

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120421\
 Data File : VN069758.D
 Acq On : 4 Dec 2021 11:35
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

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

Quant Time: Dec 04 16:10:05 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 03 08:46:47 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.083	168	1125196	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.965	114	1817085	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1715631	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.672	152	767687	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	777386	44.747	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	89.500%		
35) Dibromofluoromethane	8.021	113	534442	46.956	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	93.920%		
50) Toluene-d8	10.440	98	2127951	46.562	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	93.120%		
62) 4-Bromofluorobenzene	12.731	95	804442	48.587	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	97.180%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.073	85	760398	57.941	ug/l	100
3) Chloromethane	2.303	50	805280	48.978	ug/l	98
4) Vinyl Chloride	2.448	62	799344	52.874	ug/l	98
5) Bromomethane	2.840	94	414050	50.412	ug/l	100
6) Chloroethane	3.014	64	476954	51.484	ug/l	96
7) Trichlorofluoromethane	3.373	101	1078588	54.360	ug/l	99
8) Diethyl Ether	3.821	74	414919	54.295	ug/l	83
9) 1,1,2-Trichlorotrifluo...	4.205	101	637426	57.310	ug/l	96
10) Methyl Iodide	4.417	142	629700	41.442	ug/l	97
11) Tert butyl alcohol	5.377	59	714295	217.512	ug/l	100
12) 1,1-Dichloroethene	4.178	96	582136	54.314	ug/l	85
13) Acrolein	4.039	56	736932	263.514	ug/l	98
14) Allyl chloride	4.838	41	1324287	54.833	ug/l	94
15) Acrylonitrile	5.551	53	2106117	238.006	ug/l	99
16) Acetone	4.283	43	2866563	274.295	ug/l	97
17) Carbon Disulfide	4.527	76	1599095	57.750	ug/l	99
18) Methyl Acetate	4.851	43	1471445	46.646	ug/l	92
19) Methyl tert-butyl Ether	5.613	73	2241443	53.785	ug/l	96
20) Methylene Chloride	5.093	84	700683	50.434	ug/l #	83
21) trans-1,2-Dichloroethene	5.594	96	628014	53.947	ug/l	86
22) Diisopropyl ether	6.495	45	2614184	55.379	ug/l	95
23) Vinyl Acetate	6.431	43	10771478	280.475	ug/l	95
24) 1,1-Dichloroethane	6.385	63	1338132	54.723	ug/l	98
25) 2-Butanone	7.332	43	3485348	245.457	ug/l	91
26) 2,2-Dichloropropane	7.324	77	1099075	57.808	ug/l	96
27) cis-1,2-Dichloroethene	7.324	96	754236	53.625	ug/l	84
28) Bromochloromethane	7.657	49	645924	50.797	ug/l #	78
29) Tetrahydrofuran	7.683	42	2037293	236.284	ug/l	88
30) Chloroform	7.817	83	1326195	53.701	ug/l	99
31) Cyclohexane	8.094	56	1303376	53.909	ug/l	88
32) 1,1,1-Trichloroethane	8.013	97	1165900	55.424	ug/l	96
36) 1,1-Dichloropropene	8.220	75	1003733	58.026	ug/l	96
37) Ethyl Acetate	7.412	43	1234392	47.945	ug/l	96
38) Carbon Tetrachloride	8.206	117	980096	57.779	ug/l	99
39) Methylcyclohexane	9.459	83	1252432	60.870	ug/l	90
40) Benzene	8.458	78	2948249	55.760	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.635	41	614438	50.839	ug/l	91
42) 1,2-Dichloroethane	8.528	62	1174581	55.031	ug/l	96
43) Isopropyl Acetate	8.560	43	2036476	53.451	ug/l #	93
44) Trichloroethene	9.215	130	721660	57.185	ug/l	91
45) 1,2-Dichloropropane	9.488	63	794638	55.966	ug/l	99
46) Dibromomethane	9.577	93	513634	55.159	ug/l	93
47) Bromodichloromethane	9.759	83	1026250	58.208	ug/l	99
48) Methyl methacrylate	9.558	41	1021329	57.441	ug/l #	81
49) 1,4-Dioxane	9.566	88	297567	932.715	ug/l #	82
51) 4-Methyl-2-Pentanone	10.330	43	6393376	258.669	ug/l	95
52) Toluene	10.505	92	1832964	56.783	ug/l	99
53) t-1,3-Dichloropropene	10.717	75	1140500	53.565	ug/l	99
54) cis-1,3-Dichloropropene	10.188	75	1223995	54.792	ug/l #	88
55) 1,1,2-Trichloroethane	10.896	97	719045	55.208	ug/l	97
56) Ethyl methacrylate	10.760	69	1233748	50.194	ug/l #	86
57) 1,3-Dichloropropane	11.044	76	1270546	55.402	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.041	63	1547001	234.351	ug/l	91
59) 2-Hexanone	11.084	43	4926490	263.488	ug/l	93
60) Dibromochloromethane	11.237	129	734615	52.516	ug/l	100
61) 1,2-Dibromoethane	11.344	107	743392	55.106	ug/l	99
64) Tetrachloroethene	10.977	164	648086	55.710	ug/l	95
65) Chlorobenzene	11.768	112	1948053	55.970	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.840	131	701124	57.233	ug/l	99
67) Ethyl Benzene	11.843	91	3680752	58.219	ug/l	96
68) m/p-Xylenes	11.953	106	2725413	118.394	ug/l	92
69) o-Xylene	12.280	106	1351703	58.295	ug/l	92
70) Styrene	12.294	104	2221957	60.432	ug/l	96
71) Bromoform	12.457	173	535253	51.026	ug/l #	99
73) Isopropylbenzene	12.578	105	3610508	52.860	ug/l	98
74) N-amyl acetate	12.387	43	1590190	52.645	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.825	83	1118037	47.336	ug/l	99
76) 1,2,3-Trichloropropane	12.878	75	1015775m	46.139	ug/l	
77) Bromobenzene	12.860	156	816611	50.900	ug/l	79
78) n-propylbenzene	12.919	91	4207383	55.356	ug/l	96
79) 2-Chlorotoluene	13.007	91	2538355	52.854	ug/l	93
80) 1,3,5-Trimethylbenzene	13.058	105	2986350	54.321	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.624	75	324771	48.421	ug/l	96
82) 4-Chlorotoluene	13.104	91	2480016	54.910	ug/l	93
83) tert-Butylbenzene	13.324	119	2565390	52.700	ug/l	92
84) 1,2,4-Trimethylbenzene	13.366	105	2911316	55.606	ug/l	98
85) sec-Butylbenzene	13.501	105	3675059	55.658	ug/l	98
86) p-Isopropyltoluene	13.616	119	3002232	58.169	ug/l	96
87) 1,3-Dichlorobenzene	13.613	146	1459357	55.370	ug/l	97
88) 1,4-Dichlorobenzene	13.694	146	1411815	54.507	ug/l	98
89) n-Butylbenzene	13.943	91	2538471	60.631	ug/l	98
90) Hexachloroethane	14.209	117	489973	54.072	ug/l	87
91) 1,2-Dichlorobenzene	13.989	146	1375352	53.556	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.603	75	207995	48.734	ug/l	78
93) 1,2,4-Trichlorobenzene	15.263	180	667693	52.838	ug/l	99
94) Hexachlorobutadiene	15.370	225	370880	54.494	ug/l	100
95) Naphthalene	15.507	128	1782581	47.712	ug/l	100
96) 1,2,3-Trichlorobenzene	15.700	180	645023	52.423	ug/l	98

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ClientSampleId :
VSTDCCC050

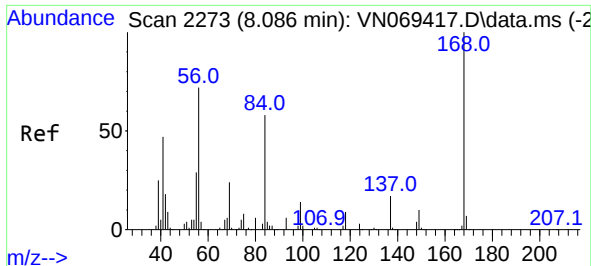
Manual Integrations
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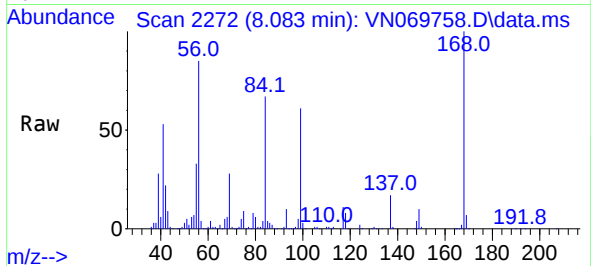
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.083 min Scan# 21
Delta R.T. -0.003 min
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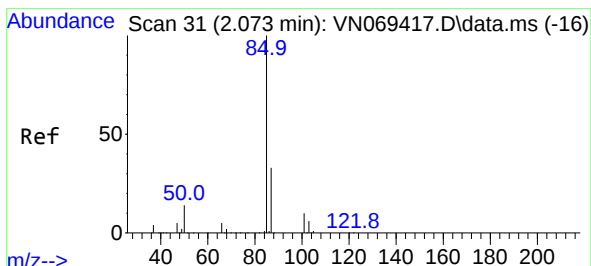
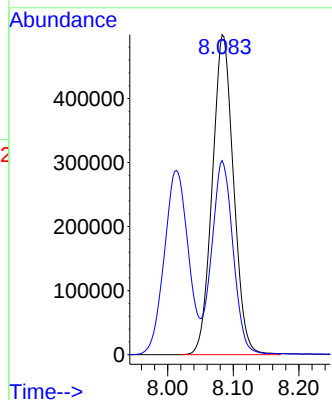
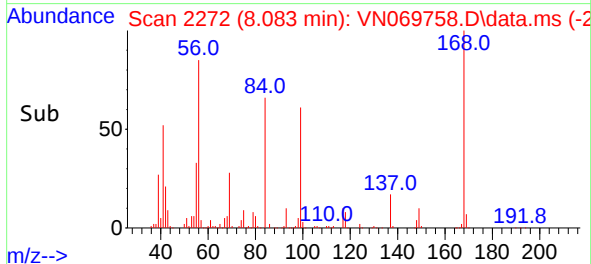
Instrument :
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VSTDCCC050



Tgt Ion:168 Resp: 1125190
Ion Ratio Lower Upper
168 100
99 60.3 41.3 61.9

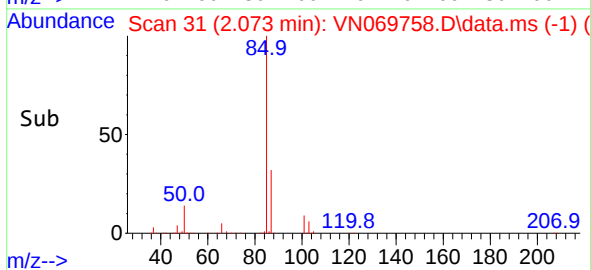
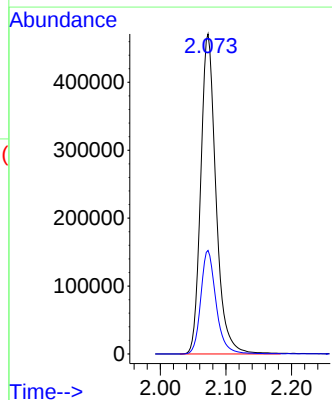
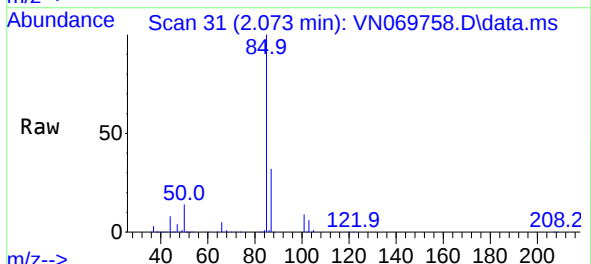
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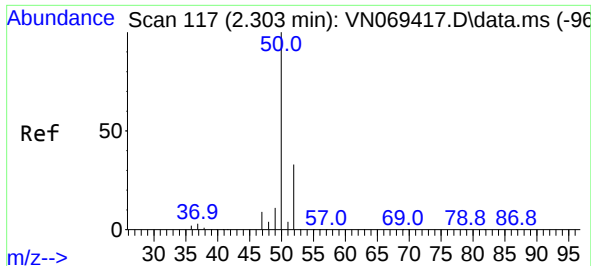
Reviewed By :John Carlone 12/06/2021
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#2
Dichlorodifluoromethane
Concen: 57.941 ug/l
RT: 2.073 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN069758.D
Acq: 4 Dec 2021 11:35

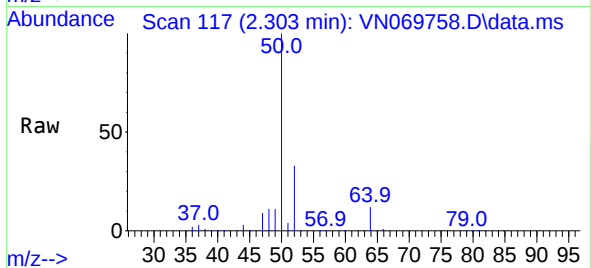
Tgt Ion: 85 Resp: 760398
Ion Ratio Lower Upper
85 100
87 32.3 16.3 48.9





#3
Chloromethane
Concen: 48.978 ug/l
RT: 2.303 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN069758.D
Acq: 4 Dec 2021 11:35

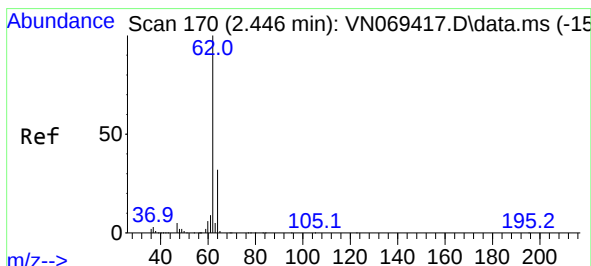
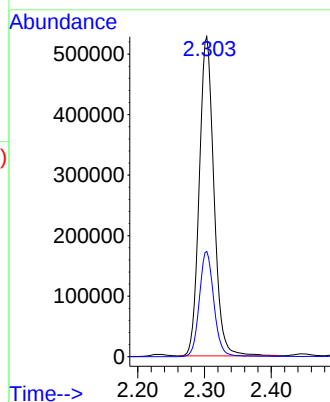
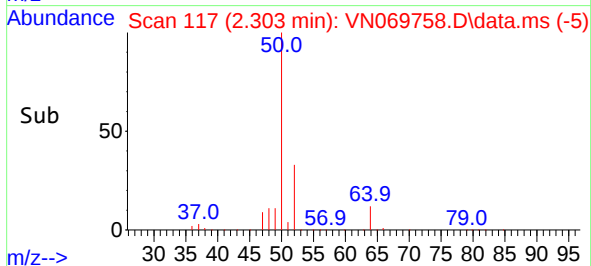
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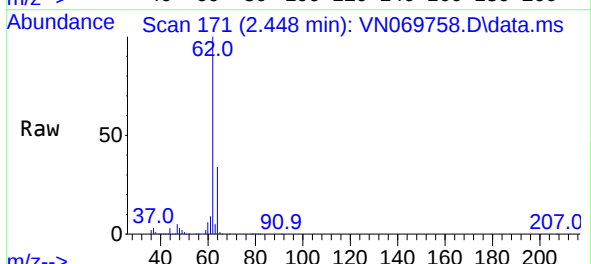
Tgt Ion: 50 Resp: 805280
Ion Ratio Lower Upper
50 100
52 32.9 25.4 38.0

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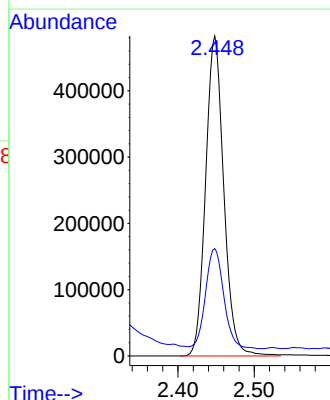
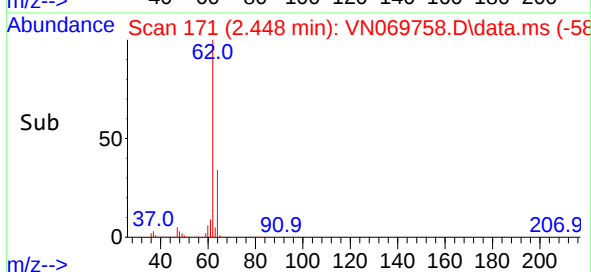
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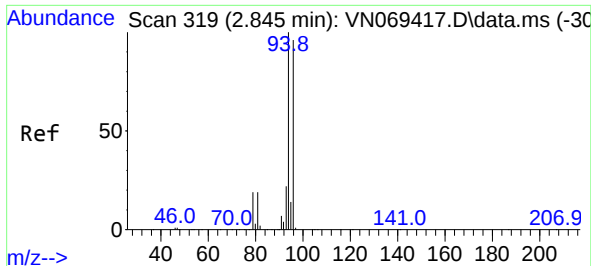


#4
Vinyl Chloride
Concen: 52.874 ug/l
RT: 2.448 min Scan# 171
Delta R.T. 0.003 min
Lab File: VN069758.D
Acq: 4 Dec 2021 11:35



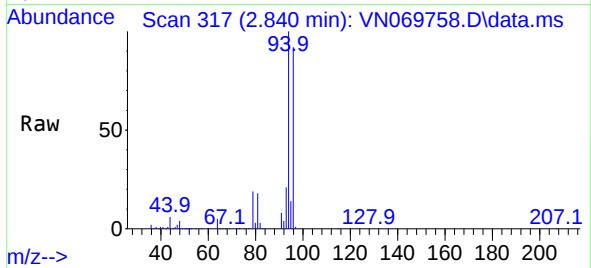
Tgt Ion: 62 Resp: 799344
Ion Ratio Lower Upper
62 100
64 31.2 25.8 38.6





#5
Bromomethane
Concen: 50.412 ug/l
RT: 2.840 min Scan# 319
Delta R.T. 0.003 min
Lab File: VN069758.D
Acq: 4 Dec 2021 11:35

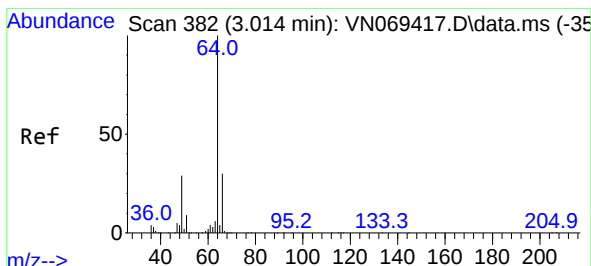
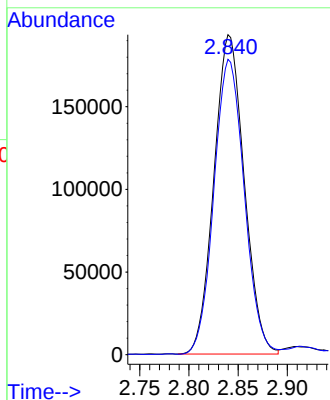
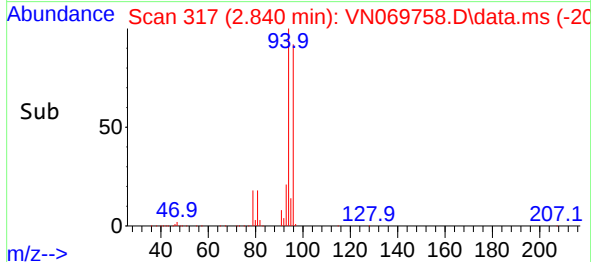
Instrument :
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Tgt Ion: 94 Resp: 414050
Ion Ratio Lower Upper
94 100
96 92.3 73.8 110.8

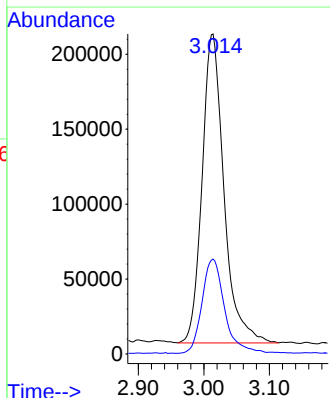
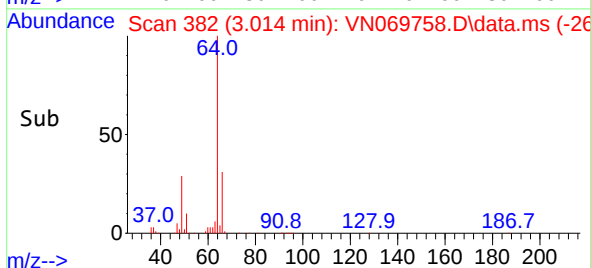
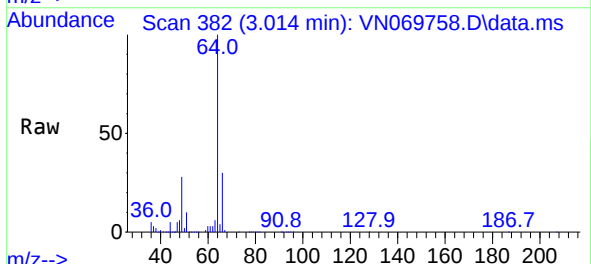
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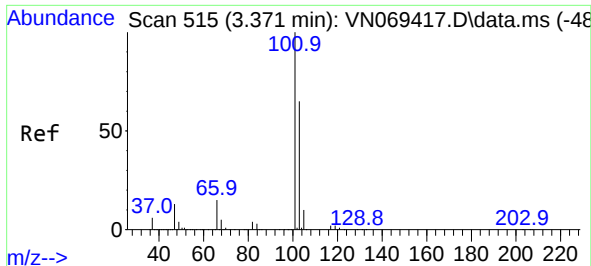
Reviewed By :John Carlone 12/06/2021
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#6
Chloroethane
Concen: 51.484 ug/l
RT: 3.014 min Scan# 382
Delta R.T. 0.005 min
Lab File: VN069758.D
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Tgt Ion: 64 Resp: 476954
Ion Ratio Lower Upper
64 100
66 30.5 26.3 39.5





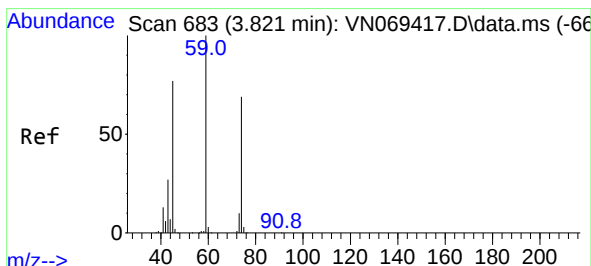
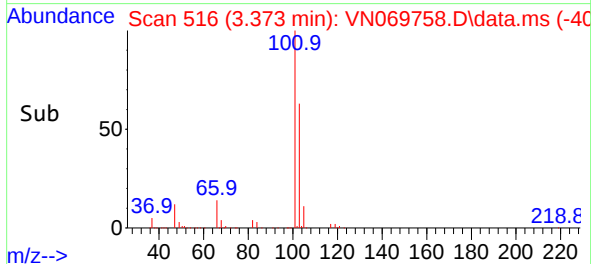
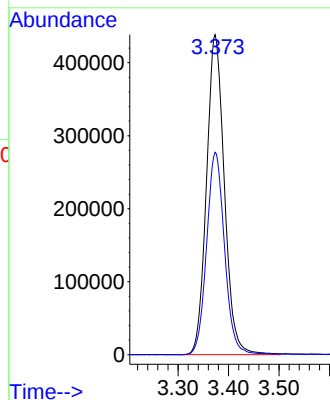
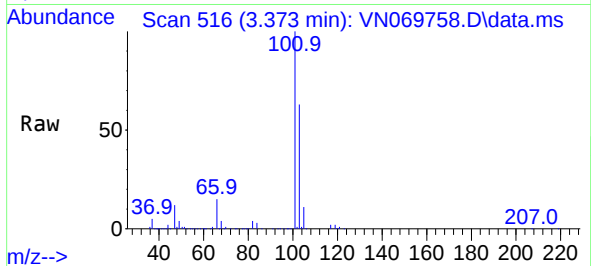
#7
Trichlorofluoromethane
Concen: 54.360 ug/l
RT: 3.373 min Scan# 515
Delta R.T. 0.005 min
Lab File: VN069758.D
Acq: 4 Dec 2021 11:35

Instrument :
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ClientSampleId :
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Tgt Ion:101 Resp: 107858
Ion Ratio Lower Upper
101 100
103 63.3 50.1 75.1

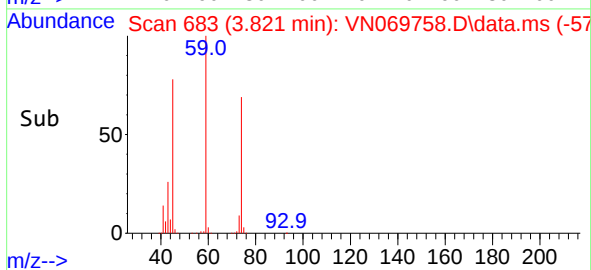
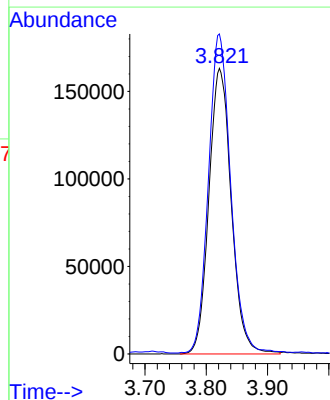
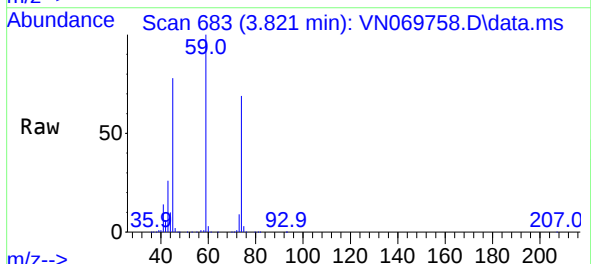
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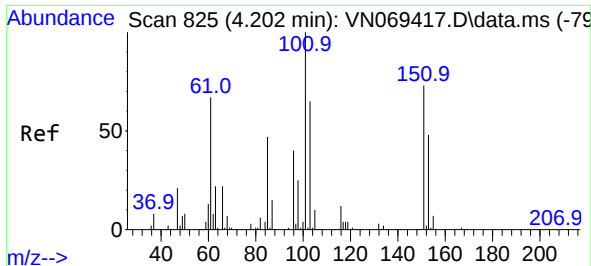
Reviewed By :John Carlone 12/06/2021
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#8
Diethyl Ether
Concen: 54.295 ug/l
RT: 3.821 min Scan# 683
Delta R.T. 0.000 min
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Tgt Ion: 74 Resp: 414919
Ion Ratio Lower Upper
74 100
45 110.8 47.0 141.2





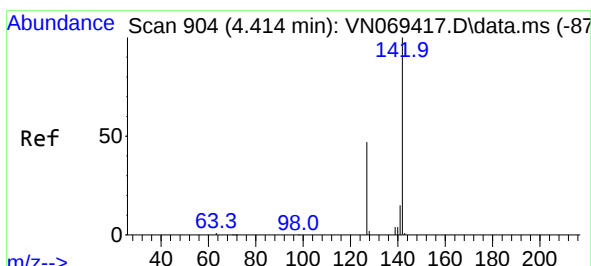
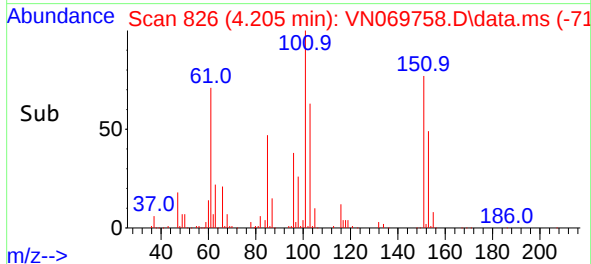
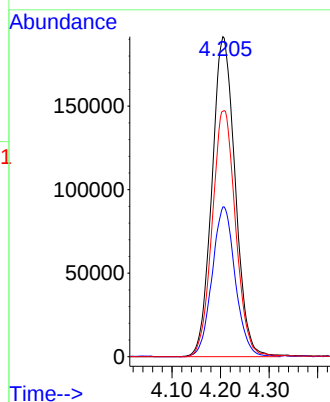
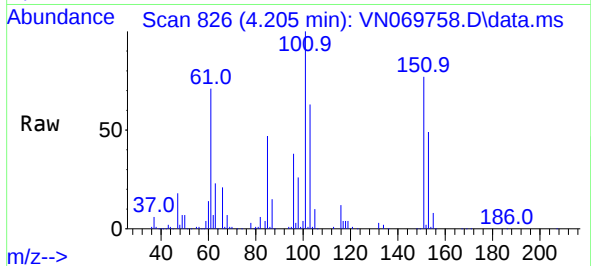
#9
1,1,2-Trichlorotrifluoroethane
Concen: 57.310 ug/l
RT: 4.205 min Scan# 81
Delta R.T. 0.003 min
Lab File: VN069758.D
Acq: 4 Dec 2021 11:35

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 637420
Ion Ratio Lower Upper
101 100
85 46.6 37.2 55.8
151 77.4 65.9 98.9

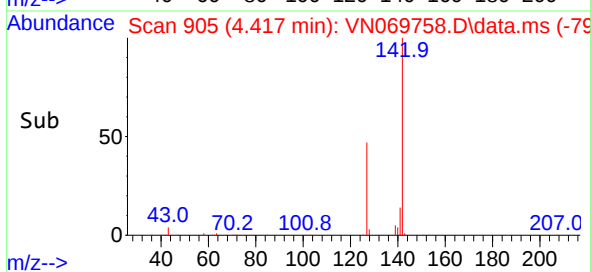
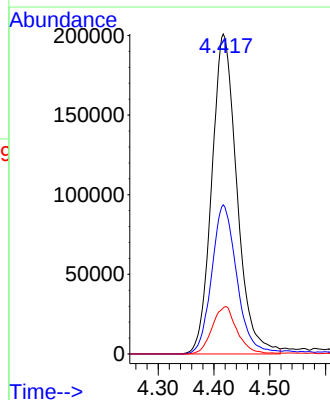
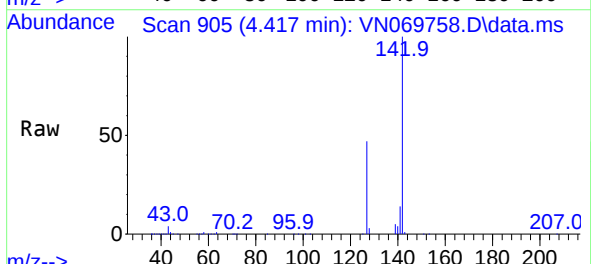
Manual Integrations
APPROVED

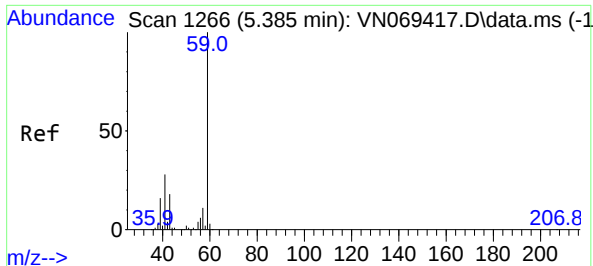
Reviewed By :John Carlone 12/06/2021
Supervised By :Mahesh Dadoda 12/06/2021



#10
Methyl Iodide
Concen: 41.442 ug/l
RT: 4.417 min Scan# 905
Delta R.T. 0.003 min
Lab File: VN069758.D
Acq: 4 Dec 2021 11:35

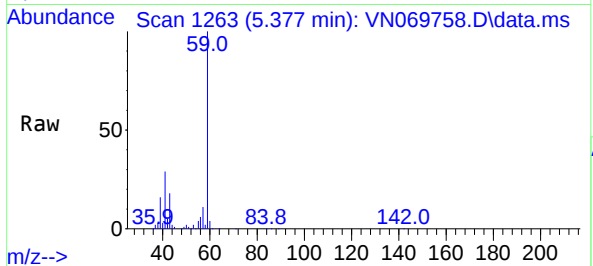
Tgt Ion:142 Resp: 629700
Ion Ratio Lower Upper
142 100
127 46.7 35.4 53.0
141 14.6 11.6 17.4





#11
Tert butyl alcohol
Concen: 217.512 ug/l
RT: 5.377 min Scan# 11
Delta R.T. -0.013 min
Lab File: VN069758.D
Acq: 4 Dec 2021 11:35

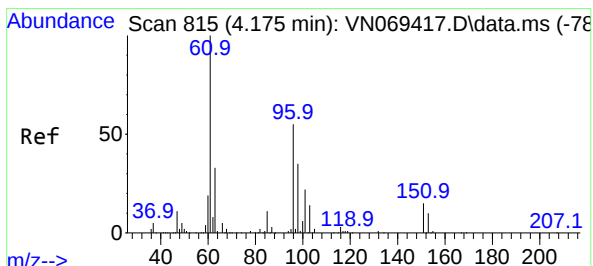
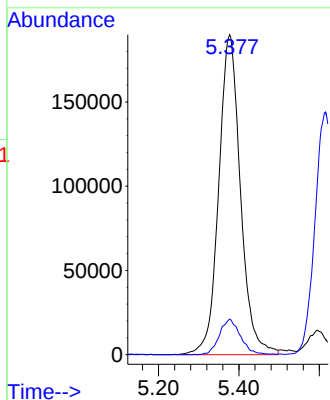
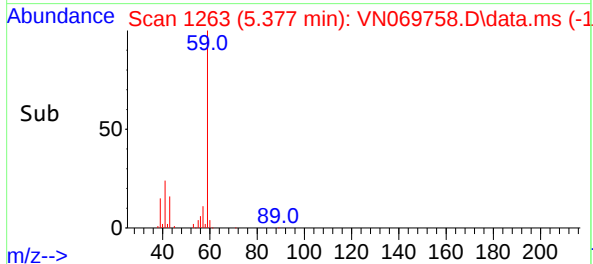
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



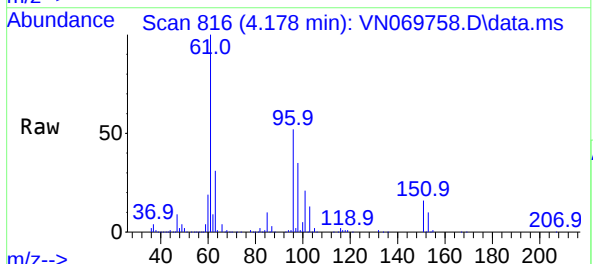
Tgt Ion: 59 Resp: 71429
Ion Ratio Lower Upper
59 100
57 10.7 8.7 13.1

Manual Integrations
APPROVED

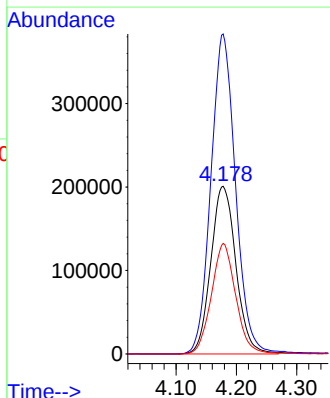
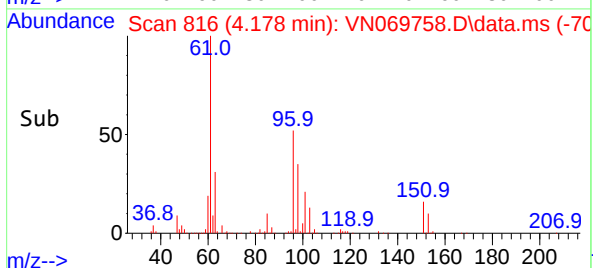
Reviewed By :John Carlone 12/06/2021
Supervised By :Mahesh Dadoda 12/06/2021



#12
1,1-Dichloroethene
Concen: 54.314 ug/l
RT: 4.178 min Scan# 816
Delta R.T. 0.003 min
Lab File: VN069758.D
Acq: 4 Dec 2021 11:35



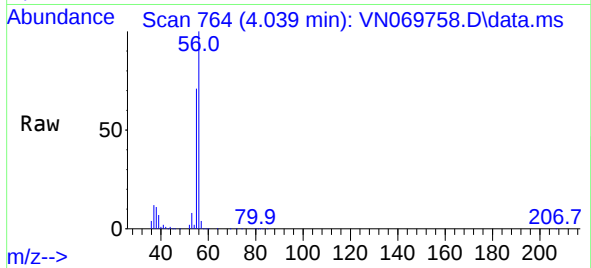
Tgt Ion: 96 Resp: 582136
Ion Ratio Lower Upper
96 100
61 190.8 131.0 196.6
98 66.0 52.4 78.6





#13
Acrolein
Concen: 263.514 ug/l
RT: 4.039 min Scan# 70
Delta R.T. 0.000 min
Lab File: VN069758.D
Acq: 4 Dec 2021 11:35

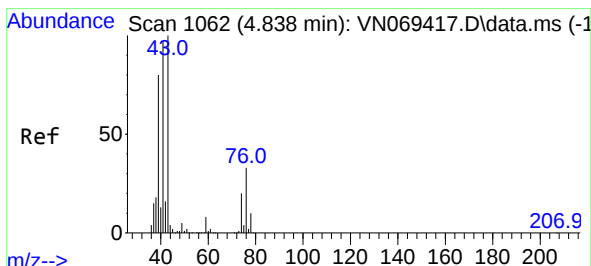
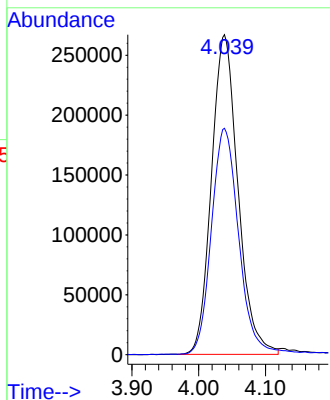
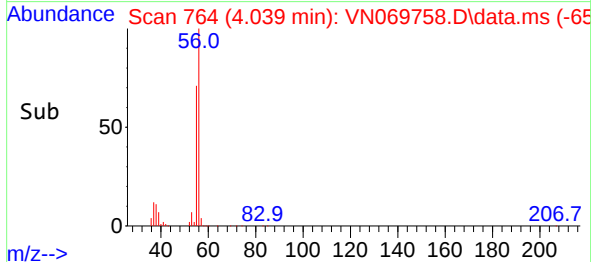
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



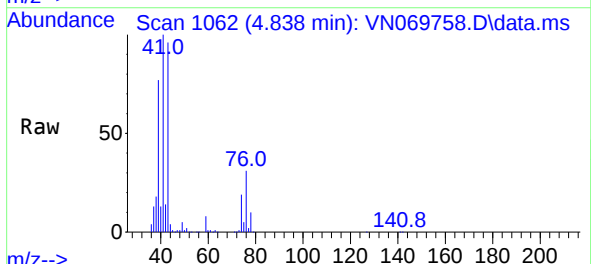
Tgt Ion: 56 Resp: 736932
Ion Ratio Lower Upper
56 100
55 72.7 56.6 85.0

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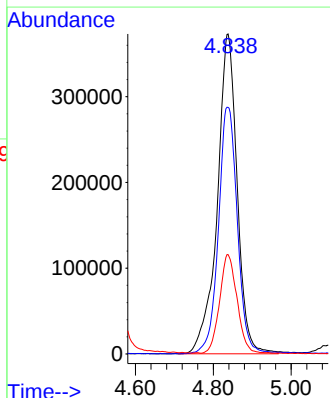
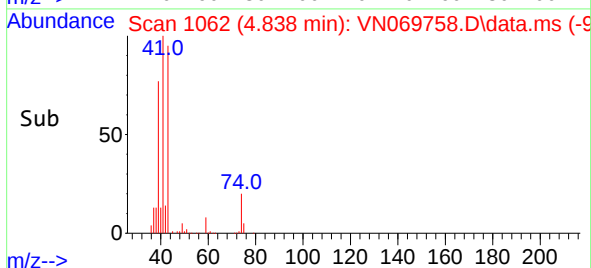
Reviewed By :John Carlone 12/06/2021
Supervised By :Mahesh Dadoda 12/06/2021

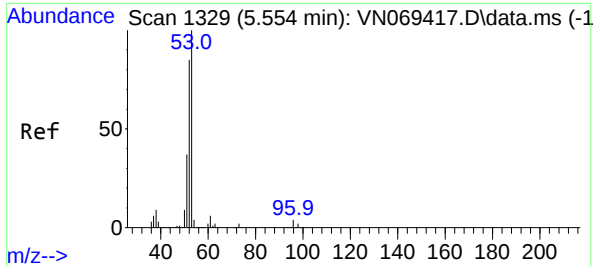


#14
Allyl chloride
Concen: 54.833 ug/l
RT: 4.838 min Scan# 1062
Delta R.T. 0.000 min
Lab File: VN069758.D
Acq: 4 Dec 2021 11:35



Tgt Ion: 41 Resp: 1324287
Ion Ratio Lower Upper
41 100
39 73.2 61.2 91.8
76 26.9 26.0 39.0





#15
Acrylonitrile
Concen: 238.006 ug/l
RT: 5.551 min Scan# 11
Delta R.T. -0.005 min
Lab File: VN069758.D
Acq: 4 Dec 2021 11:35

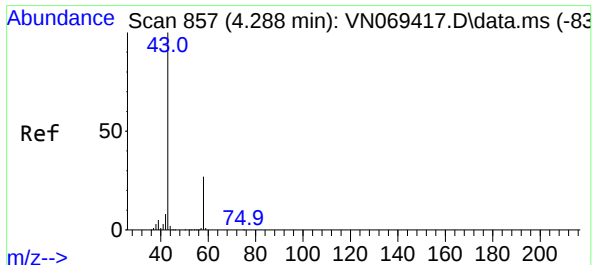
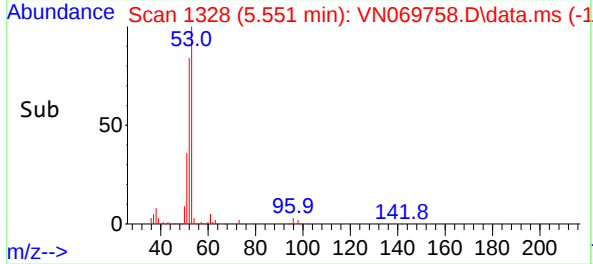
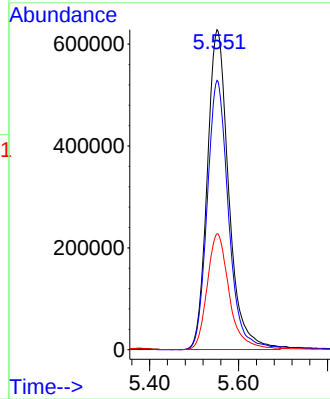
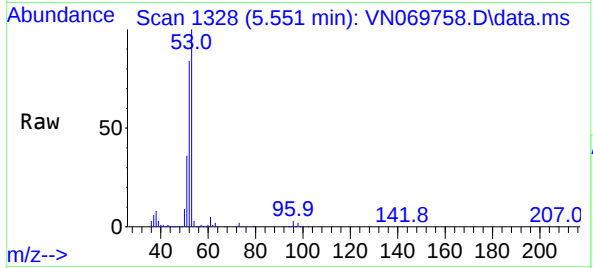
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 53 Resp: 210611

Ion	Ratio	Lower	Upper
53	100		
52	83.3	66.2	99.2
51	37.5	29.6	44.4

Manual Integrations
APPROVED

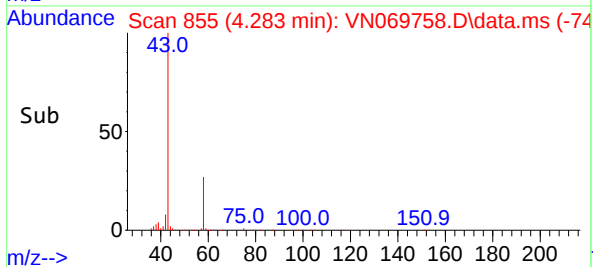
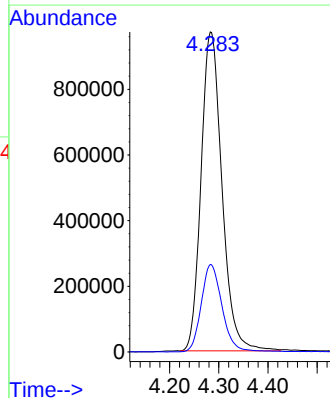
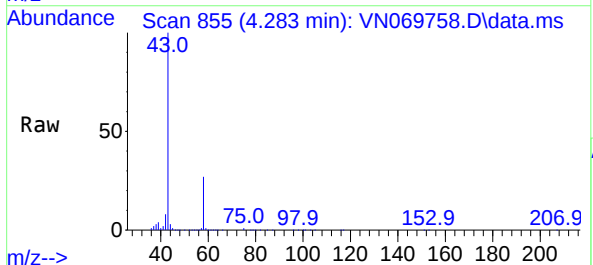
Reviewed By :John Carlone 12/06/2021
Supervised By :Mahesh Dadoda 12/06/2021

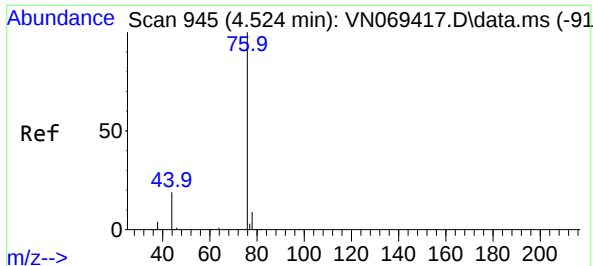


#16
Acetone
Concen: 274.295 ug/l
RT: 4.283 min Scan# 855
Delta R.T. -0.008 min
Lab File: VN069758.D
Acq: 4 Dec 2021 11:35

Tgt Ion: 43 Resp: 2866563

Ion	Ratio	Lower	Upper
43	100		
58	27.4	23.1	34.7





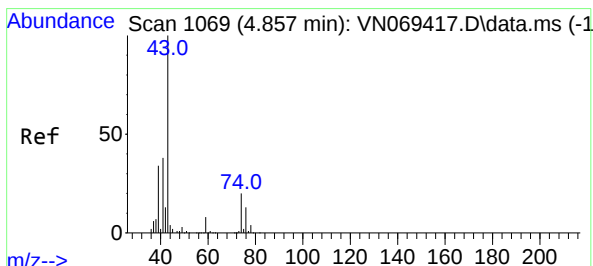
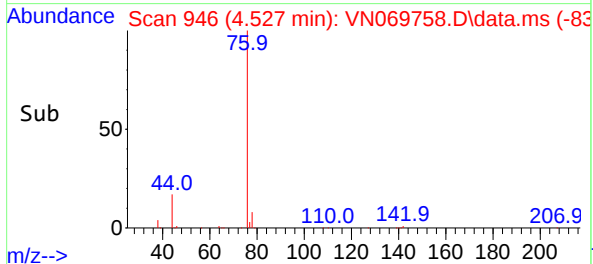
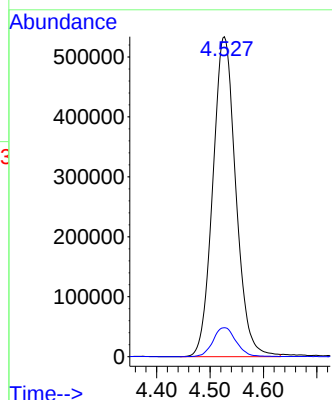
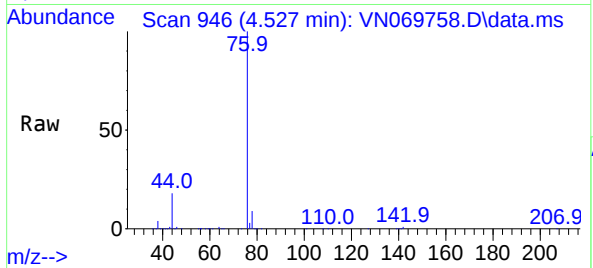
#17
Carbon Disulfide
Concen: 57.750 ug/l
RT: 4.527 min Scan# 945
Delta R.T. 0.003 min
Lab File: VN069758.D
Acq: 4 Dec 2021 11:35

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 159909
Ion Ratio Lower Upper
76 100
78 9.0 7.5 11.3

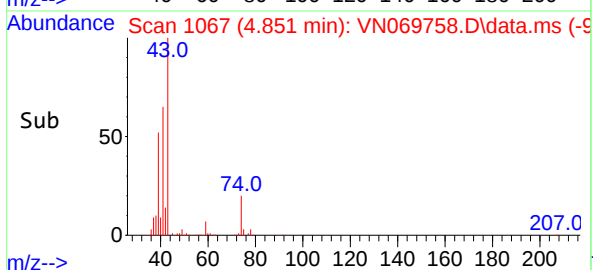
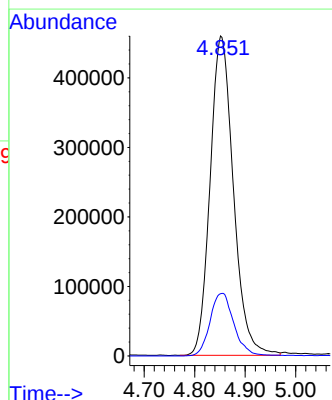
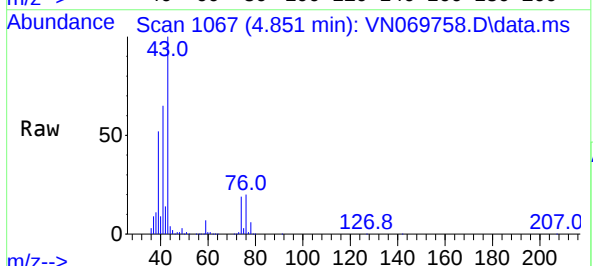
Manual Integrations
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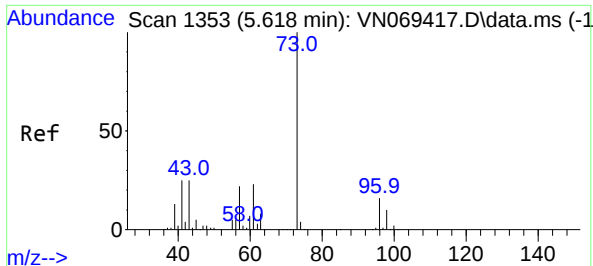
Reviewed By :John Carlone 12/06/2021
Supervised By :Mahesh Dadoda 12/06/2021



#18
Methyl Acetate
Concen: 46.646 ug/l
RT: 4.851 min Scan# 1067
Delta R.T. -0.005 min
Lab File: VN069758.D
Acq: 4 Dec 2021 11:35

Tgt Ion: 43 Resp: 1471445
Ion Ratio Lower Upper
43 100
74 20.1 19.4 29.2





#19

Methyl tert-butyl Ether

Concen: 53.785 ug/l

RT: 5.613 min Scan# 1135

Delta R.T. -0.005 min

Lab File: VN069758.D

Acq: 4 Dec 2021 11:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 73 Resp: 224144

Ion Ratio Lower Upper

73 100

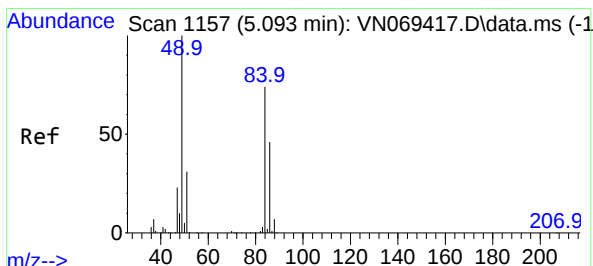
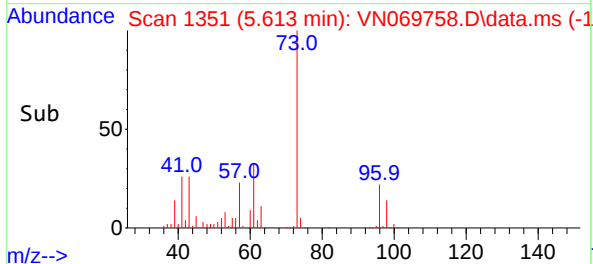
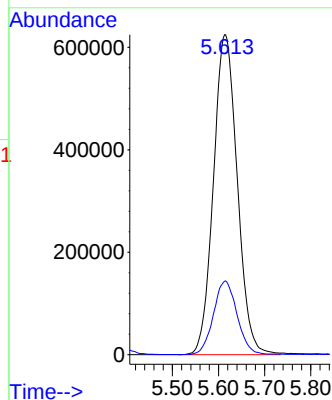
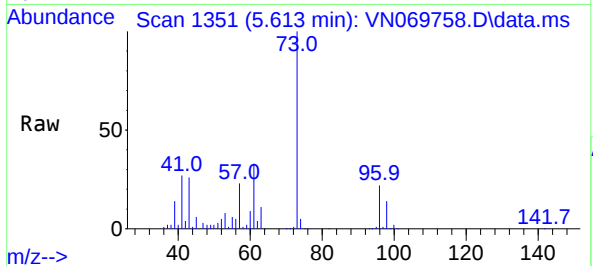
57 22.9 16.8 25.2

Manual Integrations

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Reviewed By :John Carlone 12/06/2021

Supervised By :Mahesh Dadoda 12/06/2021



#20

Methylene Chloride

Concen: 50.434 ug/l

RT: 5.093 min Scan# 1157

Delta R.T. 0.000 min

Lab File: VN069758.D

Acq: 4 Dec 2021 11:35

Tgt Ion: 84 Resp: 700683

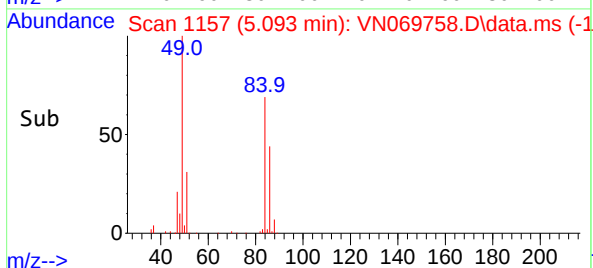
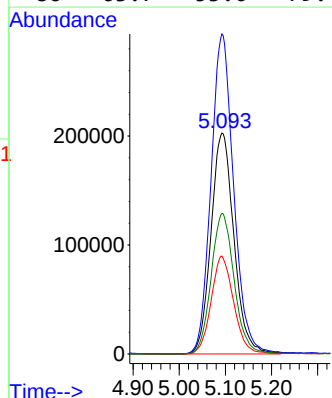
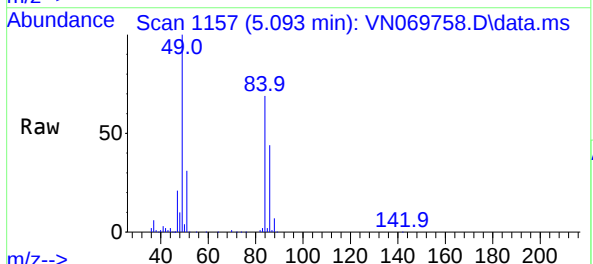
Ion Ratio Lower Upper

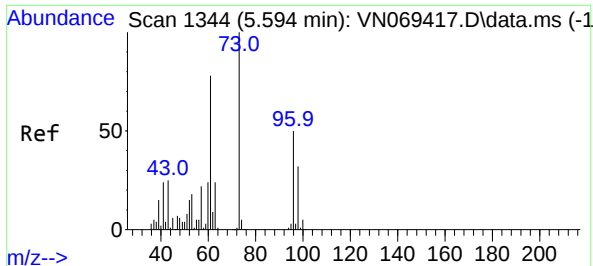
84 100

49 144.7 93.5 140.3#

51 44.3 29.4 44.2#

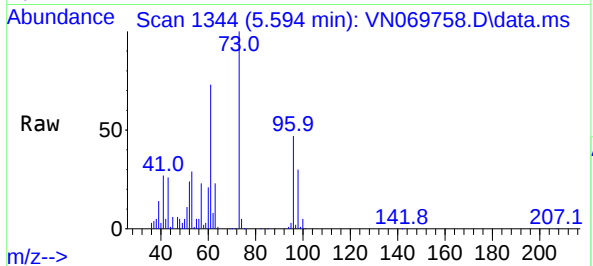
86 63.7 53.0 79.4





#21
trans-1,2-Dichloroethene
Concen: 53.947 ug/l
RT: 5.594 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN069758.D
Acq: 4 Dec 2021 11:35

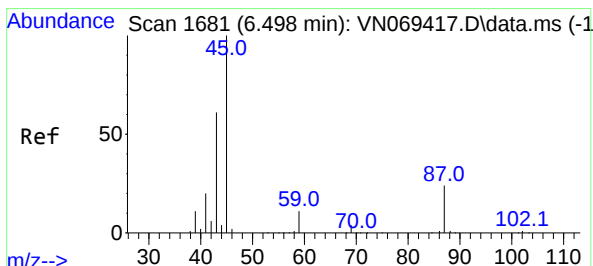
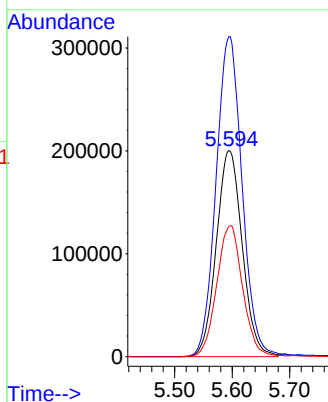
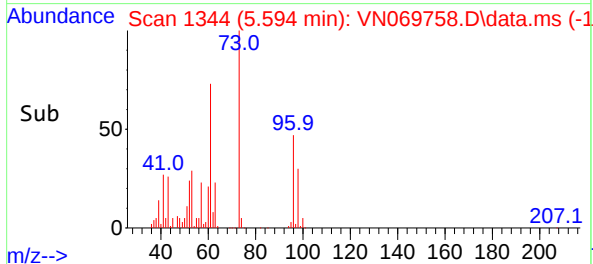
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



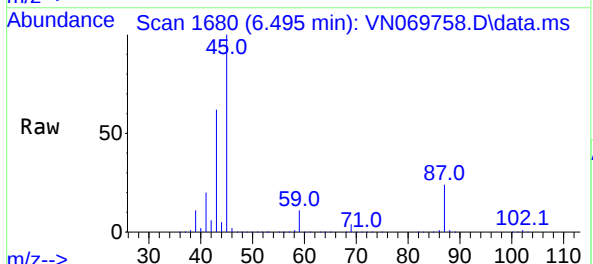
Tgt Ion: 96 Resp: 628014
Ion Ratio Lower Upper
96 100
61 155.3 105.8 158.6
98 63.0 52.0 78.0

Manual Integrations
APPROVED

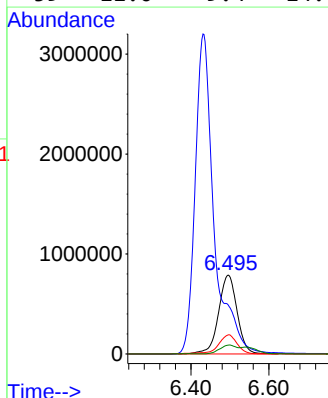
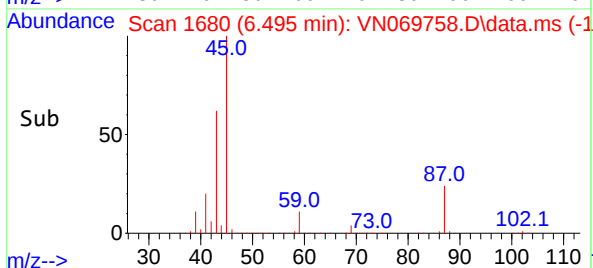
Reviewed By :John Carlone 12/06/2021
Supervised By :Mahesh Dadoda 12/06/2021

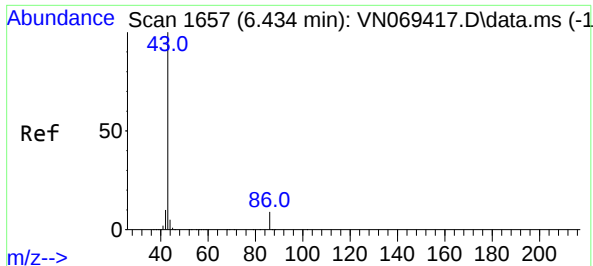


#22
Diisopropyl ether
Concen: 55.379 ug/l
RT: 6.495 min Scan# 1680
Delta R.T. -0.003 min
Lab File: VN069758.D
Acq: 4 Dec 2021 11:35



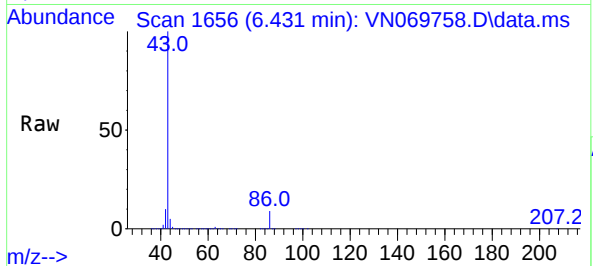
Tgt Ion: 45 Resp: 2614184
Ion Ratio Lower Upper
45 100
43 61.5 51.7 77.5
87 24.0 23.2 34.8
59 11.0 9.4 14.0





#23
 Vinyl Acetate
 Concen: 280.475 ug/l
 RT: 6.431 min Scan# 1656
 Delta R.T. -0.005 min
 Lab File: VN069758.D
 Acq: 4 Dec 2021 11:35

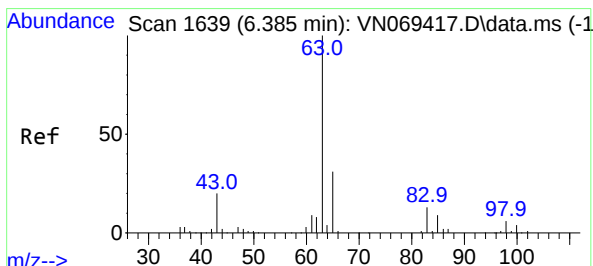
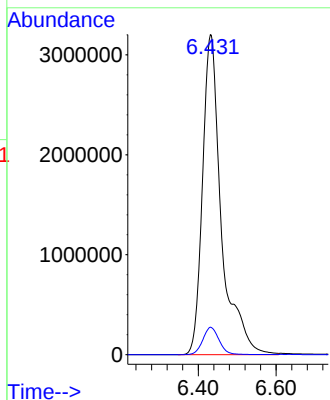
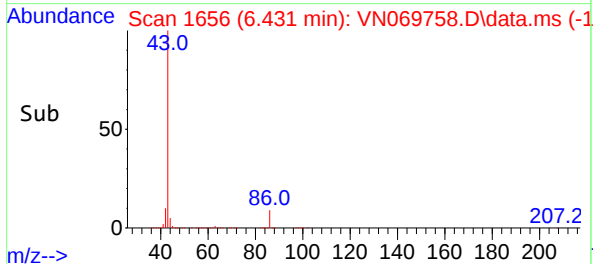
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



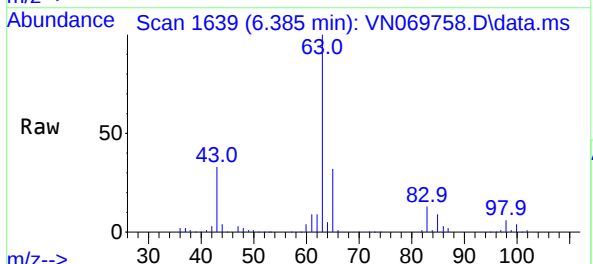
Tgt Ion: 43 Resp:10771478
 Ion Ratio Lower Upper
 43 100
 86 8.6 8.5 12.7

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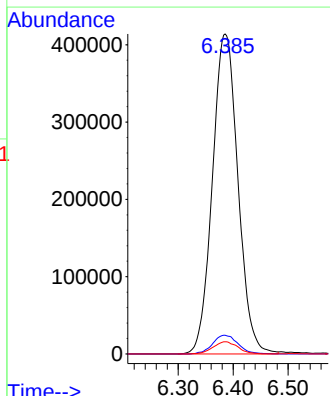
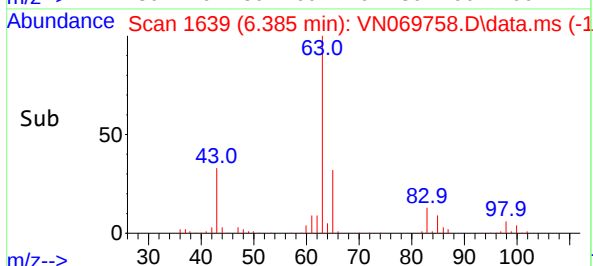
Reviewed By :John Carlone 12/06/2021
 Supervised By :Mahesh Dadoda 12/06/2021

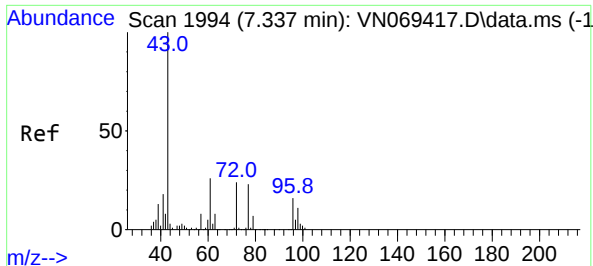


#24
 1,1-Dichloroethane
 Concen: 54.723 ug/l
 RT: 6.385 min Scan# 1639
 Delta R.T. -0.003 min
 Lab File: VN069758.D
 Acq: 4 Dec 2021 11:35



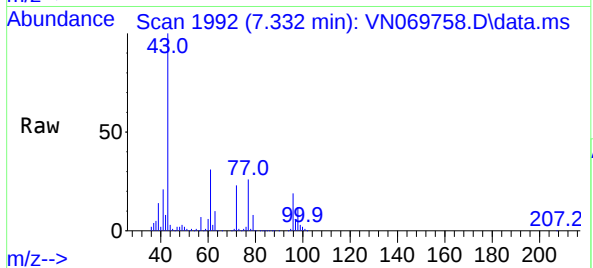
Tgt Ion: 63 Resp: 1338132
 Ion Ratio Lower Upper
 63 100
 98 5.9 3.3 9.9
 100 3.8 2.1 6.5





#25
2-Butanone
Concen: 245.457 ug/l
RT: 7.332 min Scan# 1989
Delta R.T. -0.005 min
Lab File: VN069758.D
Acq: 4 Dec 2021 11:35

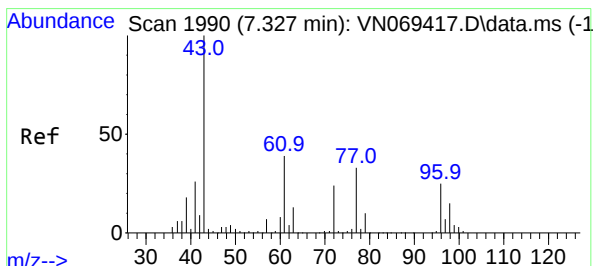
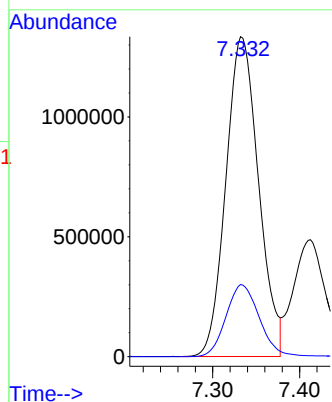
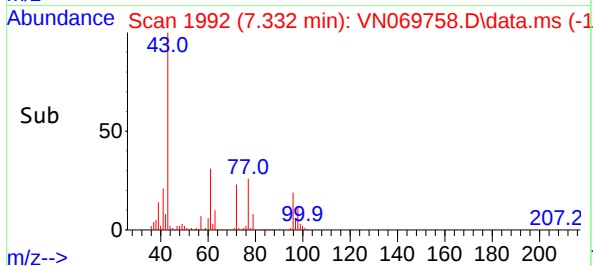
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



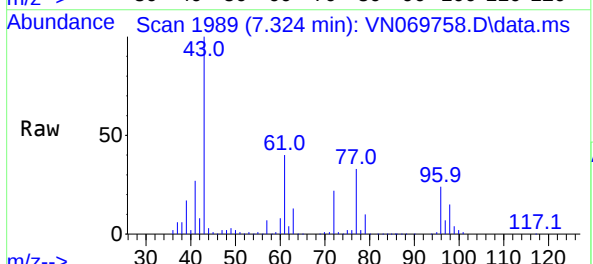
Tgt Ion: 43 Resp: 348534
Ion Ratio Lower Upper
43 100
72 22.6 21.7 32.5

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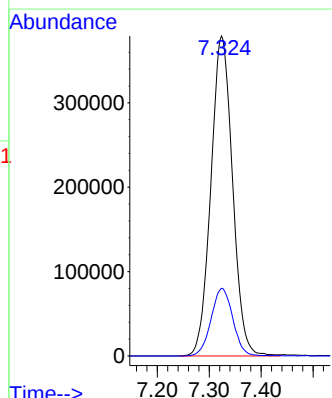
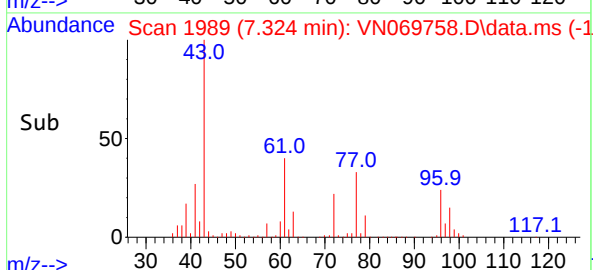
Reviewed By :John Carlone 12/06/2021
Supervised By :Mahesh Dadoda 12/06/2021

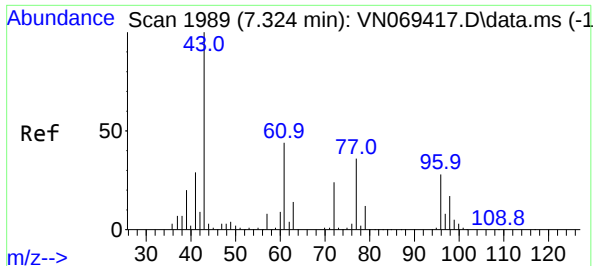


#26
2,2-Dichloropropane
Concen: 57.808 ug/l
RT: 7.324 min Scan# 1989
Delta R.T. -0.003 min
Lab File: VN069758.D
Acq: 4 Dec 2021 11:35



Tgt Ion: 77 Resp: 1099075
Ion Ratio Lower Upper
77 100
97 21.2 11.6 34.8





#27
cis-1,2-Dichloroethene
Concen: 53.625 ug/l
RT: 7.324 min Scan# 1989
Delta R.T. -0.003 min
Lab File: VN069758.D
Acq: 4 Dec 2021 11:35

Instrument :

MSVOA_N

ClientSampleId :

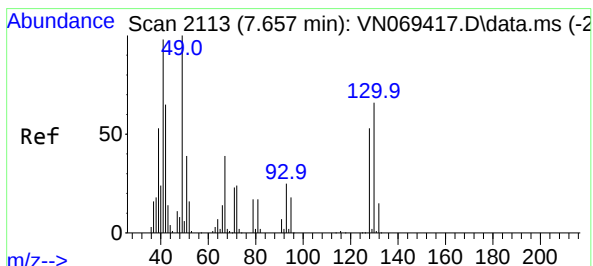
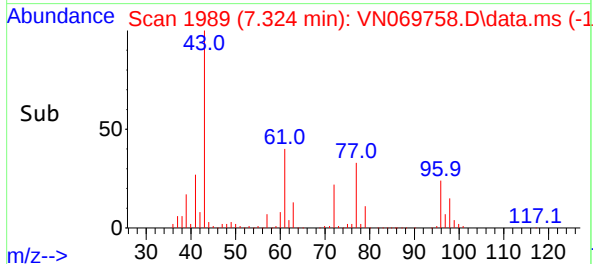
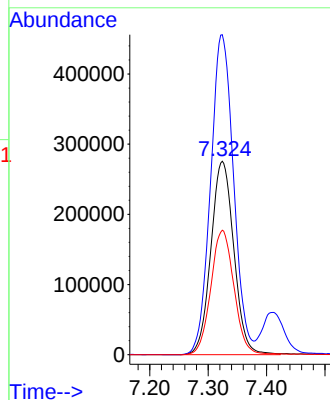
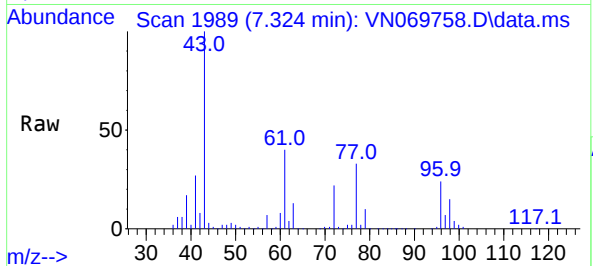
VSTDCCC050

Tgt Ion: 96 Resp: 754230
Ion Ratio Lower Upper
96 100
61 165.3 0.0 275.0
98 64.6 0.0 129.6

Manual Integrations

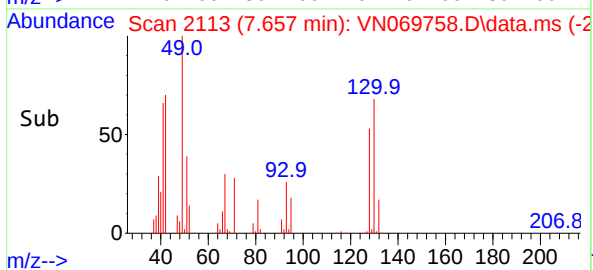
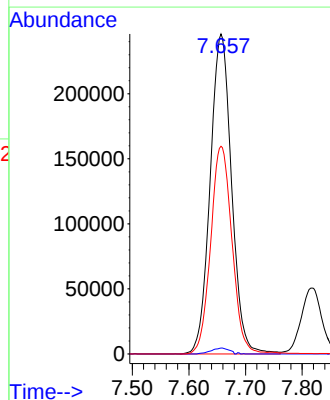
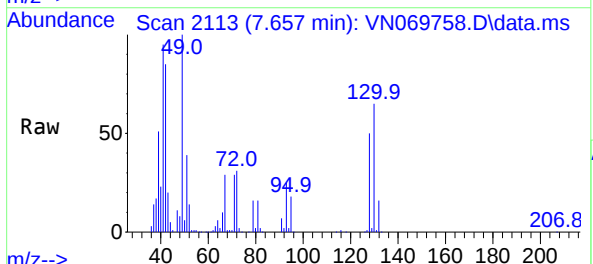
APPROVED

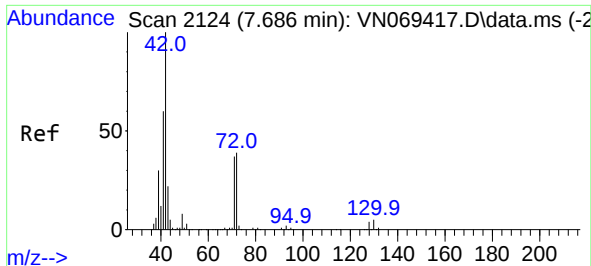
Reviewed By :John Carlone 12/06/2021
Supervised By :Mahesh Dadoda 12/06/2021



#28
Bromochloromethane
Concen: 50.797 ug/l
RT: 7.657 min Scan# 2113
Delta R.T. 0.000 min
Lab File: VN069758.D
Acq: 4 Dec 2021 11:35

Tgt Ion: 49 Resp: 645924
Ion Ratio Lower Upper
49 100
129 1.5 0.0 4.0
130 64.6 67.8 101.8#





#29

Tetrahydrofuran

Concen: 236.284 ug/l

RT: 7.683 min Scan# 2124

Delta R.T. -0.003 min

Lab File: VN069758.D

Acq: 4 Dec 2021 11:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 203729

Ion Ratio Lower Upper

42 100

72 37.2 36.3 54.5

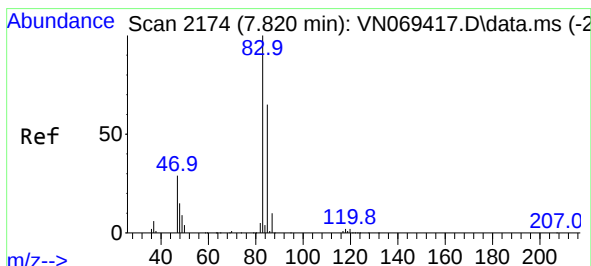
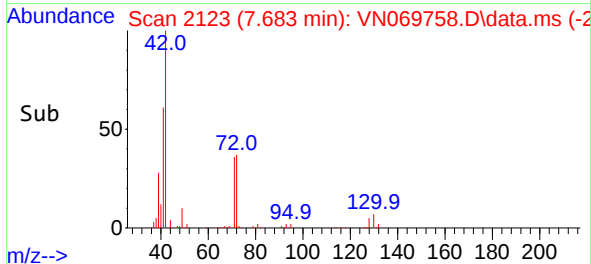
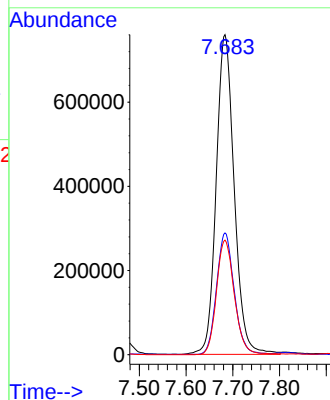
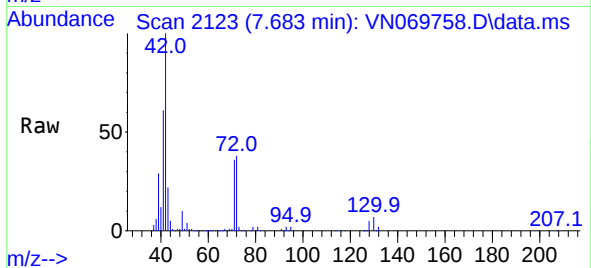
71 35.5 34.7 52.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/06/2021

Supervised By :Mahesh Dadoda 12/06/2021



#30

Chloroform

Concen: 53.701 ug/l

RT: 7.817 min Scan# 2173

Delta R.T. -0.003 min

Lab File: VN069758.D

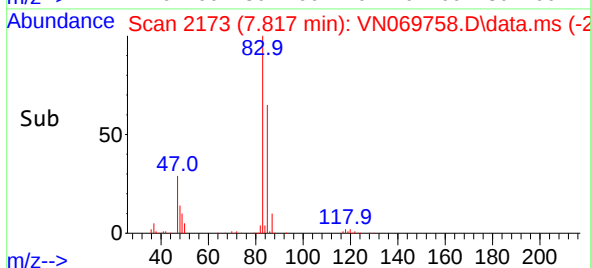
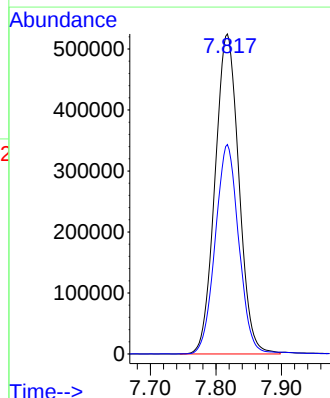
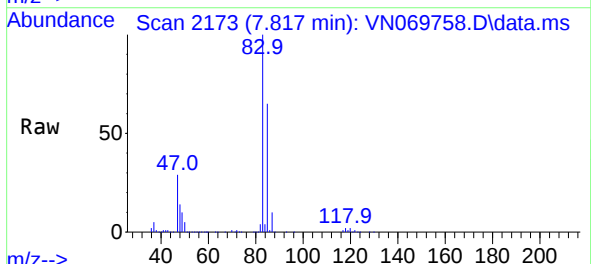
Acq: 4 Dec 2021 11:35

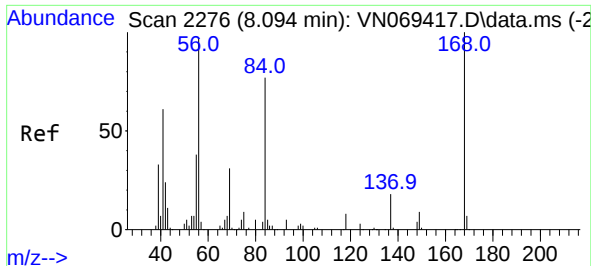
Tgt Ion: 83 Resp: 1326195

Ion Ratio Lower Upper

83 100

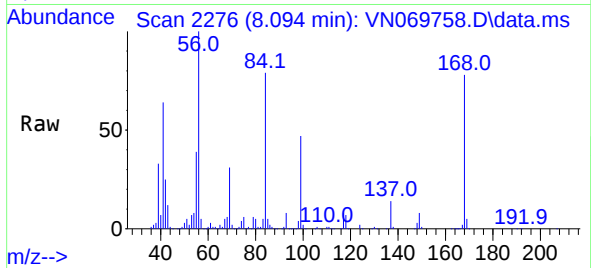
85 65.4 51.9 77.9





#31
Cyclohexane
Concen: 53.909 ug/l
RT: 8.094 min Scan# 2276
Delta R.T. 0.000 min
Lab File: VN069758.D
Acq: 4 Dec 2021 11:35

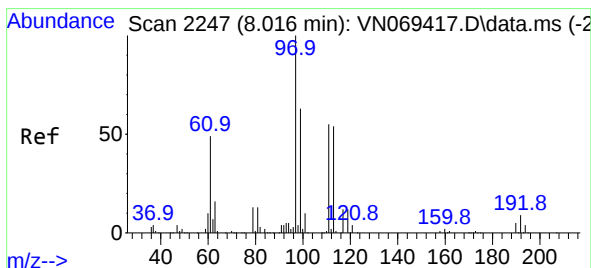
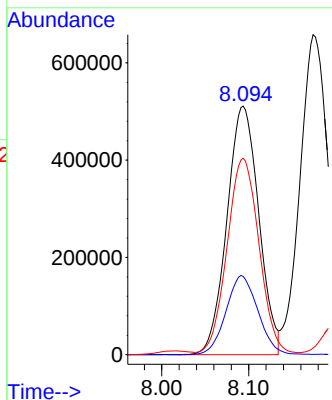
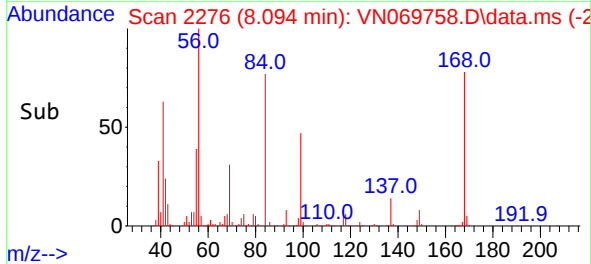
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



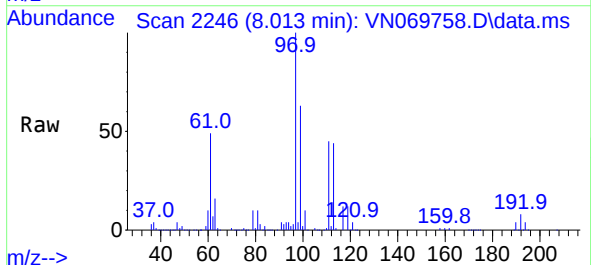
Tgt Ion: 56 Resp: 1303370
Ion Ratio Lower Upper
56 100
69 31.5 27.1 40.7
84 77.5 73.4 110.0

Manual Integrations
APPROVED

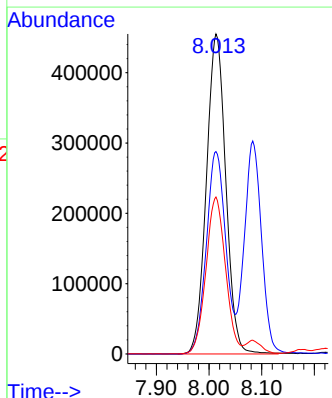
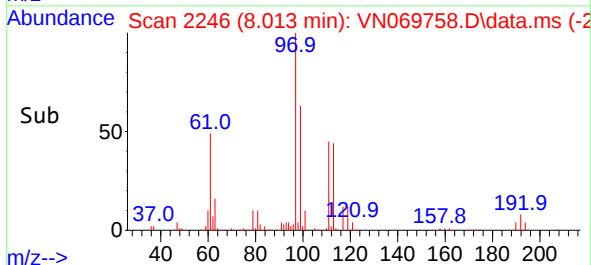
Reviewed By :John Carlone 12/06/2021
Supervised By :Mahesh Dadoda 12/06/2021



#32
1,1,1-Trichloroethane
Concen: 55.424 ug/l
RT: 8.013 min Scan# 2246
Delta R.T. -0.003 min
Lab File: VN069758.D
Acq: 4 Dec 2021 11:35



Tgt Ion: 97 Resp: 1165900
Ion Ratio Lower Upper
97 100
99 63.4 50.1 75.1
61 49.6 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 44.747 ug/l

RT: 8.437 min Scan# 2405

Delta R.T. 0.000 min

Lab File: VN069758.D

Acq: 4 Dec 2021 11:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 777386

Ion Ratio Lower Upper

65 100

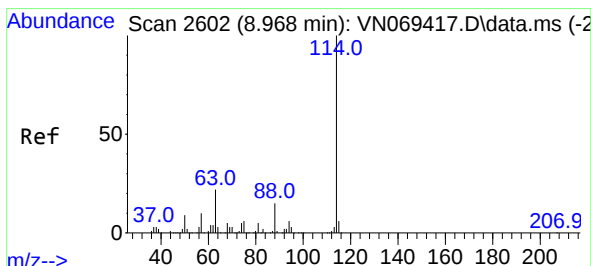
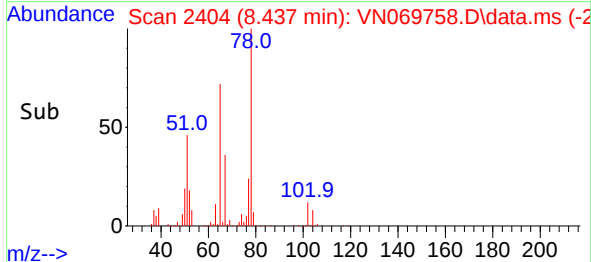
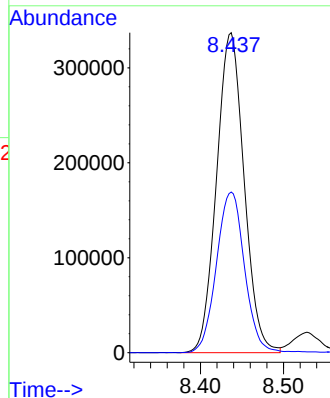
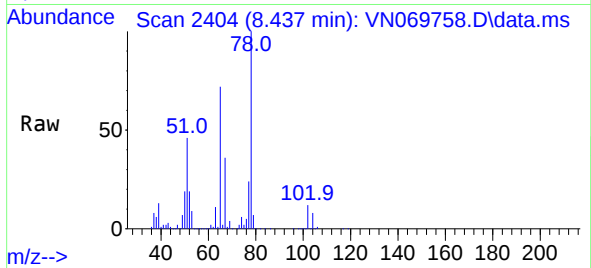
67 51.1 0.0 103.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/06/2021

Supervised By :Mahesh Dadoda 12/06/2021



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.965 min Scan# 2601

Delta R.T. -0.003 min

Lab File: VN069758.D

Acq: 4 Dec 2021 11:35

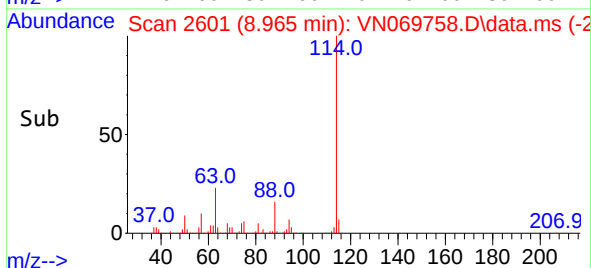
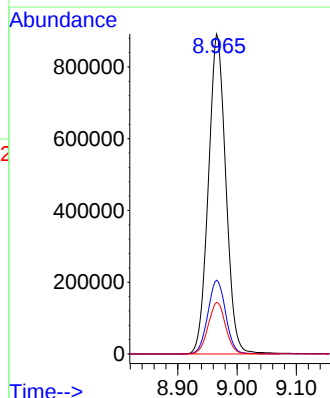
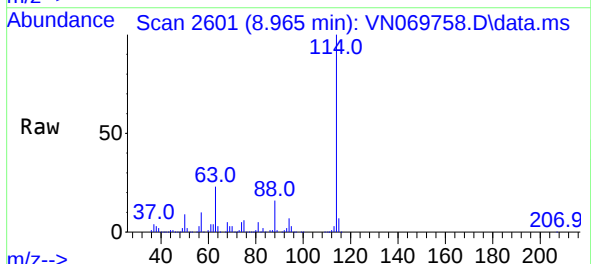
Tgt Ion:114 Resp: 1817085

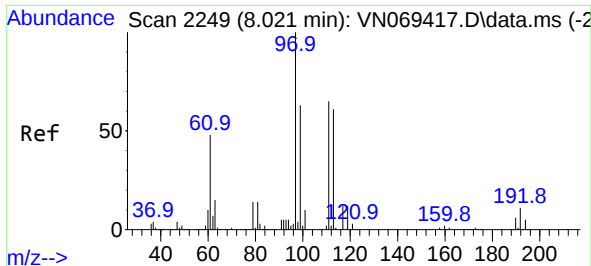
Ion Ratio Lower Upper

114 100

63 23.1 0.0 37.8

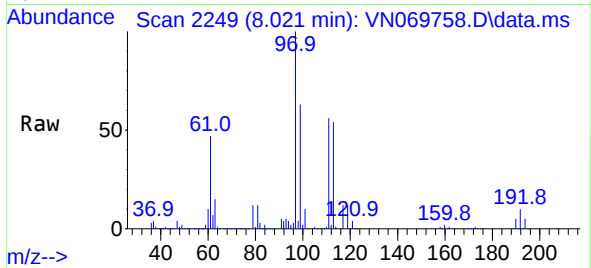
88 16.1 0.0 27.4





#35
Dibromofluoromethane
Concen: 46.956 ug/l
RT: 8.021 min Scan# 21
Delta R.T. -0.003 min
Lab File: VN069758.D
Acq: 4 Dec 2021 11:35

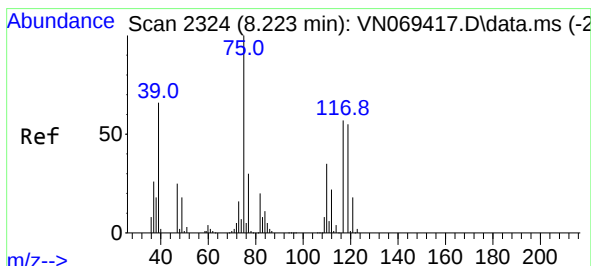
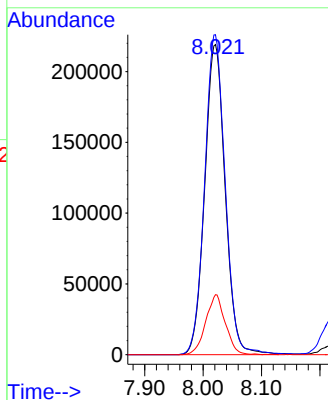
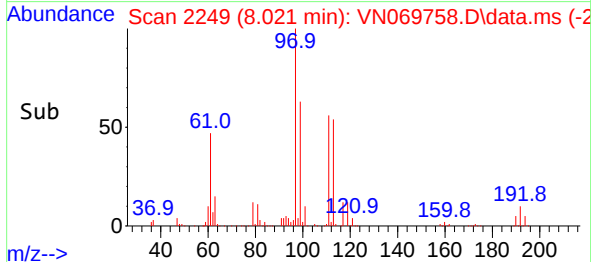
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



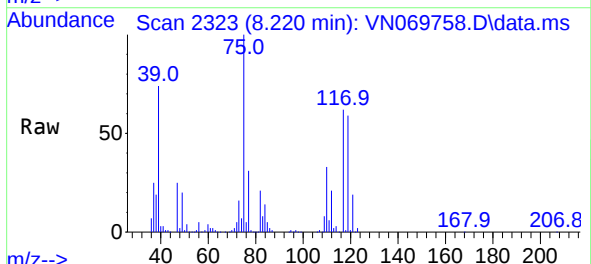
Tgt Ion: 113 Resp: 53444
Ion Ratio Lower Upper
113 100
111 103.5 82.2 123.2
192 18.4 16.9 25.3

Manual Integrations
APPROVED

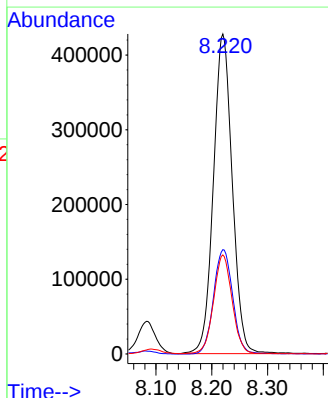
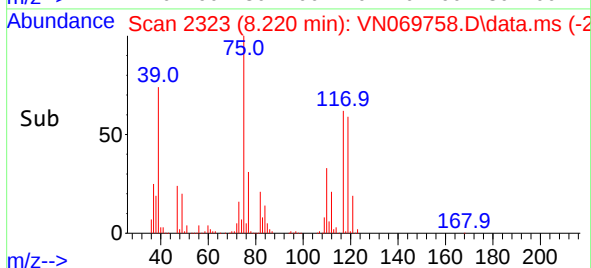
Reviewed By :John Carlone 12/06/2021
Supervised By :Mahesh Dadoda 12/06/2021

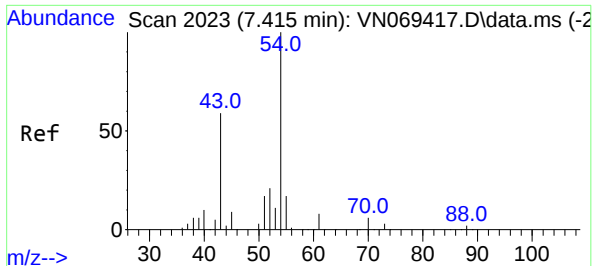


#36
1,1-Dichloropropene
Concen: 58.026 ug/l
RT: 8.220 min Scan# 2323
Delta R.T. -0.003 min
Lab File: VN069758.D
Acq: 4 Dec 2021 11:35



Tgt Ion: 75 Resp: 1003733
Ion Ratio Lower Upper
75 100
110 33.0 18.4 55.2
77 30.3 24.4 36.6





#37
Ethyl Acetate
Concen: 47.945 ug/l
RT: 7.412 min Scan# 2023
Delta R.T. -0.003 min
Lab File: VN069758.D
Acq: 4 Dec 2021 11:35

Instrument :

MSVOA_N

ClientSampleId :

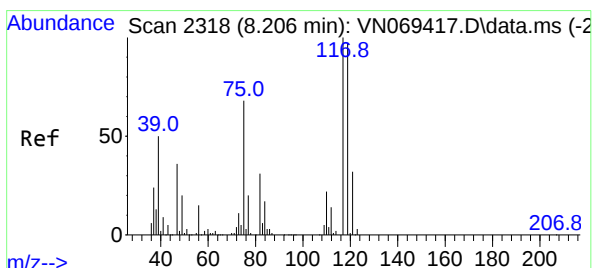
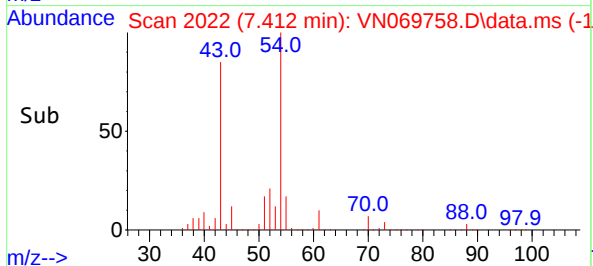
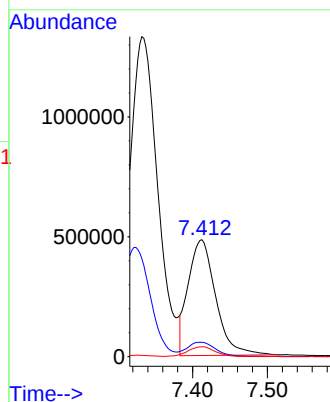
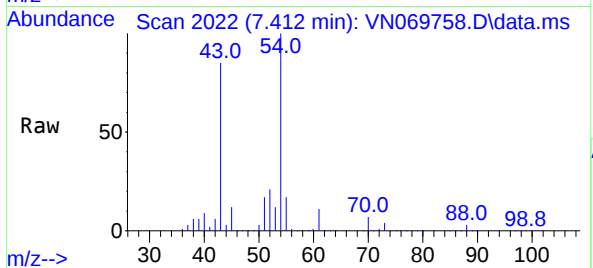
VSTDCCC050

Tgt Ion: 43 Resp: 1234392
Ion Ratio Lower Upper
43 100
61 12.8 11.5 17.3
70 8.4 7.9 11.9

Manual Integrations

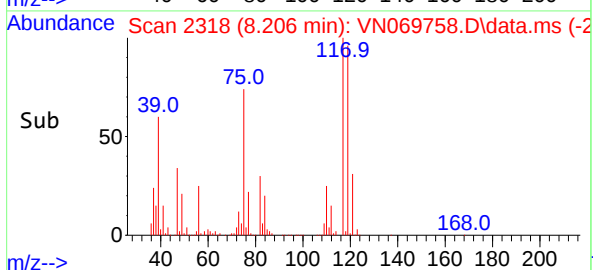
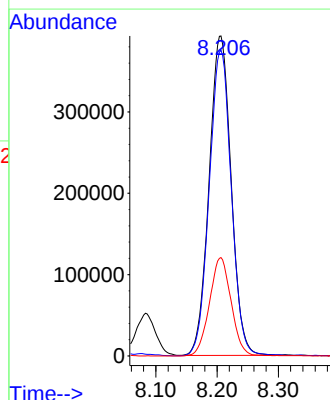
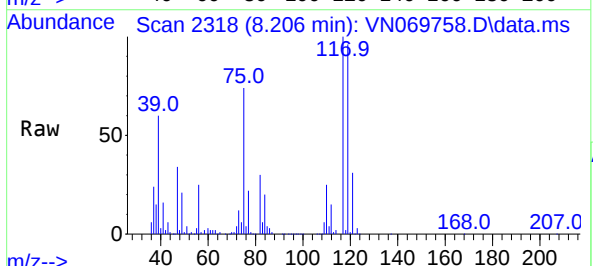
APPROVED

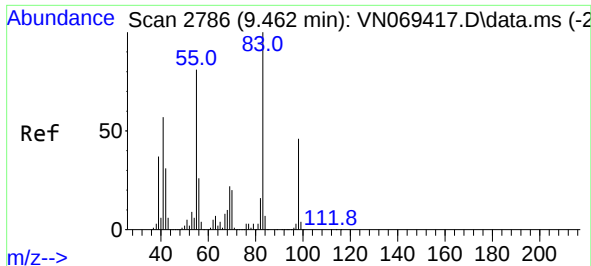
Reviewed By :John Carlone 12/06/2021
Supervised By :Mahesh Dadoda 12/06/2021



#38
Carbon Tetrachloride
Concen: 57.779 ug/l
RT: 8.206 min Scan# 2318
Delta R.T. 0.000 min
Lab File: VN069758.D
Acq: 4 Dec 2021 11:35

Tgt Ion:117 Resp: 980096
Ion Ratio Lower Upper
117 100
119 95.6 76.1 114.1
121 30.8 24.2 36.2





#39

Methylcyclohexane

Concen: 60.870 ug/l

RT: 9.459 min Scan# 21

Delta R.T. -0.003 min

Lab File: VN069758.D

Acq: 4 Dec 2021 11:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 125243

Ion Ratio Lower Upper

83 100

55 83.1 58.1 87.1

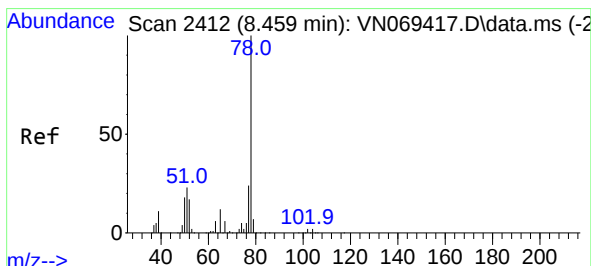
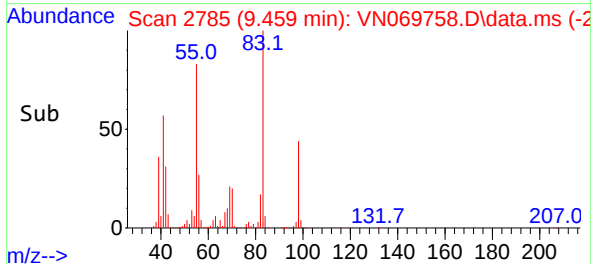
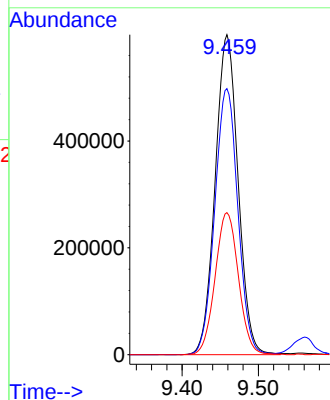
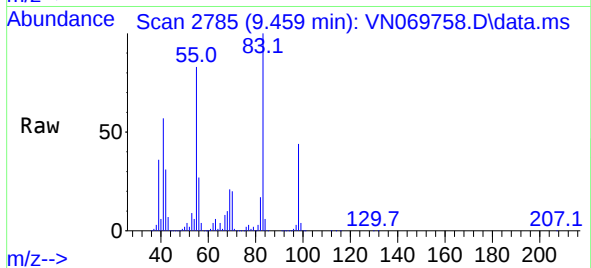
98 44.4 38.4 57.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/06/2021

Supervised By :Mahesh Dadoda 12/06/2021



#40

Benzene

Concen: 55.760 ug/l

RT: 8.458 min Scan# 2412

Delta R.T. -0.003 min

Lab File: VN069758.D

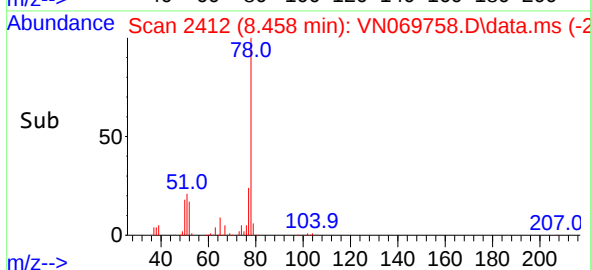
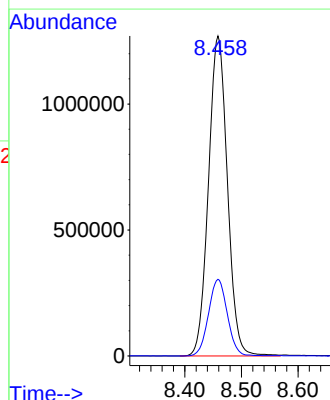
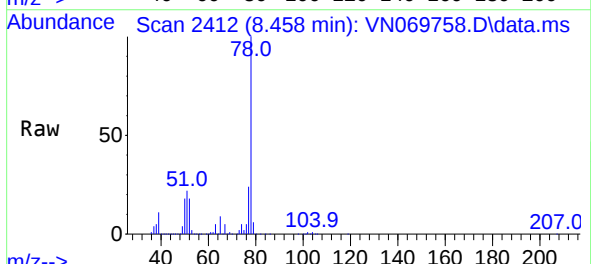
Acq: 4 Dec 2021 11:35

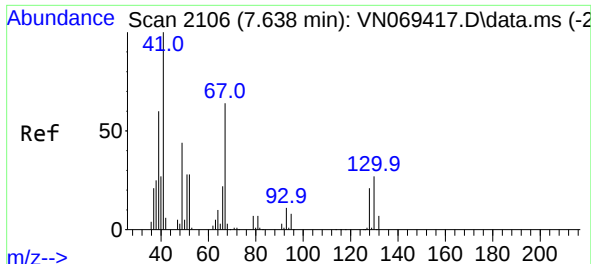
Tgt Ion: 78 Resp: 2948249

Ion Ratio Lower Upper

78 100

77 23.9 18.6 27.8





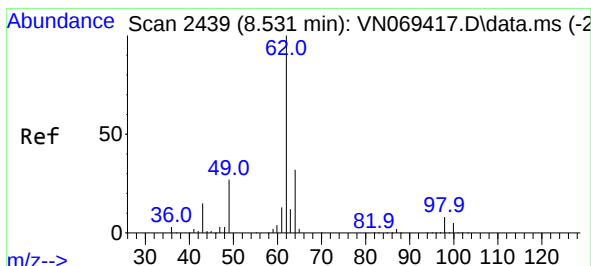
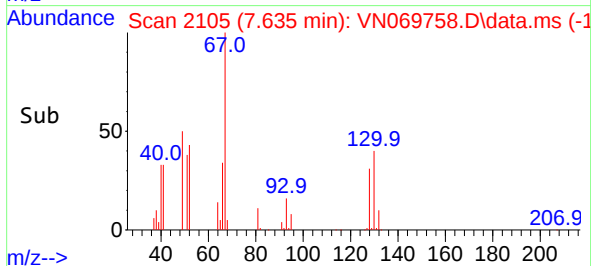
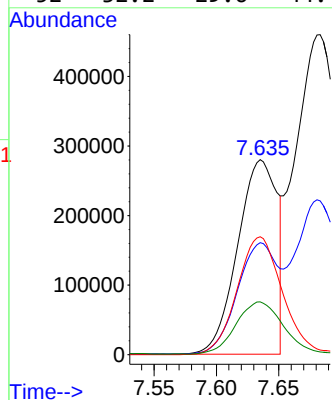
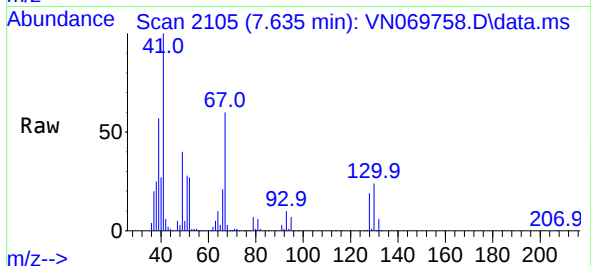
#41
Methacrylonitrile
Concen: 50.839 ug/l
RT: 7.635 min Scan# 2105
Delta R.T. -0.005 min
Lab File: VN069758.D
Acq: 4 Dec 2021 11:35

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 41 Resp: 614438
Ion Ratio Lower Upper
41 100
39 60.3 48.1 72.1
67 70.8 68.3 102.5
52 32.2 29.6 44.4

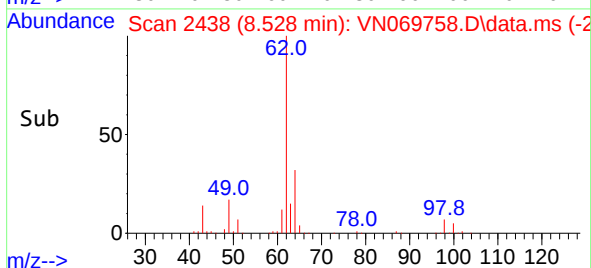
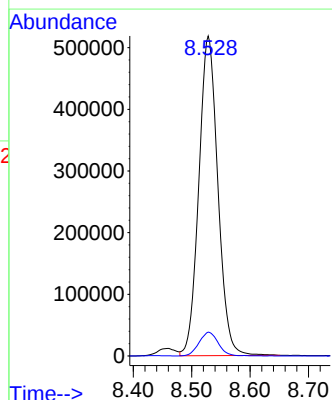
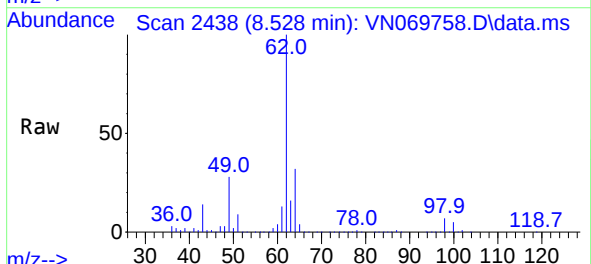
Manual Integrations
APPROVED

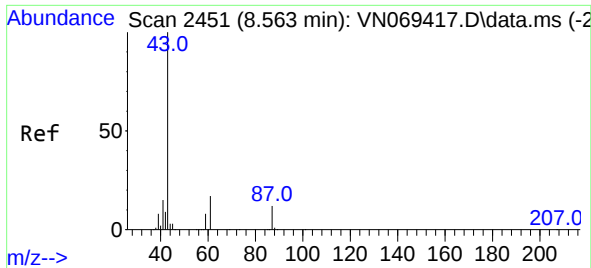
Reviewed By :John Carlone 12/06/2021
Supervised By :Mahesh Dadoda 12/06/2021



#42
1,2-Dichloroethane
Concen: 55.031 ug/l
RT: 8.528 min Scan# 2438
Delta R.T. -0.003 min
Lab File: VN069758.D
Acq: 4 Dec 2021 11:35

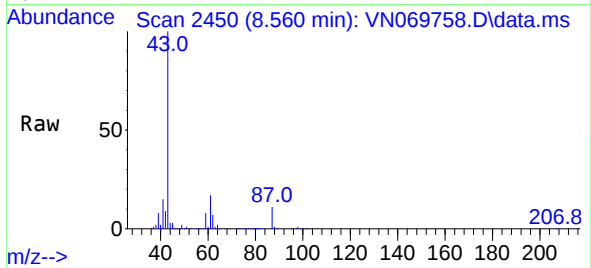
Tgt Ion: 62 Resp: 1174581
Ion Ratio Lower Upper
62 100
98 7.5 0.0 17.6





#43
Isopropyl Acetate
Concen: 53.451 ug/l
RT: 8.560 min Scan# 2451
Delta R.T. -0.003 min
Lab File: VN069758.D
Acq: 4 Dec 2021 11:35

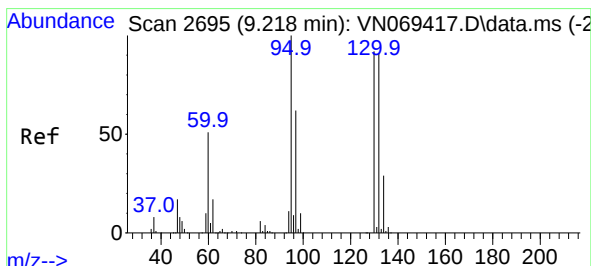
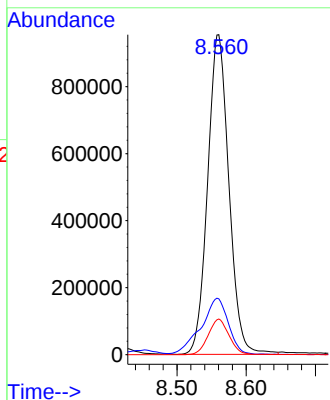
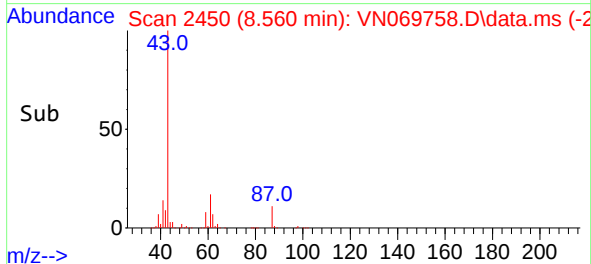
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 2036470
Ion Ratio Lower Upper
43 100
61 22.4 20.4 30.6
87 10.9 11.2 16.8

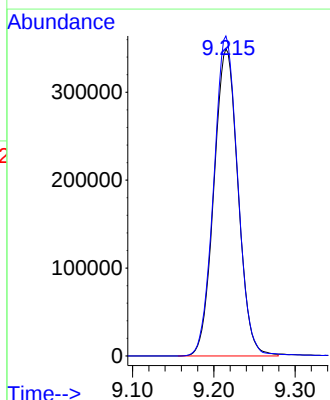
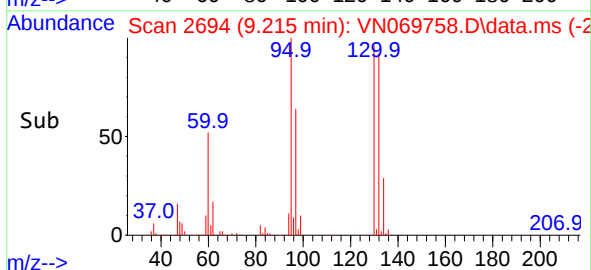
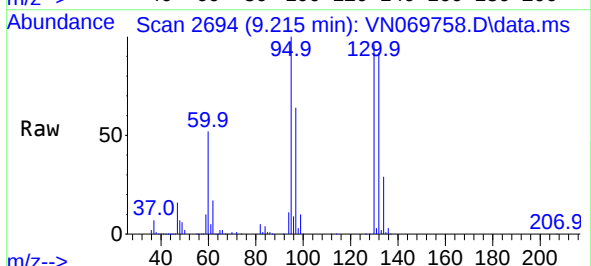
Manual Integrations
APPROVED

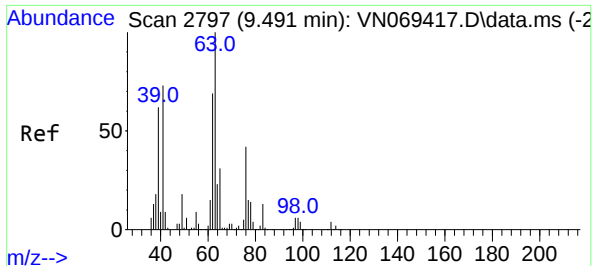
Reviewed By :John Carlone 12/06/2021
Supervised By :Mahesh Dadoda 12/06/2021



#44
Trichloroethene
Concen: 57.185 ug/l
RT: 9.215 min Scan# 2694
Delta R.T. -0.002 min
Lab File: VN069758.D
Acq: 4 Dec 2021 11:35

Tgt Ion:130 Resp: 721660
Ion Ratio Lower Upper
130 100
95 104.2 0.0 191.2





#45

1,2-Dichloropropane

Concen: 55.966 ug/l

RT: 9.488 min Scan# 21

Delta R.T. -0.003 min

Lab File: VN069758.D

Acq: 4 Dec 2021 11:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 794638

Ion Ratio Lower Upper

63 100

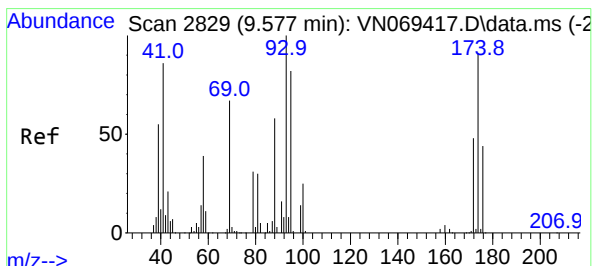
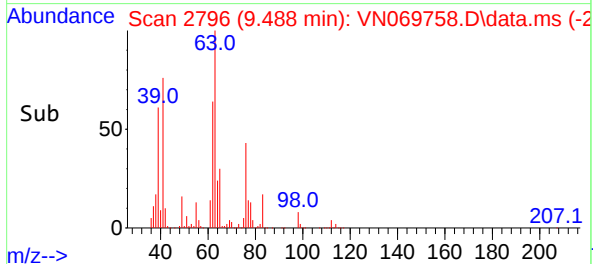
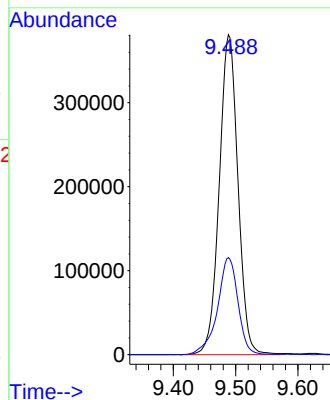
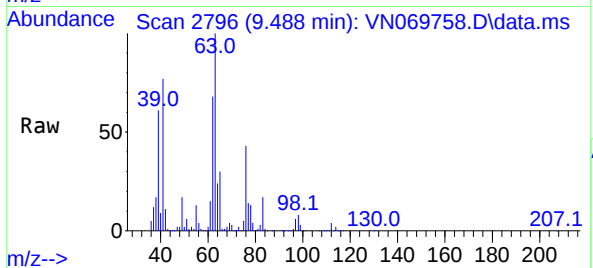
65 30.4 24.7 37.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/06/2021

Supervised By :Mahesh Dadoda 12/06/2021



#46

Dibromomethane

Concen: 55.159 ug/l

RT: 9.577 min Scan# 2829

Delta R.T. 0.000 min

Lab File: VN069758.D

Acq: 4 Dec 2021 11:35

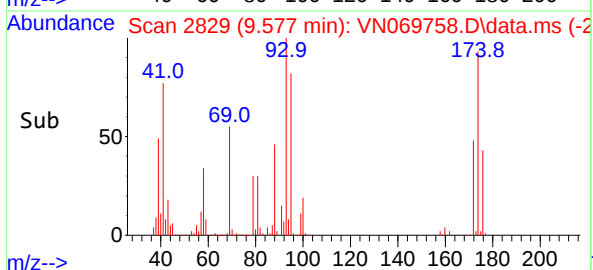
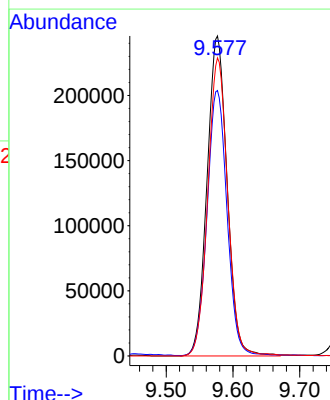
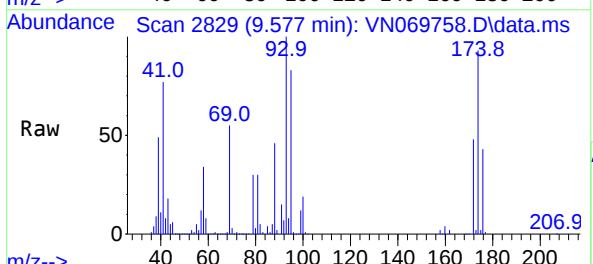
Tgt Ion: 93 Resp: 513634

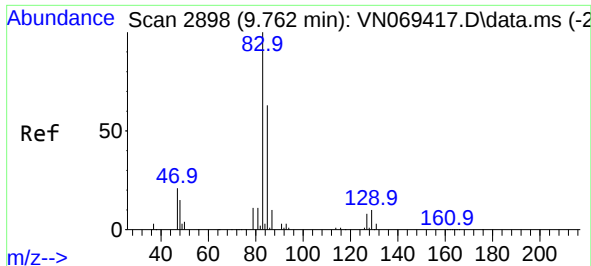
Ion Ratio Lower Upper

93 100

95 82.5 65.9 98.9

174 92.2 84.6 127.0





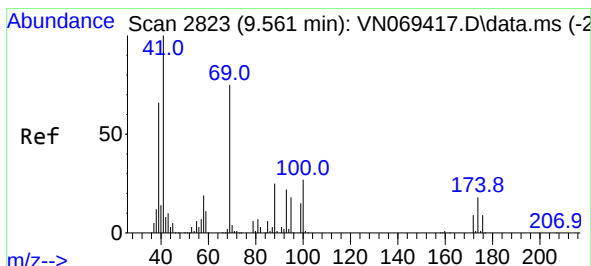
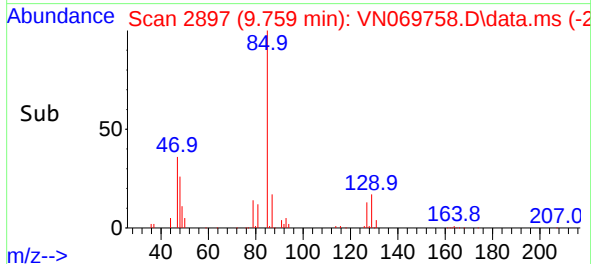
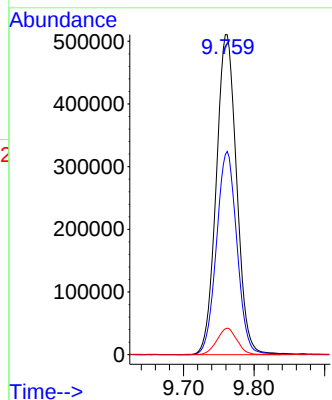
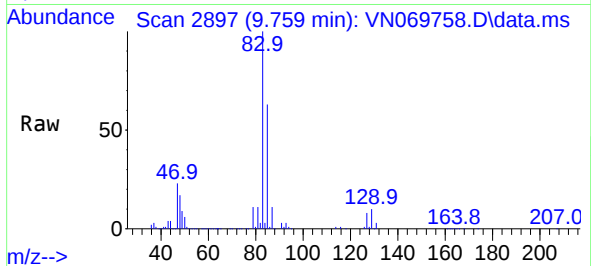
#47
Bromodichloromethane
Concen: 58.208 ug/l
RT: 9.759 min Scan# 2897
Delta R.T. -0.003 min
Lab File: VN069758.D
Acq: 4 Dec 2021 11:35

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 1026250
Ion Ratio Lower Upper
83 100
85 62.5 50.9 76.3
127 8.1 7.1 10.7

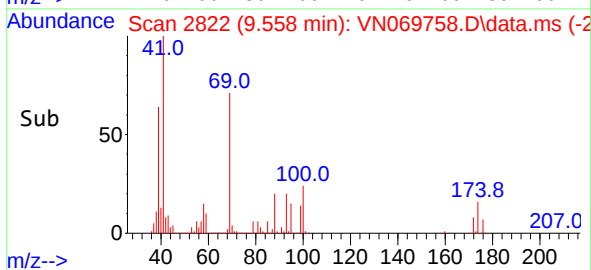
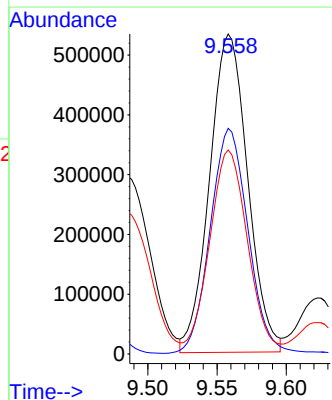
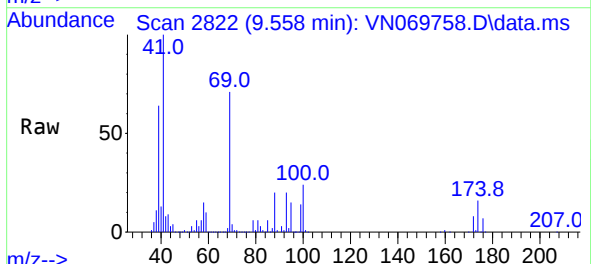
Manual Integrations
APPROVED

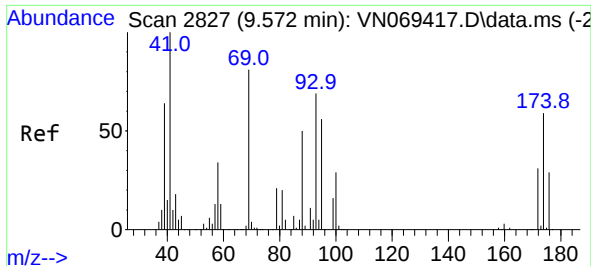
Reviewed By :John Carlone 12/06/2021
Supervised By :Mahesh Dadoda 12/06/2021



#48
Methyl methacrylate
Concen: 57.441 ug/l
RT: 9.558 min Scan# 2822
Delta R.T. -0.003 min
Lab File: VN069758.D
Acq: 4 Dec 2021 11:35

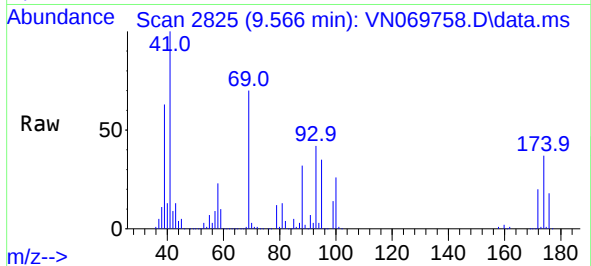
Tgt Ion: 41 Resp: 1021329
Ion Ratio Lower Upper
41 100
69 70.7 72.4 108.6#
39 58.3 58.4 87.6#





#49
1,4-Dioxane
Concen: 932.715 ug/l
RT: 9.566 min Scan# 2827
Delta R.T. -0.005 min
Lab File: VN069758.D
Acq: 4 Dec 2021 11:35

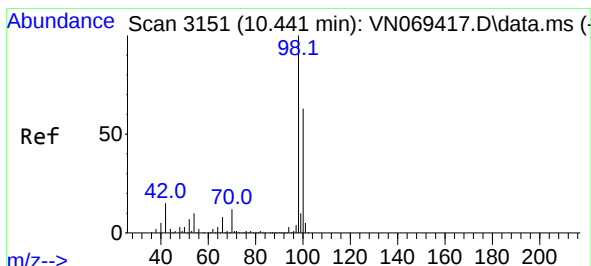
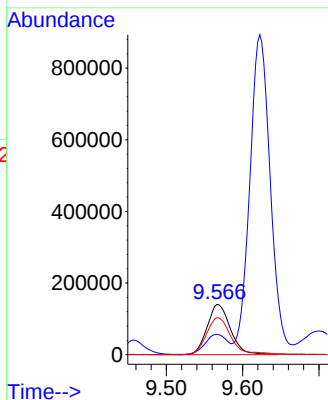
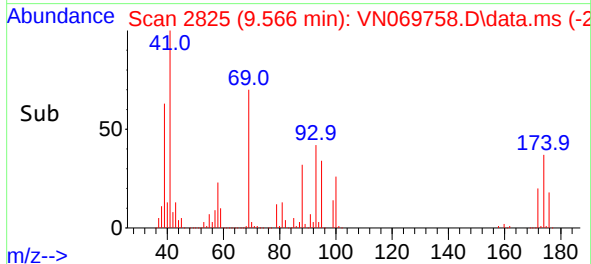
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 88 Resp: 29756
Ion Ratio Lower Upper
88 100
43 37.4 23.4 35.2
58 78.6 50.6 75.8

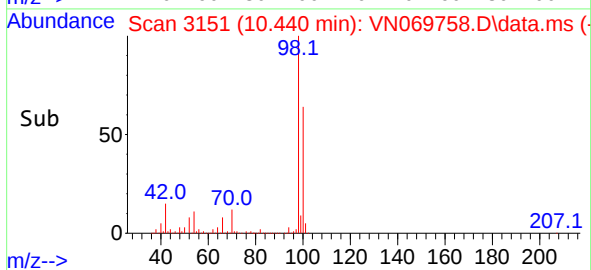
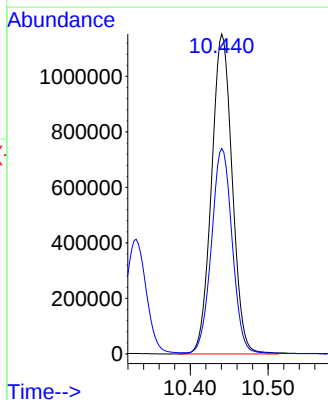
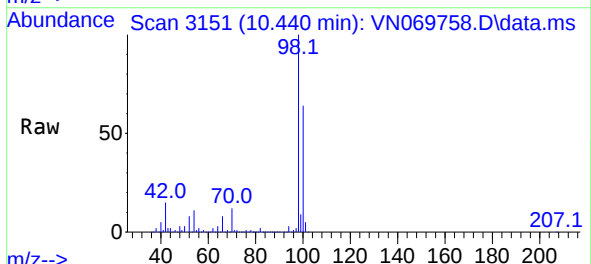
Manual Integrations
APPROVED

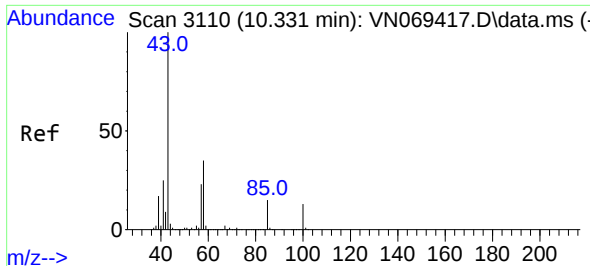
Reviewed By :John Carlone 12/06/2021
Supervised By :Mahesh Dadoda 12/06/2021



#50
Toluene-d8
Concen: 46.562 ug/l
RT: 10.440 min Scan# 3151
Delta R.T. -0.003 min
Lab File: VN069758.D
Acq: 4 Dec 2021 11:35

Tgt Ion: 98 Resp: 2127951
Ion Ratio Lower Upper
98 100
100 64.4 50.4 75.6





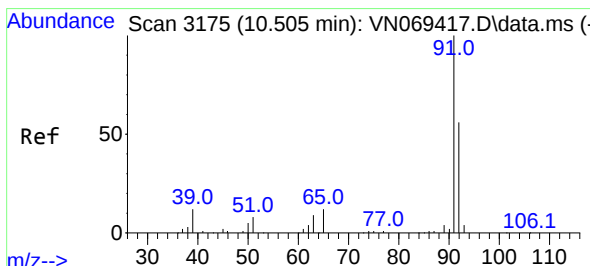
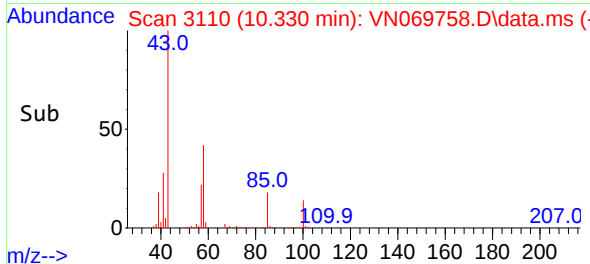
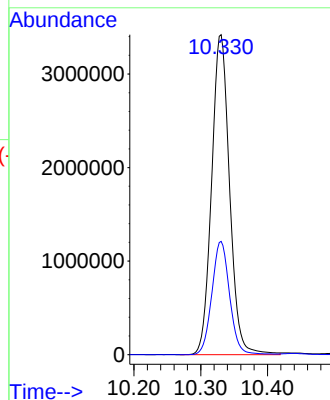
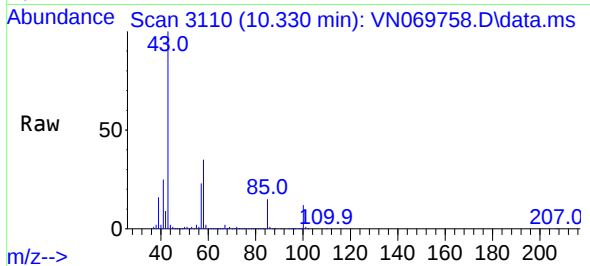
#51
4-Methyl-2-Pentanone
Concen: 258.669 ug/l
RT: 10.330 min Scan# 3110
Delta R.T. -0.003 min
Lab File: VN069758.D
Acq: 4 Dec 2021 11:35

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 6393370
Ion Ratio Lower Upper
43 100
58 35.1 30.4 45.6

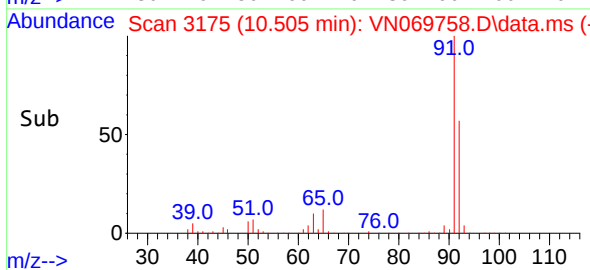
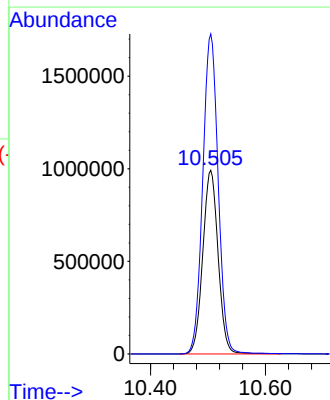
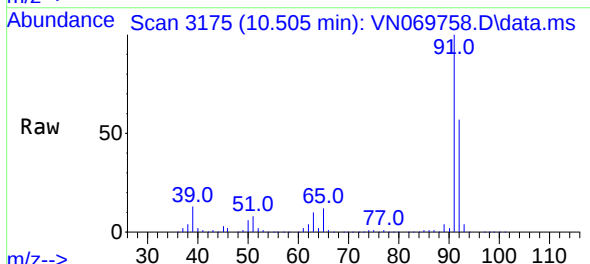
Manual Integrations
APPROVED

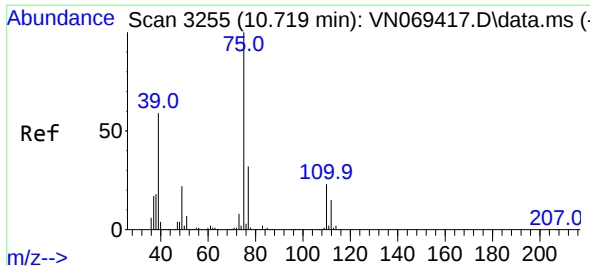
Reviewed By :John Carlone 12/06/2021
Supervised By :Mahesh Dadoda 12/06/2021



#52
Toluene
Concen: 56.783 ug/l
RT: 10.505 min Scan# 3175
Delta R.T. -0.003 min
Lab File: VN069758.D
Acq: 4 Dec 2021 11:35

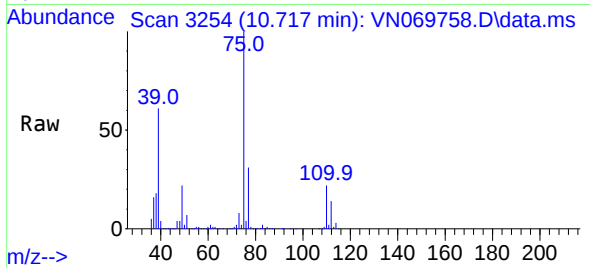
Tgt Ion: 92 Resp: 1832964
Ion Ratio Lower Upper
92 100
91 175.9 142.0 213.0





#53
t-1,3-Dichloropropene
Concen: 53.565 ug/l
RT: 10.717 min Scan# 31
Delta R.T. -0.002 min
Lab File: VN069758.D
Acq: 4 Dec 2021 11:35

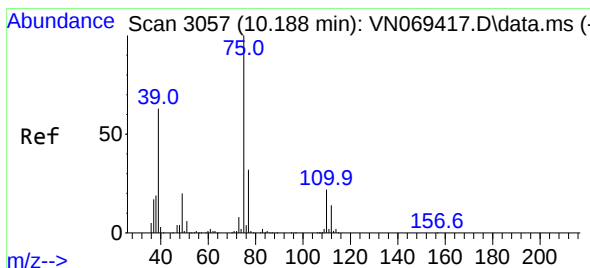
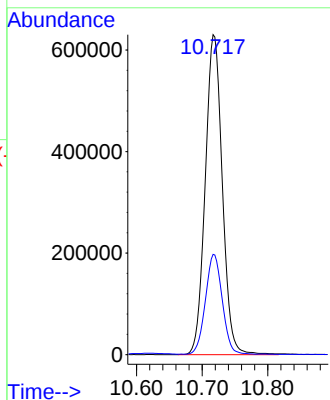
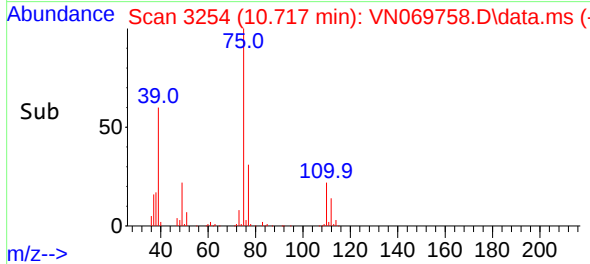
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



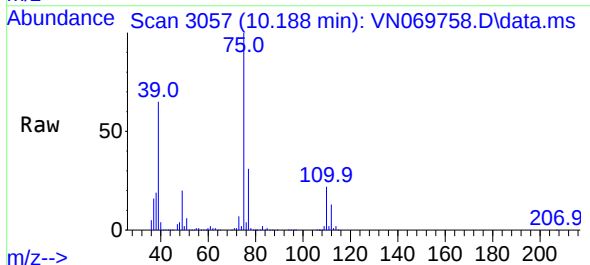
Tgt Ion: 75 Resp: 1140500
Ion Ratio Lower Upper
75 100
77 31.3 25.6 38.4

Manual Integrations
APPROVED

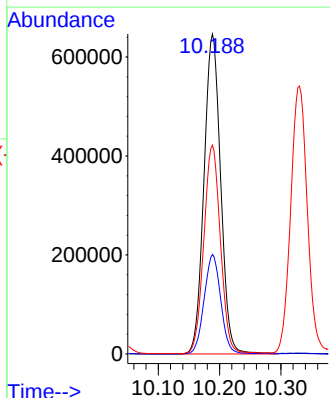
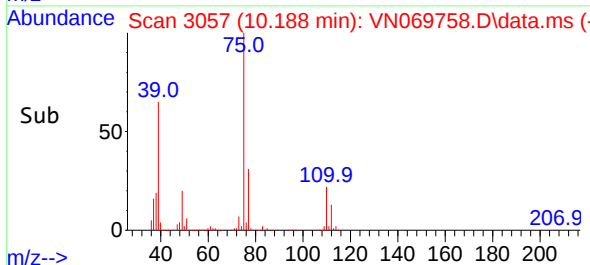
Reviewed By :John Carlone 12/06/2021
Supervised By :Mahesh Dadoda 12/06/2021

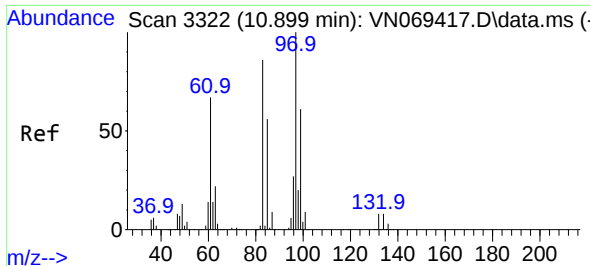


#54
cis-1,3-Dichloropropene
Concen: 54.792 ug/l
RT: 10.188 min Scan# 3057
Delta R.T. -0.003 min
Lab File: VN069758.D
Acq: 4 Dec 2021 11:35



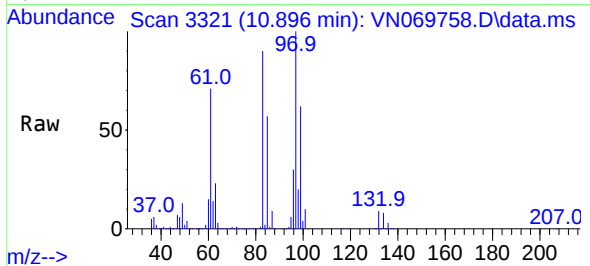
Tgt Ion: 75 Resp: 1223995
Ion Ratio Lower Upper
75 100
77 31.1 26.4 39.6
39 65.1 42.5 63.7#





#55
1,1,2-Trichloroethane
Concen: 55.208 ug/l
RT: 10.896 min Scan# 31
Delta R.T. -0.003 min
Lab File: VN069758.D
Acq: 4 Dec 2021 11:35

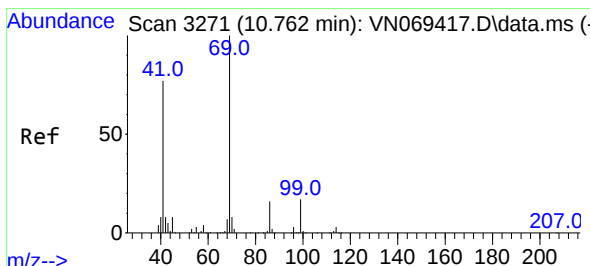
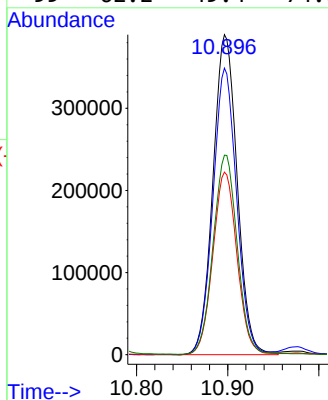
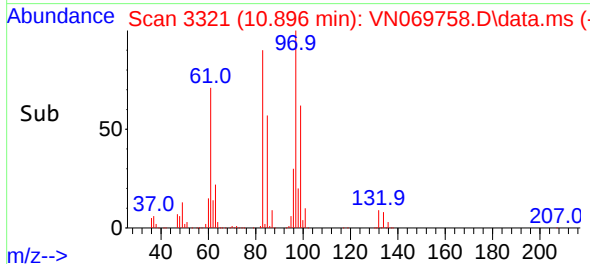
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



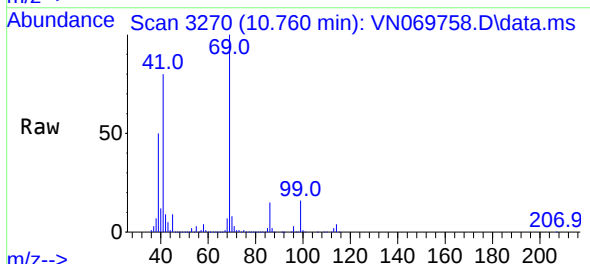
Tgt Ion: 97 Resp: 71904
Ion Ratio Lower Upper
97 100
83 89.5 67.8 101.6
85 57.1 45.4 68.2
99 62.2 49.4 74.0

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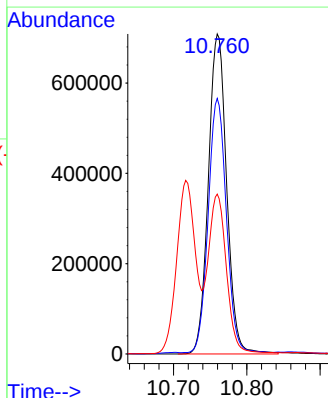
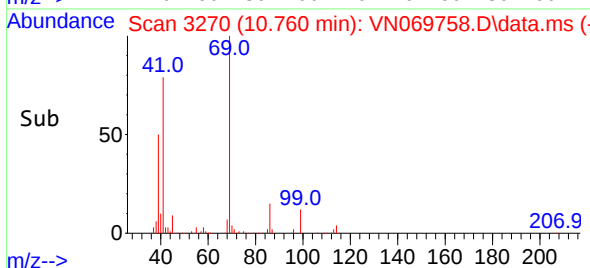
Reviewed By :John Carlone 12/06/2021
Supervised By :Mahesh Dadoda 12/06/2021



#56
Ethyl methacrylate
Concen: 50.194 ug/l
RT: 10.760 min Scan# 3270
Delta R.T. -0.002 min
Lab File: VN069758.D
Acq: 4 Dec 2021 11:35



Tgt Ion: 69 Resp: 1233748
Ion Ratio Lower Upper
69 100
41 78.6 51.4 77.0#
39 47.8 34.6 52.0





#57

1,3-Dichloropropane

Concen: 55.402 ug/l

RT: 11.044 min Scan# 31

Delta R.T. -0.003 min

Lab File: VN069758.D

Acq: 4 Dec 2021 11:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 1270540

Ion Ratio Lower Upper

76 100

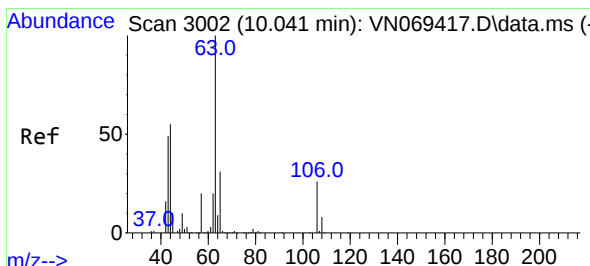
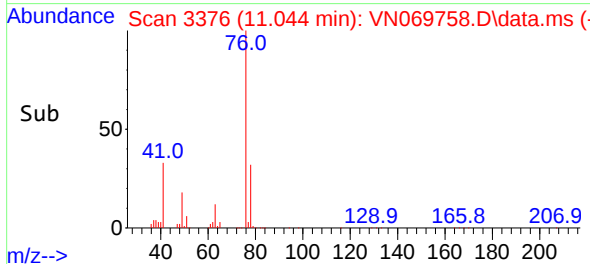
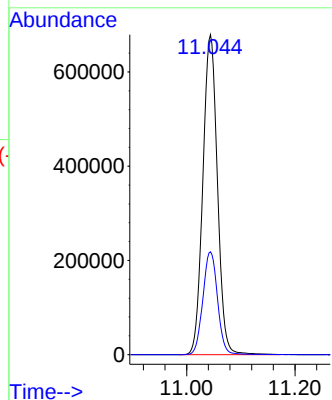
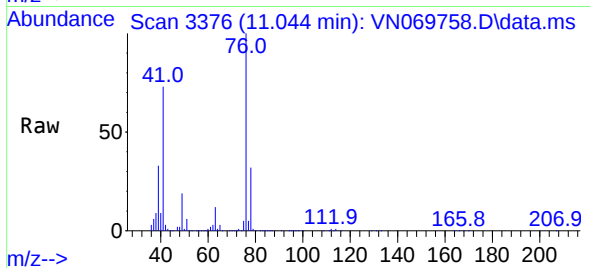
78 32.4 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/06/2021

Supervised By :Mahesh Dadoda 12/06/2021



#58

2-Chloroethyl Vinyl ether

Concen: 234.351 ug/l

RT: 10.041 min Scan# 3002

Delta R.T. -0.002 min

Lab File: VN069758.D

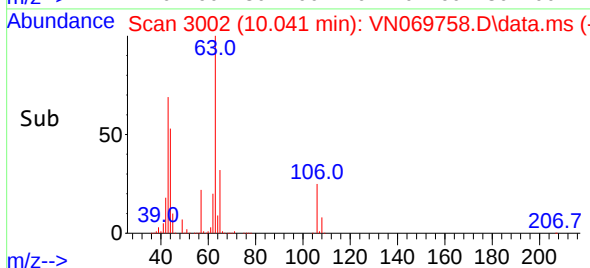
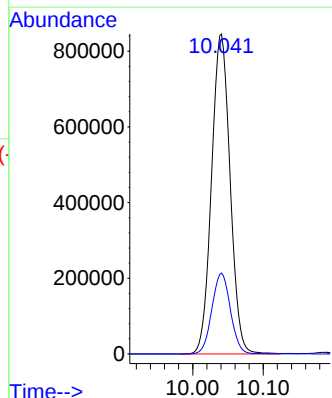
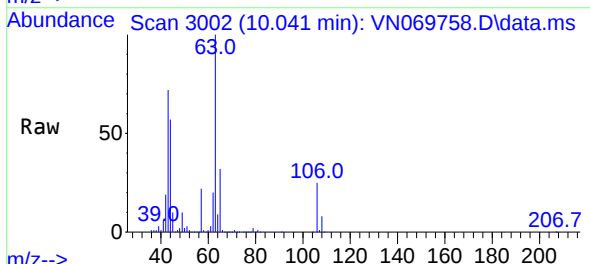
Acq: 4 Dec 2021 11:35

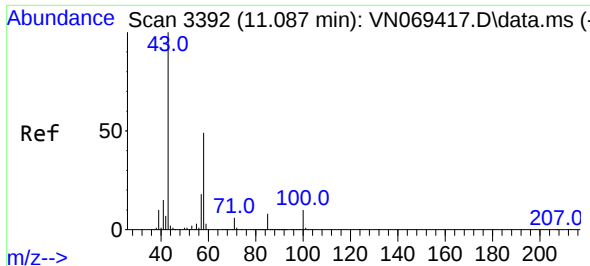
Tgt Ion: 63 Resp: 1547001

Ion Ratio Lower Upper

63 100

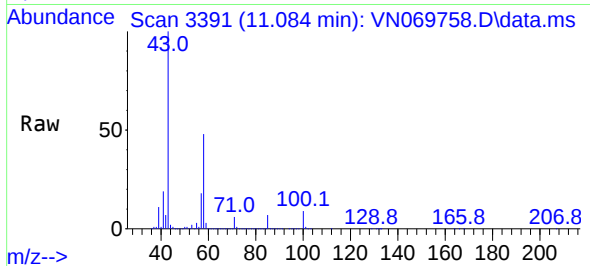
106 25.2 23.9 35.9





#59
2-Hexanone
Concen: 263.488 ug/l
RT: 11.084 min Scan# 3391
Delta R.T. -0.003 min
Lab File: VN069758.D
Acq: 4 Dec 2021 11:35

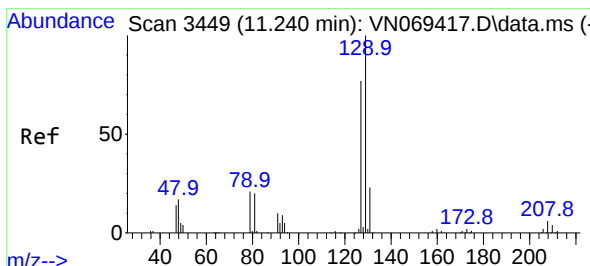
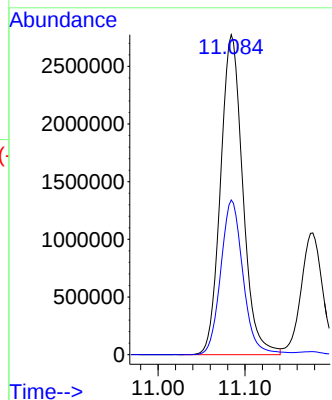
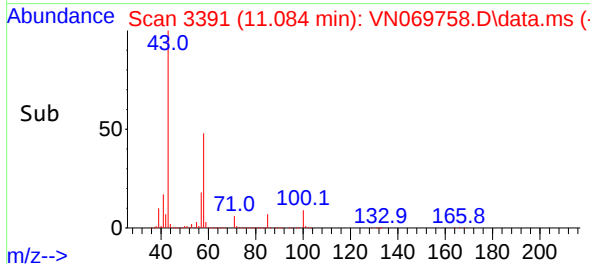
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 4926490
Ion Ratio Lower Upper
43 100
58 48.5 26.9 80.7

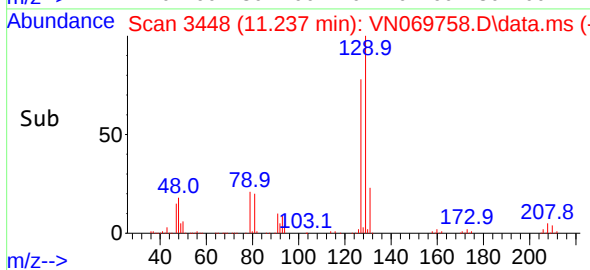
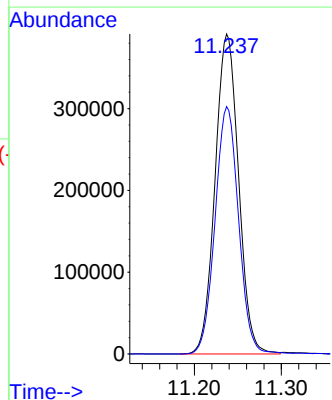
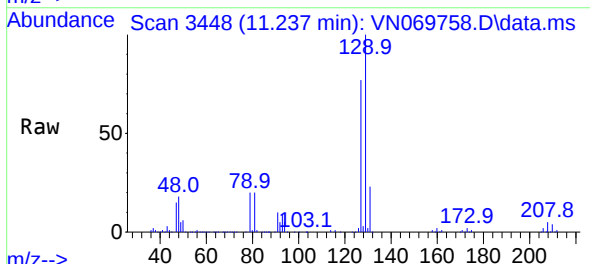
Manual Integrations
APPROVED

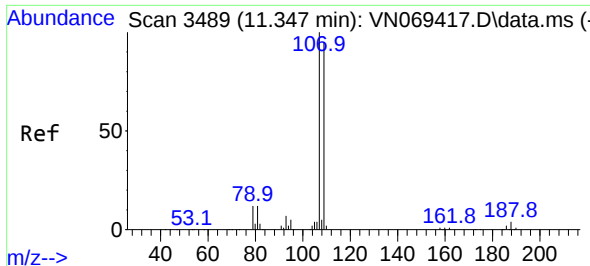
Reviewed By :John Carlone 12/06/2021
Supervised By :Mahesh Dadoda 12/06/2021



#60
Dibromochloromethane
Concen: 52.516 ug/l
RT: 11.237 min Scan# 3448
Delta R.T. -0.003 min
Lab File: VN069758.D
Acq: 4 Dec 2021 11:35

Tgt Ion:129 Resp: 734615
Ion Ratio Lower Upper
129 100
127 77.3 38.6 116.0





#61
1,2-Dibromoethane
Concen: 55.106 ug/l
RT: 11.344 min Scan# 3489
Delta R.T. -0.003 min
Lab File: VN069758.D
Acq: 4 Dec 2021 11:35

Instrument :

MSVOA_N

ClientSampleId :

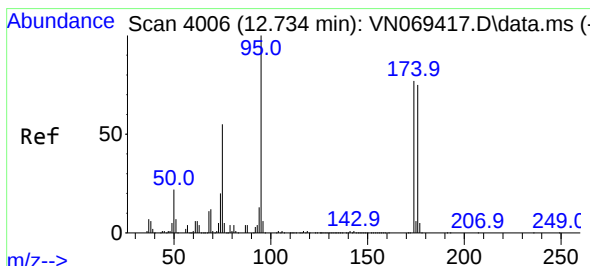
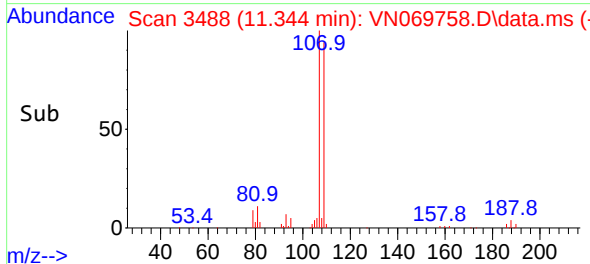
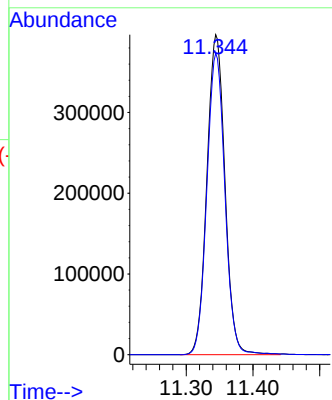
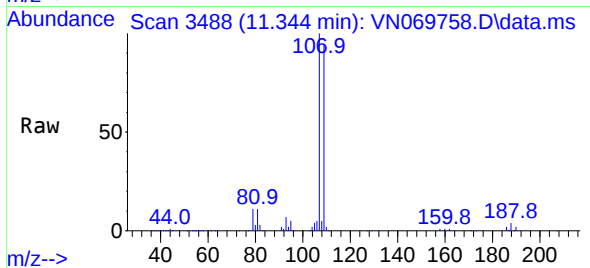
VSTDCCC050

Tgt Ion:107 Resp: 743392
Ion Ratio Lower Upper
107 100
109 94.0 75.7 113.5

Manual Integrations

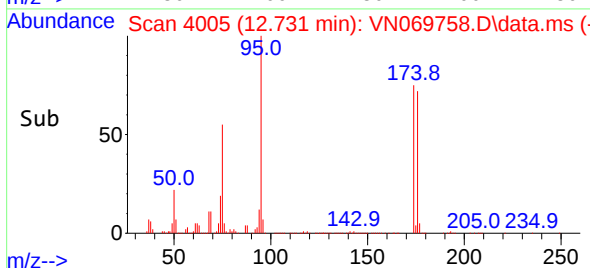
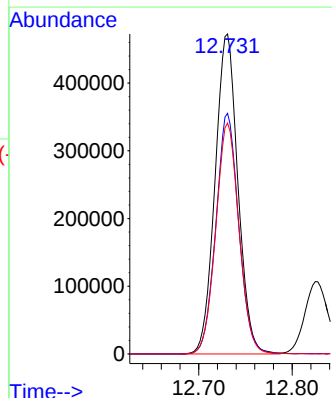
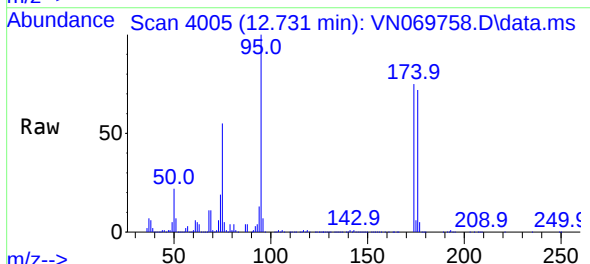
APPROVED

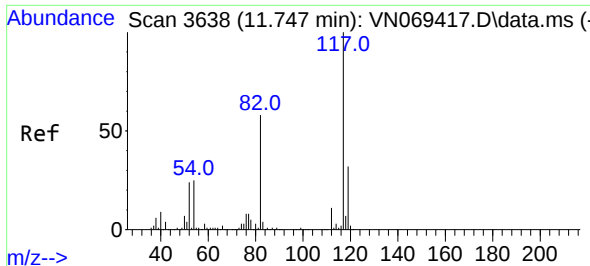
Reviewed By :John Carlone 12/06/2021
Supervised By :Mahesh Dadoda 12/06/2021



#62
4-Bromofluorobenzene
Concen: 48.587 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN069758.D
Acq: 4 Dec 2021 11:35

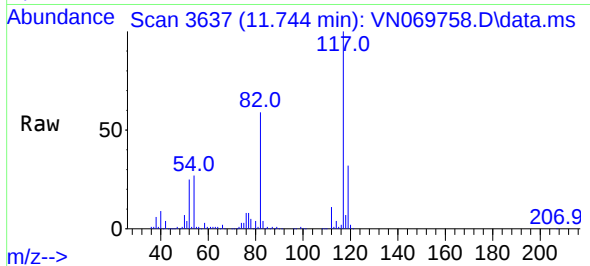
Tgt Ion: 95 Resp: 804442
Ion Ratio Lower Upper
95 100
174 75.3 0.0 187.2
176 73.0 0.0 181.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3638
Delta R.T. -0.002 min
Lab File: VN069758.D
Acq: 4 Dec 2021 11:35

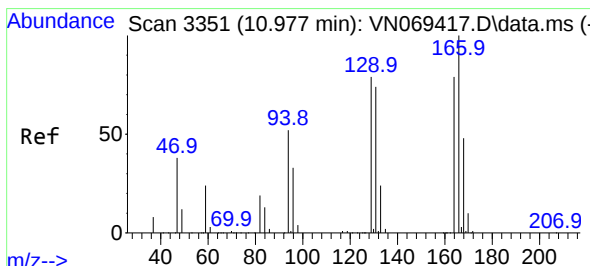
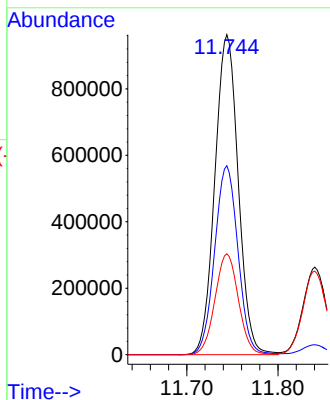
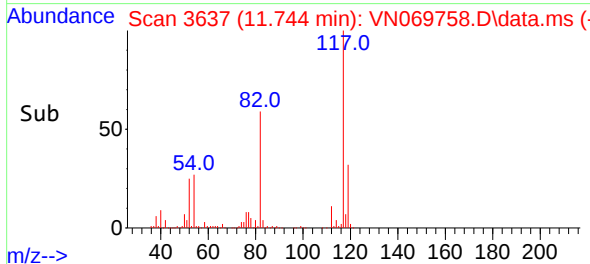
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



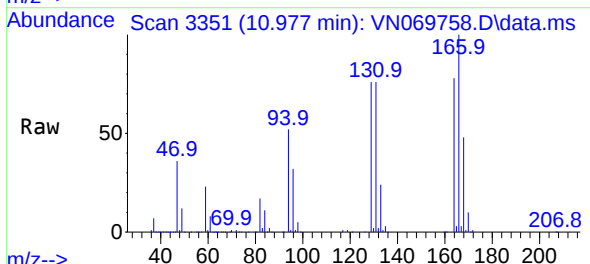
Tgt Ion:117 Resp: 171563
Ion Ratio Lower Upper
117 100
82 59.0 42.4 63.6
119 31.5 25.4 38.2

Manual Integrations
APPROVED

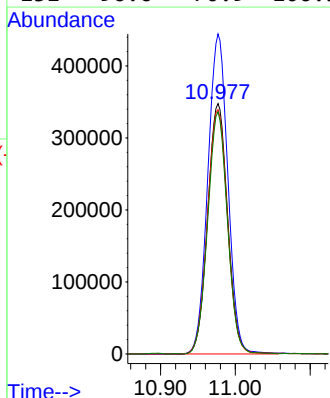
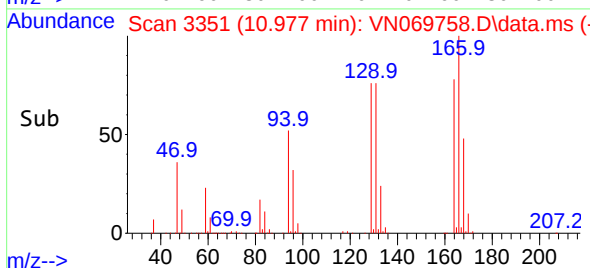
Reviewed By :John Carlone 12/06/2021
Supervised By :Mahesh Dadoda 12/06/2021



#64
Tetrachloroethene
Concen: 55.710 ug/l
RT: 10.977 min Scan# 3351
Delta R.T. -0.002 min
Lab File: VN069758.D
Acq: 4 Dec 2021 11:35



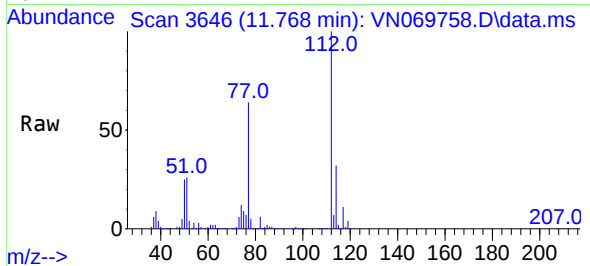
Tgt Ion:164 Resp: 648086
Ion Ratio Lower Upper
164 100
166 127.8 101.9 152.9
129 97.6 72.0 108.0
131 96.6 70.9 106.3





#65
Chlorobenzene
Concen: 55.970 ug/l
RT: 11.768 min Scan# 3646
Delta R.T. -0.003 min
Lab File: VN069758.D
Acq: 4 Dec 2021 11:35

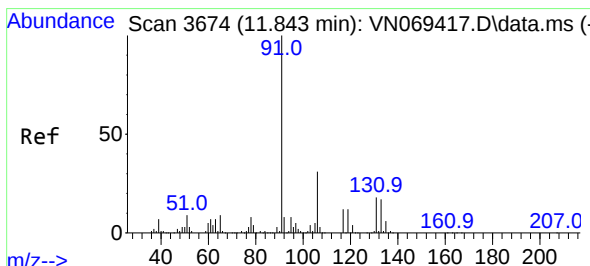
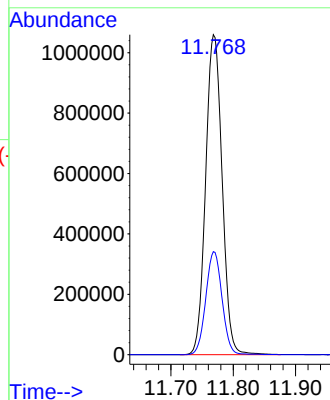
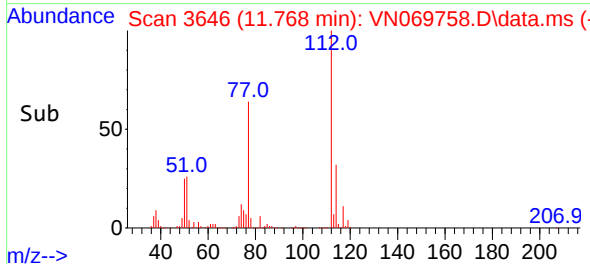
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



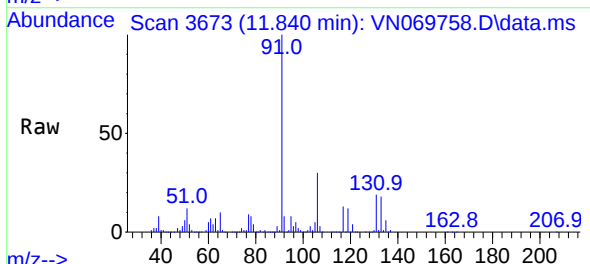
Tgt Ion:112 Resp: 194805
Ion Ratio Lower Upper
112 100
114 32.2 25.4 38.0

Manual Integrations
APPROVED

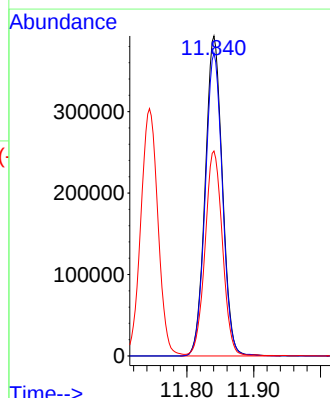
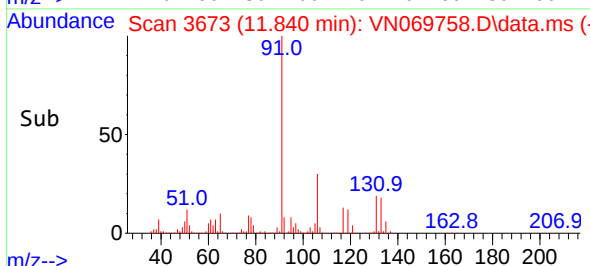
Reviewed By :John Carlone 12/06/2021
Supervised By :Mahesh Dadoda 12/06/2021

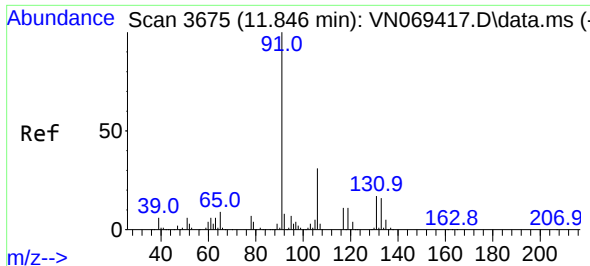


#66
1,1,1,2-Tetrachloroethane
Concen: 57.233 ug/l
RT: 11.840 min Scan# 3673
Delta R.T. -0.003 min
Lab File: VN069758.D
Acq: 4 Dec 2021 11:35



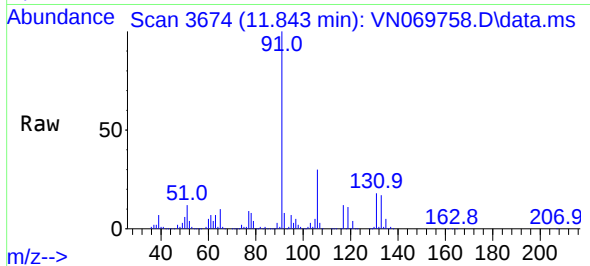
Tgt Ion:131 Resp: 701124
Ion Ratio Lower Upper
131 100
133 94.7 47.9 143.7
119 64.3 32.1 96.5





#67
Ethyl Benzene
Concen: 58.219 ug/l
RT: 11.843 min Scan# 3675
Delta R.T. -0.003 min
Lab File: VN069758.D
Acq: 4 Dec 2021 11:35

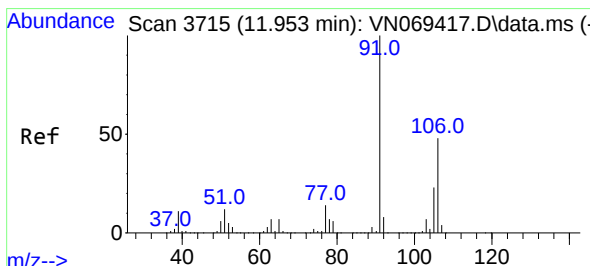
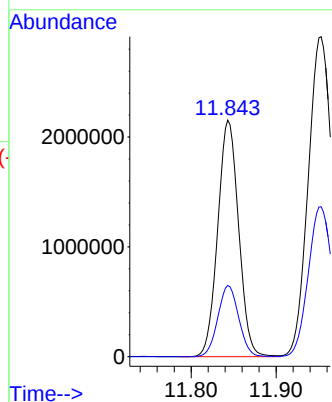
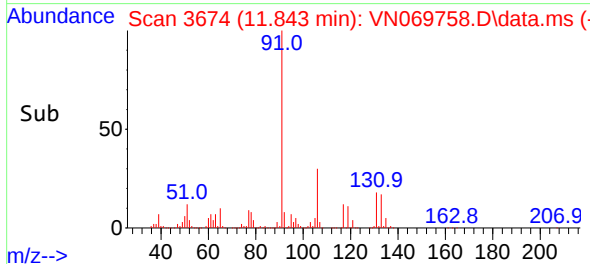
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



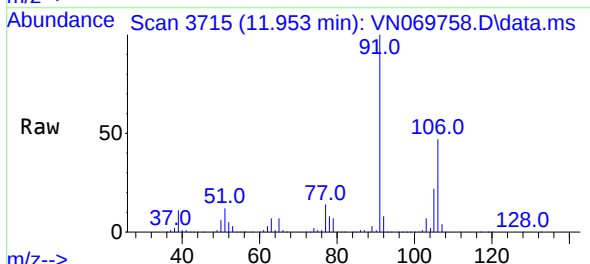
Tgt Ion: 91 Resp: 3680752
Ion Ratio Lower Upper
91 100
106 30.1 25.7 38.5

Manual Integrations
APPROVED

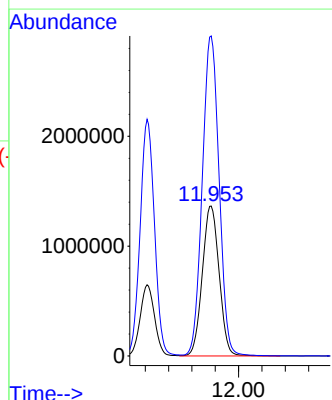
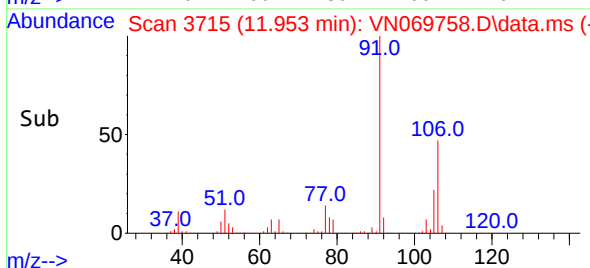
Reviewed By :John Carlone 12/06/2021
Supervised By :Mahesh Dadoda 12/06/2021

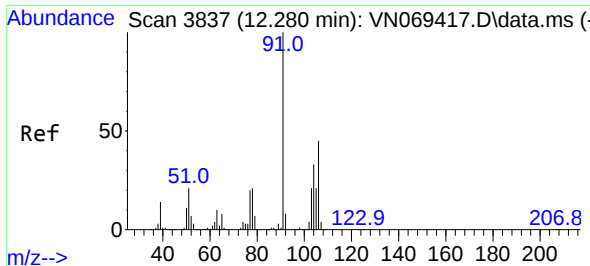


#68
m/p-Xylenes
Concen: 118.394 ug/l
RT: 11.953 min Scan# 3715
Delta R.T. 0.000 min
Lab File: VN069758.D
Acq: 4 Dec 2021 11:35



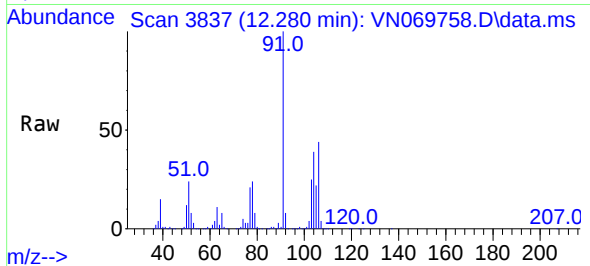
Tgt Ion:106 Resp: 2725413
Ion Ratio Lower Upper
106 100
91 213.5 160.6 240.8





#69
o-Xylene
Concen: 58.295 ug/l
RT: 12.280 min Scan# 3837
Delta R.T. -0.003 min
Lab File: VN069758.D
Acq: 4 Dec 2021 11:35

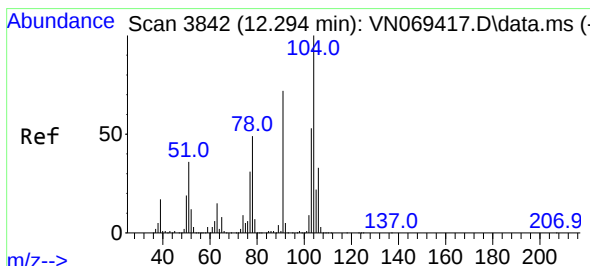
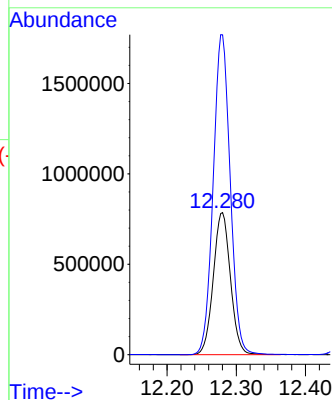
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:106 Resp: 135170
Ion Ratio Lower Upper
106 100
91 223.4 105.8 317.3

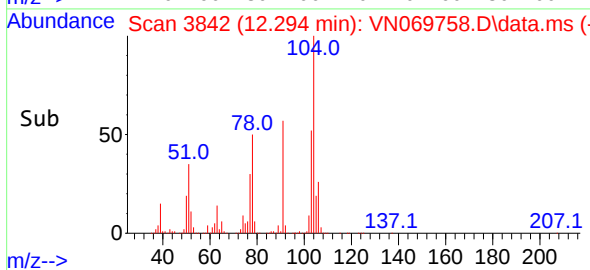
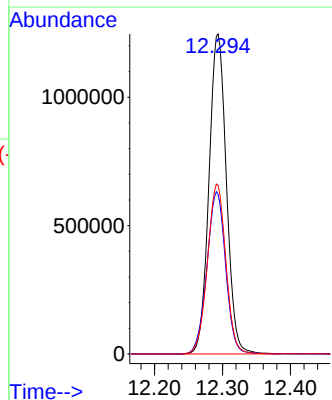
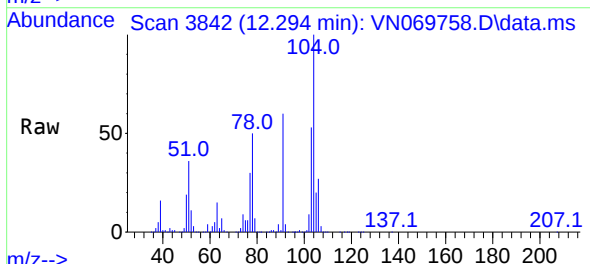
Manual Integrations
APPROVED

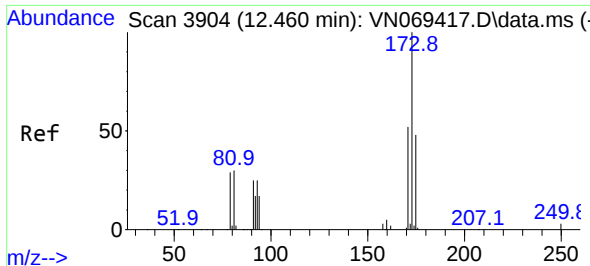
Reviewed By :John Carlone 12/06/2021
Supervised By :Mahesh Dadoda 12/06/2021



#70
Styrene
Concen: 60.432 ug/l
RT: 12.294 min Scan# 3842
Delta R.T. -0.000 min
Lab File: VN069758.D
Acq: 4 Dec 2021 11:35

Tgt Ion:104 Resp: 2221957
Ion Ratio Lower Upper
104 100
78 54.4 38.7 58.1
103 56.1 45.0 67.6





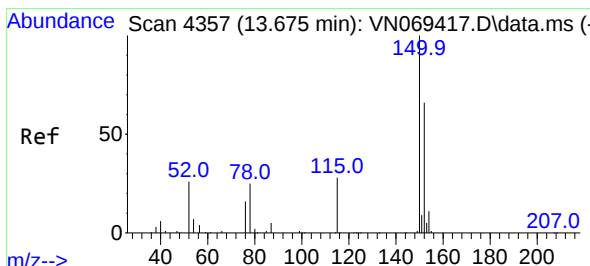
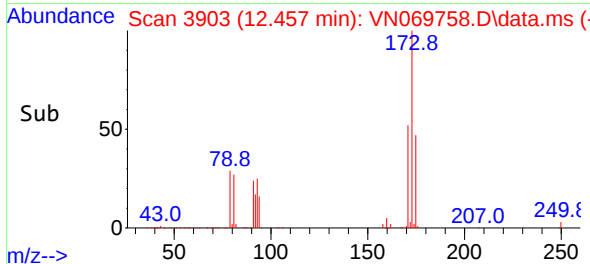
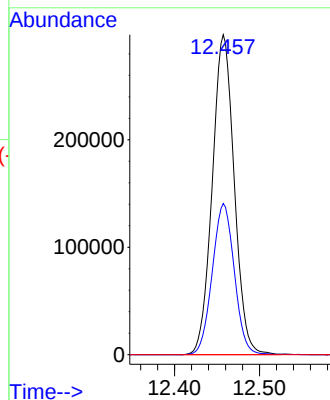
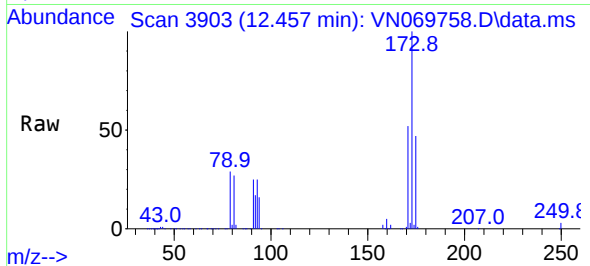
#71
Bromoform
Concen: 51.026 ug/l
RT: 12.457 min Scan# 3903
Delta R.T. -0.003 min
Lab File: VN069758.D
Acq: 4 Dec 2021 11:35

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:173 Resp: 53525
Ion Ratio Lower Upper
173 100
175 47.4 24.2 72.6
254 0.0 0.0 0.0

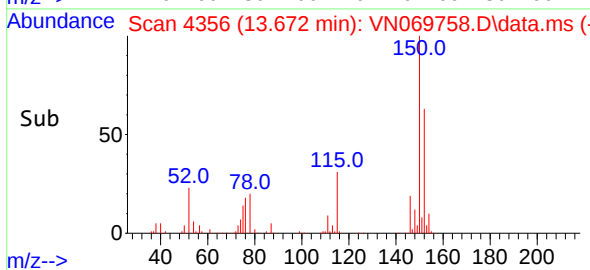
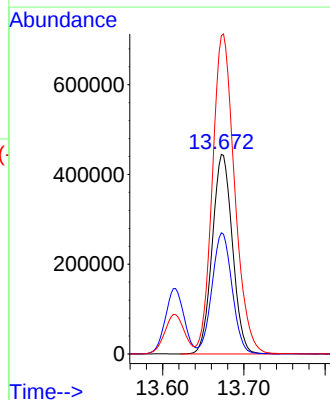
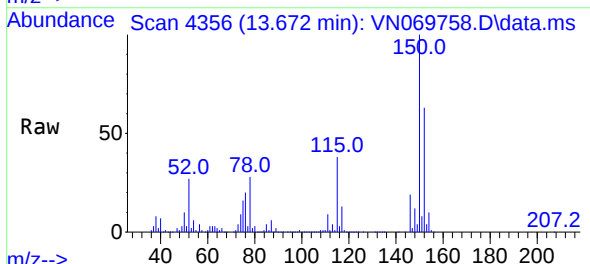
Manual Integrations
APPROVED

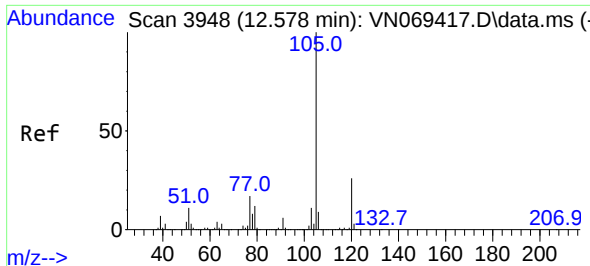
Reviewed By :John Carlone 12/06/2021
Supervised By :Mahesh Dadoda 12/06/2021



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.672 min Scan# 4356
Delta R.T. -0.005 min
Lab File: VN069758.D
Acq: 4 Dec 2021 11:35

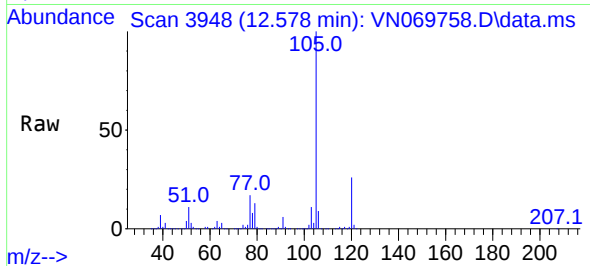
Tgt Ion:152 Resp: 767687
Ion Ratio Lower Upper
152 100
115 60.3 27.5 82.5
150 176.1 0.0 344.4





#73
Isopropylbenzene
Concen: 52.860 ug/l
RT: 12.578 min Scan# 3948
Delta R.T. -0.003 min
Lab File: VN069758.D
Acq: 4 Dec 2021 11:35

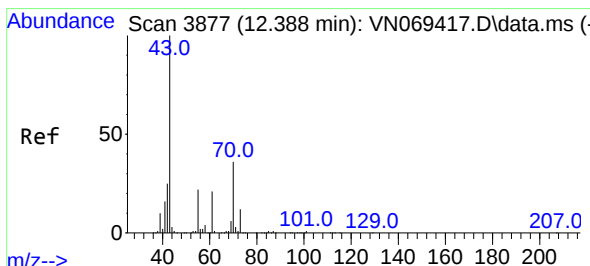
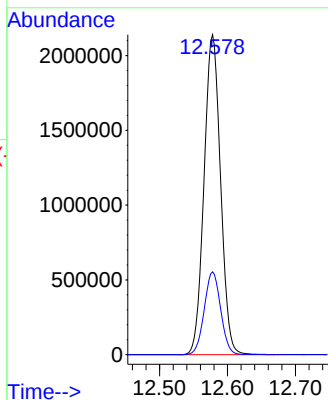
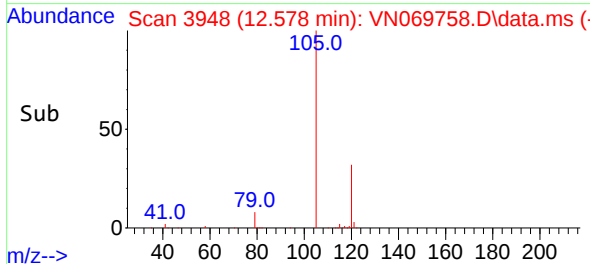
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



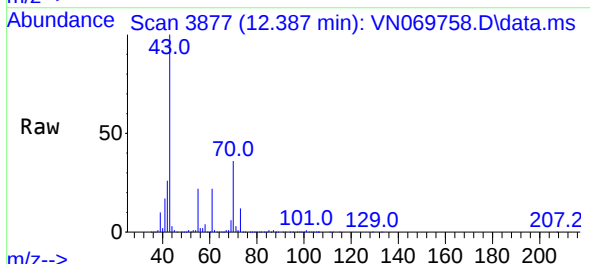
Tgt Ion:105 Resp: 3610508
Ion Ratio Lower Upper
105 100
120 25.8 13.4 40.1

Manual Integrations
APPROVED

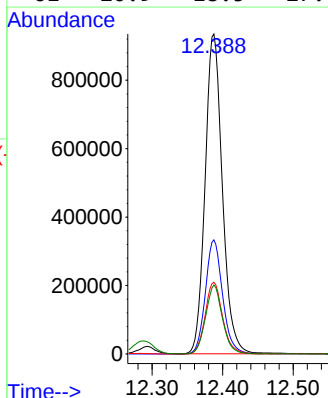
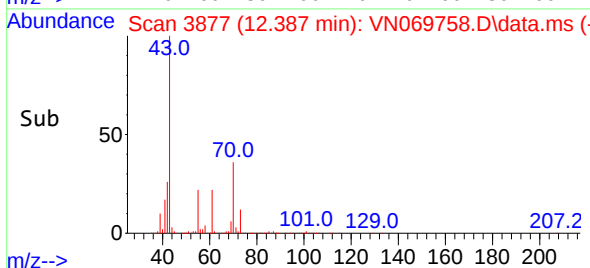
Reviewed By :John Carlone 12/06/2021
Supervised By :Mahesh Dadoda 12/06/2021

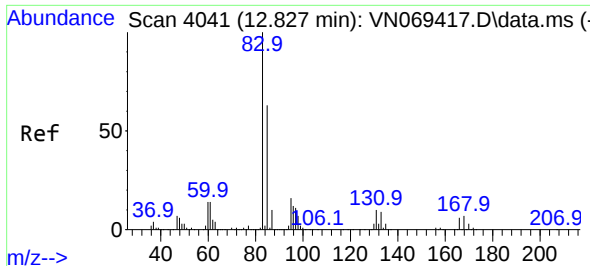


#74
N-ethyl acetate
Concen: 52.645 ug/l
RT: 12.387 min Scan# 3877
Delta R.T. 0.000 min
Lab File: VN069758.D
Acq: 4 Dec 2021 11:35



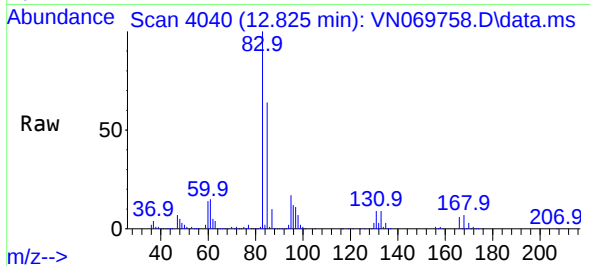
Tgt Ion: 43 Resp: 1590190
Ion Ratio Lower Upper
43 100
70 35.5 33.4 50.0
55 22.7 19.3 28.9
61 20.9 18.5 27.7





#75
1,1,2,2-Tetrachloroethane
Concen: 47.336 ug/l
RT: 12.825 min Scan# 4041
Delta R.T. -0.003 min
Lab File: VN069758.D
Acq: 4 Dec 2021 11:35

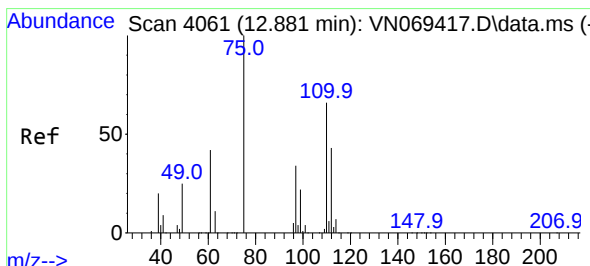
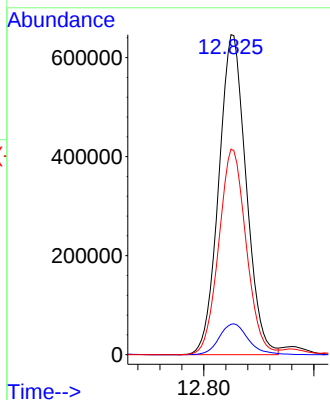
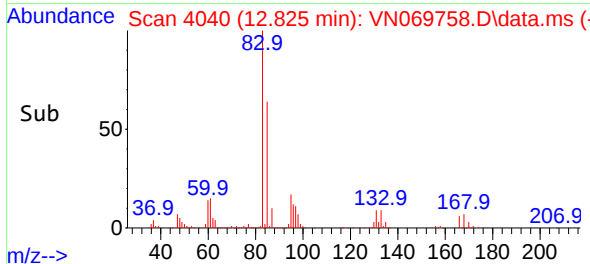
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



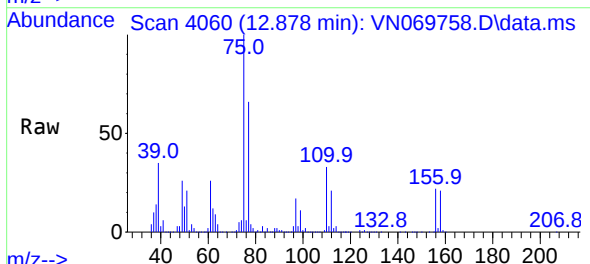
Tgt Ion: 83 Resp: 111803
Ion Ratio Lower Upper
83 100
131 10.2 5.5 16.5
85 64.2 32.4 97.2

Manual Integrations
APPROVED

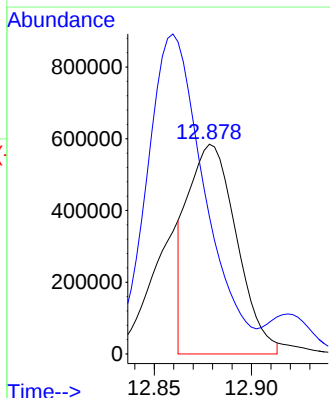
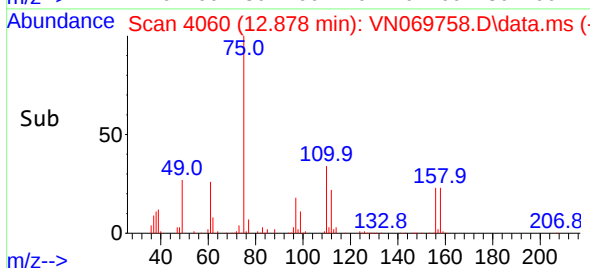
Reviewed By :John Carlone 12/06/2021
Supervised By :Mahesh Dadoda 12/06/2021

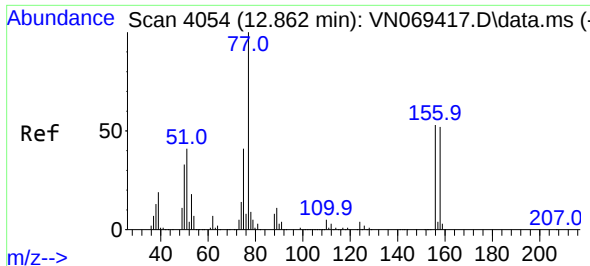


#76
1,2,3-Trichloropropane
Concen: 46.139 ug/l m
RT: 12.878 min Scan# 4060
Delta R.T. -0.003 min
Lab File: VN069758.D
Acq: 4 Dec 2021 11:35



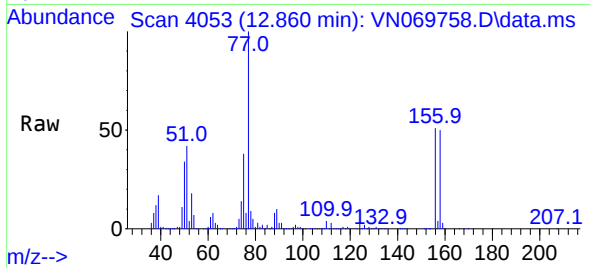
Tgt Ion: 75 Resp: 1015775
Ion Ratio Lower Upper
75 100
77 181.4 82.6 247.8





#77
Bromobenzene
Concen: 50.900 ug/l
RT: 12.860 min Scan# 4054
Delta R.T. -0.003 min
Lab File: VN069758.D
Acq: 4 Dec 2021 11:35

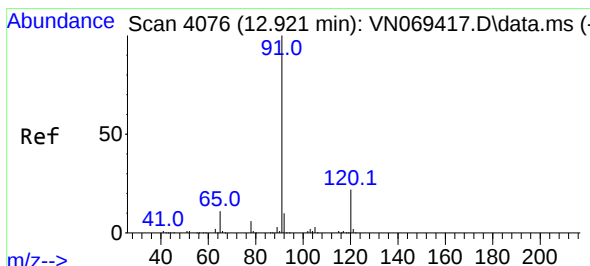
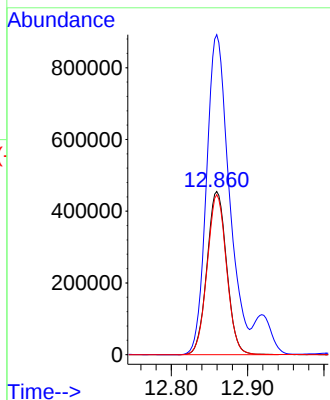
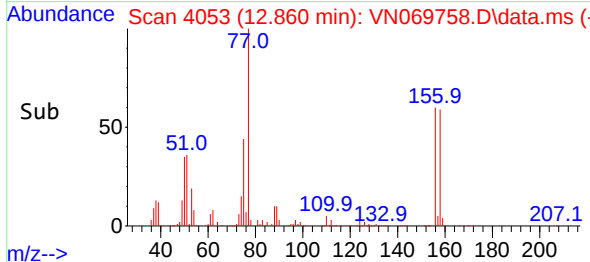
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



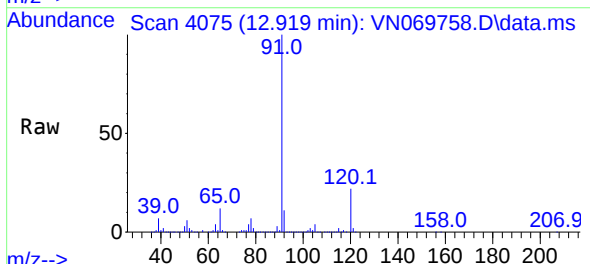
Tgt Ion:156 Resp: 81661
Ion Ratio Lower Upper
156 100
77 225.6 90.6 271.8
158 96.9 48.9 146.7

Manual Integrations
APPROVED

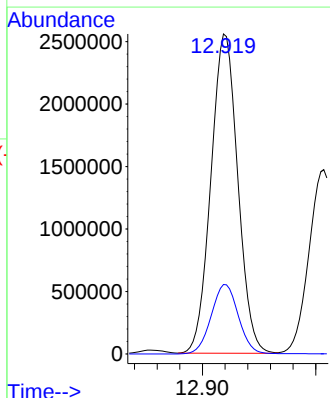
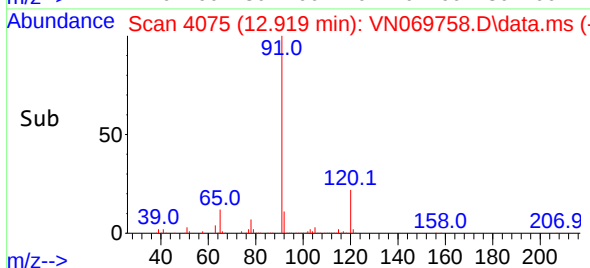
Reviewed By :John Carlone 12/06/2021
Supervised By :Mahesh Dadoda 12/06/2021

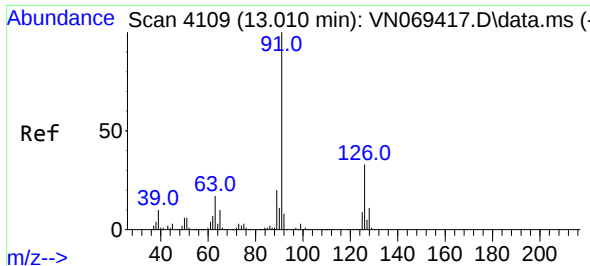


#78
n-propylbenzene
Concen: 55.356 ug/l
RT: 12.919 min Scan# 4075
Delta R.T. -0.003 min
Lab File: VN069758.D
Acq: 4 Dec 2021 11:35



Tgt Ion: 91 Resp: 4207383
Ion Ratio Lower Upper
91 100
120 22.0 11.9 35.9





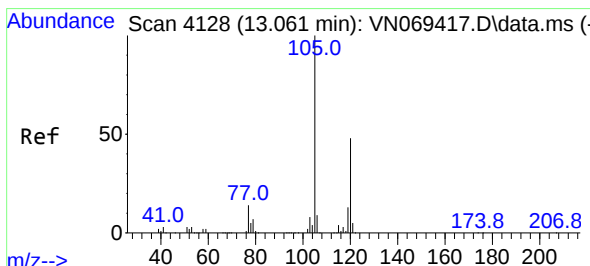
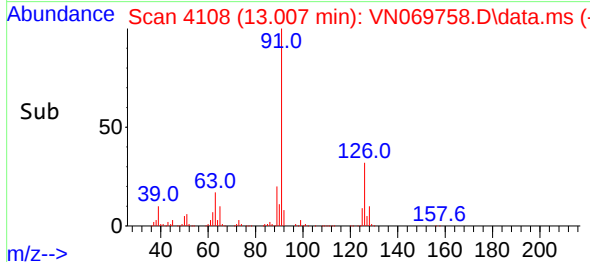
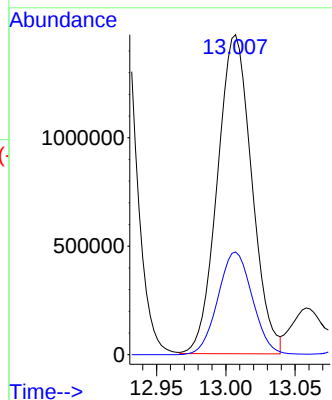
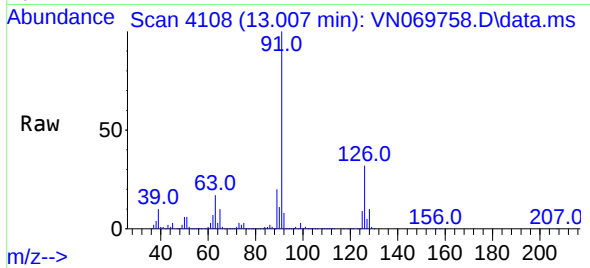
#79
2-Chlorotoluene
Concen: 52.854 ug/l
RT: 13.007 min Scan# 4109
Delta R.T. -0.003 min
Lab File: VN069758.D
Acq: 4 Dec 2021 11:35

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 253835
Ion Ratio Lower Upper
91 100
126 32.4 18.3 54.8

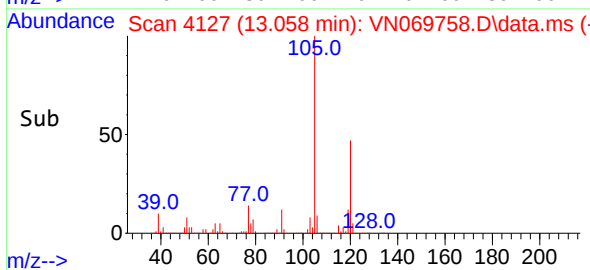
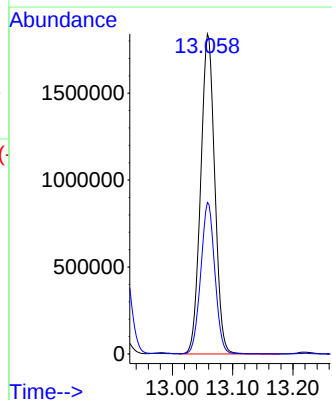
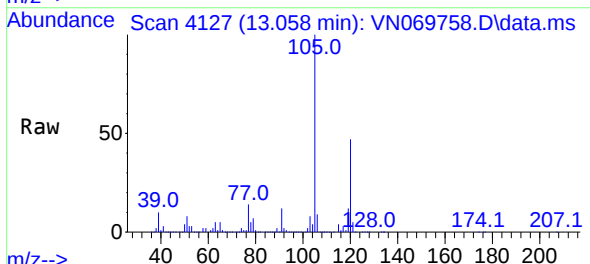
Manual Integrations
APPROVED

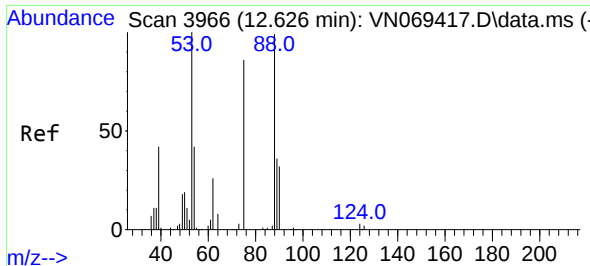
Reviewed By :John Carlone 12/06/2021
Supervised By :Mahesh Dadoda 12/06/2021



#80
1,3,5-Trimethylbenzene
Concen: 54.321 ug/l
RT: 13.058 min Scan# 4127
Delta R.T. -0.003 min
Lab File: VN069758.D
Acq: 4 Dec 2021 11:35

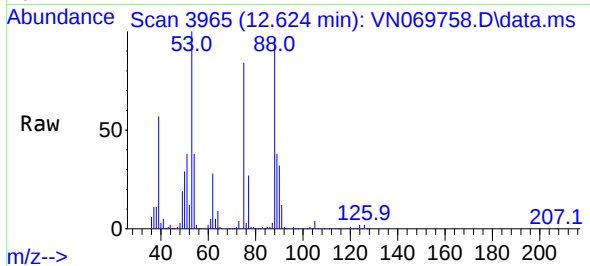
Tgt Ion:105 Resp: 2986350
Ion Ratio Lower Upper
105 100
120 47.1 24.6 73.6





#81
trans-1,4-Dichloro-2-butene
Concen: 48.421 ug/l
RT: 12.624 min Scan# 3966
Delta R.T. -0.002 min
Lab File: VN069758.D
Acq: 4 Dec 2021 11:35

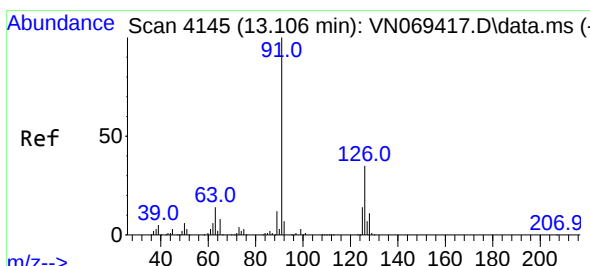
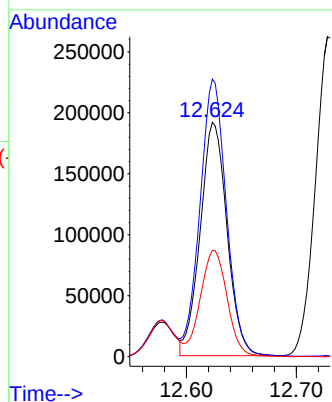
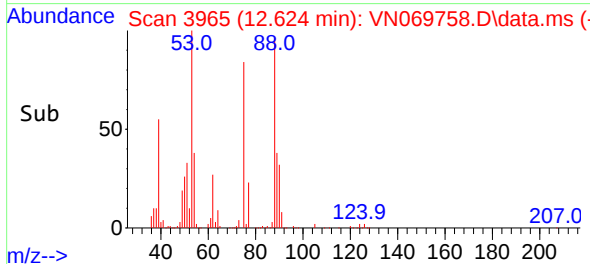
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



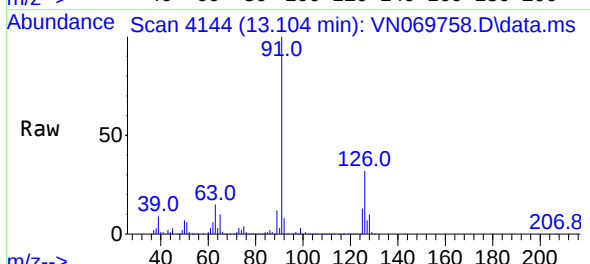
Tgt Ion: 75 Resp: 324772
Ion Ratio Lower Upper
75 100
53 117.6 90.5 135.7
89 45.8 38.2 57.4

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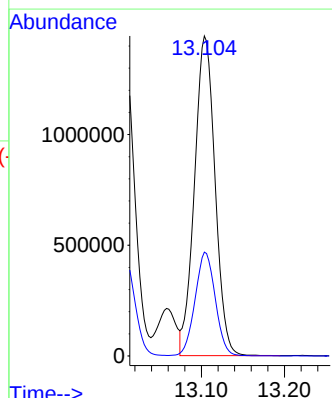
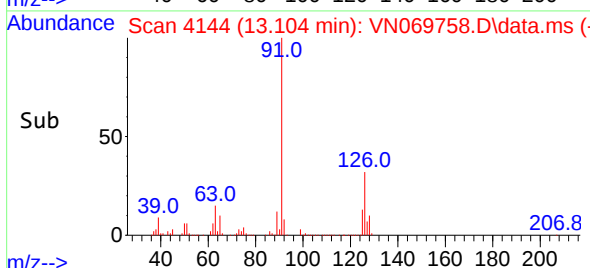
Reviewed By :John Carlone 12/06/2021
Supervised By :Mahesh Dadoda 12/06/2021



#82
4-Chlorotoluene
Concen: 54.910 ug/l
RT: 13.104 min Scan# 4144
Delta R.T. -0.003 min
Lab File: VN069758.D
Acq: 4 Dec 2021 11:35



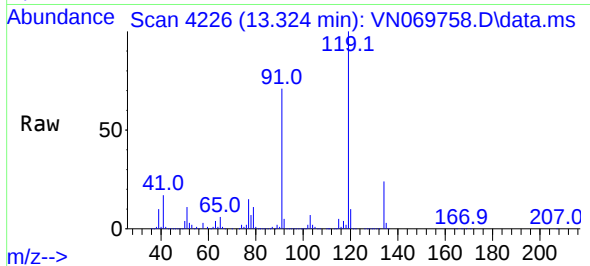
Tgt Ion: 91 Resp: 2480016
Ion Ratio Lower Upper
91 100
126 32.0 18.2 54.6





#83
tert-Butylbenzene
Concen: 52.700 ug/l
RT: 13.324 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN069758.D
Acq: 4 Dec 2021 11:35

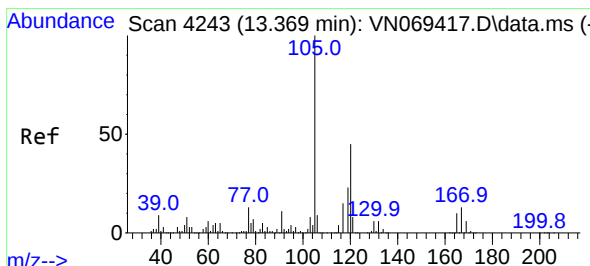
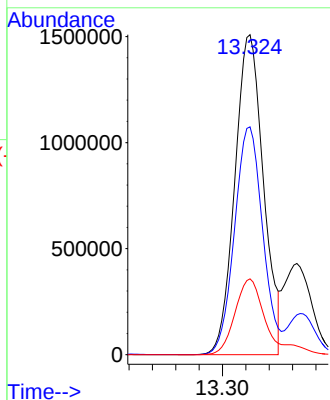
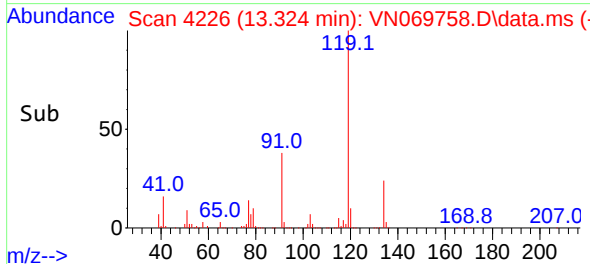
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



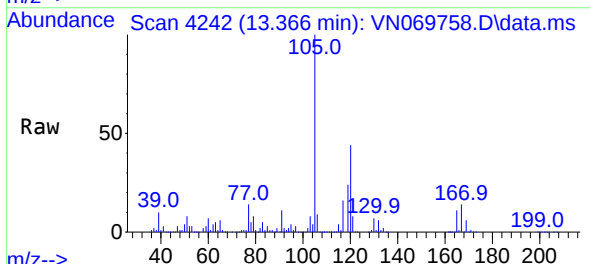
Tgt Ion:119 Resp: 2565390
Ion Ratio Lower Upper
119 100
91 70.5 31.5 94.5
134 26.0 12.4 37.4

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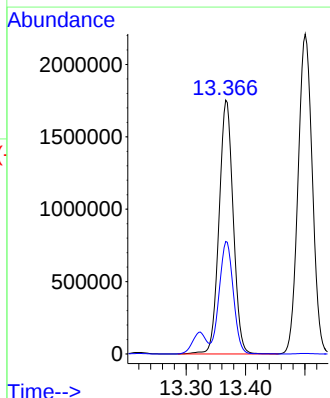
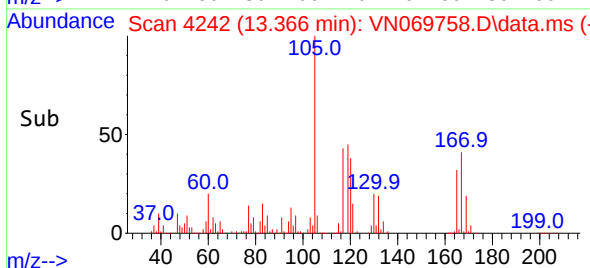
Reviewed By :John Carlone 12/06/2021
Supervised By :Mahesh Dadoda 12/06/2021



#84
1,2,4-Trimethylbenzene
Concen: 55.606 ug/l
RT: 13.366 min Scan# 4242
Delta R.T. -0.003 min
Lab File: VN069758.D
Acq: 4 Dec 2021 11:35



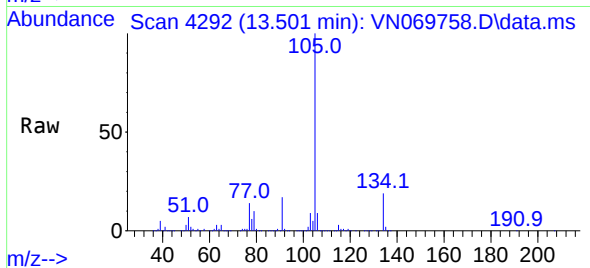
Tgt Ion:105 Resp: 2911316
Ion Ratio Lower Upper
105 100
120 44.2 22.8 68.4





#85
 sec-Butylbenzene
 Concen: 55.658 ug/l
 RT: 13.501 min Scan# 4292
 Delta R.T. -0.003 min
 Lab File: VN069758.D
 Acq: 4 Dec 2021 11:35

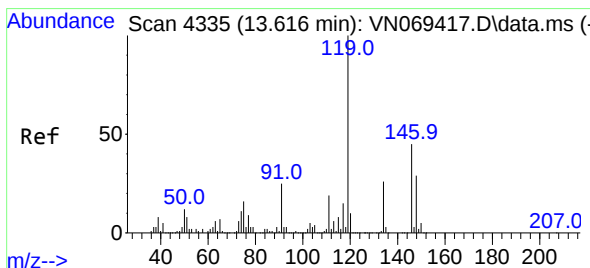
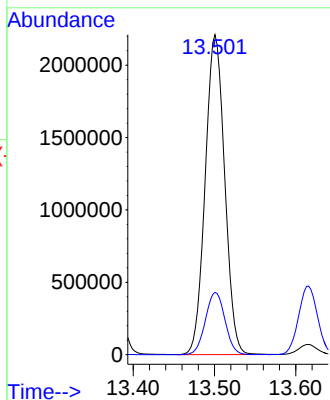
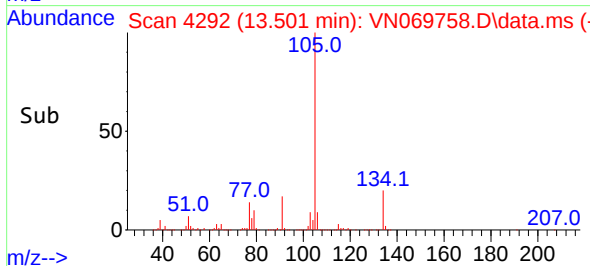
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



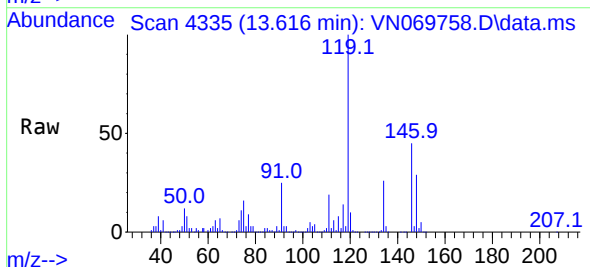
Tgt Ion:105 Resp: 3675059
 Ion Ratio Lower Upper
 105 100
 134 19.7 10.4 31.1

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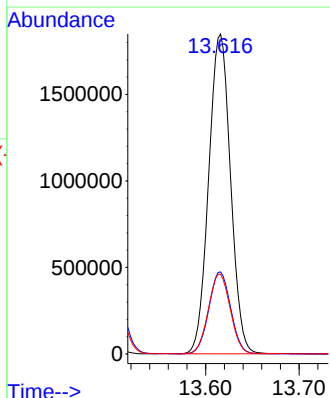
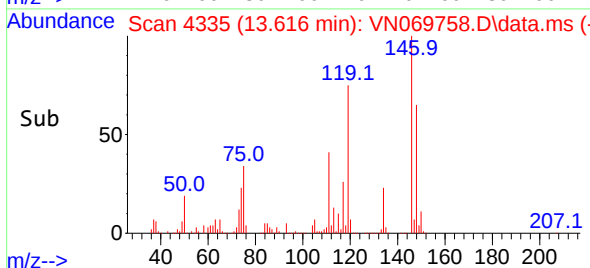
Reviewed By :John Carlone 12/06/2021
 Supervised By :Mahesh Dadoda 12/06/2021

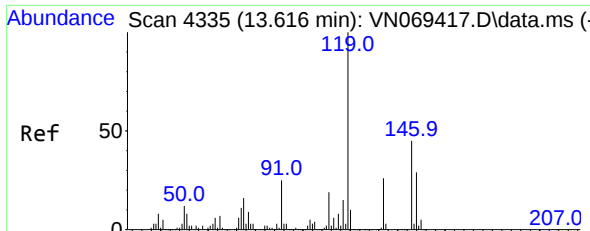


#86
 p-Isopropyltoluene
 Concen: 58.169 ug/l
 RT: 13.616 min Scan# 4335
 Delta R.T. 0.000 min
 Lab File: VN069758.D
 Acq: 4 Dec 2021 11:35



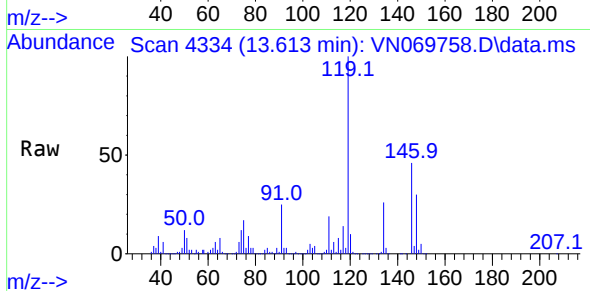
Tgt Ion:119 Resp: 3002232
 Ion Ratio Lower Upper
 119 100
 134 25.7 13.6 40.7
 91 25.0 11.4 34.1





#87
1,3-Dichlorobenzene
Concen: 55.370 ug/l
RT: 13.613 min Scan# 4335
Delta R.T. -0.003 min
Lab File: VN069758.D
Acq: 4 Dec 2021 11:35

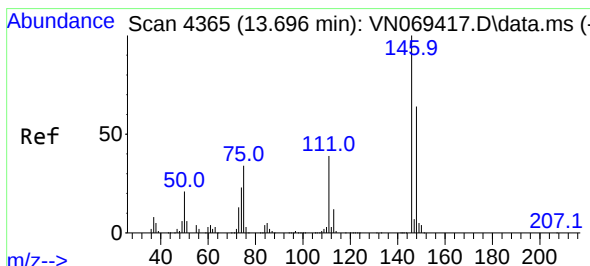
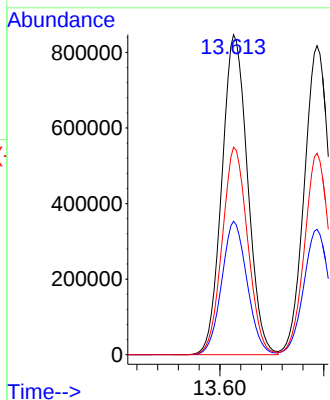
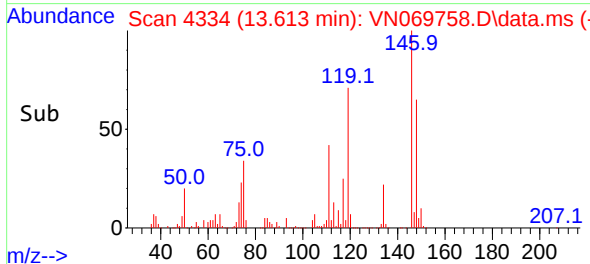
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



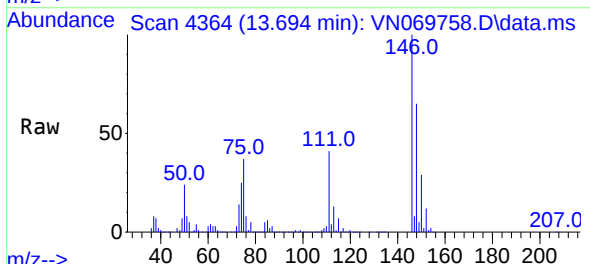
Tgt Ion:146 Resp: 145935
Ion Ratio Lower Upper
146 100
111 41.1 18.6 55.6
148 64.3 31.6 95.0

Manual Integrations
APPROVED

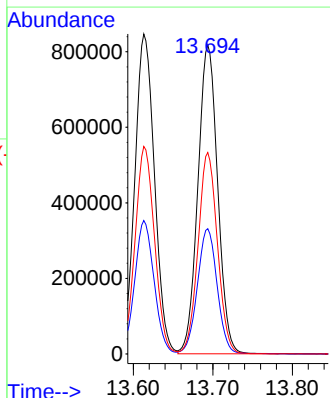
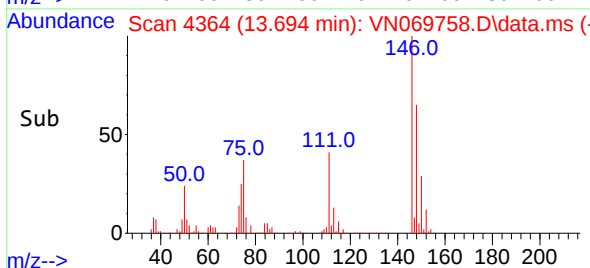
Reviewed By :John Carlone 12/06/2021
Supervised By :Mahesh Dadoda 12/06/2021



#88
1,4-Dichlorobenzene
Concen: 54.507 ug/l
RT: 13.694 min Scan# 4364
Delta R.T. -0.003 min
Lab File: VN069758.D
Acq: 4 Dec 2021 11:35



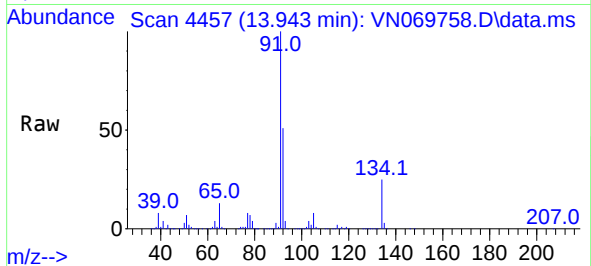
Tgt Ion:146 Resp: 1411815
Ion Ratio Lower Upper
146 100
111 40.3 18.3 54.8
148 63.8 31.8 95.4





#89
n-Butylbenzene
Concen: 60.631 ug/l
RT: 13.943 min Scan# 4457
Delta R.T. 0.000 min
Lab File: VN069758.D
Acq: 4 Dec 2021 11:35

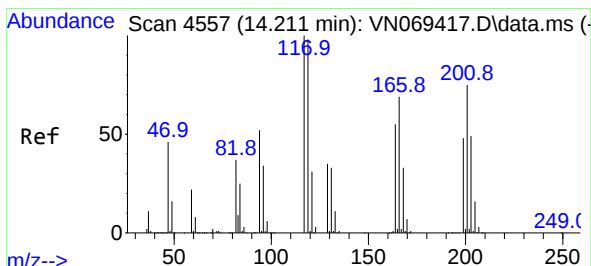
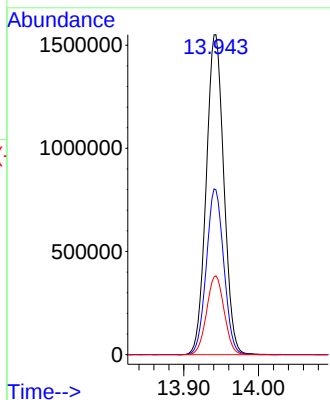
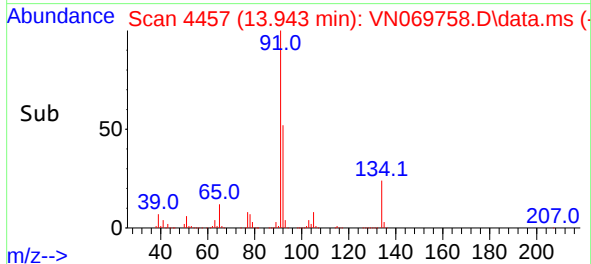
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 253847
Ion Ratio Lower Upper
91 100
92 51.4 25.4 76.0
134 24.6 13.6 40.8

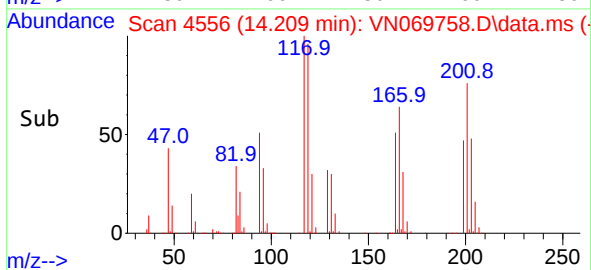
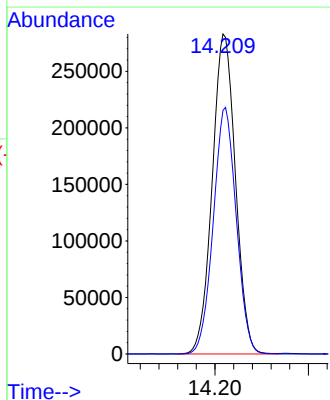
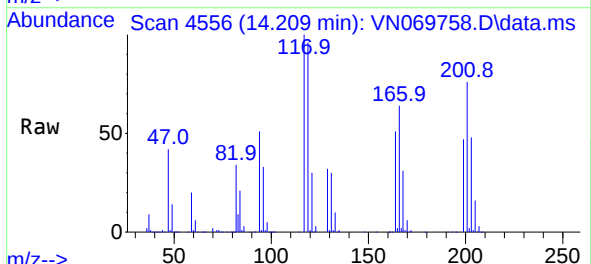
Manual Integrations
APPROVED

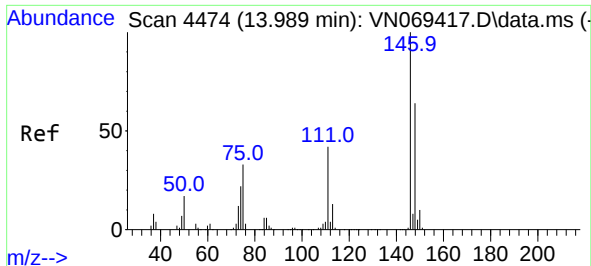
Reviewed By :John Carlone 12/06/2021
Supervised By :Mahesh Dadoda 12/06/2021



#90
Hexachloroethane
Concen: 54.072 ug/l
RT: 14.209 min Scan# 4556
Delta R.T. -0.003 min
Lab File: VN069758.D
Acq: 4 Dec 2021 11:35

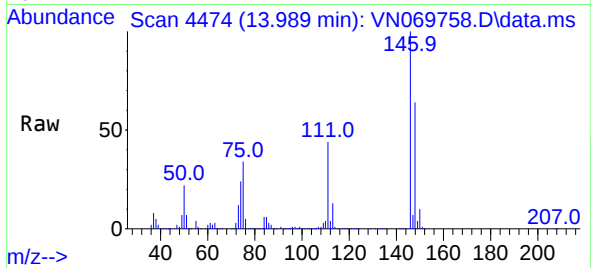
Tgt Ion:117 Resp: 489973
Ion Ratio Lower Upper
117 100
201 76.1 43.9 131.6





#91
1,2-Dichlorobenzene
Concen: 53.556 ug/l
RT: 13.989 min Scan# 4474
Delta R.T. 0.000 min
Lab File: VN069758.D
Acq: 4 Dec 2021 11:35

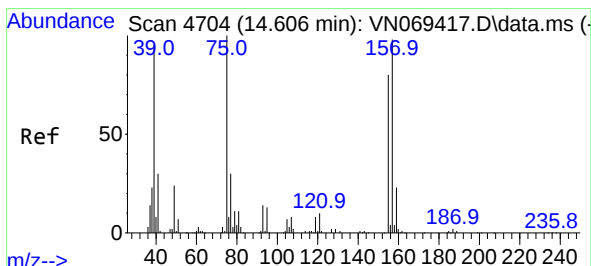
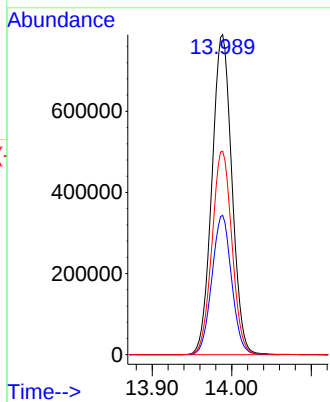
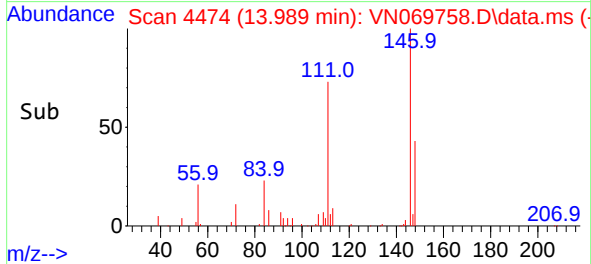
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



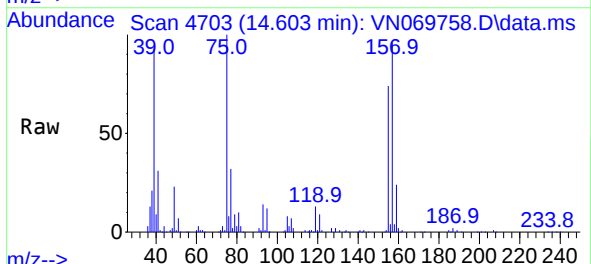
Tgt Ion:146 Resp: 1375352
Ion Ratio Lower Upper
146 100
111 43.1 19.1 57.3
148 63.8 32.1 96.3

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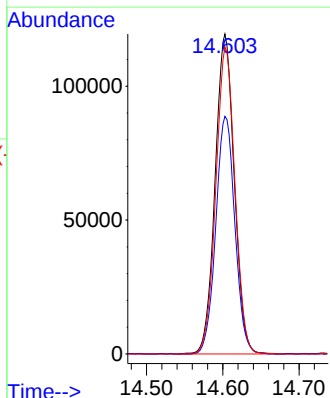
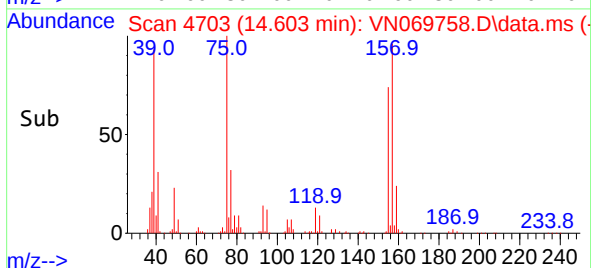
Reviewed By :John Carlone 12/06/2021
Supervised By :Mahesh Dadoda 12/06/2021

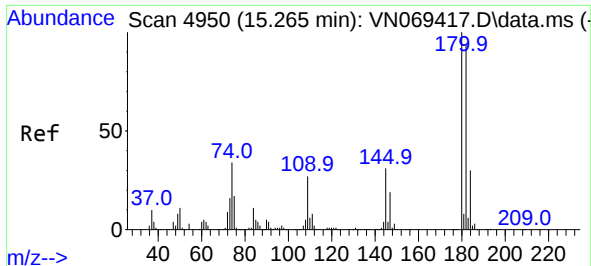


#92
1,2-Dibromo-3-Chloropropane
Concen: 48.734 ug/l
RT: 14.603 min Scan# 4703
Delta R.T. 0.000 min
Lab File: VN069758.D
Acq: 4 Dec 2021 11:35



Tgt Ion: 75 Resp: 207995
Ion Ratio Lower Upper
75 100
155 74.4 46.9 140.7
157 95.8 60.6 181.7





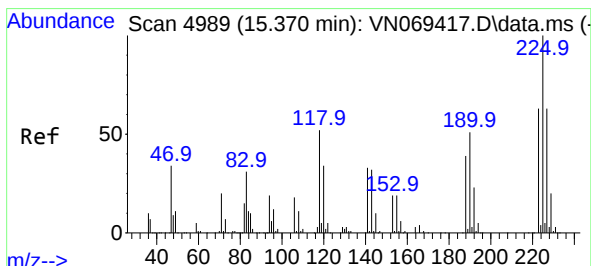
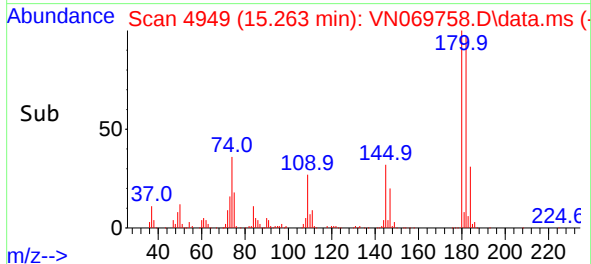
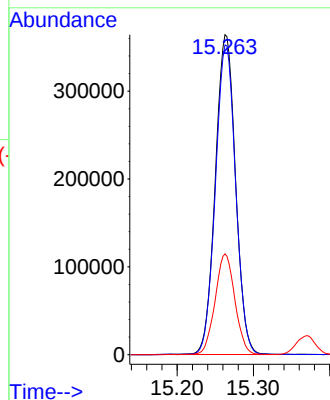
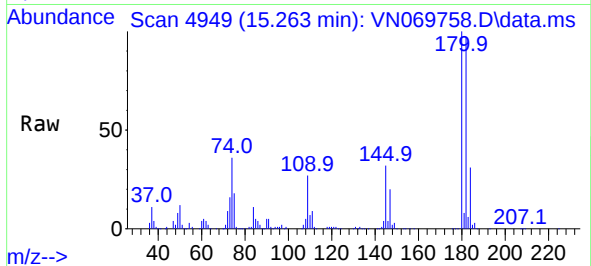
#93
1,2,4-Trichlorobenzene
Concen: 52.838 ug/l
RT: 15.263 min Scan# 4950
Delta R.T. -0.002 min
Lab File: VN069758.D
Acq: 4 Dec 2021 11:35

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:180 Resp: 66769
Ion Ratio Lower Upper
180 100
182 96.8 48.3 144.9
145 31.1 14.5 43.5

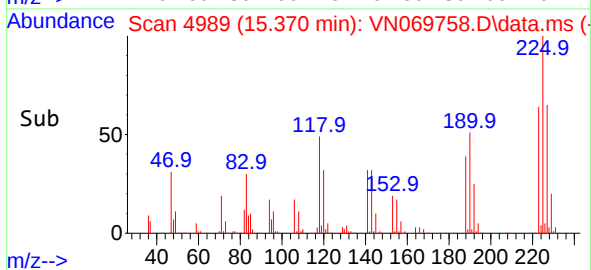
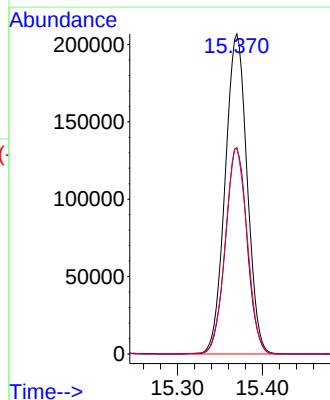
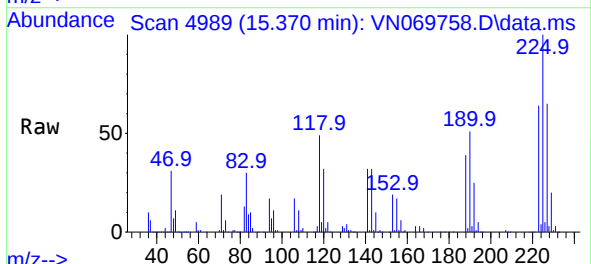
Manual Integrations
APPROVED

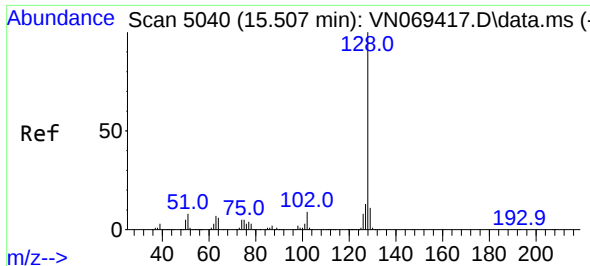
Reviewed By :John Carlone 12/06/2021
Supervised By :Mahesh Dadoda 12/06/2021



#94
Hexachlorobutadiene
Concen: 54.494 ug/l
RT: 15.370 min Scan# 4989
Delta R.T. 0.000 min
Lab File: VN069758.D
Acq: 4 Dec 2021 11:35

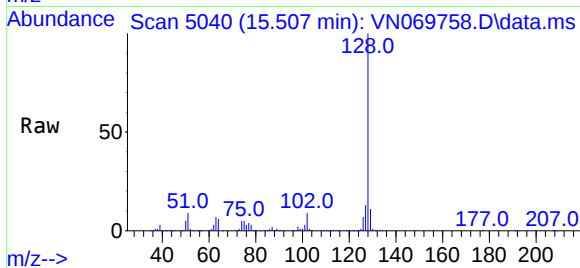
Tgt Ion:225 Resp: 370880
Ion Ratio Lower Upper
225 100
223 63.8 31.9 95.7
227 64.5 32.1 96.3





#95
Naphthalene
Concen: 47.712 ug/l
RT: 15.507 min Scan# 5040
Delta R.T. -0.000 min
Lab File: VN069758.D
Acq: 4 Dec 2021 11:35

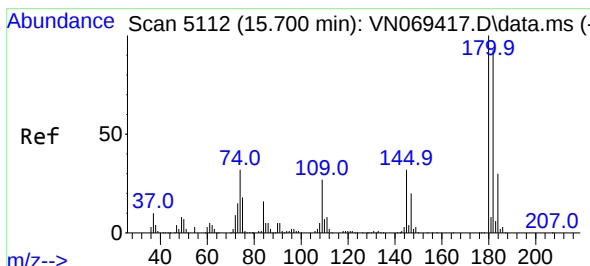
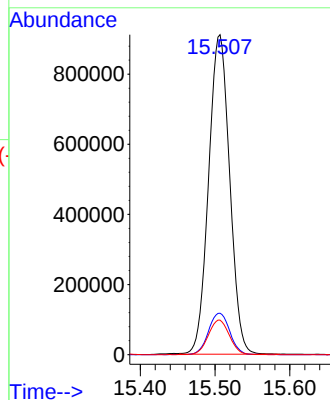
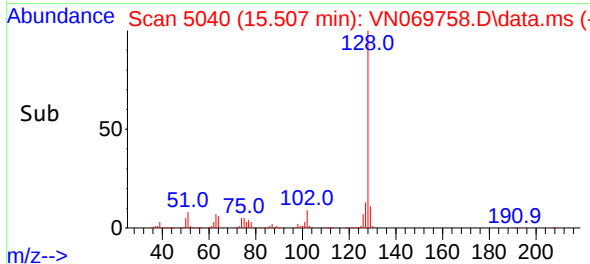
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



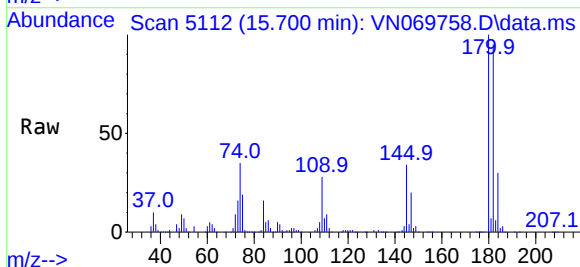
Tgt Ion:128 Resp: 178258
Ion Ratio Lower Upper
128 100
127 13.1 10.5 15.7
129 10.8 8.7 13.1

Manual Integrations
APPROVED

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



#96
1,2,3-Trichlorobenzene
Concen: 52.423 ug/l
RT: 15.700 min Scan# 5112
Delta R.T. -0.002 min
Lab File: VN069758.D
Acq: 4 Dec 2021 11:35



Tgt Ion:180 Resp: 645023
Ion Ratio Lower Upper
180 100
182 95.2 47.4 142.2
145 33.4 15.0 45.1

