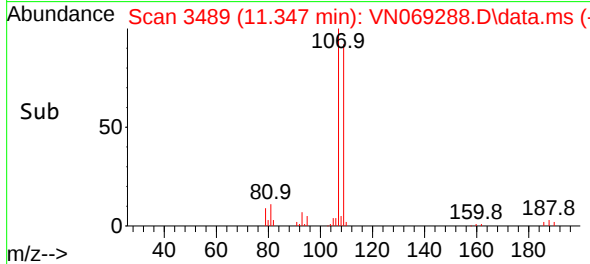
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



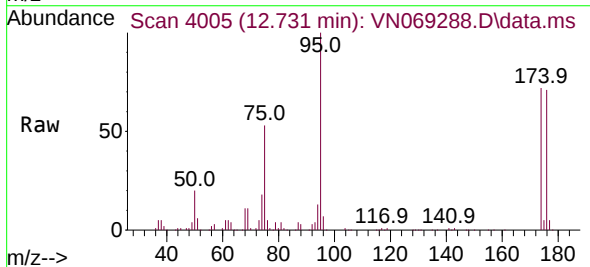
Tgt Ion:107 Resp: 16010
Ion Ratio Lower Upper
107 100
109 94.0 74.7 112.1

Manual Integrations
APPROVED

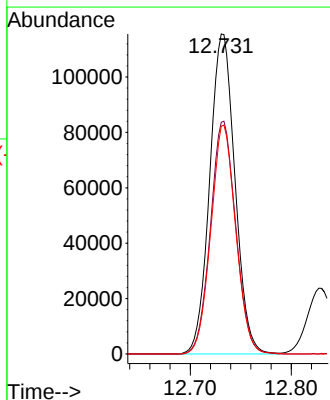
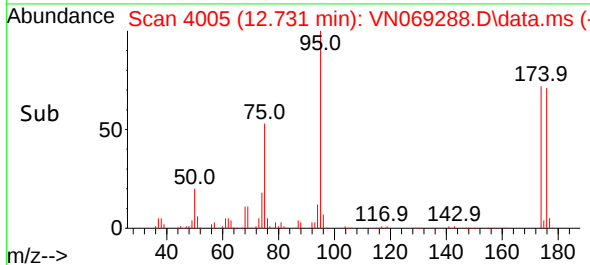
Reviewed By :John Carlone 11/01/2021
Supervised By :Mahesh Dadoda 11/01/2021

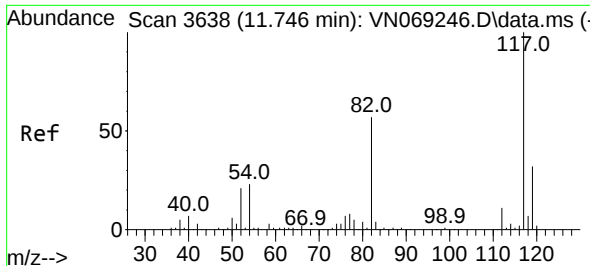


#62
4-Bromofluorobenzene
Concen: 49.318 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN069288.D
Acq: 29 Oct 2021 8:34



Tgt Ion: 95 Resp: 200436
Ion Ratio Lower Upper
95 100
174 72.9 0.0 144.8
176 70.4 0.0 140.0





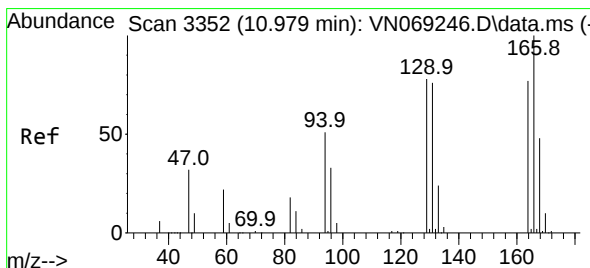
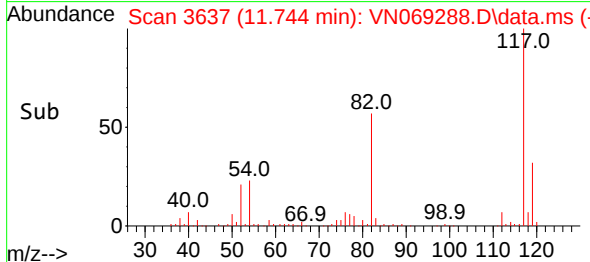
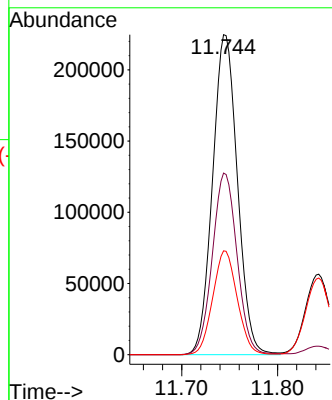
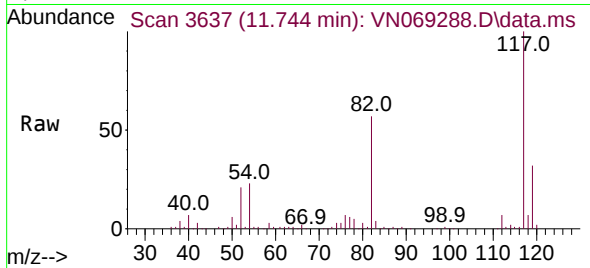
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3638
Delta R.T. -0.003 min
Lab File: VN069288.D
Acq: 29 Oct 2021 8:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:117 Resp: 40465
Ion Ratio Lower Upper
117 100
82 56.7 46.4 69.6
119 32.4 26.0 39.0

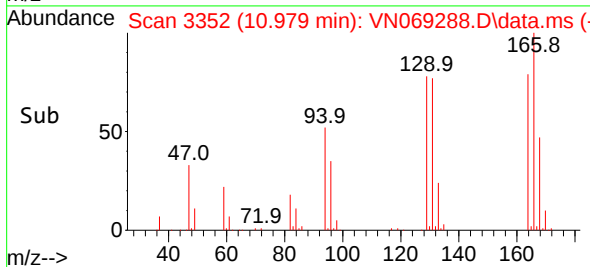
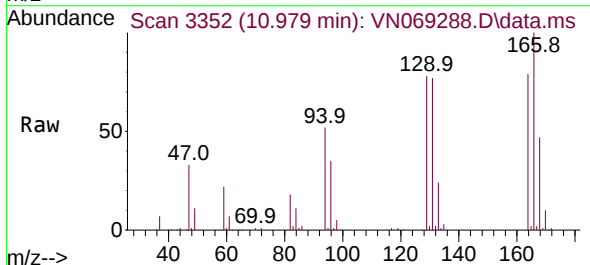
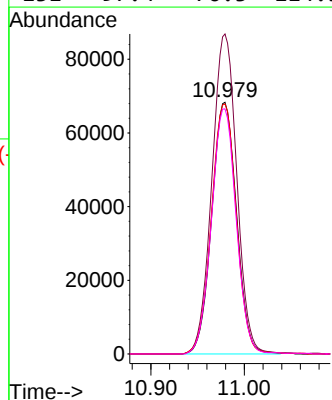
Manual Integrations
APPROVED

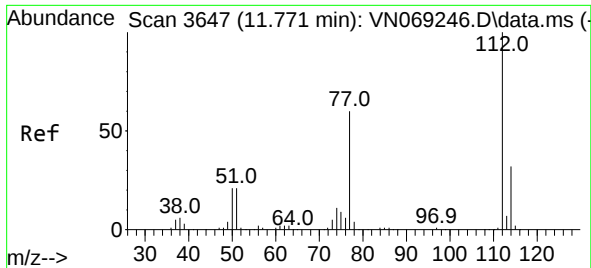
Reviewed By :John Carlone 11/01/2021
Supervised By :Mahesh Dadoda 11/01/2021



#64
Tetrachloroethene
Concen: 48.693 ug/l
RT: 10.979 min Scan# 3352
Delta R.T. 0.000 min
Lab File: VN069288.D
Acq: 29 Oct 2021 8:34

Tgt Ion:164 Resp: 125856
Ion Ratio Lower Upper
164 100
166 127.2 99.8 149.8
129 99.4 79.2 118.8
131 97.4 76.3 114.5





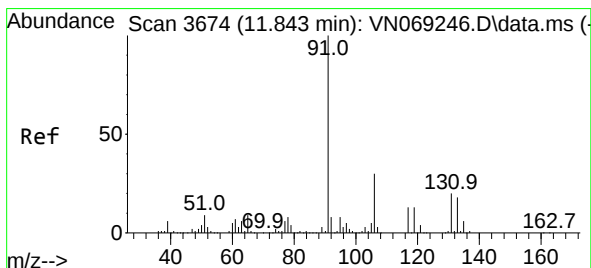
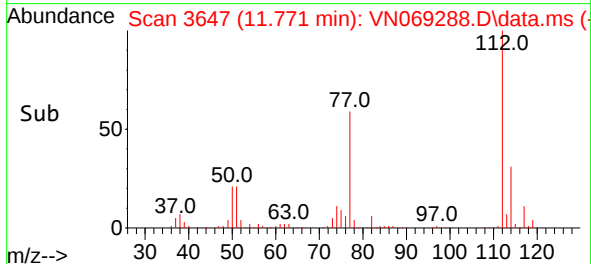
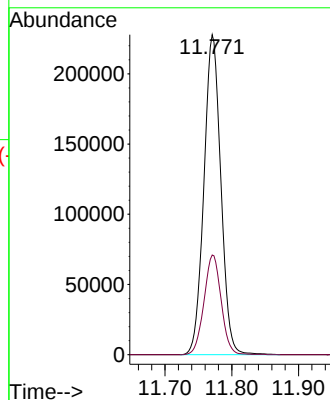
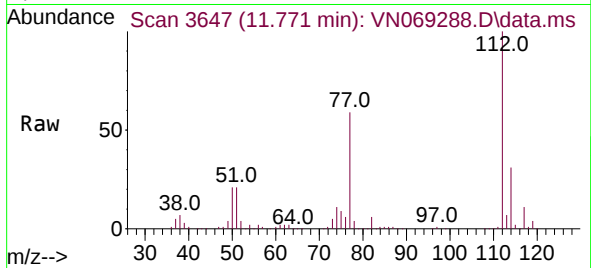
#65
Chlorobenzene
Concen: 50.390 ug/l
RT: 11.771 min Scan# 3647
Delta R.T. -0.000 min
Lab File: VN069288.D
Acq: 29 Oct 2021 8:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:112 Resp: 40127
Ion Ratio Lower Upper
112 100
114 31.1 25.5 38.3

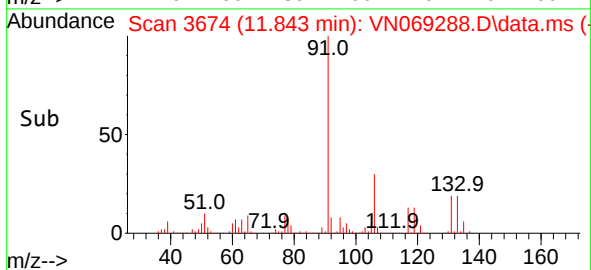
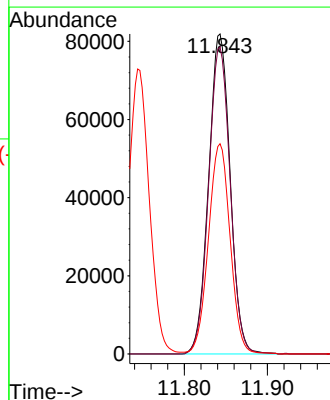
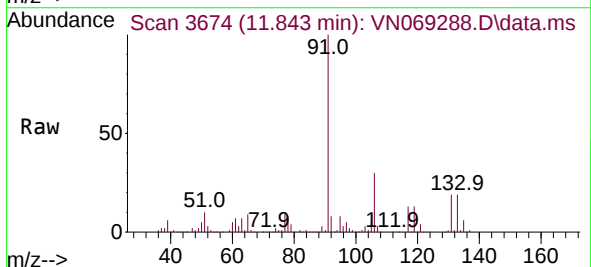
Manual Integrations
APPROVED

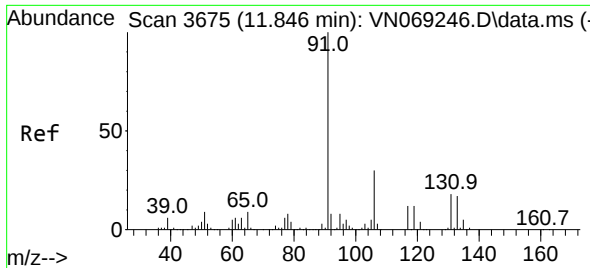
Reviewed By :John Carlone 11/01/2021
Supervised By :Mahesh Dadoda 11/01/2021



#66
1,1,1,2-Tetrachloroethane
Concen: 47.943 ug/l
RT: 11.843 min Scan# 3674
Delta R.T. -0.000 min
Lab File: VN069288.D
Acq: 29 Oct 2021 8:34

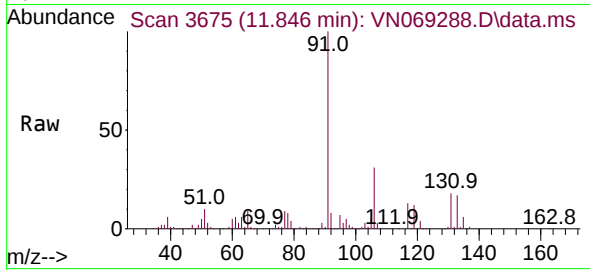
Tgt Ion:131 Resp: 147476
Ion Ratio Lower Upper
131 100
133 95.9 47.3 142.0
119 66.4 33.0 99.0





#67
Ethyl Benzene
Concen: 51.216 ug/l
RT: 11.846 min Scan# 3675
Delta R.T. -0.000 min
Lab File: VN069288.D
Acq: 29 Oct 2021 8:34

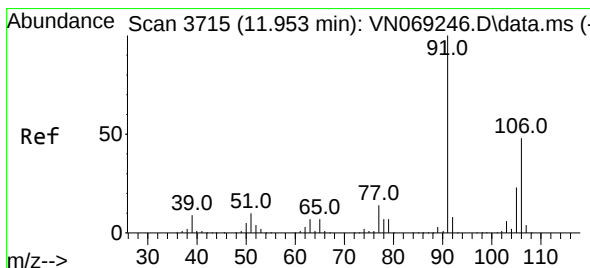
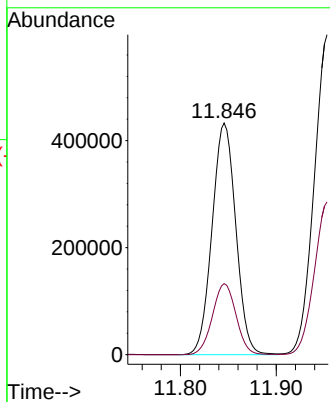
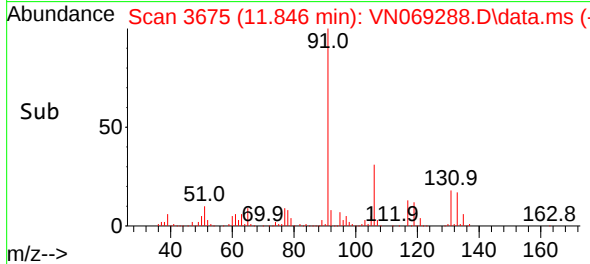
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 74301
Ion Ratio Lower Upper
91 100
106 30.7 24.8 37.2

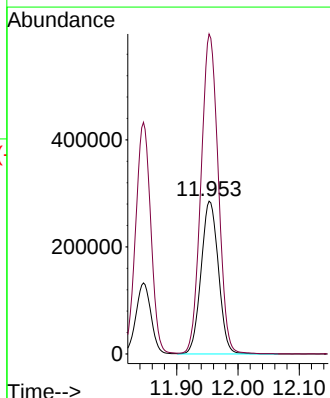
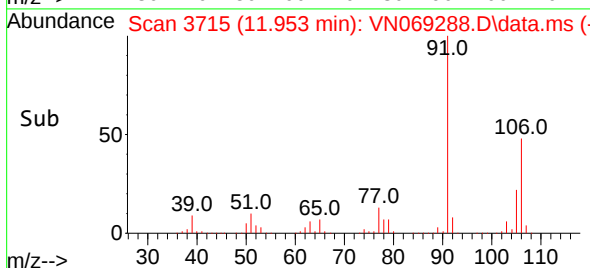
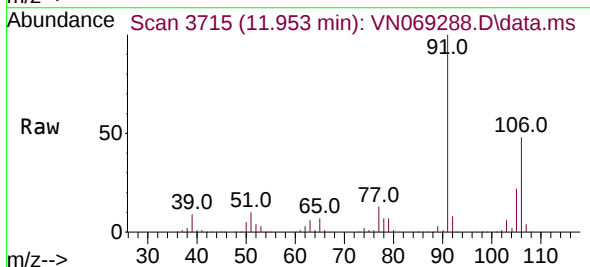
Manual Integrations
APPROVED

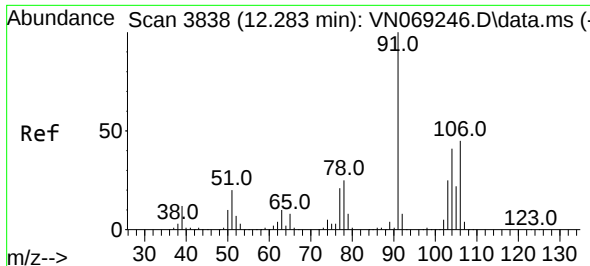
Reviewed By :John Carlone 11/01/2021
Supervised By :Mahesh Dadoda 11/01/2021



#68
m/p-Xylenes
Concen: 103.760 ug/l
RT: 11.953 min Scan# 3715
Delta R.T. -0.000 min
Lab File: VN069288.D
Acq: 29 Oct 2021 8:34

Tgt Ion:106 Resp: 560712
Ion Ratio Lower Upper
106 100
91 208.3 166.8 250.2





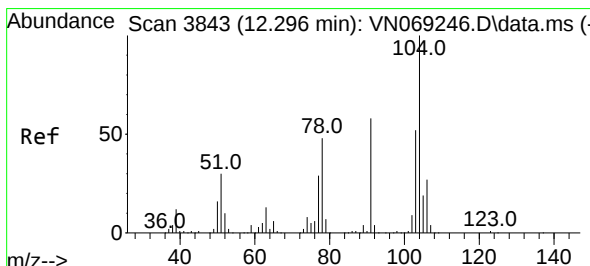
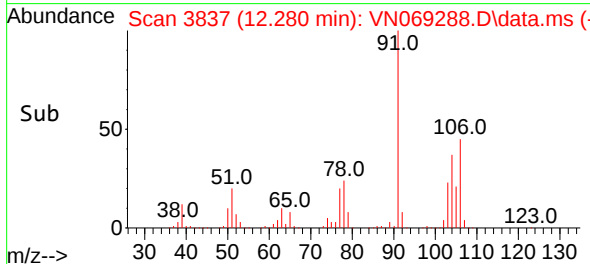
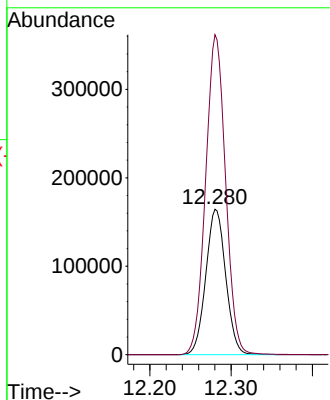
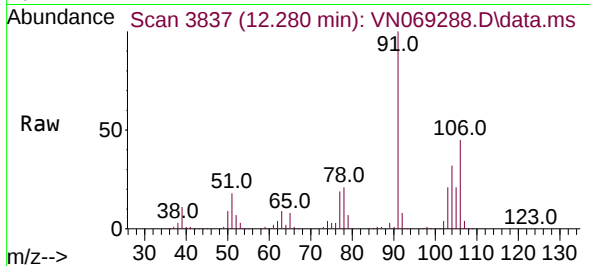
#69
o-Xylene
Concen: 51.532 ug/l
RT: 12.280 min Scan# 3837
Delta R.T. -0.003 min
Lab File: VN069288.D
Acq: 29 Oct 2021 8:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 280268
Ion Ratio Lower Upper
106 100
91 219.9 109.6 328.6

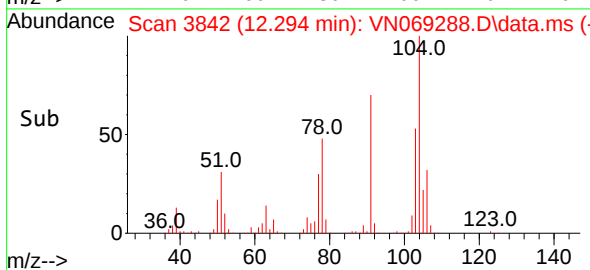
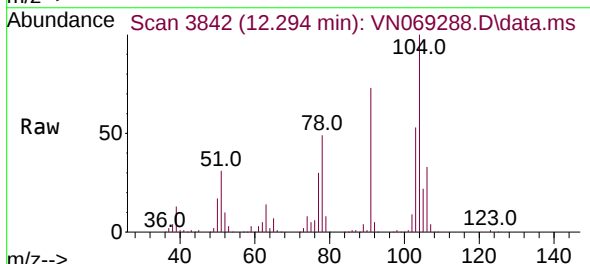
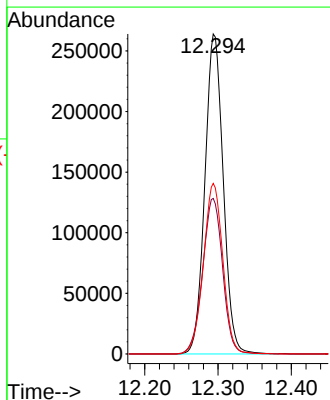
Manual Integrations
APPROVED

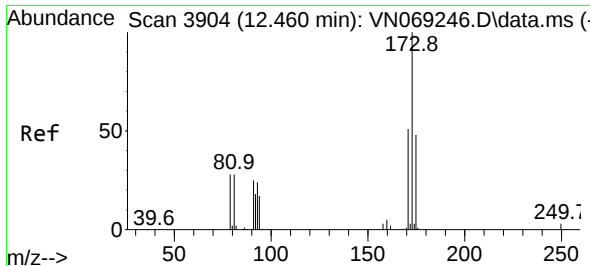
Reviewed By :John Carlone 11/01/2021
Supervised By :Mahesh Dadoda 11/01/2021



#70
Styrene
Concen: 46.588 ug/l
RT: 12.294 min Scan# 3842
Delta R.T. -0.002 min
Lab File: VN069288.D
Acq: 29 Oct 2021 8:34

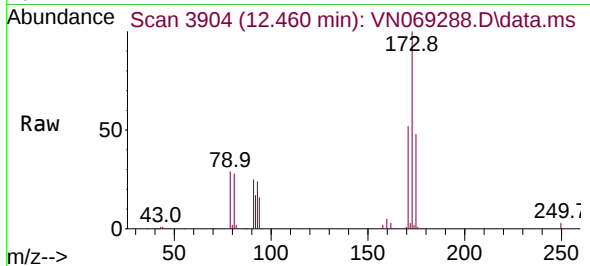
Tgt Ion:104 Resp: 459494
Ion Ratio Lower Upper
104 100
78 52.9 42.2 63.4
103 56.5 44.4 66.6





#71
Bromoform
Concen: 43.717 ug/l
RT: 12.460 min Scan# 3904
Delta R.T. -0.000 min
Lab File: VN069288.D
Acq: 29 Oct 2021 8:34

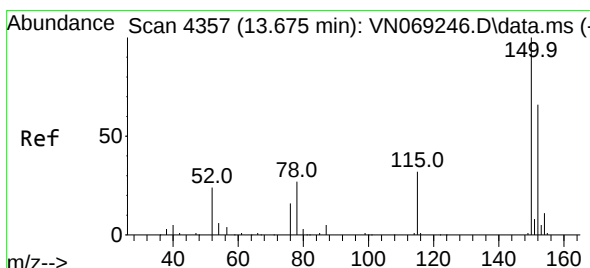
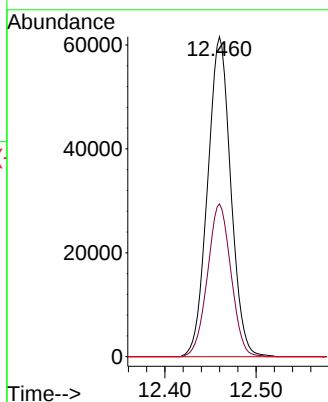
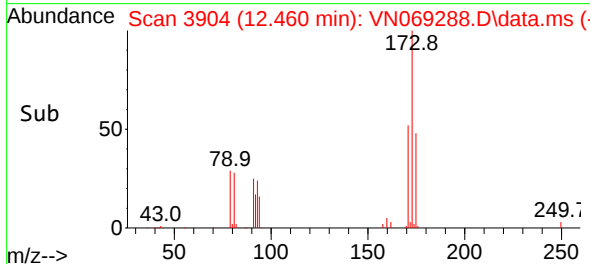
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



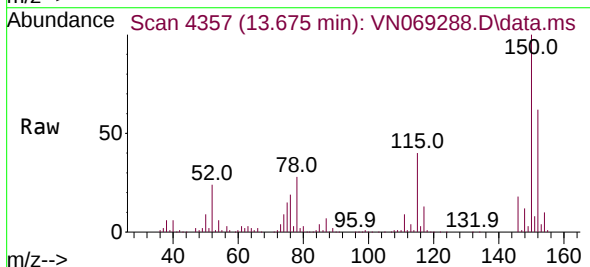
Tgt Ion:173 Resp: 108700
Ion Ratio Lower Upper
173 100
175 48.3 23.8 71.5
254 0.0 0.0 0.0

Manual Integrations
APPROVED

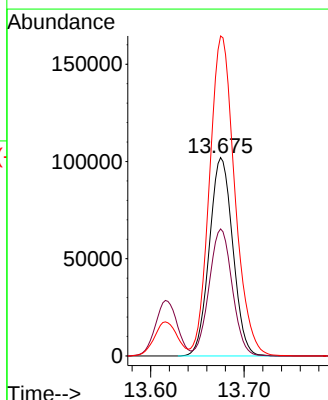
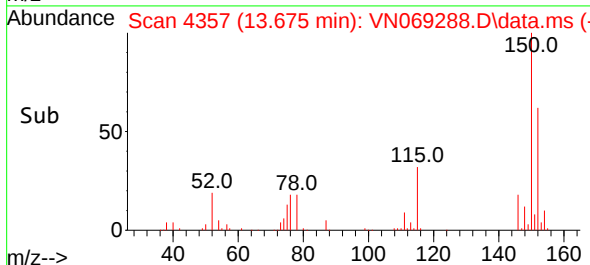
Reviewed By :John Carlone 11/01/2021
Supervised By :Mahesh Dadoda 11/01/2021

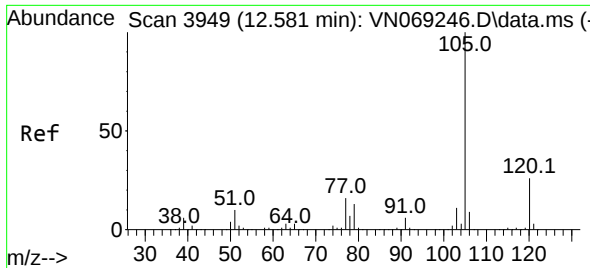


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 4357
Delta R.T. -0.000 min
Lab File: VN069288.D
Acq: 29 Oct 2021 8:34



Tgt Ion:152 Resp: 177949
Ion Ratio Lower Upper
152 100
115 63.2 31.4 94.3
150 173.8 0.0 351.0





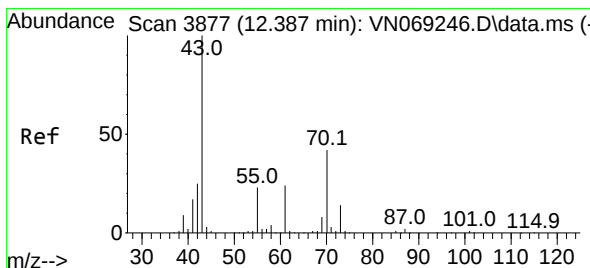
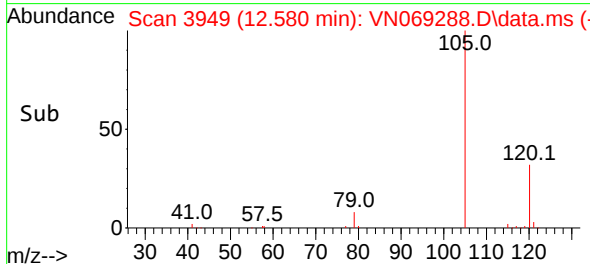
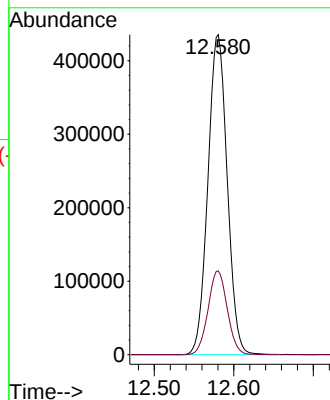
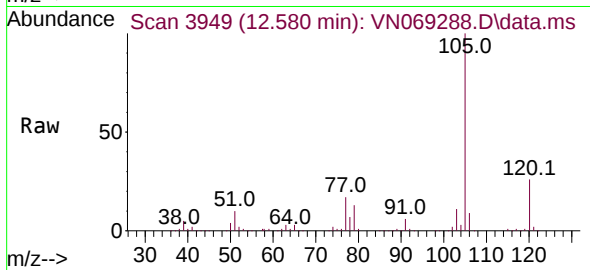
#73
Isopropylbenzene
Concen: 49.177 ug/l
RT: 12.580 min Scan# 3949
Delta R.T. -0.001 min
Lab File: VN069288.D
Acq: 29 Oct 2021 8:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:105 Resp: 735584
Ion Ratio Lower Upper
105 100
120 26.1 13.1 39.3

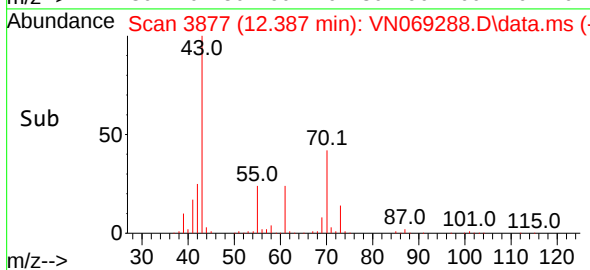
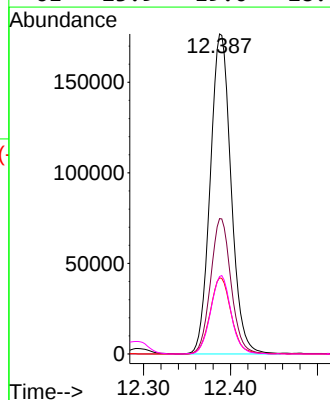
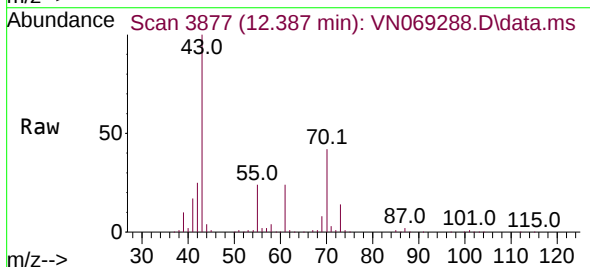
Manual Integrations
APPROVED

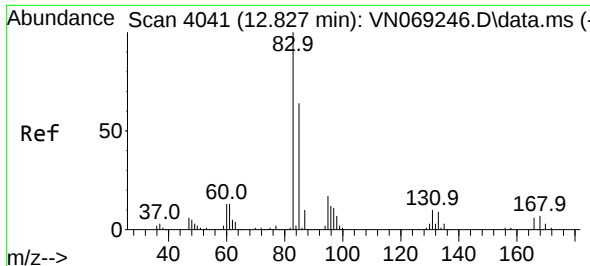
Reviewed By :John Carlone 11/01/2021
Supervised By :Mahesh Dadoda 11/01/2021



#74
N-ethyl acetate
Concen: 49.919 ug/l
RT: 12.387 min Scan# 3877
Delta R.T. 0.000 min
Lab File: VN069288.D
Acq: 29 Oct 2021 8:34

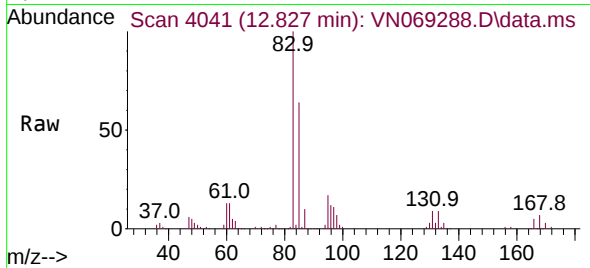
Tgt Ion: 43 Resp: 294149
Ion Ratio Lower Upper
43 100
70 41.5 32.2 48.2
55 24.1 18.0 27.0
61 23.9 19.0 28.4





#75
1,1,2,2-Tetrachloroethane
Concen: 50.069 ug/l
RT: 12.827 min Scan# 4041
Delta R.T. 0.000 min
Lab File: VN069288.D
Acq: 29 Oct 2021 8:34

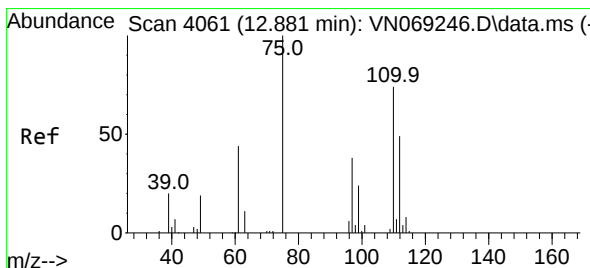
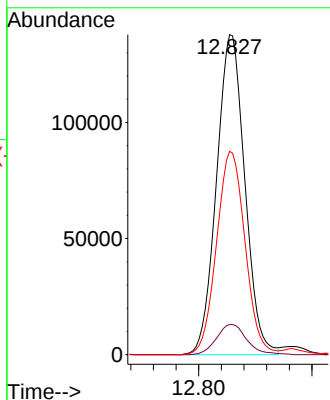
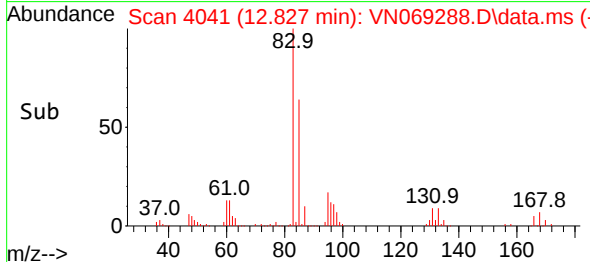
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 239075
Ion Ratio Lower Upper
83 100
131 10.1 5.1 15.2
85 64.0 32.3 96.8

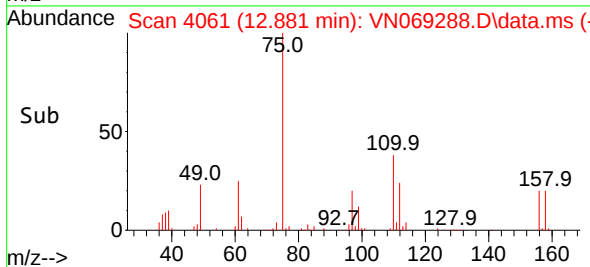
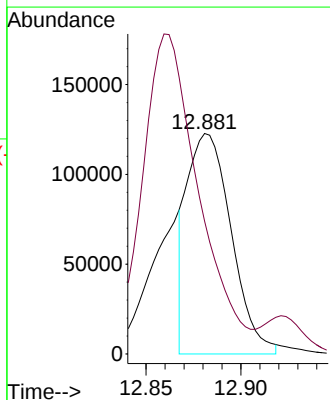
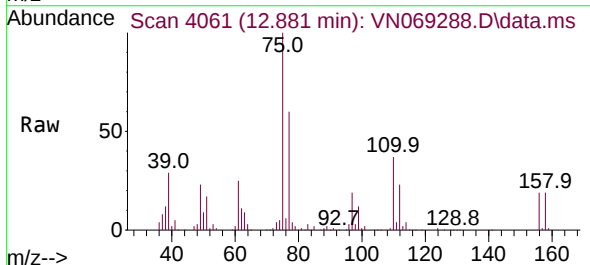
Manual Integrations
APPROVED

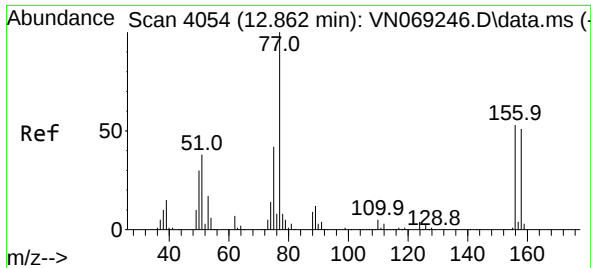
Reviewed By :John Carlone 11/01/2021
Supervised By :Mahesh Dadoda 11/01/2021



#76
1,2,3-Trichloropropane
Concen: 42.301 ug/l m
RT: 12.881 min Scan# 4061
Delta R.T. -0.000 min
Lab File: VN069288.D
Acq: 29 Oct 2021 8:34

Tgt Ion: 75 Resp: 197981
Ion Ratio Lower Upper
75 100
77 0.0 96.2 288.4#





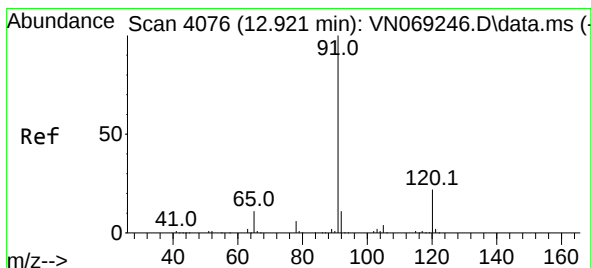
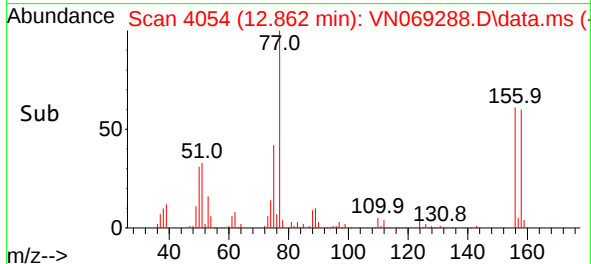
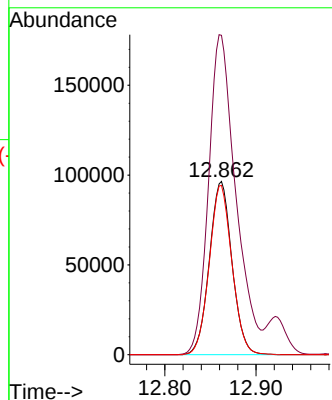
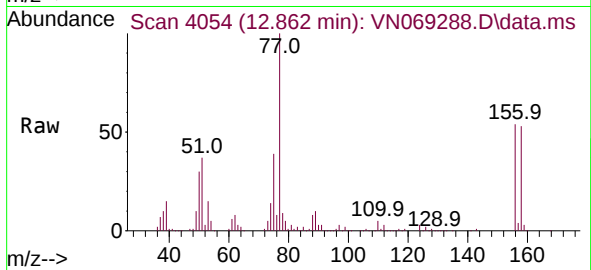
#77
Bromobenzene
Concen: 47.426 ug/l
RT: 12.862 min Scan# 4054
Delta R.T. 0.000 min
Lab File: VN069288.D
Acq: 29 Oct 2021 8:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:156 Resp: 16641
Ion Ratio Lower Upper
156 100
77 222.1 111.8 335.3
158 98.0 48.4 145.0

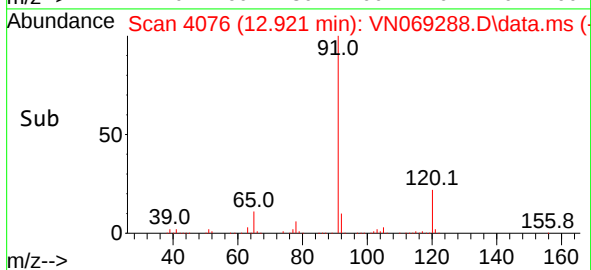
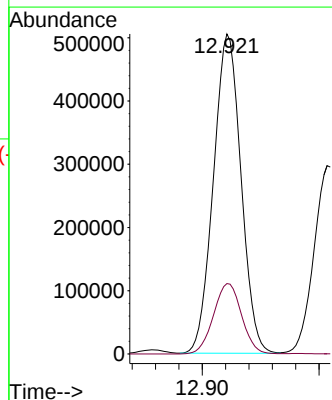
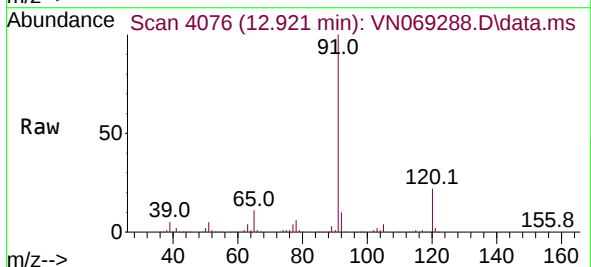
Manual Integrations
APPROVED

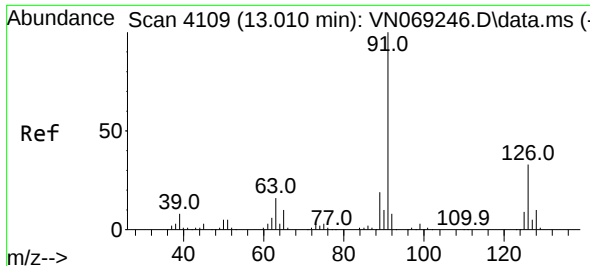
Reviewed By :John Carlone 11/01/2021
Supervised By :Mahesh Dadoda 11/01/2021



#78
n-propylbenzene
Concen: 48.894 ug/l
RT: 12.921 min Scan# 4076
Delta R.T. 0.000 min
Lab File: VN069288.D
Acq: 29 Oct 2021 8:34

Tgt Ion: 91 Resp: 827844
Ion Ratio Lower Upper
91 100
120 22.5 11.4 34.1





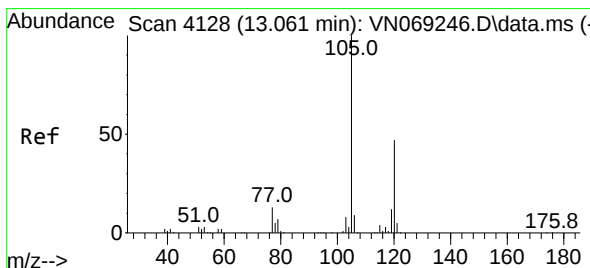
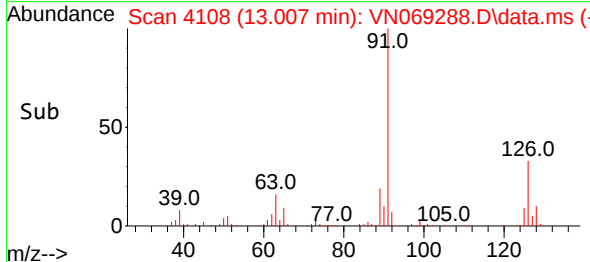
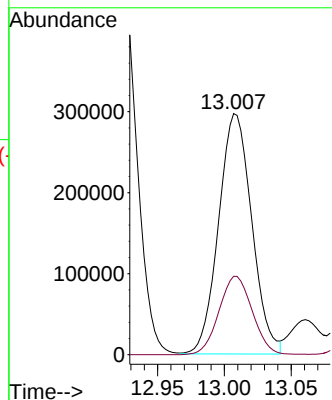
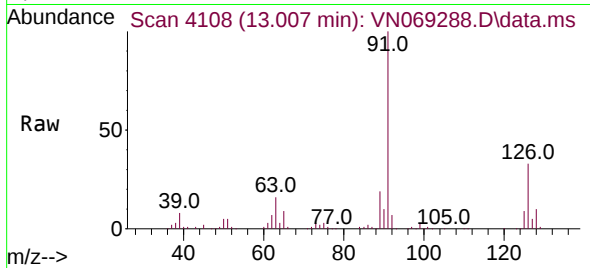
#79
2-Chlorotoluene
Concen: 48.184 ug/l
RT: 13.007 min Scan# 4108
Delta R.T. -0.003 min
Lab File: VN069288.D
Acq: 29 Oct 2021 8:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 51381
Ion Ratio Lower Upper
91 100
126 32.7 16.4 49.4

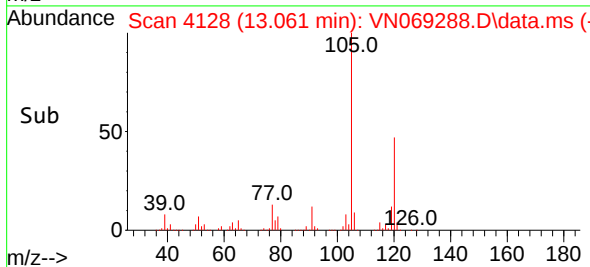
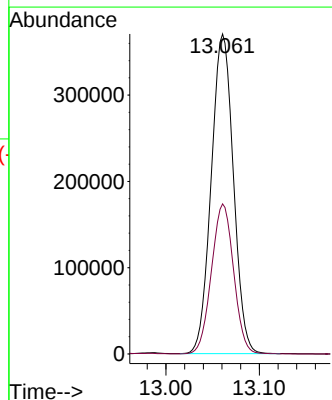
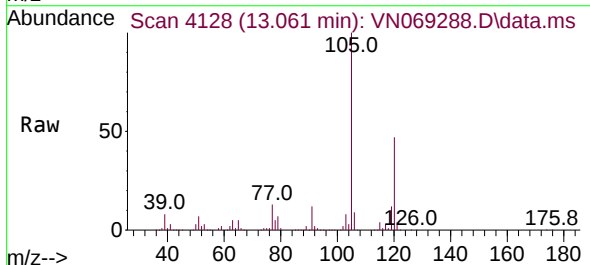
Manual Integrations
APPROVED

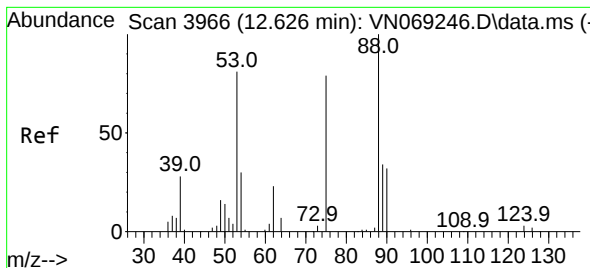
Reviewed By :John Carlone 11/01/2021
Supervised By :Mahesh Dadoda 11/01/2021



#80
1,3,5-Trimethylbenzene
Concen: 49.156 ug/l
RT: 13.061 min Scan# 4128
Delta R.T. -0.000 min
Lab File: VN069288.D
Acq: 29 Oct 2021 8:34

Tgt Ion:105 Resp: 610410
Ion Ratio Lower Upper
105 100
120 47.1 23.4 70.2





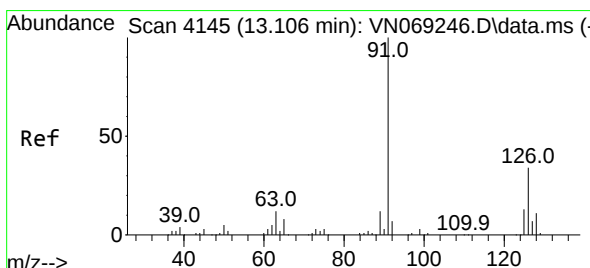
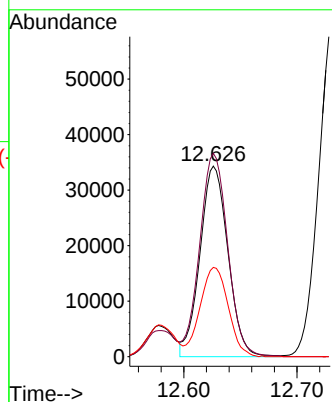
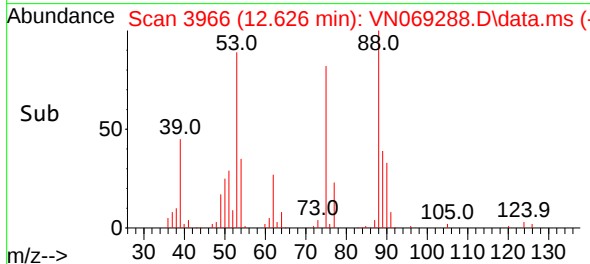
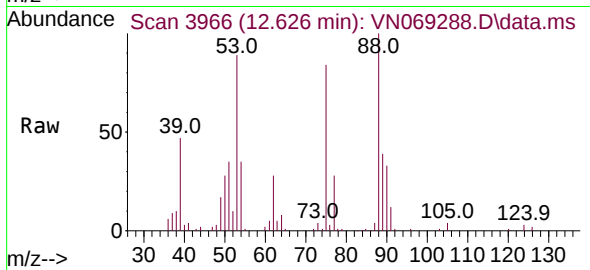
#81
trans-1,4-Dichloro-2-butene
Concen: 38.187 ug/l
RT: 12.626 min Scan# 3966
Delta R.T. 0.000 min
Lab File: VN069288.D
Acq: 29 Oct 2021 8:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 5897
Ion Ratio Lower Upper
75 100
53 107.0 75.4 113.2
89 47.2 36.9 55.3

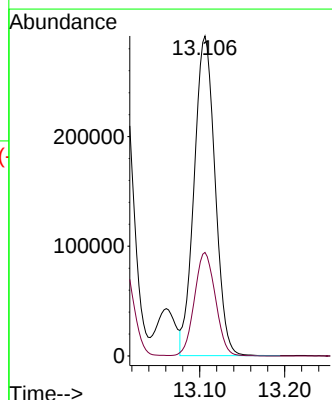
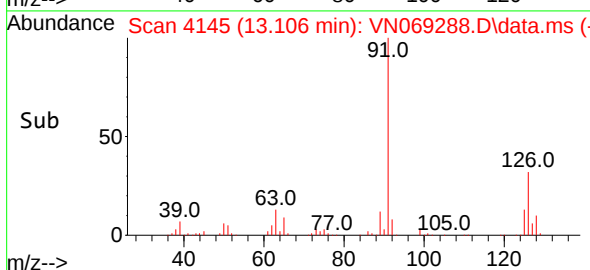
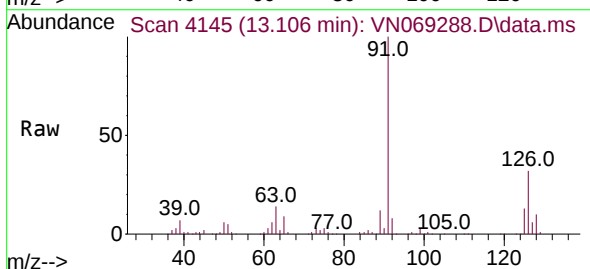
Manual Integrations
APPROVED

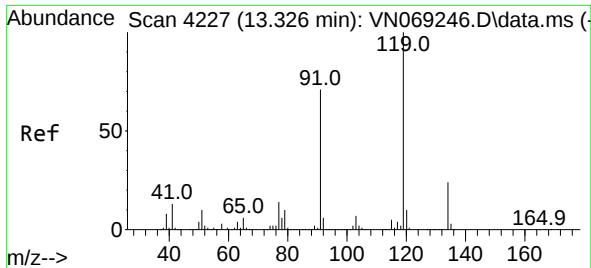
Reviewed By :John Carlone 11/01/2021
Supervised By :Mahesh Dadoda 11/01/2021



#82
4-Chlorotoluene
Concen: 47.270 ug/l
RT: 13.106 min Scan# 4145
Delta R.T. 0.000 min
Lab File: VN069288.D
Acq: 29 Oct 2021 8:34

Tgt Ion: 91 Resp: 497154
Ion Ratio Lower Upper
91 100
126 32.7 16.3 48.8





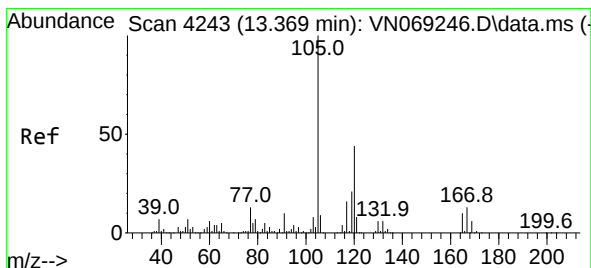
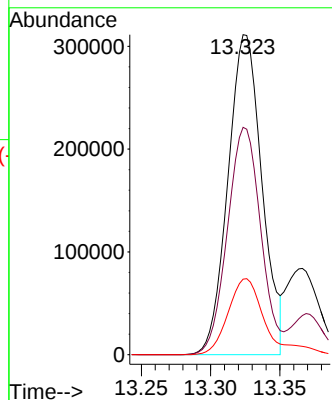
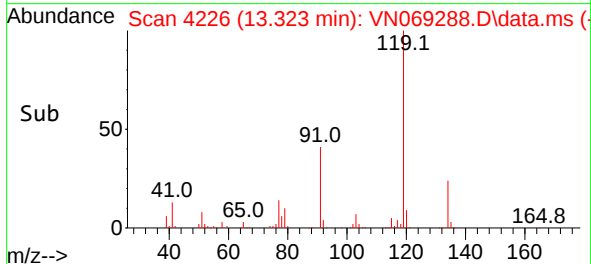
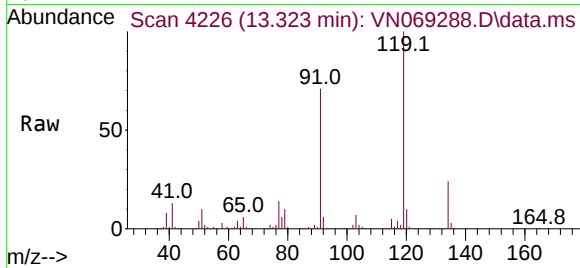
#83
tert-Butylbenzene
Concen: 49.073 ug/l
RT: 13.323 min Scan# 4226
Delta R.T. -0.003 min
Lab File: VN069288.D
Acq: 29 Oct 2021 8:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:119 Resp: 531670
Ion Ratio Lower Upper
119 100
91 70.1 34.6 103.9
134 26.0 12.6 37.6

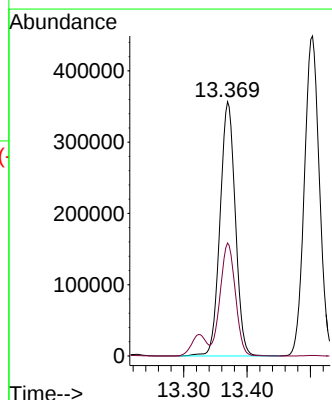
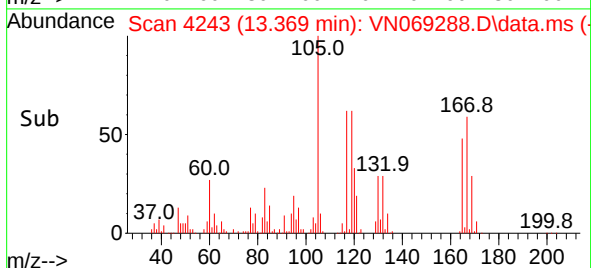
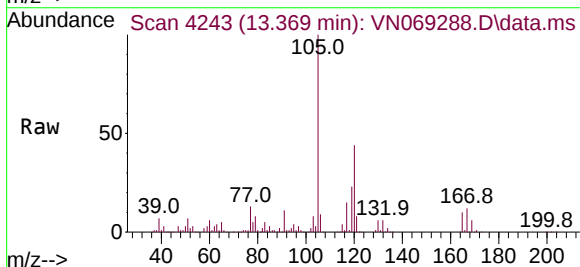
Manual Integrations
APPROVED

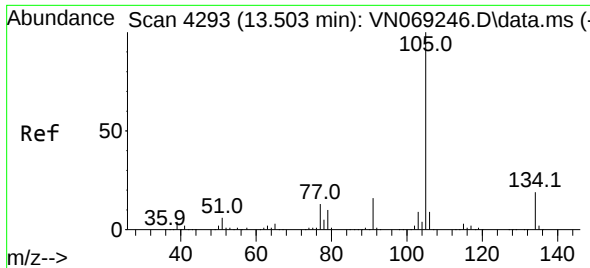
Reviewed By :John Carlone 11/01/2021
Supervised By :Mahesh Dadoda 11/01/2021



#84
1,2,4-Trimethylbenzene
Concen: 49.243 ug/l
RT: 13.369 min Scan# 4243
Delta R.T. -0.000 min
Lab File: VN069288.D
Acq: 29 Oct 2021 8:34

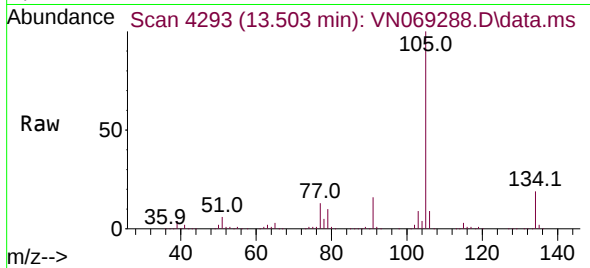
Tgt Ion:105 Resp: 598070
Ion Ratio Lower Upper
105 100
120 44.1 21.9 65.5





#85
 sec-Butylbenzene
 Concen: 49.114 ug/l
 RT: 13.503 min Scan# 4293
 Delta R.T. 0.000 min
 Lab File: VN069288.D
 Acq: 29 Oct 2021 8:34

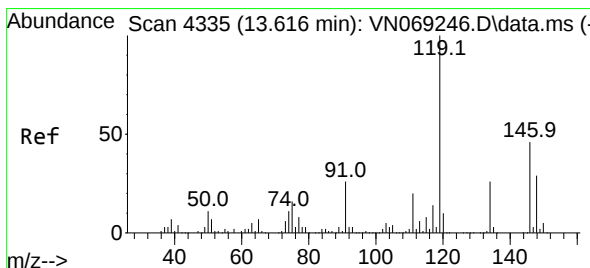
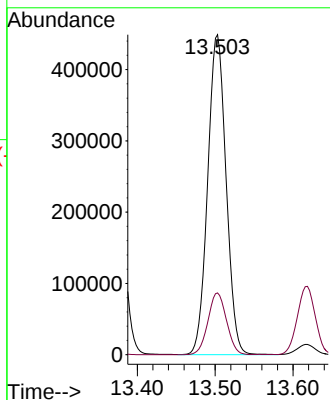
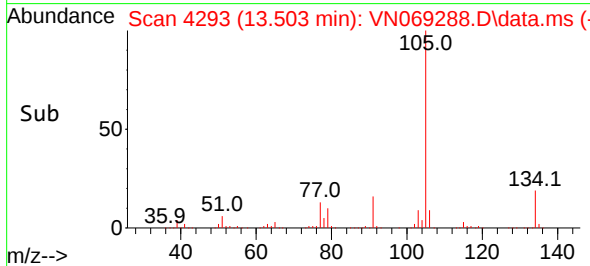
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



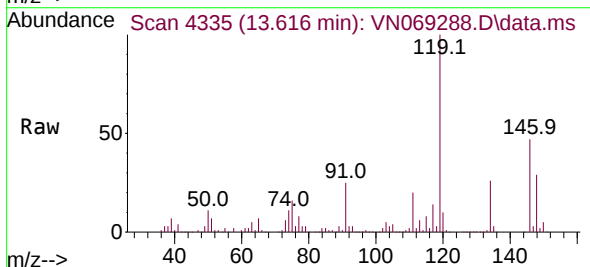
Tgt Ion:105 Resp: 737238
 Ion Ratio Lower Upper
 105 100
 134 19.5 9.8 29.4

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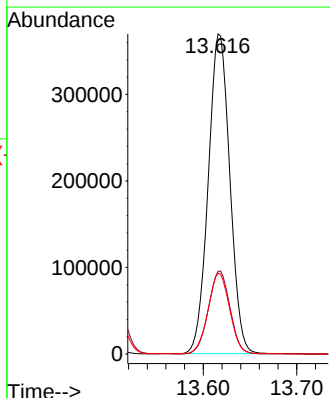
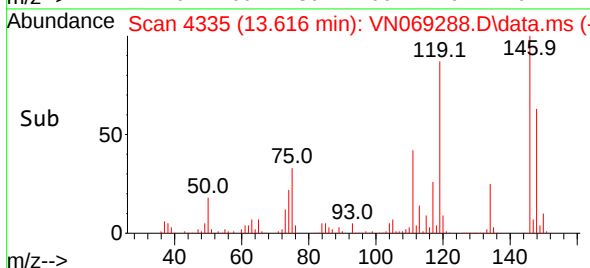
Reviewed By :John Carlone 11/01/2021
 Supervised By :Mahesh Dadoda 11/01/2021

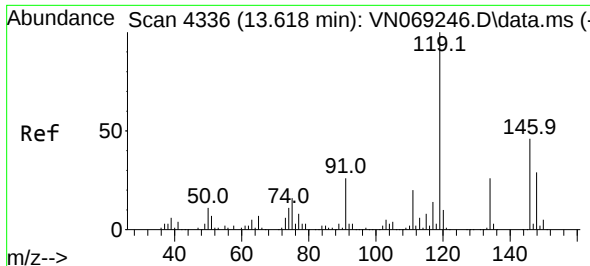


#86
 p-Isopropyltoluene
 Concen: 49.576 ug/l
 RT: 13.616 min Scan# 4335
 Delta R.T. -0.000 min
 Lab File: VN069288.D
 Acq: 29 Oct 2021 8:34



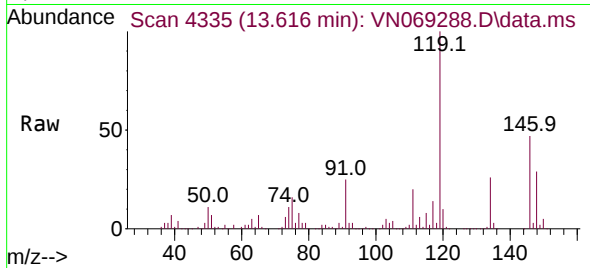
Tgt Ion:119 Resp: 593492
 Ion Ratio Lower Upper
 119 100
 134 25.8 12.9 38.6
 91 25.1 12.8 38.4





#87
 1,3-Dichlorobenzene
 Concen: 48.156 ug/l
 RT: 13.616 min Scan# 4335
 Delta R.T. -0.002 min
 Lab File: VN069288.D
 Acq: 29 Oct 2021 8:34

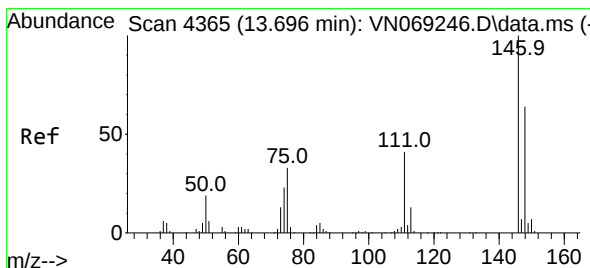
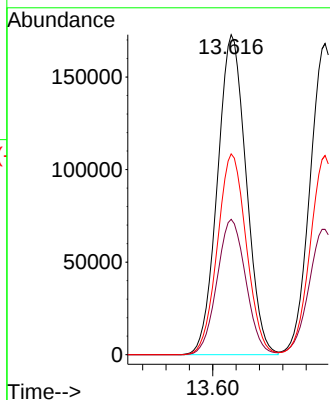
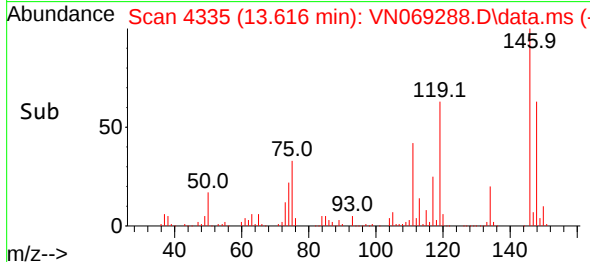
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



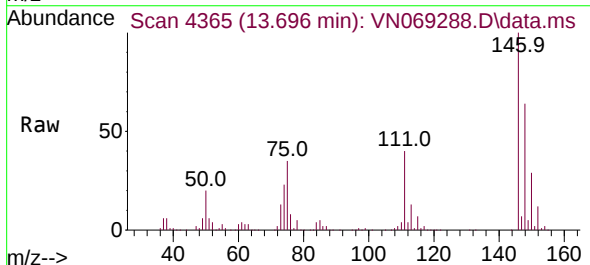
Tgt Ion:146 Resp: 295638
 Ion Ratio Lower Upper
 146 100
 111 42.4 21.4 64.2
 148 63.2 32.0 96.2

Manual Integrations
 APPROVED

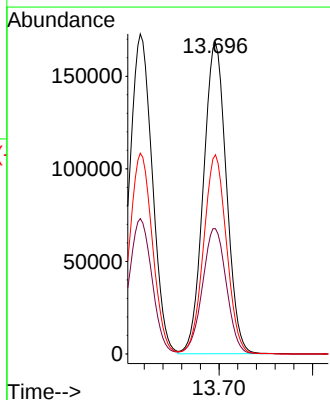
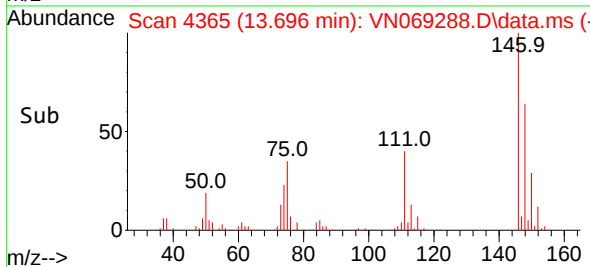
Reviewed By :John Carlone 11/01/2021
 Supervised By :Mahesh Dadoda 11/01/2021

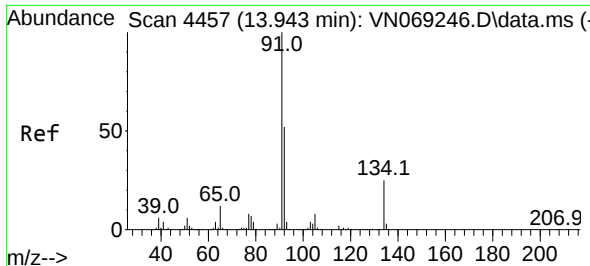


#88
 1,4-Dichlorobenzene
 Concen: 48.217 ug/l
 RT: 13.696 min Scan# 4365
 Delta R.T. 0.000 min
 Lab File: VN069288.D
 Acq: 29 Oct 2021 8:34



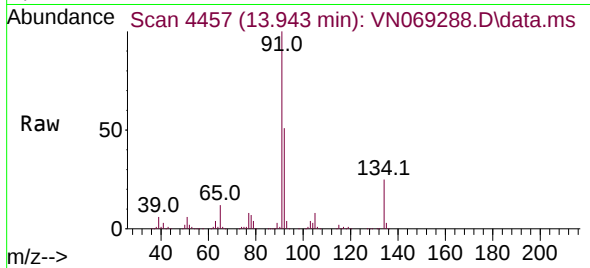
Tgt Ion:146 Resp: 287413
 Ion Ratio Lower Upper
 146 100
 111 41.7 20.6 61.8
 148 64.0 32.1 96.5





#89
n-Butylbenzene
Concen: 46.742 ug/l
RT: 13.943 min Scan# 4457
Delta R.T. -0.000 min
Lab File: VN069288.D
Acq: 29 Oct 2021 8:34

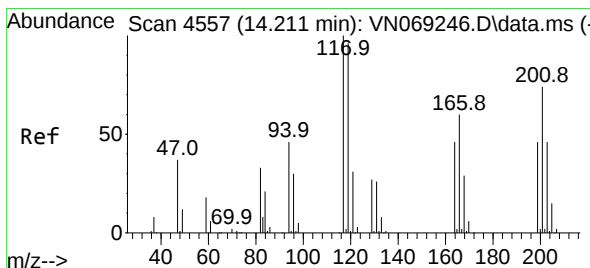
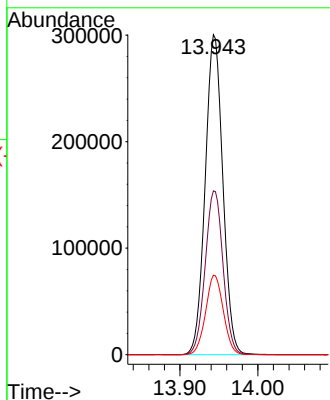
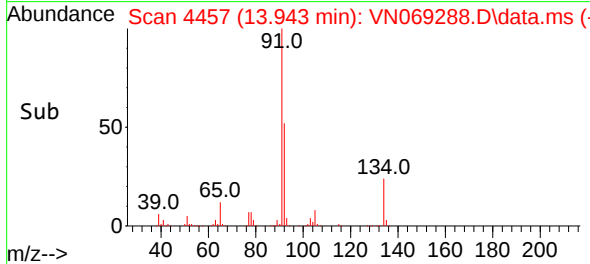
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 473869
Ion Ratio Lower Upper
91 100
92 51.9 26.0 78.0
134 25.0 12.5 37.5

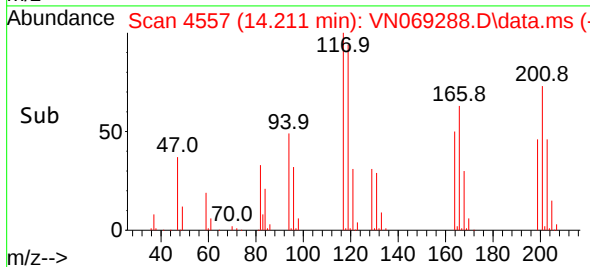
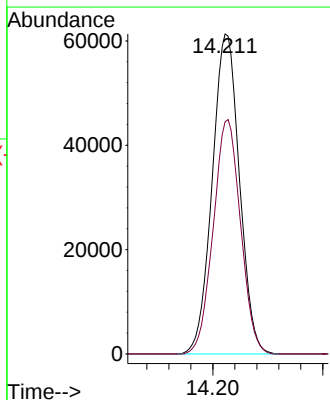
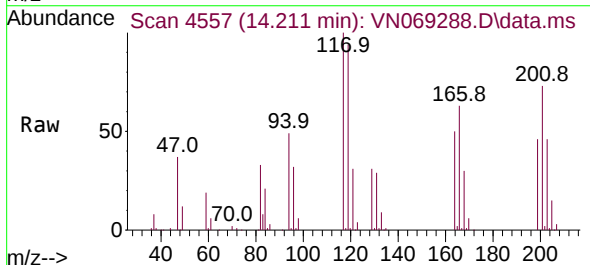
Manual Integrations
APPROVED

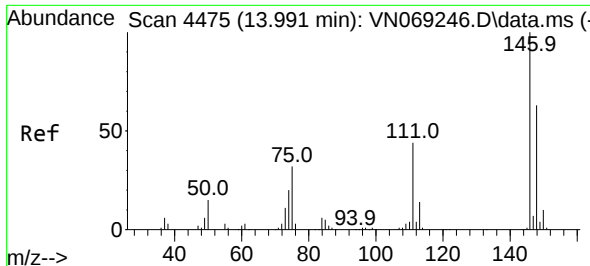
Reviewed By :John Carlone 11/01/2021
Supervised By :Mahesh Dadoda 11/01/2021



#90
Hexachloroethane
Concen: 44.705 ug/l
RT: 14.211 min Scan# 4557
Delta R.T. 0.000 min
Lab File: VN069288.D
Acq: 29 Oct 2021 8:34

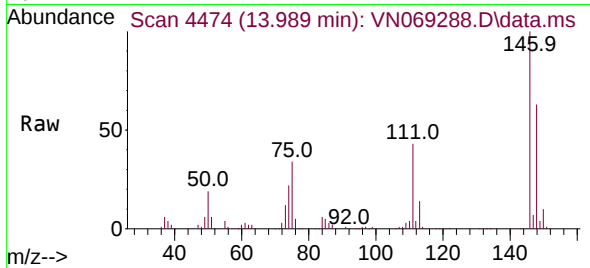
Tgt Ion:117 Resp: 105461
Ion Ratio Lower Upper
117 100
201 73.3 37.1 111.5





#91
1,2-Dichlorobenzene
Concen: 48.761 ug/l
RT: 13.989 min Scan# 4474
Delta R.T. -0.002 min
Lab File: VN069288.D
Acq: 29 Oct 2021 8:34

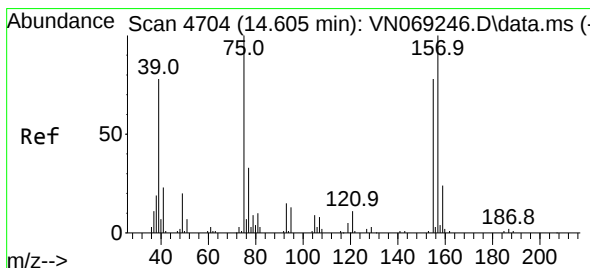
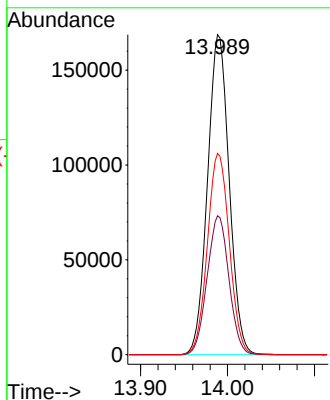
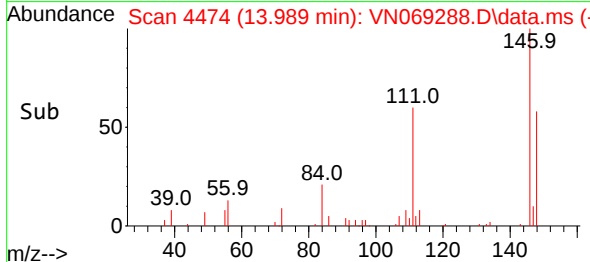
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:146 Resp: 29164
Ion Ratio Lower Upper
146 100
111 43.8 22.0 66.0
148 63.8 32.1 96.5

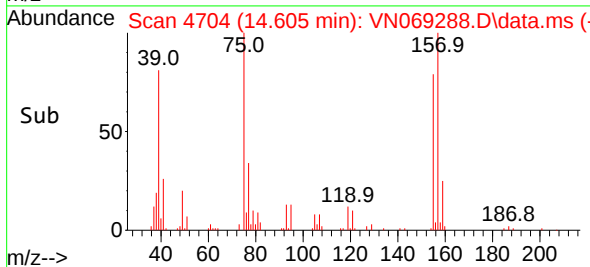
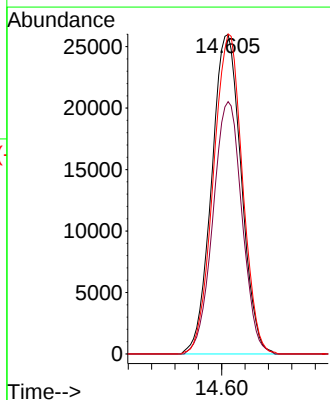
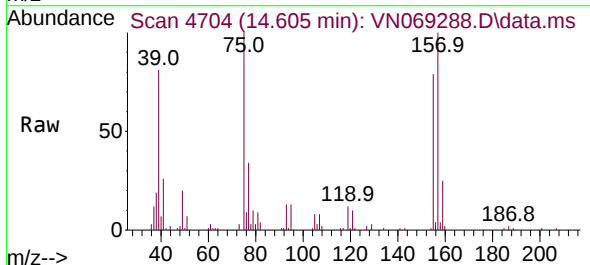
Manual Integrations
APPROVED

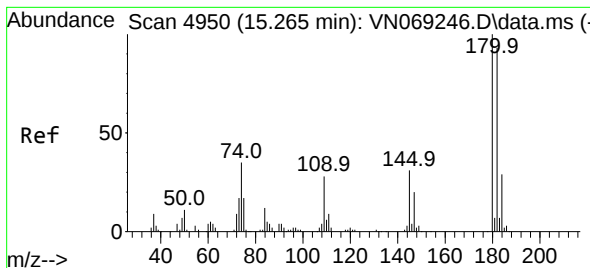
Reviewed By :John Carlone 11/01/2021
Supervised By :Mahesh Dadoda 11/01/2021



#92
1,2-Dibromo-3-Chloropropane
Concen: 46.298 ug/l
RT: 14.605 min Scan# 4704
Delta R.T. 0.000 min
Lab File: VN069288.D
Acq: 29 Oct 2021 8:34

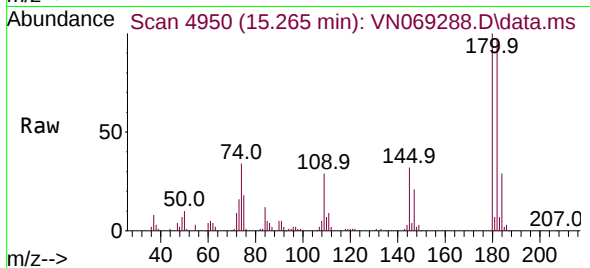
Tgt Ion: 75 Resp: 45711
Ion Ratio Lower Upper
75 100
155 77.4 38.8 116.4
157 98.4 50.2 150.6





#93
1,2,4-Trichlorobenzene
Concen: 47.080 ug/l
RT: 15.265 min Scan# 4950
Delta R.T. 0.000 min
Lab File: VN069288.D
Acq: 29 Oct 2021 8:34

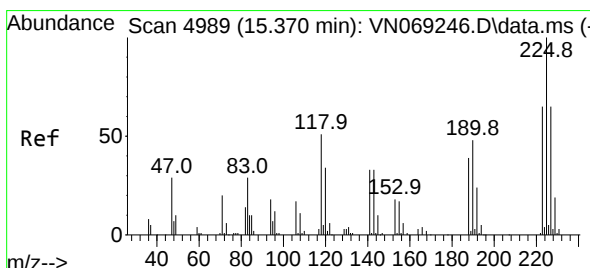
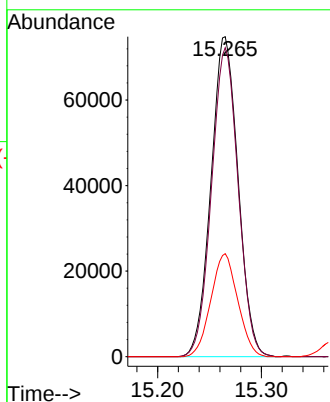
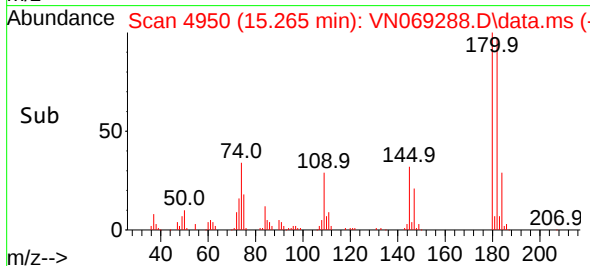
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



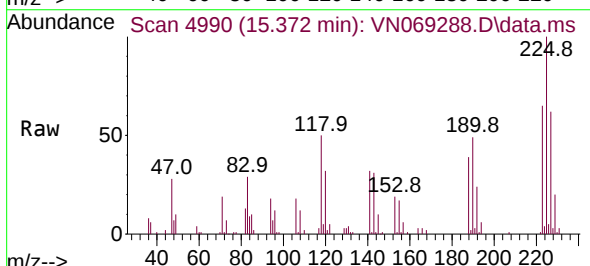
Tgt Ion:180 Resp: 13562
Ion Ratio Lower Upper
180 100
182 94.7 47.9 143.7
145 31.9 16.4 49.2

Manual Integrations
APPROVED

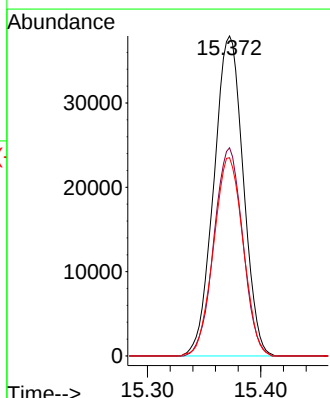
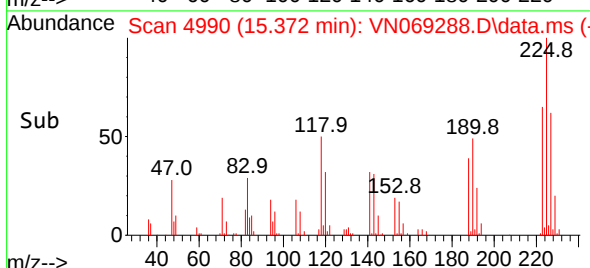
Reviewed By :John Carlone 11/01/2021
Supervised By :Mahesh Dadoda 11/01/2021

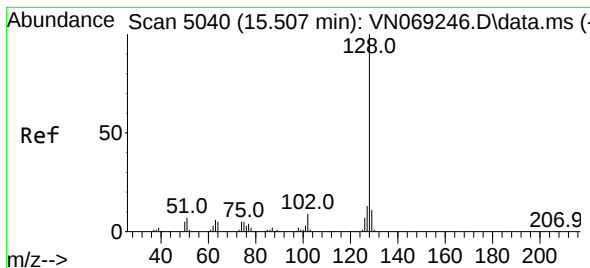


#94
Hexachlorobutadiene
Concen: 46.469 ug/l
RT: 15.372 min Scan# 4990
Delta R.T. 0.002 min
Lab File: VN069288.D
Acq: 29 Oct 2021 8:34



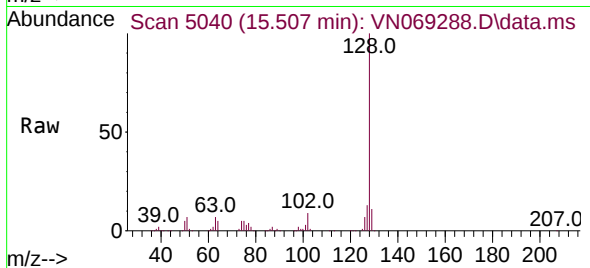
Tgt Ion:225 Resp: 68394
Ion Ratio Lower Upper
225 100
223 63.6 31.5 94.5
227 62.2 31.6 94.7





#95
Naphthalene
Concen: 49.972 ug/l
RT: 15.507 min Scan# 5040
Delta R.T. -0.000 min
Lab File: VN069288.D
Acq: 29 Oct 2021 8:34

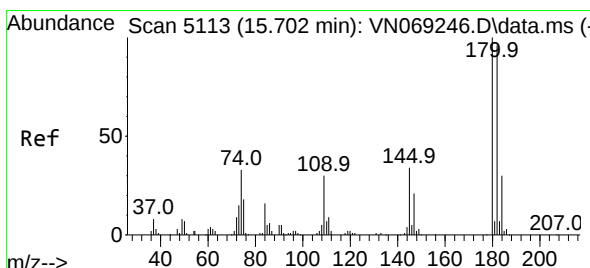
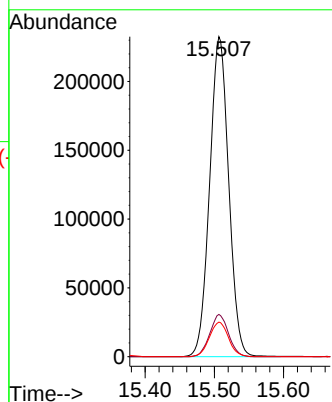
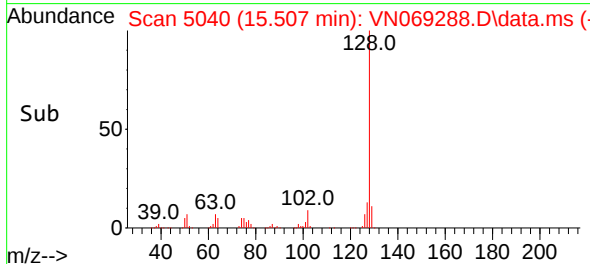
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:128 Resp: 444368
Ion Ratio Lower Upper
128 100
127 13.0 10.5 15.7
129 10.8 8.9 13.3

Manual Integrations
APPROVED

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



#96
1,2,3-Trichlorobenzene
Concen: 48.420 ug/l
RT: 15.702 min Scan# 5113
Delta R.T. 0.000 min
Lab File: VN069288.D
Acq: 29 Oct 2021 8:34

Tgt Ion:180 Resp: 136475
Ion Ratio Lower Upper
180 100
182 96.7 48.1 144.3
145 34.2 17.4 52.2

