

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120121\
 Data File : VN069687.D
 Acq On : 1 Dec 2021 12:18
 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 12/02/2021
 Supervised By : Mahesh Dadoda 12/03/2021

Quant Time: Dec 02 07:24:46 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110921W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 09 18:18:22 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.085	168	1158802	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.965	114	1871460	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1765214	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	772997	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	830431	49.424	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	98.840%		
35) Dibromofluoromethane	8.021	113	580378	51.708	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	103.420%		
50) Toluene-d8	10.440	98	2183603	49.465	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	98.920%		
62) 4-Bromofluorobenzene	12.731	95	869628	53.624	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	107.240%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.073	85	522438	42.200	ug/l	98
3) Chloromethane	2.303	50	573981	39.978	ug/l	99
4) Vinyl Chloride	2.448	62	587696	40.881	ug/l	98
5) Bromomethane	2.842	94	400484	42.895	ug/l	100
6) Chloroethane	3.014	64	382632	39.432	ug/l	98
7) Trichlorofluoromethane	3.373	101	893617	40.220	ug/l	98
8) Diethyl Ether	3.821	74	369257	51.368	ug/l	84
9) 1,1,2-Trichlorotrifluo...	4.207	101	550069	52.558	ug/l	96
10) Methyl Iodide	4.419	142	668246	52.057	ug/l	98
11) Tert butyl alcohol	5.377	59	676907	223.575	ug/l	99
12) 1,1-Dichloroethene	4.181	96	464373	49.443	ug/l	90
13) Acrolein	4.038	56	94587	219.817	ug/l	99
14) Allyl chloride	4.838	41	1103946	53.164	ug/l	94
15) Acrylonitrile	5.551	53	2035384	262.518	ug/l	99
16) Acetone	4.282	43	2446870	269.913	ug/l	97
17) Carbon Disulfide	4.527	76	835782	37.646	ug/l	98
18) Methyl Acetate	4.854	43	1478308	50.165	ug/l	92
19) Methyl tert-butyl Ether	5.613	73	2191242	55.128	ug/l	95
20) Methylene Chloride	5.092	84	627919	48.846	ug/l	87
21) trans-1,2-Dichloroethene	5.597	96	499745	47.639	ug/l	89
22) Diisopropyl ether	6.495	45	2505699	56.018	ug/l	95
23) Vinyl Acetate	6.431	43	9604870	277.630	ug/l	95
24) 1,1-Dichloroethane	6.385	63	1203496	52.824	ug/l	99
25) 2-Butanone	7.335	43	3197904	260.515	ug/l	92
26) 2,2-Dichloropropane	7.324	77	1020084	57.226	ug/l	96
27) cis-1,2-Dichloroethene	7.324	96	682821	52.508	ug/l	86
28) Bromochloromethane	7.656	49	615858	52.785	ug/l #	81
29) Tetrahydrofuran	7.683	42	1890562	250.969	ug/l	89
30) Chloroform	7.817	83	1261443	54.007	ug/l	99
31) Cyclohexane	8.094	56	985068	42.914	ug/l	90
32) 1,1,1-Trichloroethane	8.013	97	1045986	53.651	ug/l	95
36) 1,1-Dichloropropene	8.220	75	820213	52.087	ug/l	96
37) Ethyl Acetate	7.410	43	1181455	55.502	ug/l	96
38) Carbon Tetrachloride	8.204	117	845706	55.628	ug/l	100
39) Methylcyclohexane	9.459	83	968218	49.426	ug/l	90
40) Benzene	8.458	78	2556214	52.590	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.635	41	624526	56.780	ug/l #	88
42) 1,2-Dichloroethane	8.528	62	1075198	56.494	ug/l	97
43) Isopropyl Acetate	8.558	43	1924380	56.283	ug/l	94
44) Trichloroethene	9.215	130	625469	53.768	ug/l	94
45) 1,2-Dichloropropane	9.488	63	743731	57.271	ug/l	99
46) Dibromomethane	9.577	93	469183	53.940	ug/l	93
47) Bromodichloromethane	9.762	83	974533	60.040	ug/l	100
48) Methyl methacrylate	9.558	41	887014	55.141	ug/l	90
49) 1,4-Dioxane	9.569	88	271779	858.289	ug/l #	83
51) 4-Methyl-2-Pentanone	10.328	43	6250191	283.205	ug/l	95
52) Toluene	10.505	92	1615746	53.359	ug/l	99
53) t-1,3-Dichloropropene	10.719	75	1059696	52.936	ug/l	97
54) cis-1,3-Dichloropropene	10.188	75	1112296	52.790	ug/l #	88
55) 1,1,2-Trichloroethane	10.896	97	709891	58.158	ug/l	97
56) Ethyl methacrylate	10.759	69	1194439	51.846	ug/l #	87
57) 1,3-Dichloropropane	11.044	76	1221961	56.970	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.041	63	1389418	236.280	ug/l	92
59) 2-Hexanone	11.084	43	4618041	247.896	ug/l	93
60) Dibromochloromethane	11.237	129	719759	53.544	ug/l	100
61) 1,2-Dibromoethane	11.344	107	700471	51.383	ug/l	100
64) Tetrachloroethene	10.977	164	559544	52.497	ug/l	93
65) Chlorobenzene	11.771	112	1814075	55.212	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.840	131	689435	60.495	ug/l	99
67) Ethyl Benzene	11.843	91	3337274	55.072	ug/l	96
68) m/p-Xylenes	11.953	106	2434488	109.232	ug/l	93
69) o-Xylene	12.280	106	1239573	55.789	ug/l	93
70) Styrene	12.294	104	2059073	51.566	ug/l	96
71) Bromoform	12.457	173	517258	52.116	ug/l #	100
73) Isopropylbenzene	12.578	105	3345225	54.353	ug/l	99
74) N-amyl acetate	12.387	43	1481898	56.815	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.827	83	1120652	53.987	ug/l	98
76) 1,2,3-Trichloropropane	12.881	75	891171m	49.956	ug/l	
77) Bromobenzene	12.859	156	771451	54.807	ug/l	79
78) n-propylbenzene	12.918	91	3851849	55.619	ug/l	96
79) 2-Chlorotoluene	13.007	91	2346207	54.716	ug/l	93
80) 1,3,5-Trimethylbenzene	13.058	105	2733230	54.933	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.626	75	307111	51.101	ug/l	95
82) 4-Chlorotoluene	13.103	91	2288334	55.982	ug/l	92
83) tert-Butylbenzene	13.323	119	2486695	57.032	ug/l	94
84) 1,2,4-Trimethylbenzene	13.366	105	2678197	55.757	ug/l	98
85) sec-Butylbenzene	13.500	105	3442830	56.525	ug/l	98
86) p-Isopropyltoluene	13.616	119	2756050	57.001	ug/l	96
87) 1,3-Dichlorobenzene	13.616	146	1353272	55.453	ug/l	97
88) 1,4-Dichlorobenzene	13.693	146	1311986	54.802	ug/l	97
89) n-Butylbenzene	13.943	91	2328952	57.761	ug/l	98
90) Hexachloroethane	14.211	117	477947	53.615	ug/l	88
91) 1,2-Dichlorobenzene	13.989	146	1303068	56.115	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.603	75	197963	51.248	ug/l	80
93) 1,2,4-Trichlorobenzene	15.262	180	639486	52.398	ug/l	98
94) Hexachlorobutadiene	15.370	225	371134	61.510	ug/l	99
95) Naphthalene	15.507	128	1693969	49.422	ug/l	99
96) 1,2,3-Trichlorobenzene	15.700	180	621781	53.223	ug/l	99

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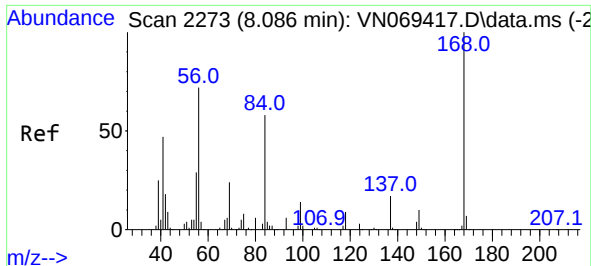
Manual Integrations
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QLast Update : Tue Nov 09 18:18:22 2021
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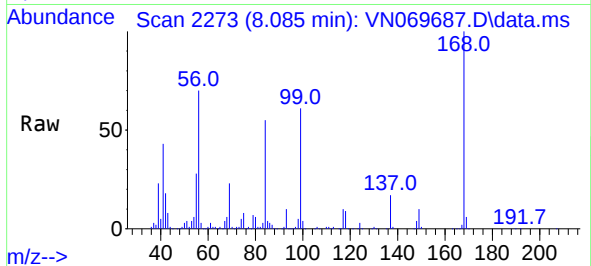
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.085 min Scan# 21
Delta R.T. -0.001 min
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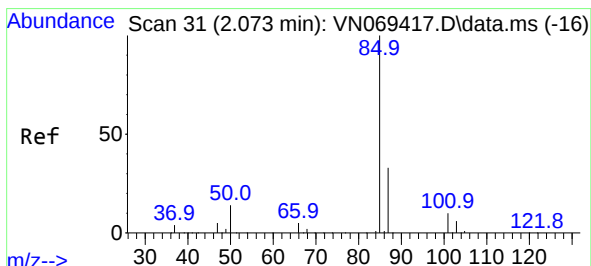
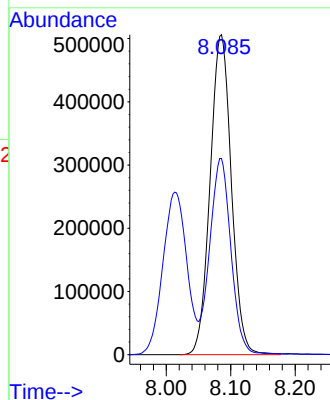
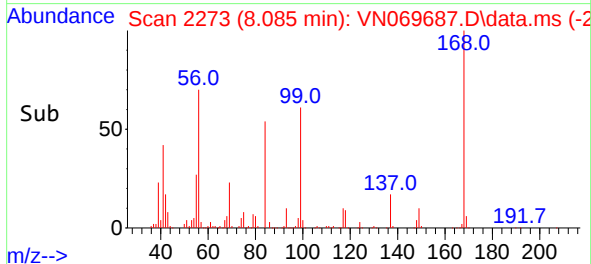
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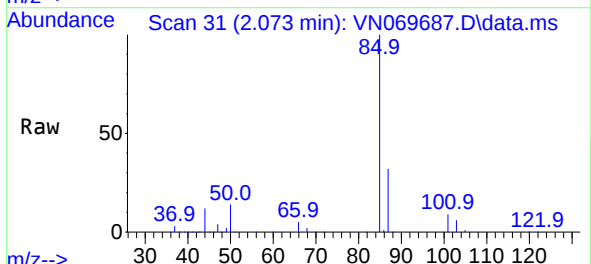
Tgt Ion:168 Resp: 115880
Ion Ratio Lower Upper
168 100
99 61.0 41.3 61.9

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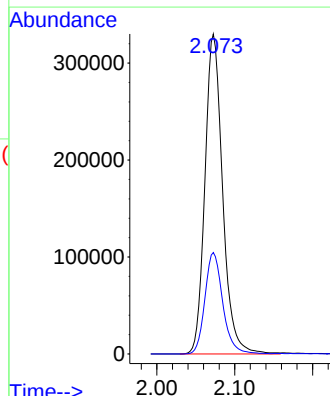
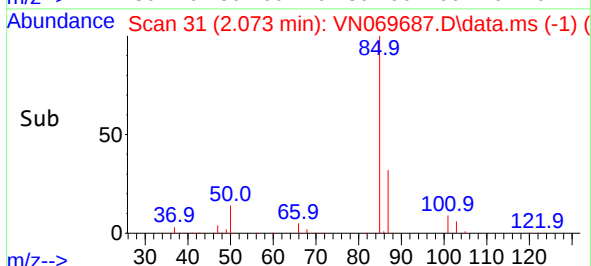
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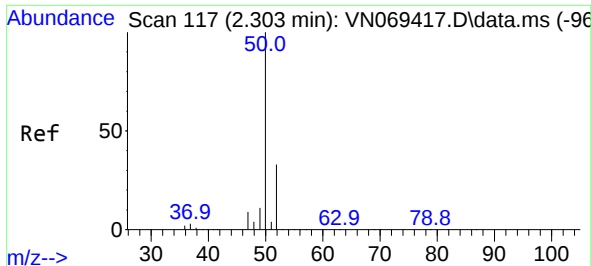


#2
Dichlorodifluoromethane
Concen: 42.200 ug/l
RT: 2.073 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN069687.D
Acq: 1 Dec 2021 12:18



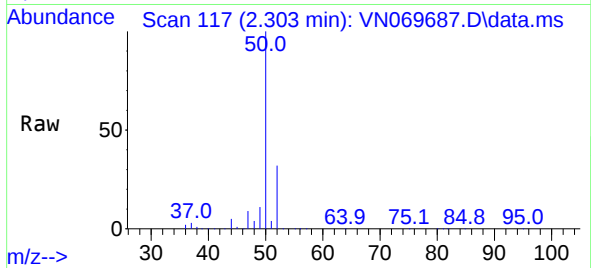
Tgt Ion: 85 Resp: 522438
Ion Ratio Lower Upper
85 100
87 31.7 16.3 48.9





#3
Chloromethane
Concen: 39.978 ug/l
RT: 2.303 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN069687.D
Acq: 1 Dec 2021 12:18

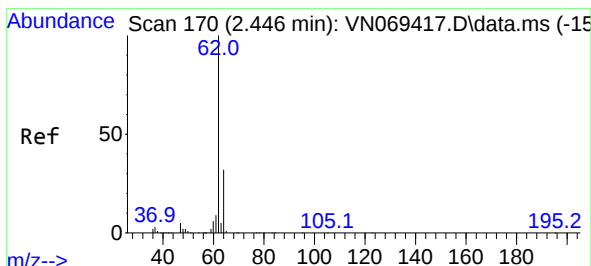
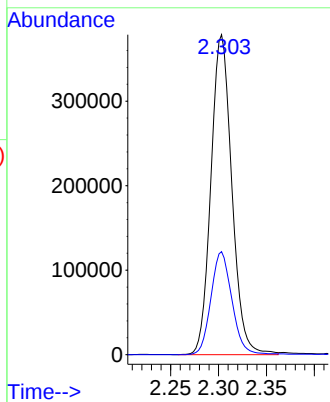
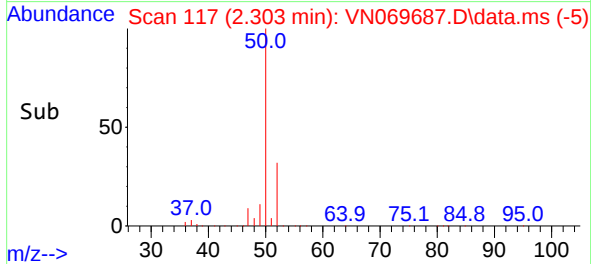
Instrument :
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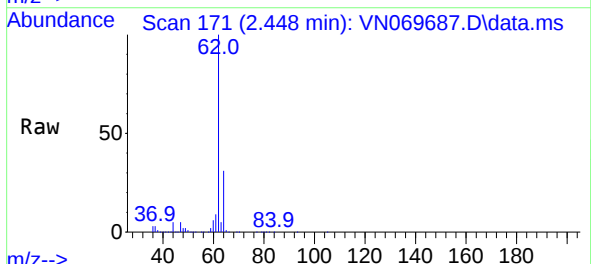
Tgt Ion: 50 Resp: 57398
Ion Ratio Lower Upper
50 100
52 32.2 25.4 38.0

Manual Integrations
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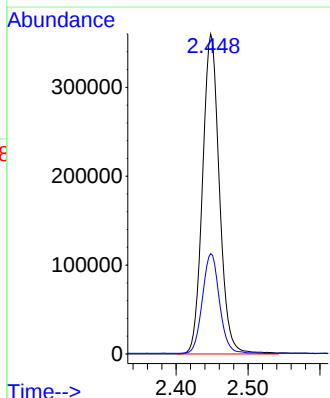
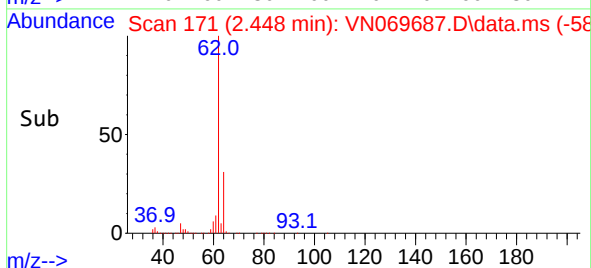
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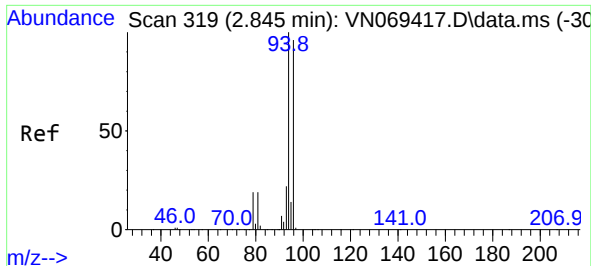


#4
Vinyl Chloride
Concen: 40.881 ug/l
RT: 2.448 min Scan# 171
Delta R.T. 0.002 min
Lab File: VN069687.D
Acq: 1 Dec 2021 12:18



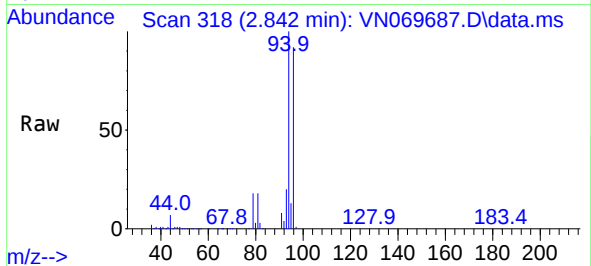
Tgt Ion: 62 Resp: 587696
Ion Ratio Lower Upper
62 100
64 31.2 25.8 38.6





#5
Bromomethane
Concen: 42.895 ug/l
RT: 2.842 min Scan# 319
Delta R.T. -0.003 min
Lab File: VN069687.D
Acq: 1 Dec 2021 12:18

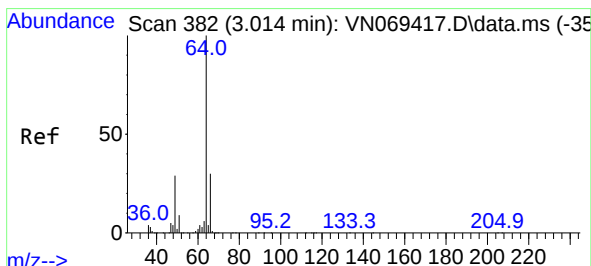
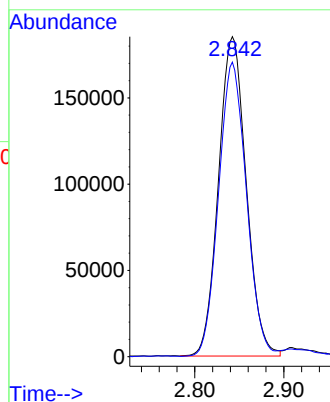
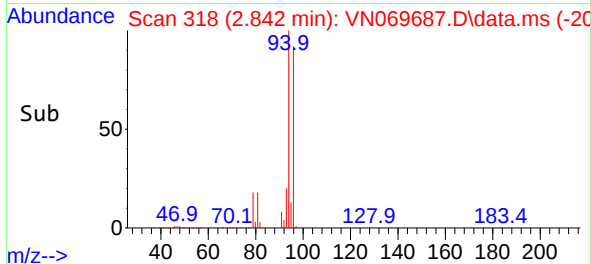
Instrument :
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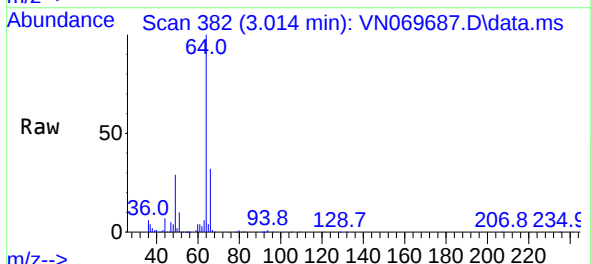
Tgt Ion: 94 Resp: 400484
Ion Ratio Lower Upper
94 100
96 92.2 73.8 110.8

Manual Integrations
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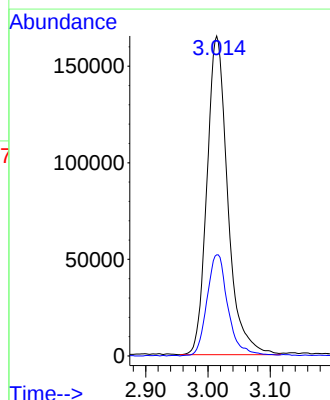
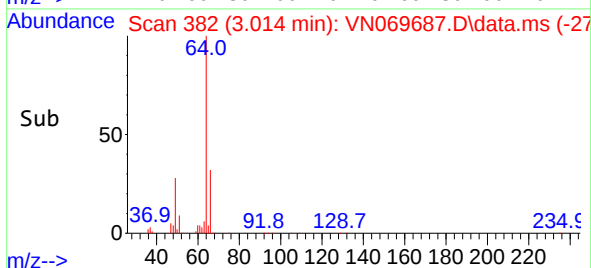
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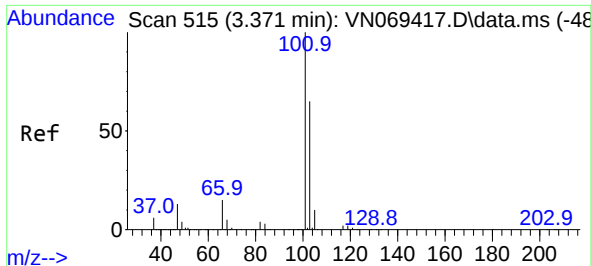


#6
Chloroethane
Concen: 39.432 ug/l
RT: 3.014 min Scan# 382
Delta R.T. -0.000 min
Lab File: VN069687.D
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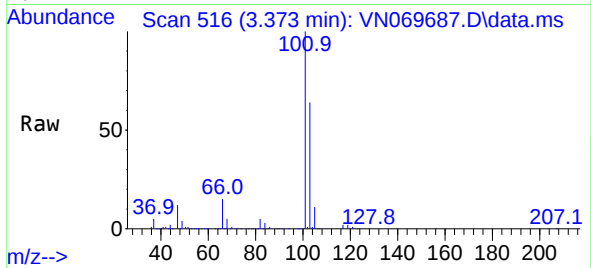
Tgt Ion: 64 Resp: 382632
Ion Ratio Lower Upper
64 100
66 31.7 26.3 39.5





#7
Trichlorofluoromethane
Concen: 40.220 ug/l
RT: 3.373 min Scan# 515
Delta R.T. 0.002 min
Lab File: VN069687.D
Acq: 1 Dec 2021 12:18

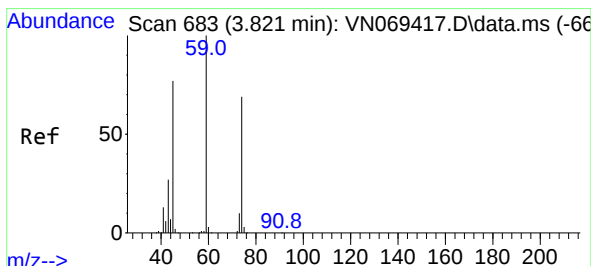
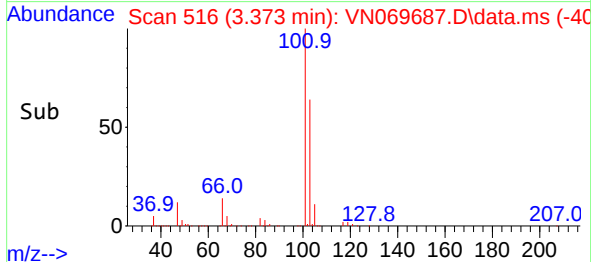
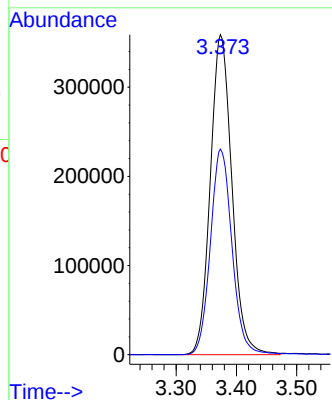
Instrument :
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Tgt Ion:101 Resp: 89361
Ion Ratio Lower Upper
101 100
103 64.2 50.1 75.1

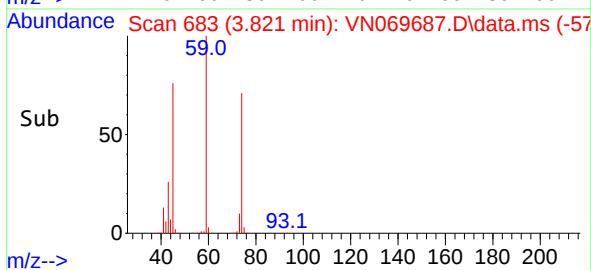
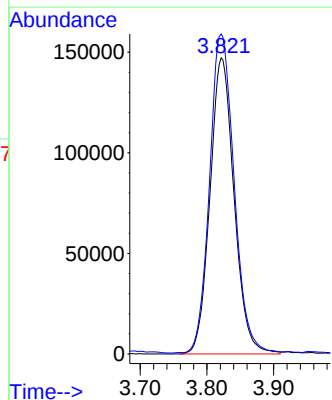
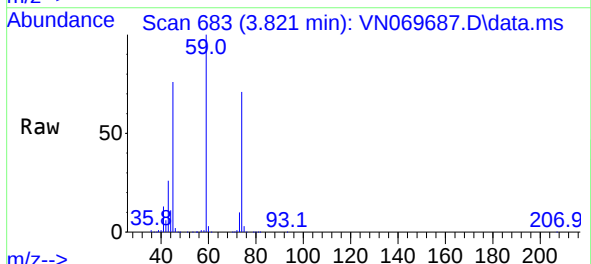
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#8
Diethyl Ether
Concen: 51.368 ug/l
RT: 3.821 min Scan# 683
Delta R.T. 0.000 min
Lab File: VN069687.D
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Tgt Ion: 74 Resp: 369257
Ion Ratio Lower Upper
74 100
45 109.4 47.0 141.2





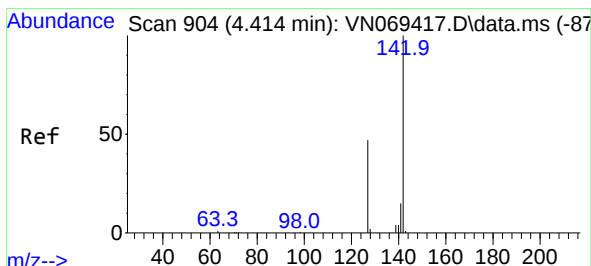
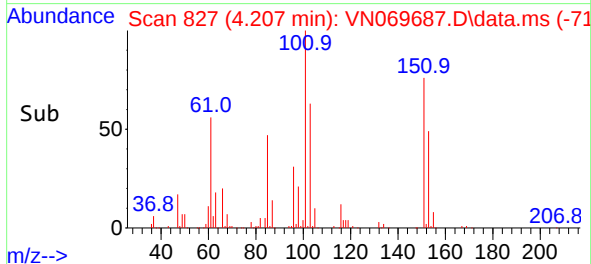
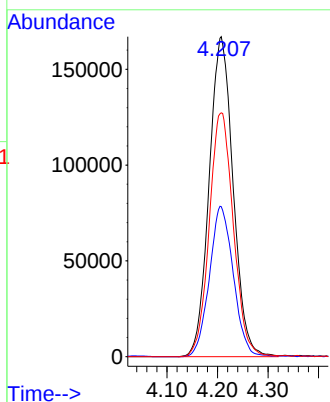
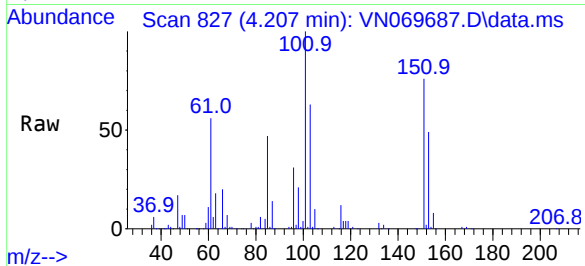
#9
1,1,2-Trichlorotrifluoroethane
Concen: 52.558 ug/l
RT: 4.207 min Scan# 81
Delta R.T. 0.005 min
Lab File: VN069687.D
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MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 550069
Ion Ratio Lower Upper
101 100
85 46.8 37.2 55.8
151 76.9 65.9 98.9

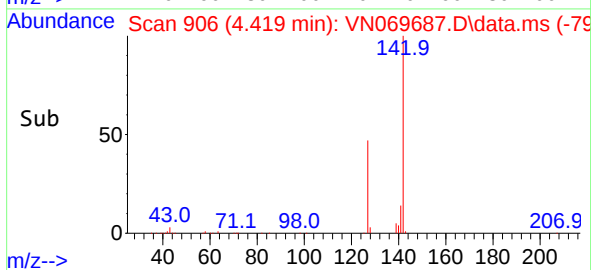
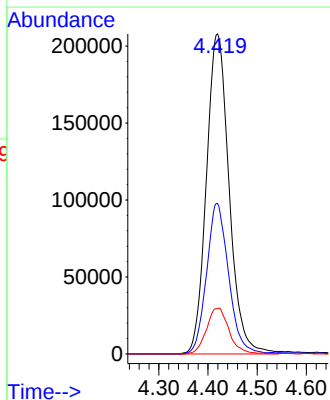
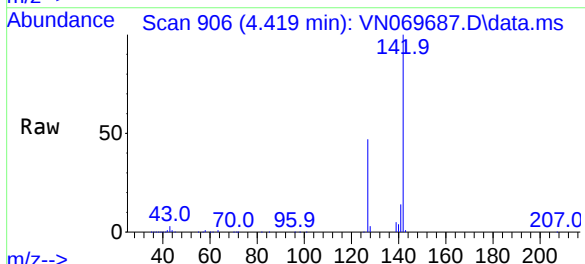
Manual Integrations
APPROVED

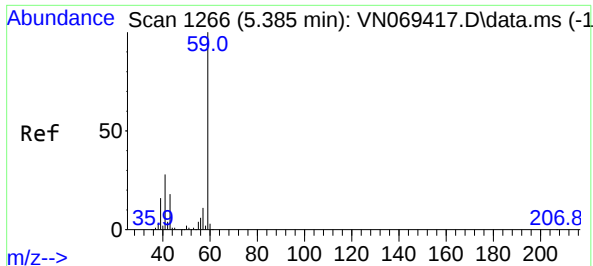
Reviewed By :John Carlone 12/02/2021
Supervised By :Mahesh Dadoda 12/03/2021



#10
Methyl Iodide
Concen: 52.057 ug/l
RT: 4.419 min Scan# 906
Delta R.T. 0.005 min
Lab File: VN069687.D
Acq: 1 Dec 2021 12:18

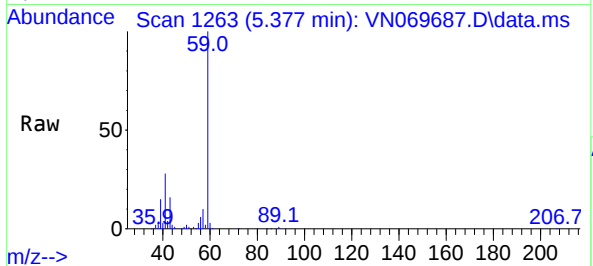
Tgt Ion:142 Resp: 668246
Ion Ratio Lower Upper
142 100
127 45.6 35.4 53.0
141 14.1 11.6 17.4





#11
Tert butyl alcohol
Concen: 223.575 ug/l
RT: 5.377 min Scan# 11
Delta R.T. -0.008 min
Lab File: VN069687.D
Acq: 1 Dec 2021 12:18

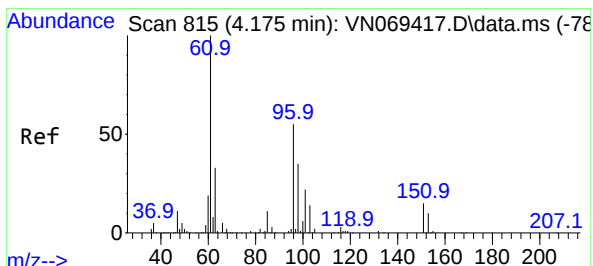
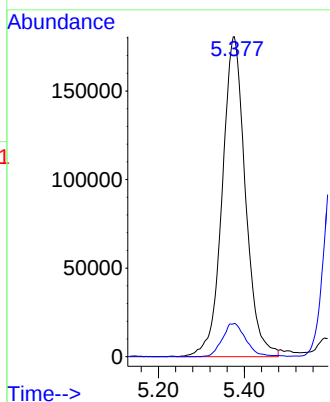
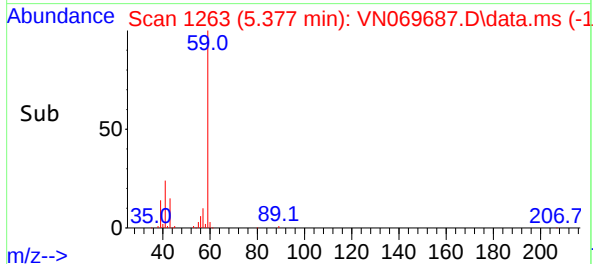
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



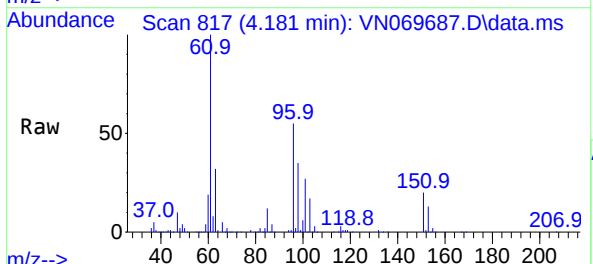
Tgt Ion: 59 Resp: 67690
Ion Ratio Lower Upper
59 100
57 10.5 8.7 13.1

Manual Integrations
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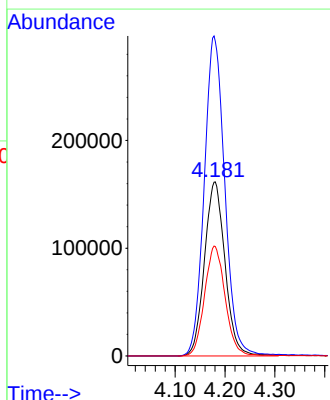
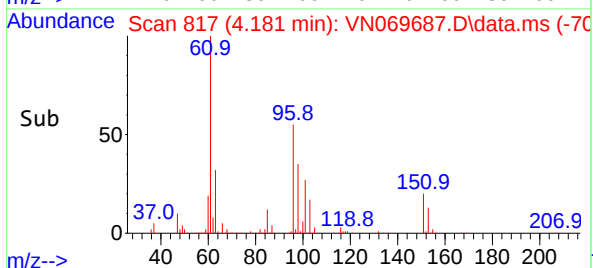
Reviewed By :John Carlone 12/02/2021
Supervised By :Mahesh Dadoda 12/03/2021

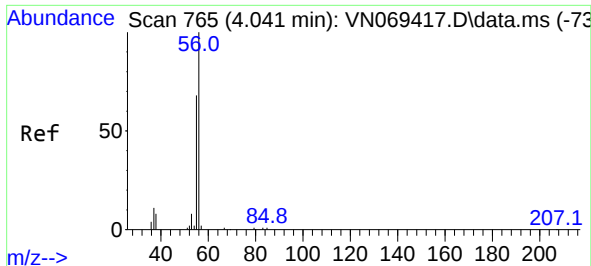


#12
1,1-Dichloroethene
Concen: 49.443 ug/l
RT: 4.181 min Scan# 817
Delta R.T. 0.006 min
Lab File: VN069687.D
Acq: 1 Dec 2021 12:18



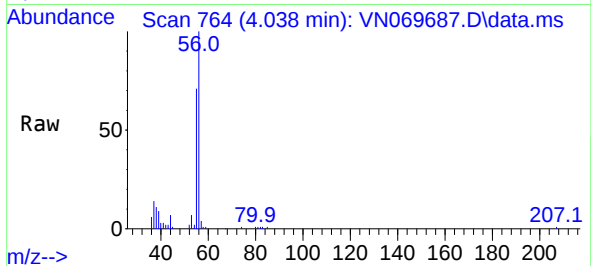
Tgt Ion: 96 Resp: 464373
Ion Ratio Lower Upper
96 100
61 180.7 131.0 196.6
98 62.9 52.4 78.6





#13
Acrolein
Concen: 219.817 ug/l
RT: 4.038 min Scan# 70
Delta R.T. -0.003 min
Lab File: VN069687.D
Acq: 1 Dec 2021 12:18

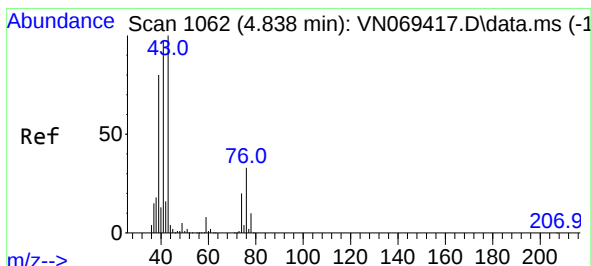
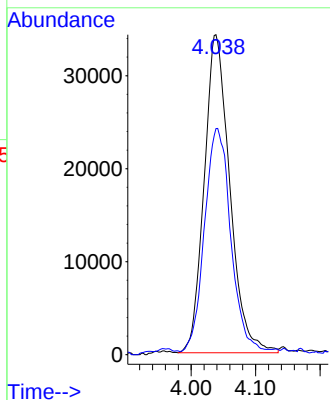
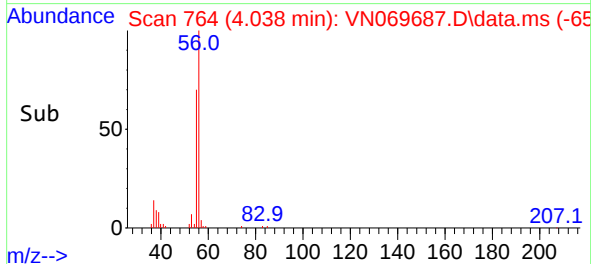
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



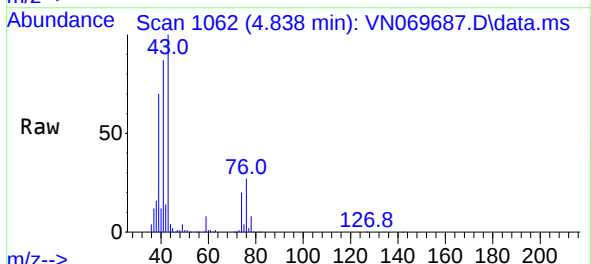
Tgt Ion: 56 Resp: 9458
Ion Ratio Lower Upper
56 100
55 71.2 56.6 85.0

Manual Integrations
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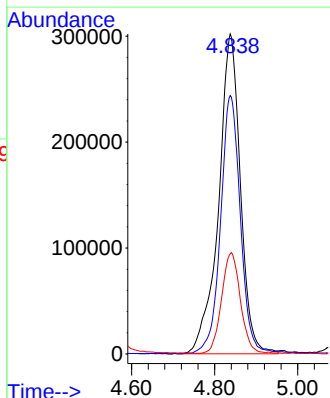
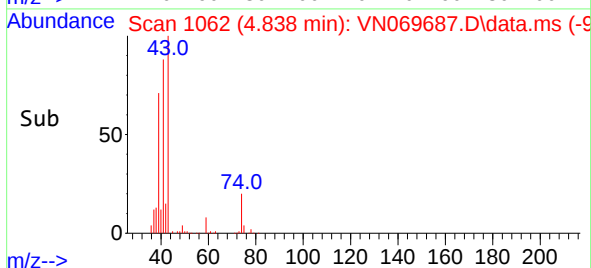
Reviewed By :John Carlone 12/02/2021
Supervised By :Mahesh Dadoda 12/03/2021

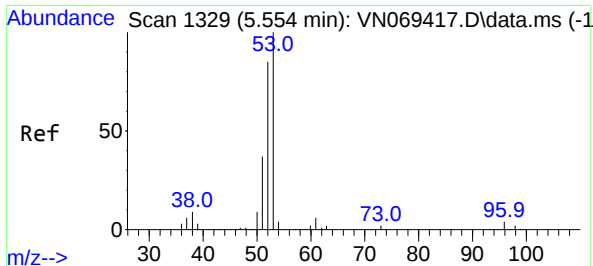


#14
Allyl chloride
Concen: 53.164 ug/l
RT: 4.838 min Scan# 1062
Delta R.T. -0.000 min
Lab File: VN069687.D
Acq: 1 Dec 2021 12:18



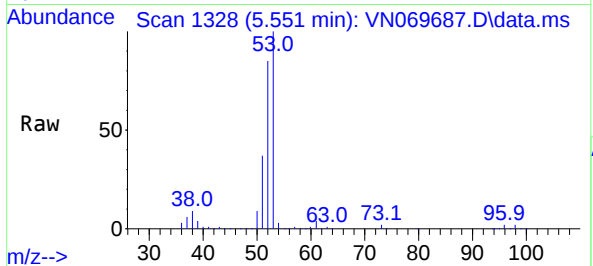
Tgt Ion: 41 Resp: 1103946
Ion Ratio Lower Upper
41 100
39 73.3 61.2 91.8
76 27.0 26.0 39.0





#15
Acrylonitrile
Concen: 262.518 ug/l
RT: 5.551 min Scan# 11
Delta R.T. -0.003 min
Lab File: VN069687.D
Acq: 1 Dec 2021 12:18

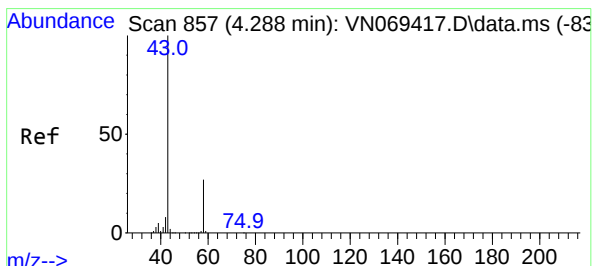
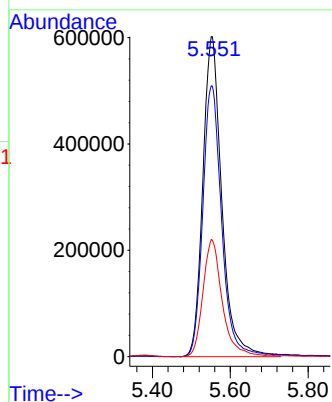
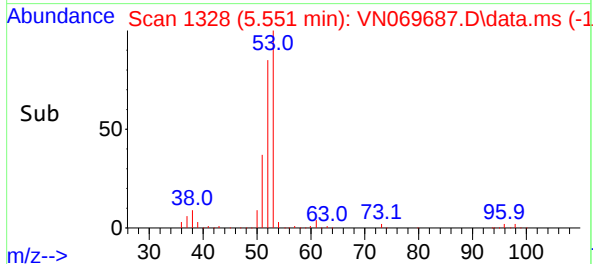
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



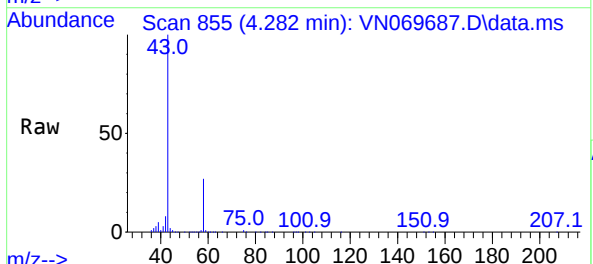
Tgt Ion: 53 Resp: 2035384
Ion Ratio Lower Upper
53 100
52 84.0 66.2 99.2
51 37.1 29.6 44.4

Manual Integrations
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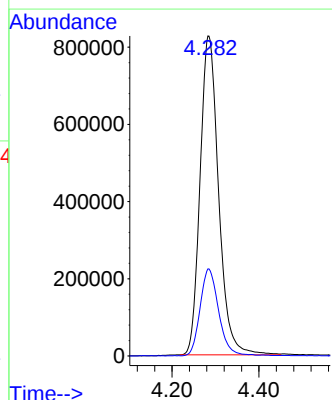
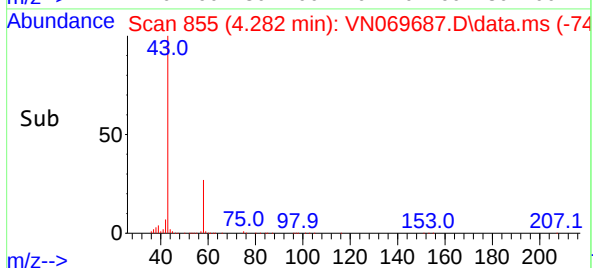
Reviewed By :John Carlone 12/02/2021
Supervised By :Mahesh Dadoda 12/03/2021

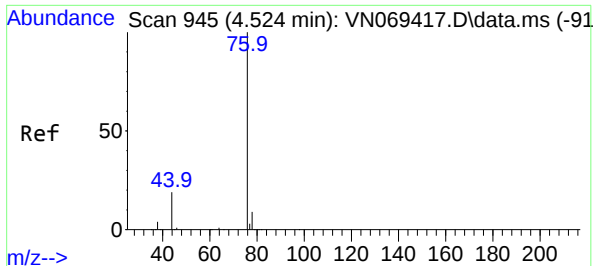


#16
Acetone
Concen: 269.913 ug/l
RT: 4.282 min Scan# 855
Delta R.T. -0.006 min
Lab File: VN069687.D
Acq: 1 Dec 2021 12:18



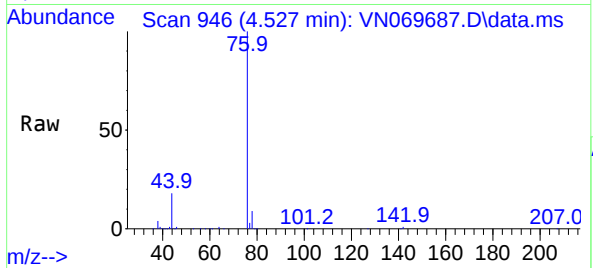
Tgt Ion: 43 Resp: 2446870
Ion Ratio Lower Upper
43 100
58 27.2 23.1 34.7





#17
Carbon Disulfide
Concen: 37.646 ug/l
RT: 4.527 min Scan# 945
Delta R.T. 0.003 min
Lab File: VN069687.D
Acq: 1 Dec 2021 12:18

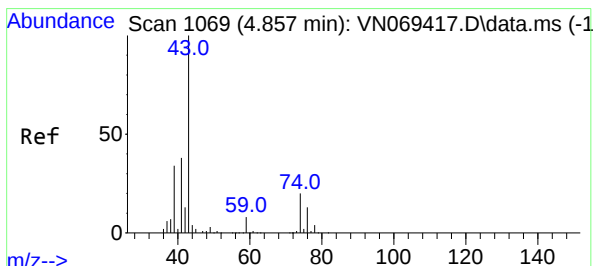
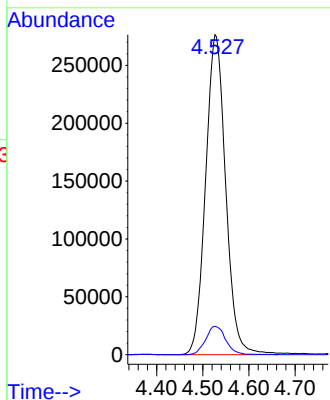
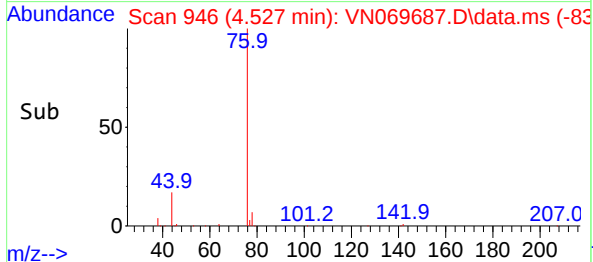
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



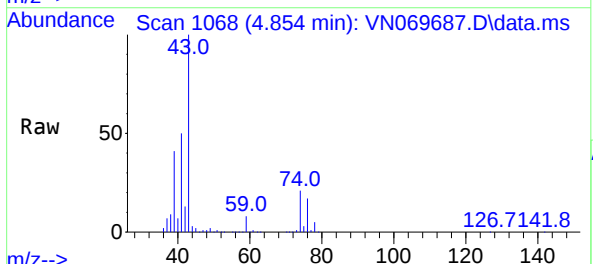
Tgt Ion: 76 Resp: 83578
Ion Ratio Lower Upper
76 100
78 8.8 7.5 11.3

Manual Integrations
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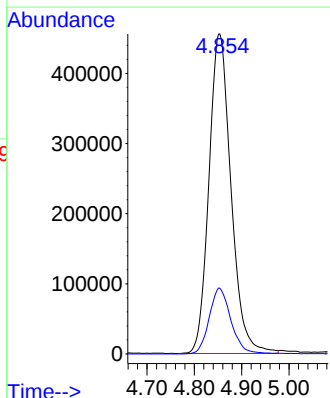
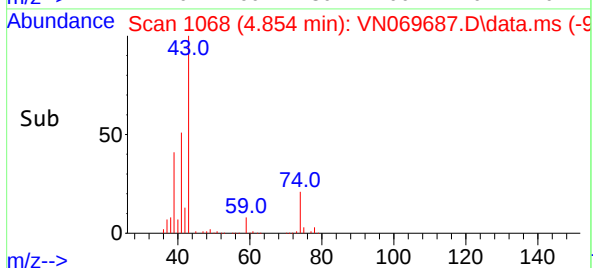
Reviewed By :John Carlone 12/02/2021
Supervised By :Mahesh Dadoda 12/03/2021

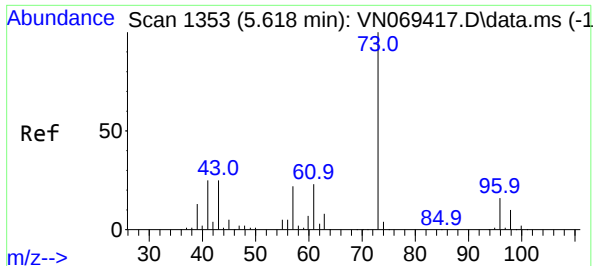


#18
Methyl Acetate
Concen: 50.165 ug/l
RT: 4.854 min Scan# 1068
Delta R.T. -0.003 min
Lab File: VN069687.D
Acq: 1 Dec 2021 12:18



Tgt Ion: 43 Resp: 1478308
Ion Ratio Lower Upper
43 100
74 20.3 19.4 29.2





#19

Methyl tert-butyl Ether

Concen: 55.128 ug/l

RT: 5.613 min Scan# 11351

Delta R.T. -0.005 min

Lab File: VN069687.D

Acq: 1 Dec 2021 12:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 73 Resp: 219124

Ion Ratio Lower Upper

73 100

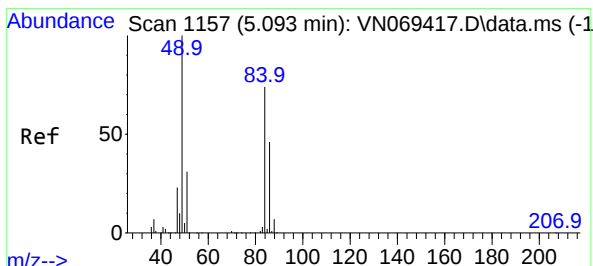
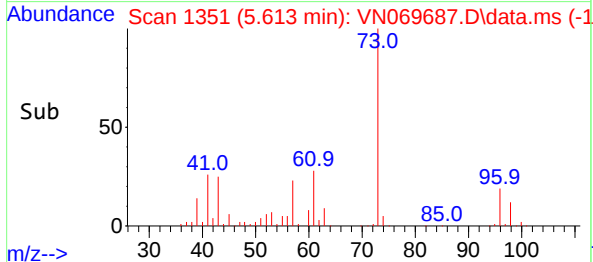
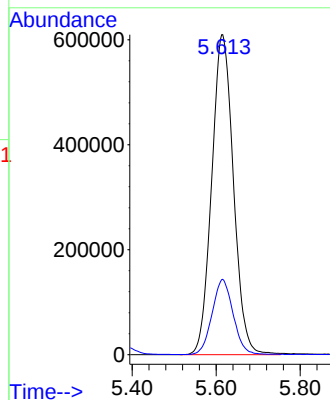
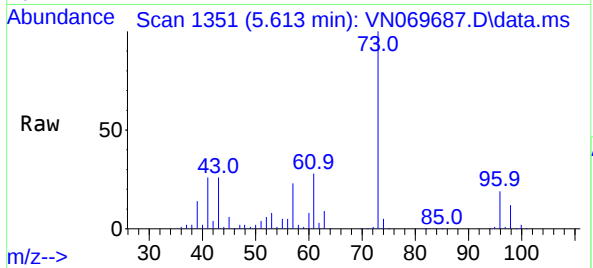
57 23.4 16.8 25.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/02/2021

Supervised By :Mahesh Dadoda 12/03/2021



#20

Methylene Chloride

Concen: 48.846 ug/l

RT: 5.092 min Scan# 1157

Delta R.T. -0.001 min

Lab File: VN069687.D

Acq: 1 Dec 2021 12:18

Tgt Ion: 84 Resp: 627919

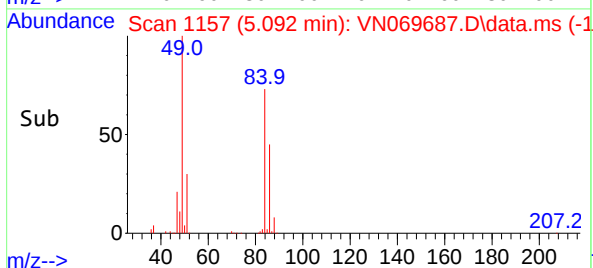
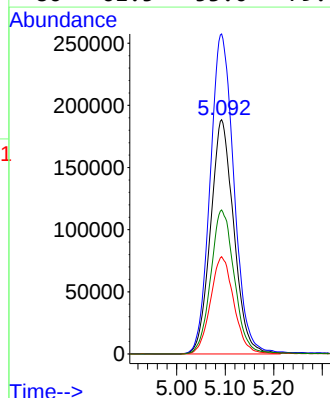
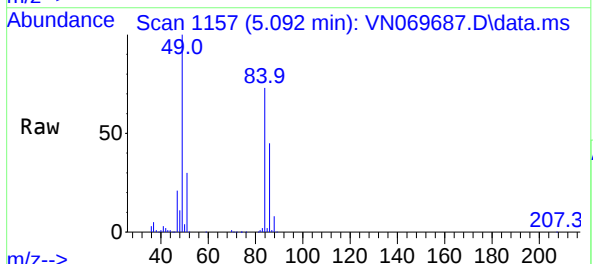
Ion Ratio Lower Upper

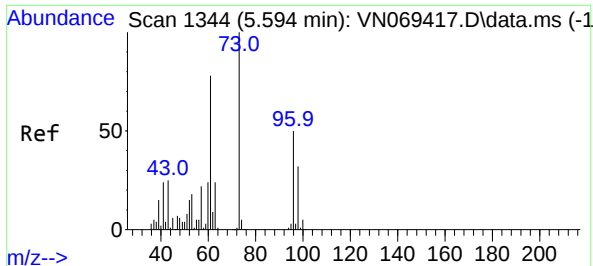
84 100

49 136.7 93.5 140.3

51 41.5 29.4 44.2

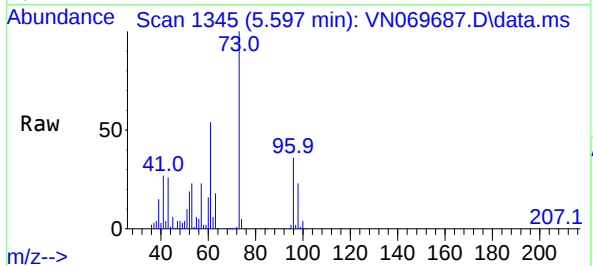
86 61.5 53.0 79.4





#21
trans-1,2-Dichloroethene
Concen: 47.639 ug/l
RT: 5.597 min Scan# 11
Delta R.T. 0.003 min
Lab File: VN069687.D
Acq: 1 Dec 2021 12:18

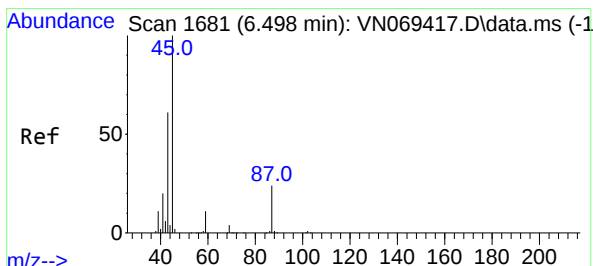
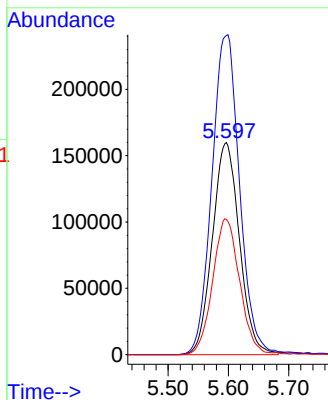
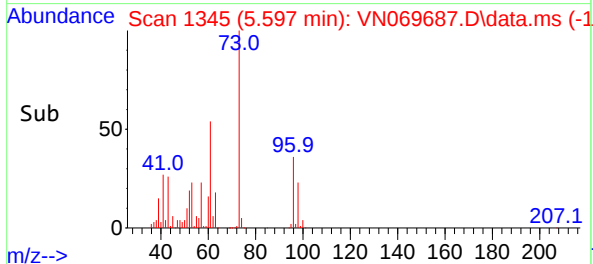
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 49974
Ion Ratio Lower Upper
96 100
61 150.5 105.8 158.6
98 63.8 52.0 78.0

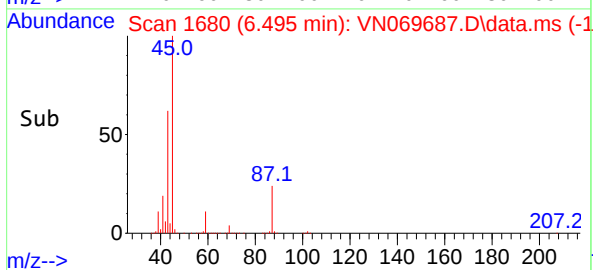
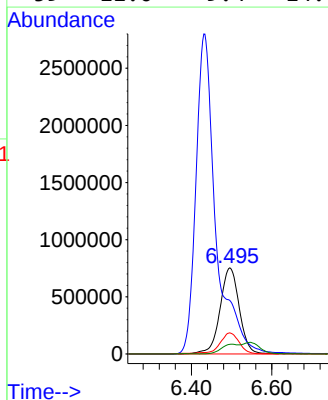
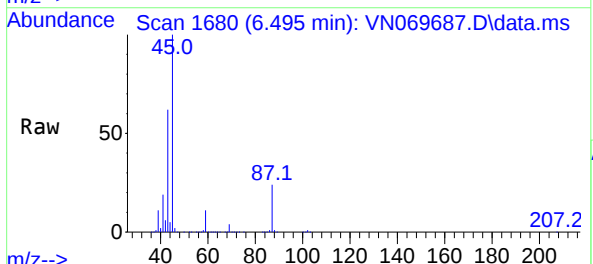
Manual Integrations
APPROVED

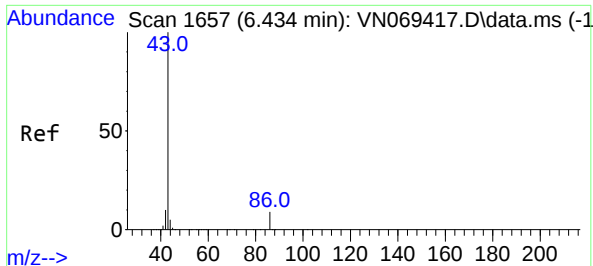
Reviewed By :John Carlone 12/02/2021
Supervised By :Mahesh Dadoda 12/03/2021



#22
Diisopropyl ether
Concen: 56.018 ug/l
RT: 6.495 min Scan# 1680
Delta R.T. -0.003 min
Lab File: VN069687.D
Acq: 1 Dec 2021 12:18

Tgt Ion: 45 Resp: 2505699
Ion Ratio Lower Upper
45 100
43 61.6 51.7 77.5
87 24.4 23.2 34.8
59 11.0 9.4 14.0





#23

Vinyl Acetate

Concen: 277.630 ug/l

RT: 6.431 min Scan# 1656

Delta R.T. -0.003 min

Lab File: VN069687.D

Acq: 1 Dec 2021 12:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 9604870

Ion Ratio Lower Upper

43 100

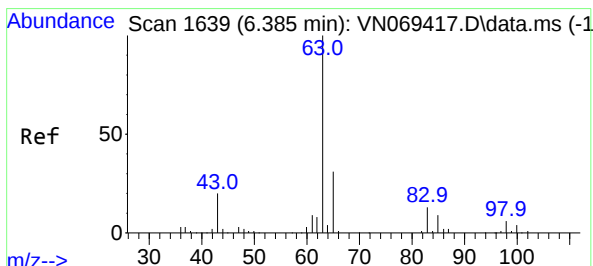
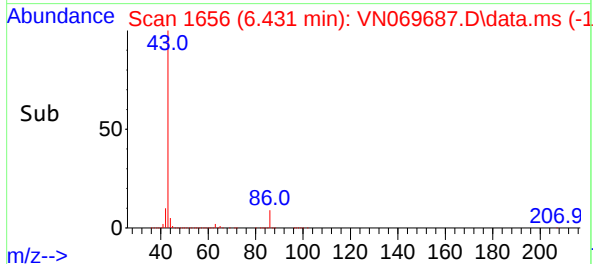
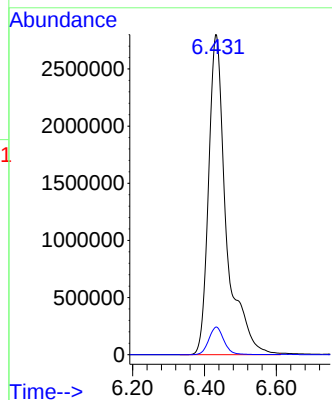
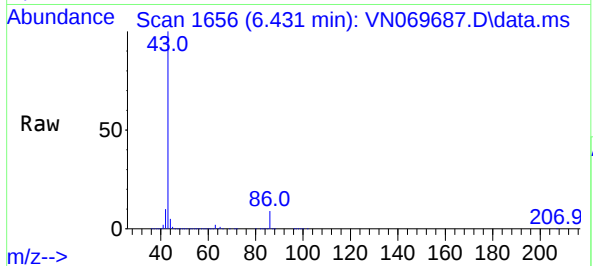
86 8.6 8.5 12.7

Manual Integrations

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Reviewed By :John Carlone 12/02/2021

Supervised By :Mahesh Dadoda 12/03/2021



#24

1,1-Dichloroethane

Concen: 52.824 ug/l

RT: 6.385 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VN069687.D

Acq: 1 Dec 2021 12:18

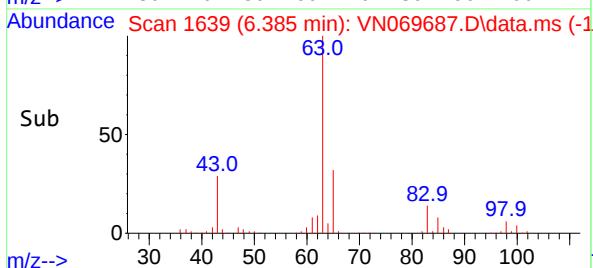
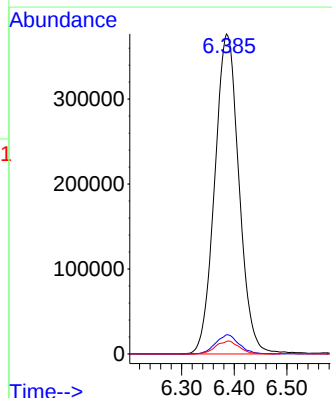
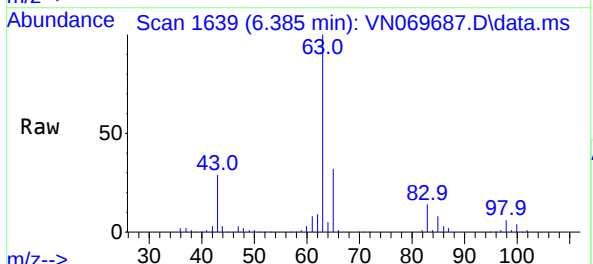
Tgt Ion: 63 Resp: 1203496

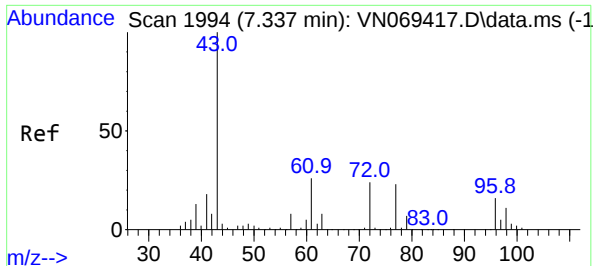
Ion Ratio Lower Upper

63 100

98 6.0 3.3 9.9

100 3.9 2.1 6.5





#25

2-Butanone

Concen: 260.515 ug/l

RT: 7.335 min Scan# 1994

Delta R.T. -0.002 min

Lab File: VN069687.D

Acq: 1 Dec 2021 12:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 3197904

Ion Ratio Lower Upper

43 100

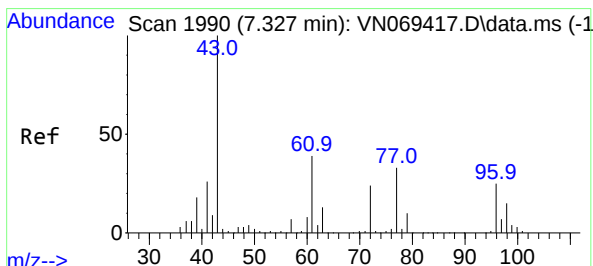
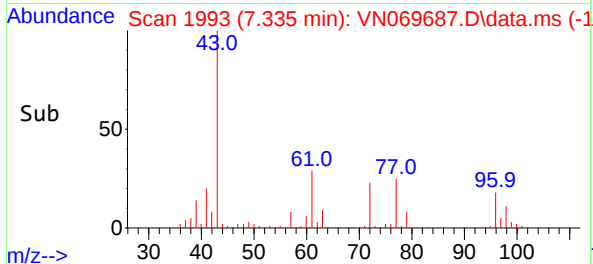
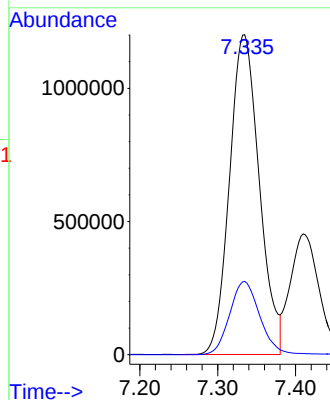
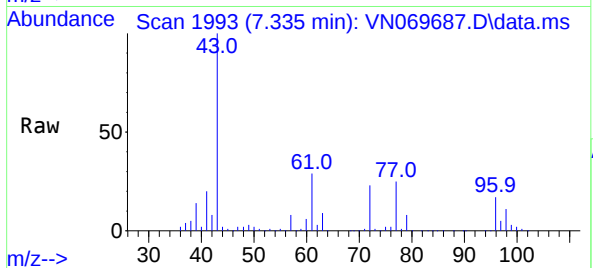
72 22.9 21.7 32.5

Manual Integrations

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Reviewed By :John Carlone 12/02/2021

Supervised By :Mahesh Dadoda 12/03/2021



#26

2,2-Dichloropropane

Concen: 57.226 ug/l

RT: 7.324 min Scan# 1989

Delta R.T. -0.003 min

Lab File: VN069687.D

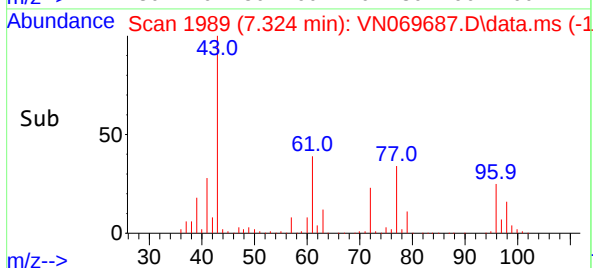
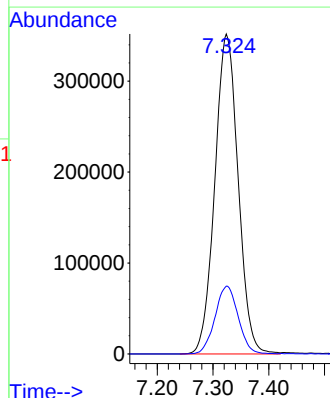
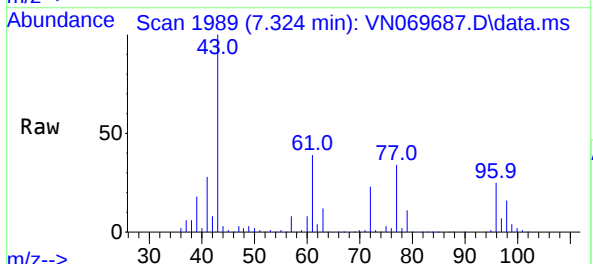
Acq: 1 Dec 2021 12:18

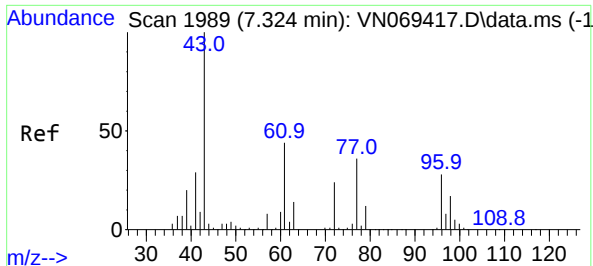
Tgt Ion: 77 Resp: 1020084

Ion Ratio Lower Upper

77 100

97 21.1 11.6 34.8





#27
cis-1,2-Dichloroethene
Concen: 52.508 ug/l
RT: 7.324 min Scan# 1989
Delta R.T. -0.000 min
Lab File: VN069687.D
Acq: 1 Dec 2021 12:18

Instrument :

MSVOA_N

ClientSampleId :

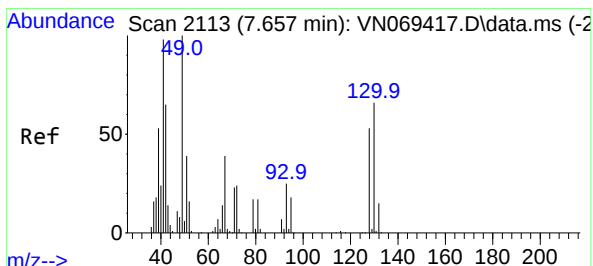
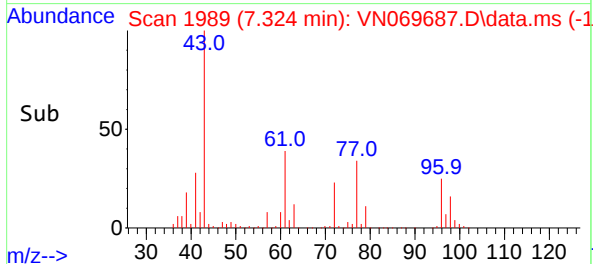
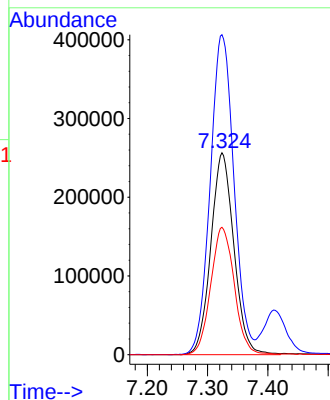
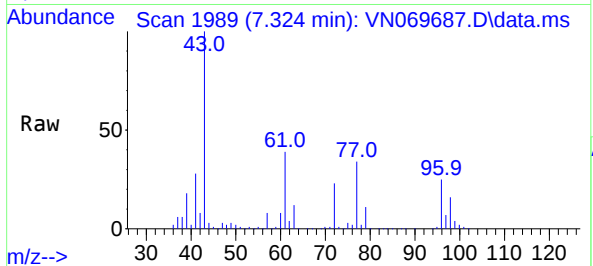
VSTDCCC050

Tgt Ion: 96 Resp: 68282
Ion Ratio Lower Upper
96 100
61 162.8 0.0 275.0
98 64.4 0.0 129.6

Manual Integrations

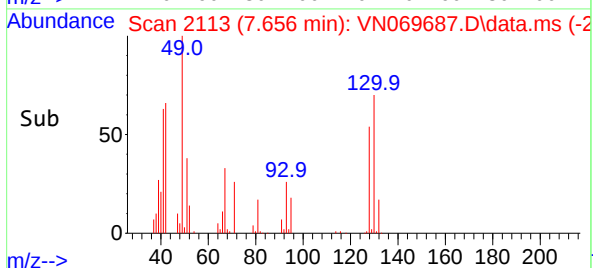
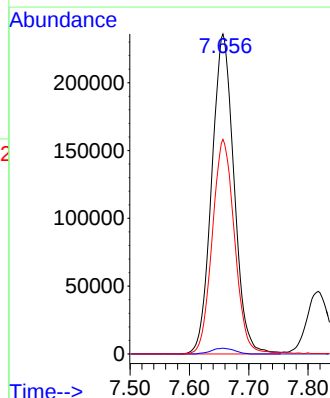
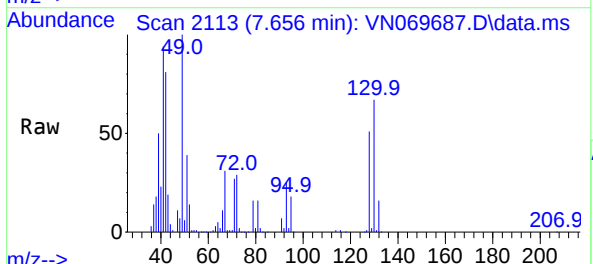
APPROVED

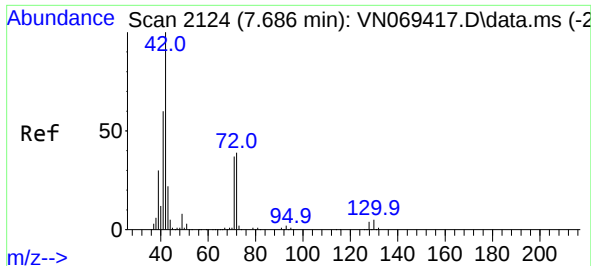
Reviewed By :John Carlone 12/02/2021
Supervised By :Mahesh Dadoda 12/03/2021



#28
Bromochloromethane
Concen: 52.785 ug/l
RT: 7.656 min Scan# 2113
Delta R.T. -0.001 min
Lab File: VN069687.D
Acq: 1 Dec 2021 12:18

Tgt Ion: 49 Resp: 615858
Ion Ratio Lower Upper
49 100
129 1.9 0.0 4.0
130 66.8 67.8 101.8#





#29

Tetrahydrofuran

Concen: 250.969 ug/l

RT: 7.683 min Scan# 21

Delta R.T. -0.003 min

Lab File: VN069687.D

Acq: 1 Dec 2021 12:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 189056

Ion Ratio Lower Upper

42 100

72 37.9 36.3 54.5

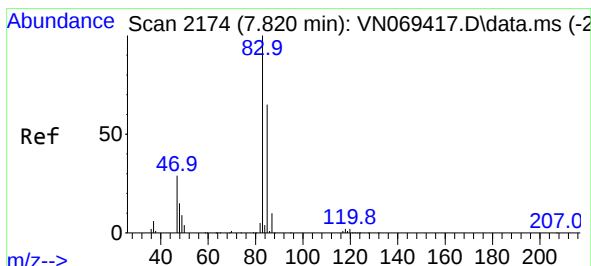
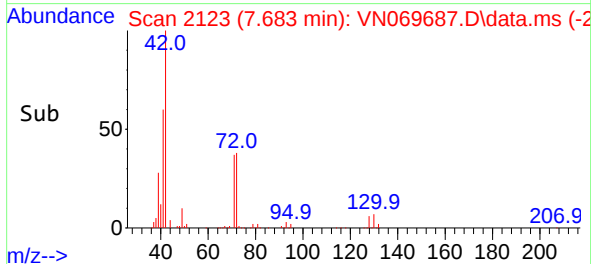
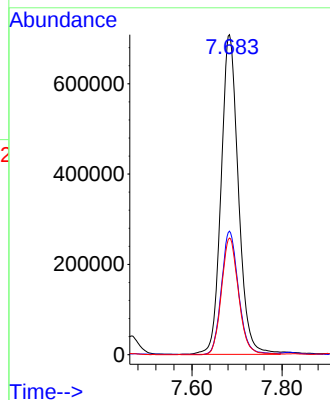
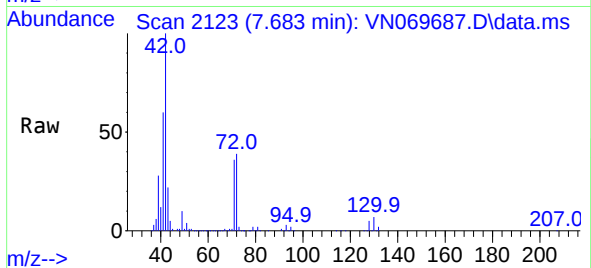
71 36.1 34.7 52.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/02/2021

Supervised By :Mahesh Dadoda 12/03/2021



#30

Chloroform

Concen: 54.007 ug/l

RT: 7.817 min Scan# 2173

Delta R.T. -0.003 min

Lab File: VN069687.D

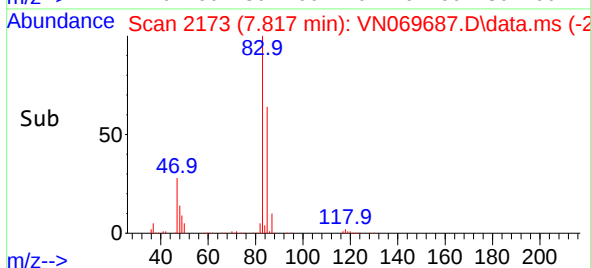
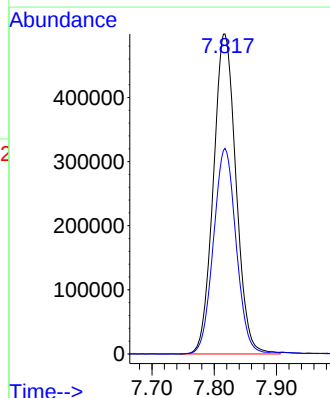
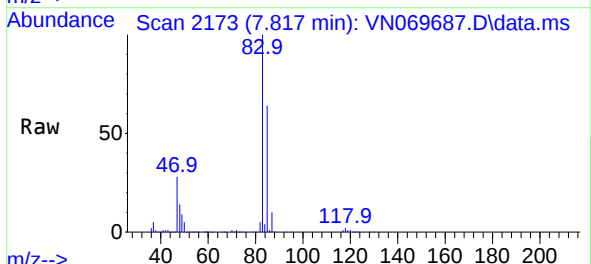
Acq: 1 Dec 2021 12:18

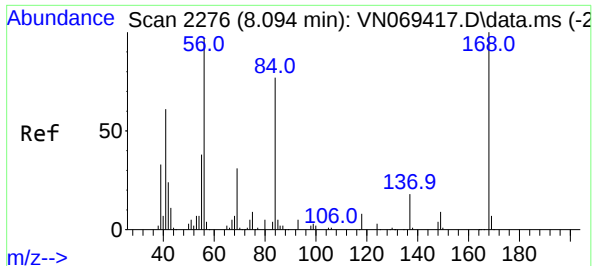
Tgt Ion: 83 Resp: 1261443

Ion Ratio Lower Upper

83 100

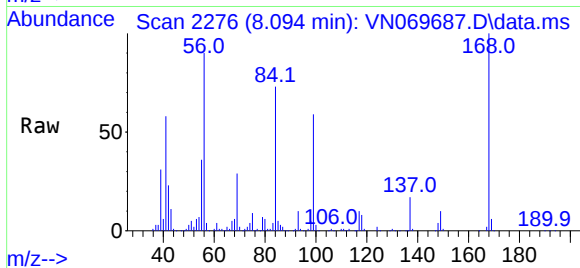
85 64.3 51.9 77.9





#31
Cyclohexane
Concen: 42.914 ug/l
RT: 8.094 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN069687.D
Acq: 1 Dec 2021 12:18

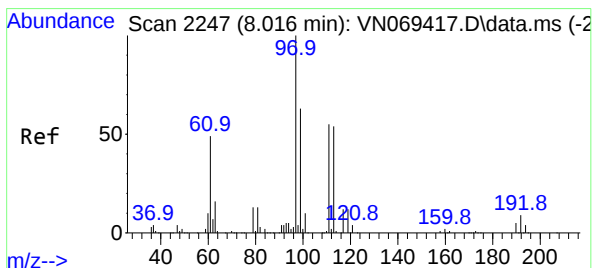
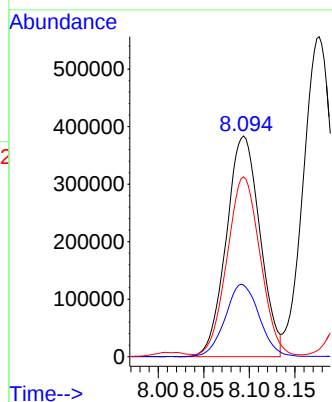
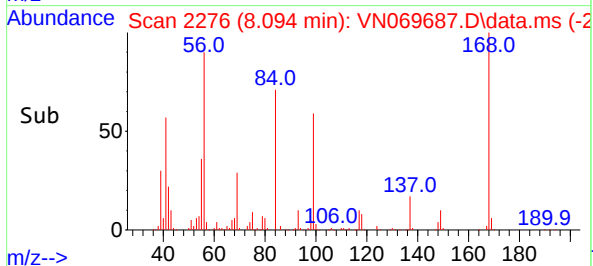
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



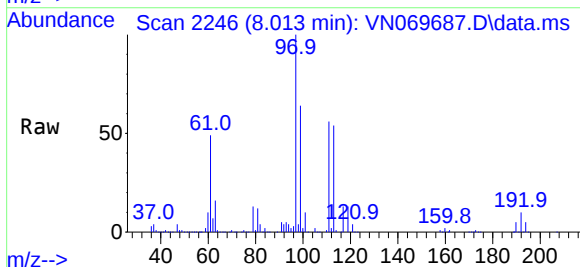
Tgt Ion: 56 Resp: 985068
Ion Ratio Lower Upper
56 100
69 32.5 27.1 40.7
84 79.8 73.4 110.0

Manual Integrations
APPROVED

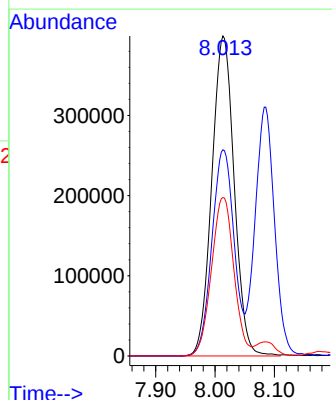
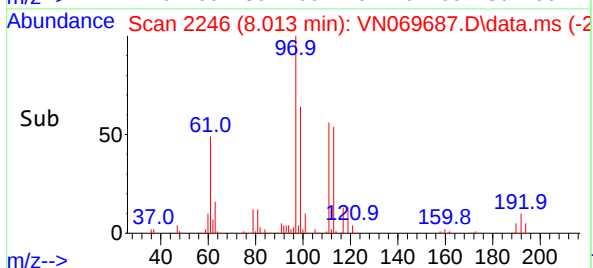
Reviewed By :John Carlone 12/02/2021
Supervised By :Mahesh Dadoda 12/03/2021



#32
1,1,1-Trichloroethane
Concen: 53.651 ug/l
RT: 8.013 min Scan# 2246
Delta R.T. -0.003 min
Lab File: VN069687.D
Acq: 1 Dec 2021 12:18



Tgt Ion: 97 Resp: 1045986
Ion Ratio Lower Upper
97 100
99 64.4 50.1 75.1
61 49.7 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 49.424 ug/l

RT: 8.434 min Scan# 2405

Delta R.T. -0.006 min

Lab File: VN069687.D

Acq: 1 Dec 2021 12:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 83043

Ion Ratio Lower Upper

65 100

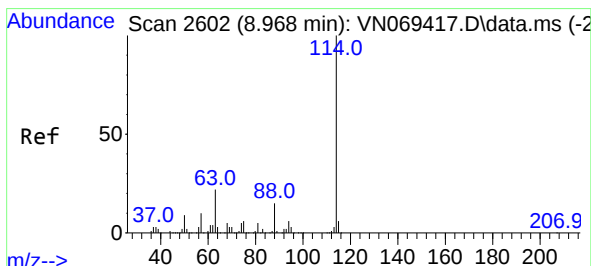
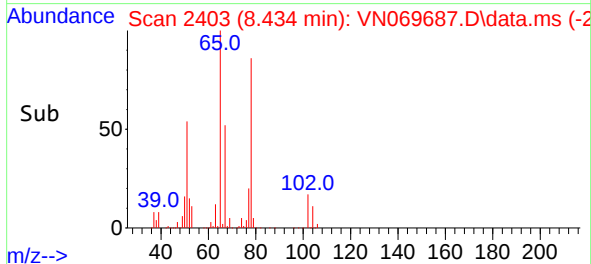
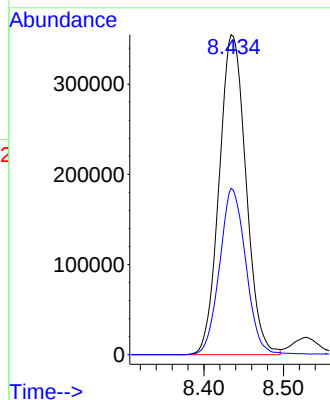
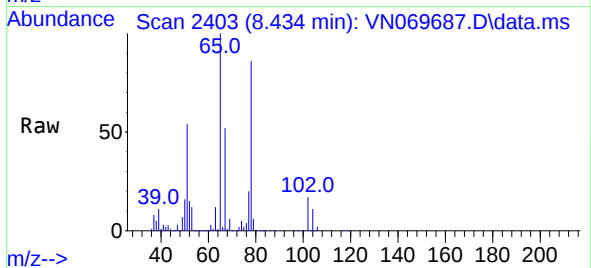
67 51.1 0.0 103.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/02/2021

Supervised By :Mahesh Dadoda 12/03/2021



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.965 min Scan# 2601

Delta R.T. -0.003 min

Lab File: VN069687.D

Acq: 1 Dec 2021 12:18

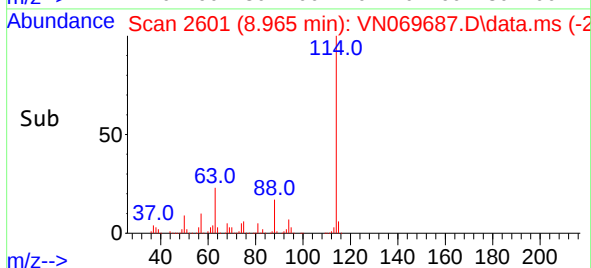
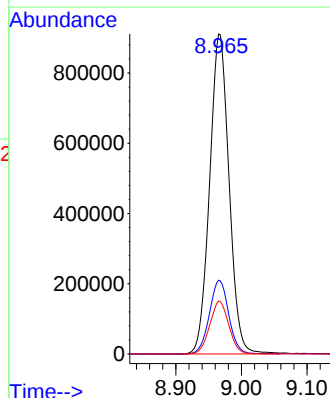
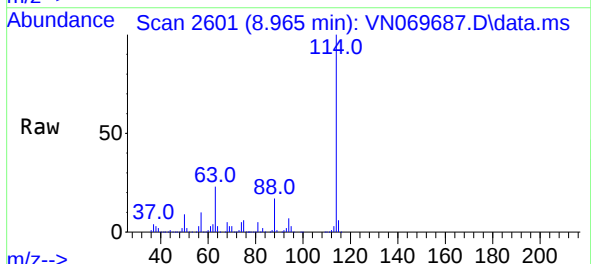
Tgt Ion:114 Resp: 1871460

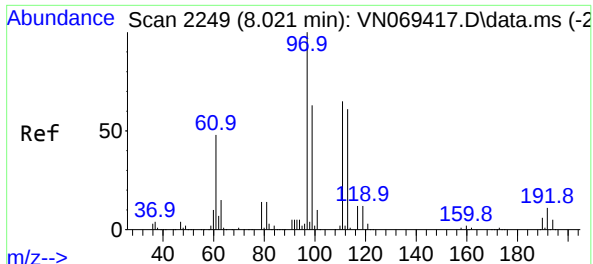
Ion Ratio Lower Upper

114 100

63 23.0 0.0 37.8

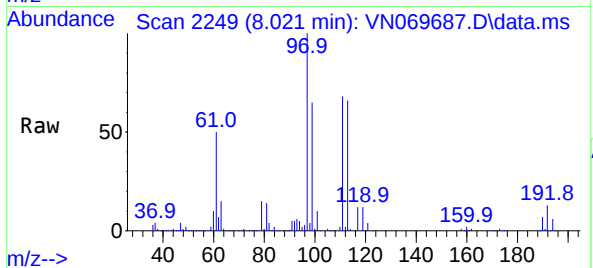
88 16.6 0.0 27.4





#35
Dibromofluoromethane
Concen: 51.708 ug/l
RT: 8.021 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN069687.D
Acq: 1 Dec 2021 12:18

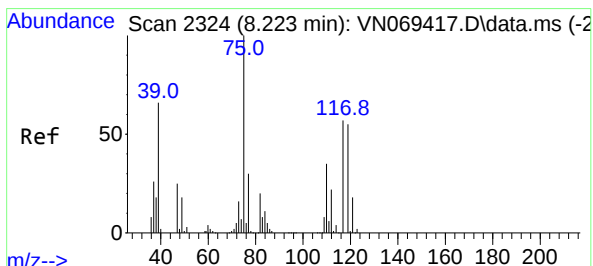
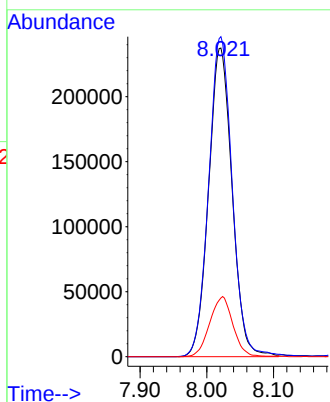
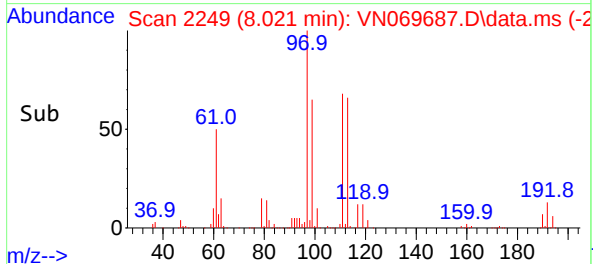
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



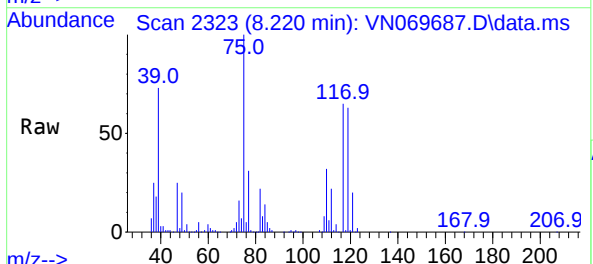
Tgt Ion:113 Resp: 580378
Ion Ratio Lower Upper
113 100
111 104.0 82.2 123.2
192 19.3 16.9 25.3

Manual Integrations
APPROVED

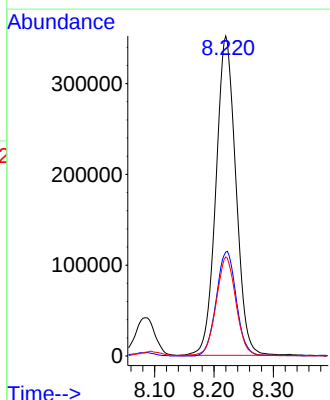
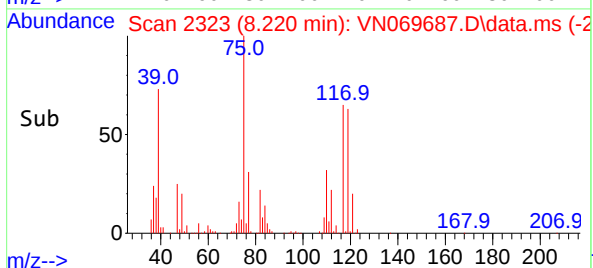
Reviewed By :John Carlone 12/02/2021
Supervised By :Mahesh Dadoda 12/03/2021

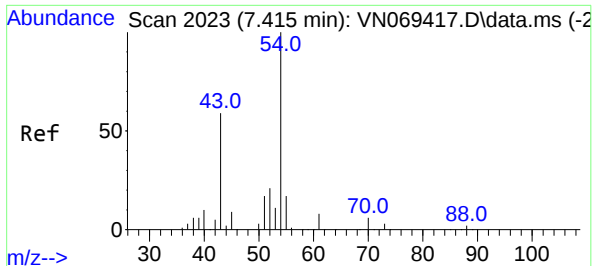


#36
1,1-Dichloropropene
Concen: 52.087 ug/l
RT: 8.220 min Scan# 2323
Delta R.T. -0.003 min
Lab File: VN069687.D
Acq: 1 Dec 2021 12:18



Tgt Ion: 75 Resp: 820213
Ion Ratio Lower Upper
75 100
110 33.0 18.4 55.2
77 30.7 24.4 36.6





#37
Ethyl Acetate
Concen: 55.502 ug/l
RT: 7.410 min Scan# 2021
Delta R.T. -0.005 min
Lab File: VN069687.D
Acq: 1 Dec 2021 12:18

Instrument :

MSVOA_N

ClientSampleId :

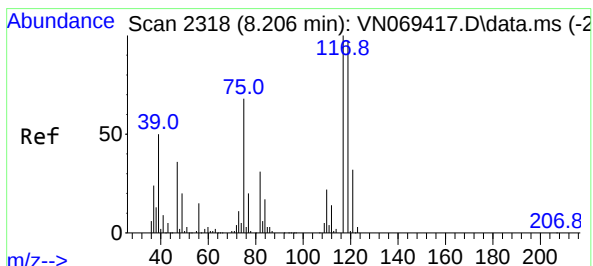
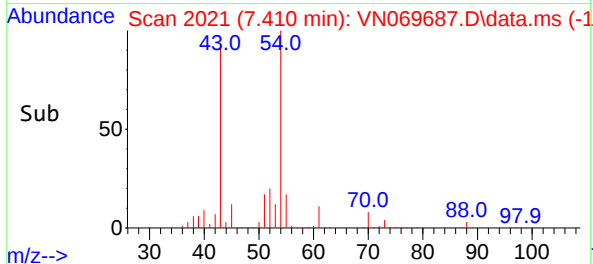
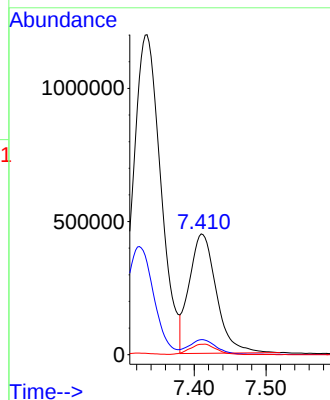
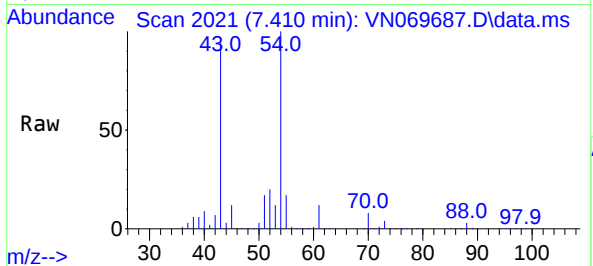
VSTDCCC050

Tgt Ion: 43 Resp: 118145
Ion Ratio Lower Upper
43 100
61 12.5 11.5 17.3
70 8.4 7.9 11.9

Manual Integrations

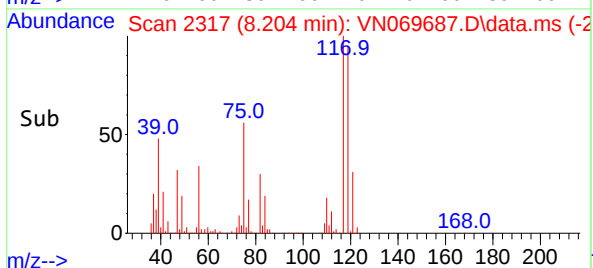
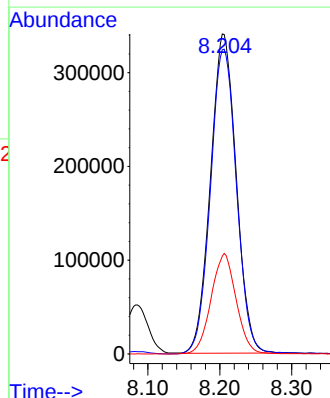
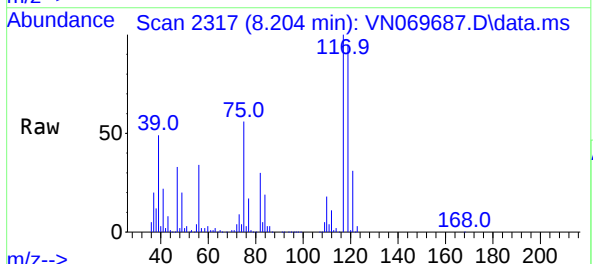
APPROVED

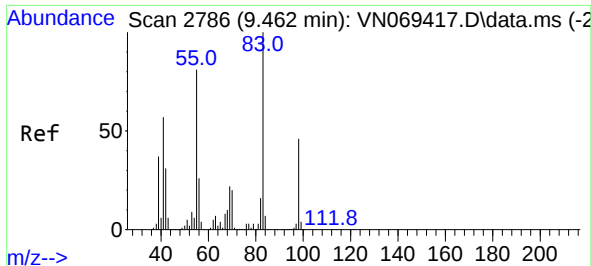
Reviewed By :John Carlone 12/02/2021
Supervised By :Mahesh Dadoda 12/03/2021



#38
Carbon Tetrachloride
Concen: 55.628 ug/l
RT: 8.204 min Scan# 2317
Delta R.T. -0.002 min
Lab File: VN069687.D
Acq: 1 Dec 2021 12:18

Tgt Ion:117 Resp: 845706
Ion Ratio Lower Upper
117 100
119 95.2 76.1 114.1
121 30.5 24.2 36.2





#39

Methylcyclohexane

Concen: 49.426 ug/l

RT: 9.459 min Scan# 21

Delta R.T. -0.003 min

Lab File: VN069687.D

Acq: 1 Dec 2021 12:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 968218

Ion Ratio Lower Upper

83 100

55 84.6 58.1 87.1

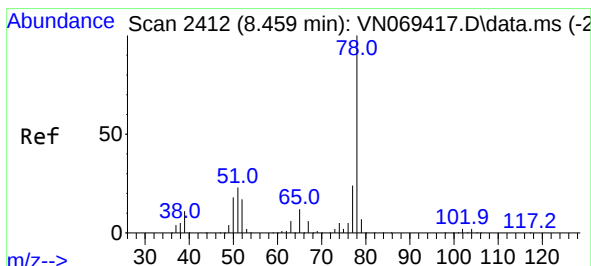
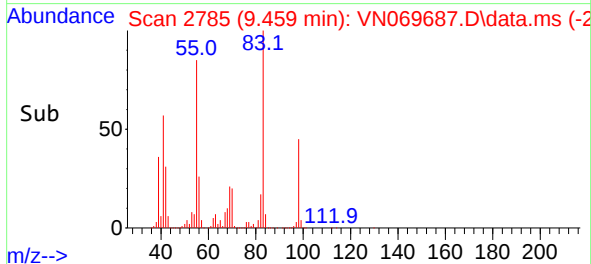
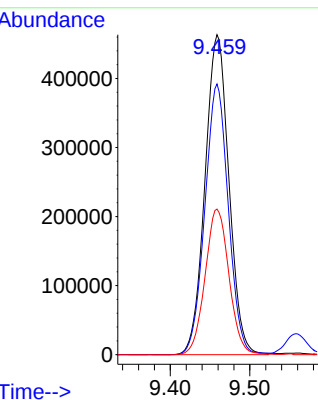
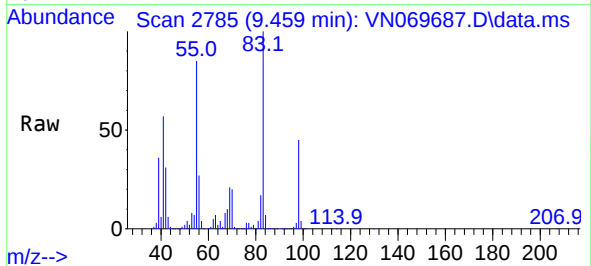
98 45.5 38.4 57.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/02/2021

Supervised By :Mahesh Dadoda 12/03/2021



#40

Benzene

Concen: 52.590 ug/l

RT: 8.458 min Scan# 2412

Delta R.T. -0.001 min

Lab File: VN069687.D

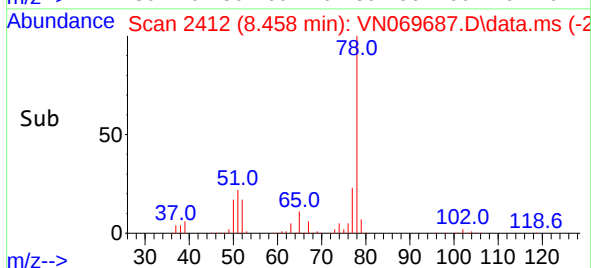
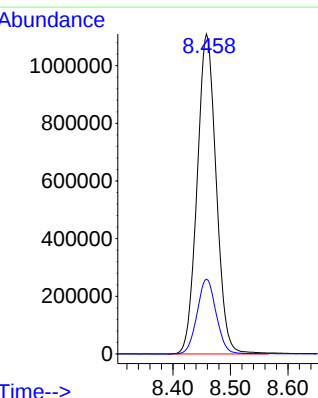
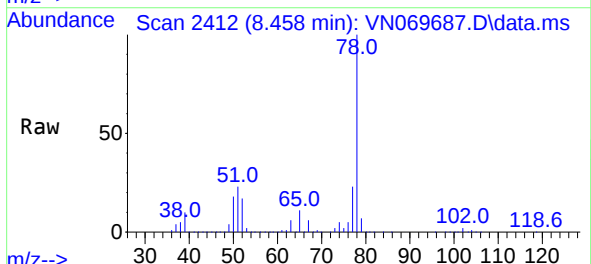
Acq: 1 Dec 2021 12:18

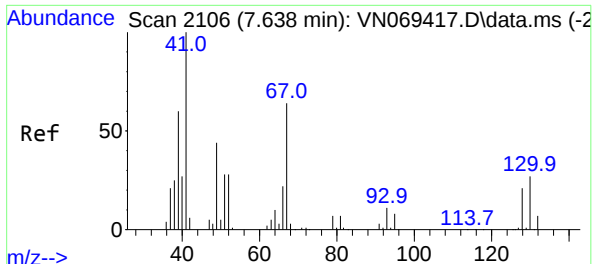
Tgt Ion: 78 Resp: 2556214

Ion Ratio Lower Upper

78 100

77 23.3 18.6 27.8





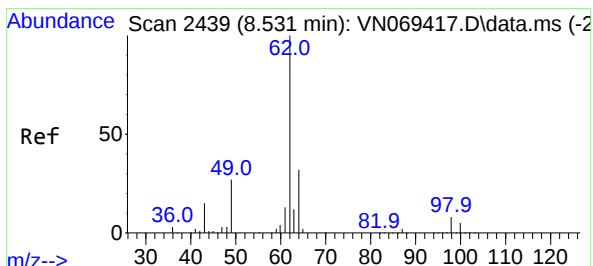
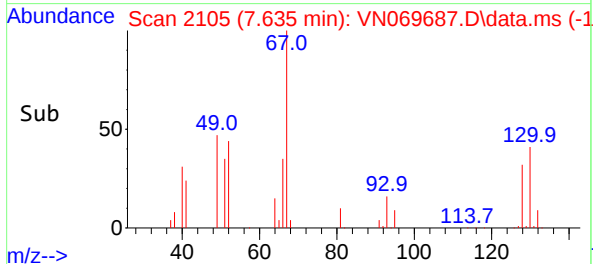
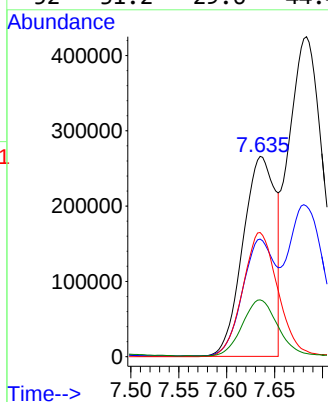
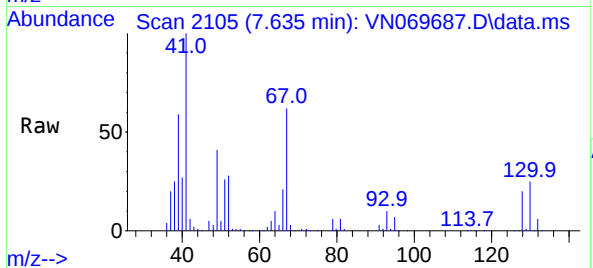
#41
Methacrylonitrile
Concen: 56.780 ug/l
RT: 7.635 min Scan# 2106
Delta R.T. -0.003 min
Lab File: VN069687.D
Acq: 1 Dec 2021 12:18

Instrument : MSVOA_N
Client SampleId : VSTDCCC050

Tgt Ion: 41 Resp: 624520
Ion Ratio Lower Upper
41 100
39 57.8 48.1 72.1
67 67.7 68.3 102.5
52 31.2 29.6 44.4

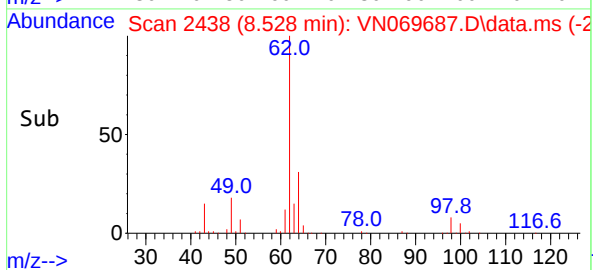
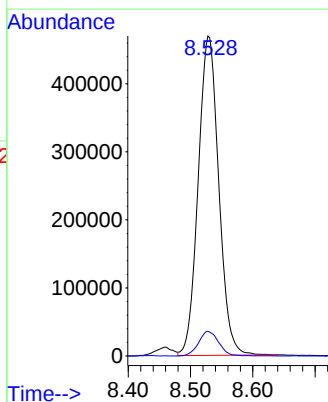
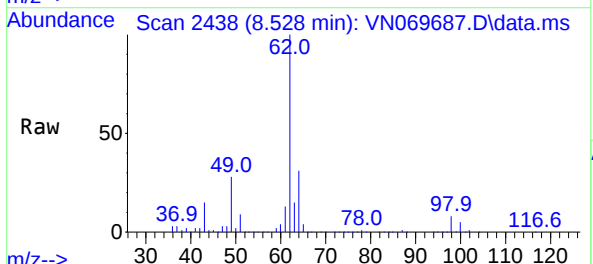
Manual Integrations
APPROVED

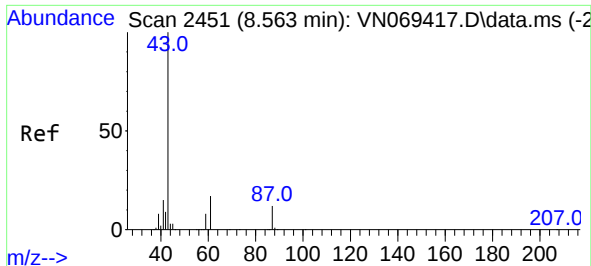
Reviewed By :John Carlone 12/02/2021
Supervised By :Mahesh Dadoda 12/03/2021



#42
1,2-Dichloroethane
Concen: 56.494 ug/l
RT: 8.528 min Scan# 2438
Delta R.T. -0.003 min
Lab File: VN069687.D
Acq: 1 Dec 2021 12:18

Tgt Ion: 62 Resp: 1075198
Ion Ratio Lower Upper
62 100
98 7.6 0.0 17.6





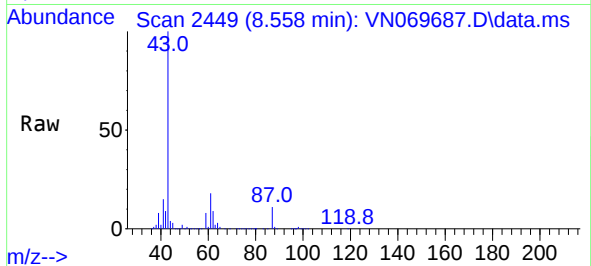
#43
Isopropyl Acetate
Concen: 56.283 ug/l
RT: 8.558 min Scan# 2449
Delta R.T. -0.005 min
Lab File: VN069687.D
Acq: 1 Dec 2021 12:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

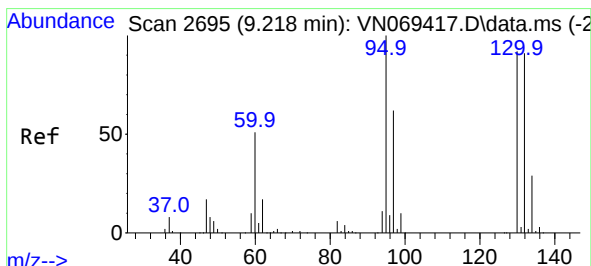
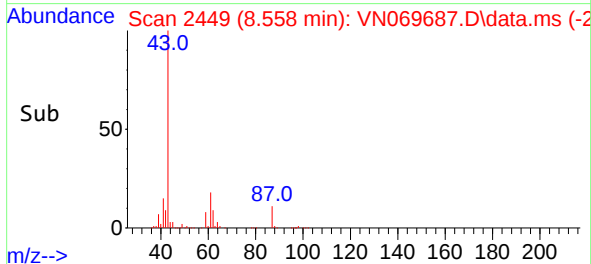
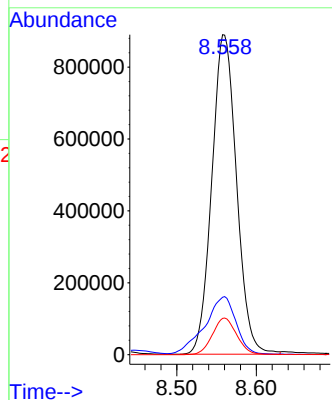


Tgt Ion: 43 Resp: 1924380
Ion Ratio Lower Upper
43 100
61 22.8 20.4 30.6
87 11.3 11.2 16.8

Manual Integrations

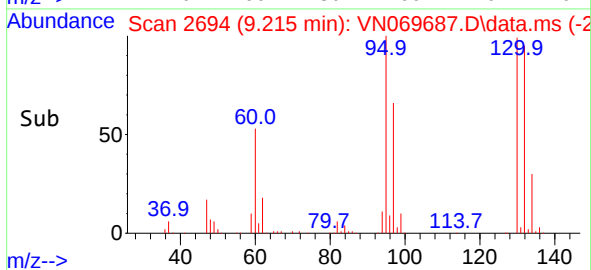
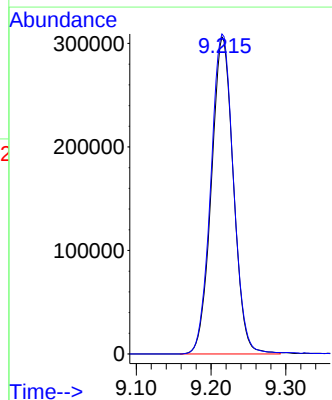
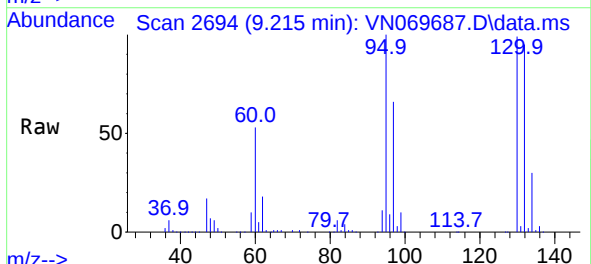
APPROVED

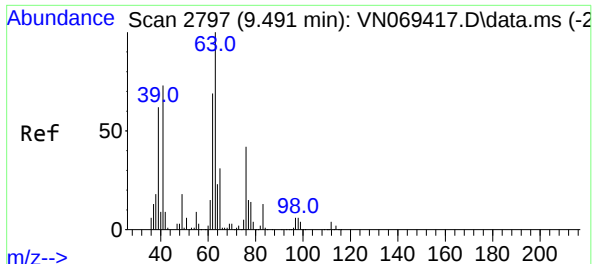
Reviewed By :John Carlone 12/02/2021
Supervised By :Mahesh Dadoda 12/03/2021



#44
Trichloroethene
Concen: 53.768 ug/l
RT: 9.215 min Scan# 2694
Delta R.T. -0.003 min
Lab File: VN069687.D
Acq: 1 Dec 2021 12:18

Tgt Ion:130 Resp: 625469
Ion Ratio Lower Upper
130 100
95 101.0 0.0 191.2





#45

1,2-Dichloropropane

Concen: 57.271 ug/l

RT: 9.488 min Scan# 21

Delta R.T. -0.003 min

Lab File: VN069687.D

Acq: 1 Dec 2021 12:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 74373

Ion Ratio Lower Upper

63 100

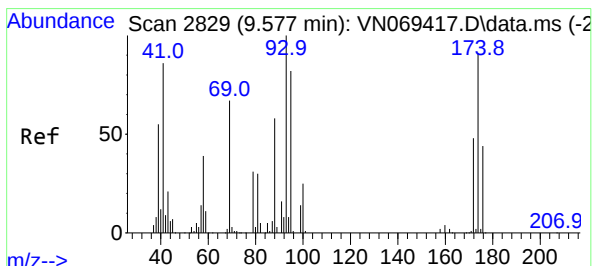
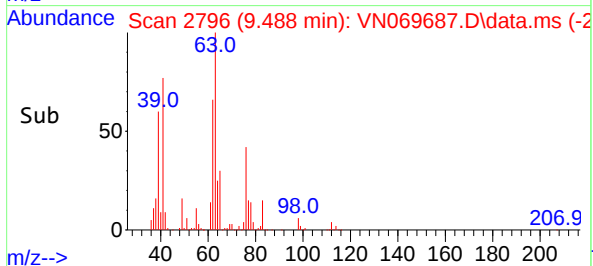
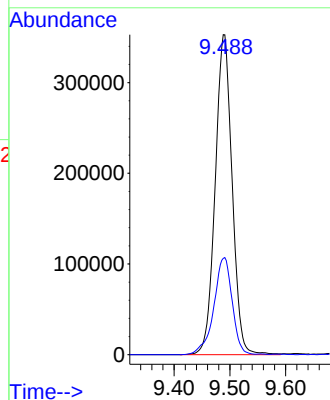
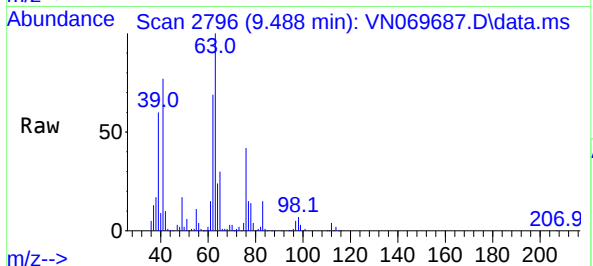
65 30.1 24.7 37.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/02/2021

Supervised By :Mahesh Dadoda 12/03/2021



#46

Dibromomethane

Concen: 53.940 ug/l

RT: 9.577 min Scan# 2829

Delta R.T. -0.000 min

Lab File: VN069687.D

Acq: 1 Dec 2021 12:18

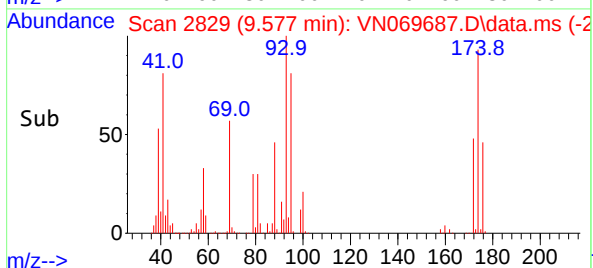
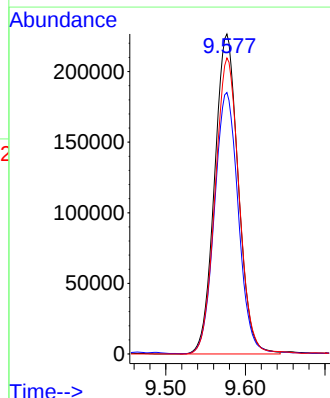
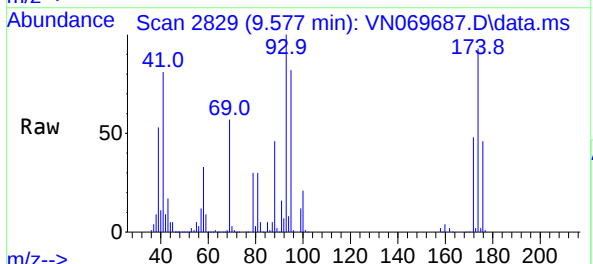
Tgt Ion: 93 Resp: 469183

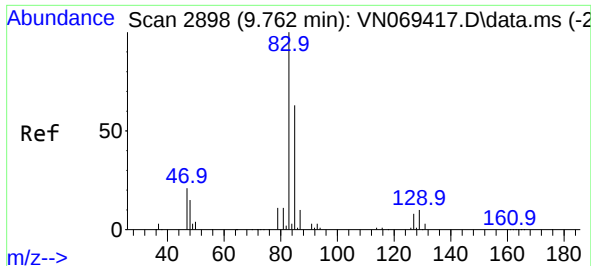
Ion Ratio Lower Upper

93 100

95 82.5 65.9 98.9

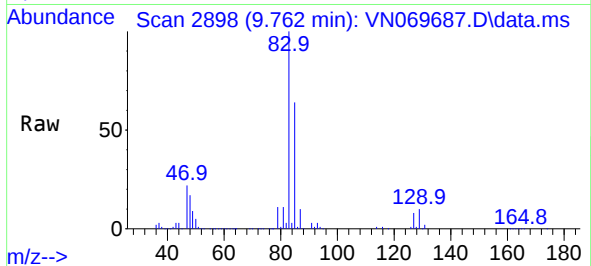
174 93.7 84.6 127.0





#47
Bromodichloromethane
Concen: 60.040 ug/l
RT: 9.762 min Scan# 2898
Delta R.T. -0.000 min
Lab File: VN069687.D
Acq: 1 Dec 2021 12:18

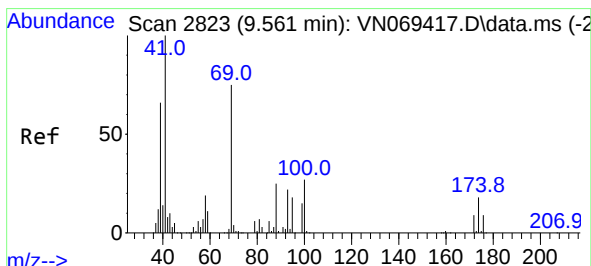
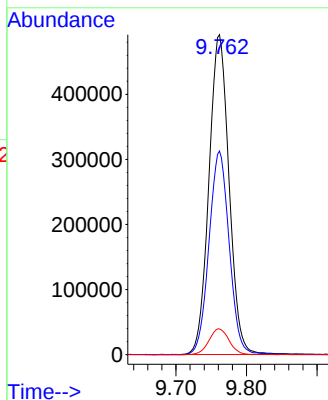
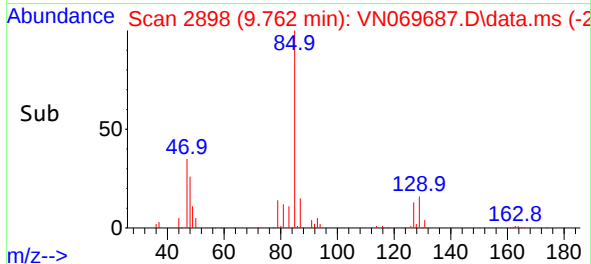
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



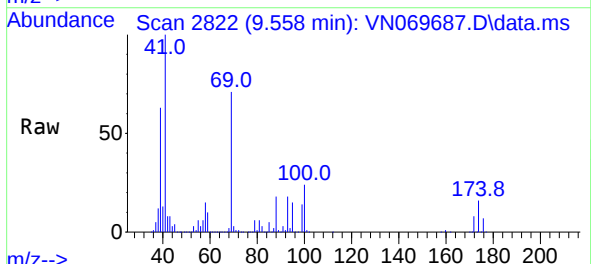
Tgt Ion: 83 Resp: 97453
Ion Ratio Lower Upper
83 100
85 63.7 50.9 76.3
127 8.0 7.1 10.7

Manual Integrations
APPROVED

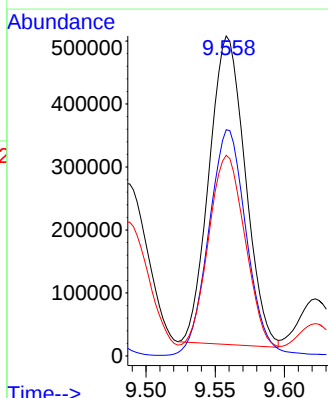
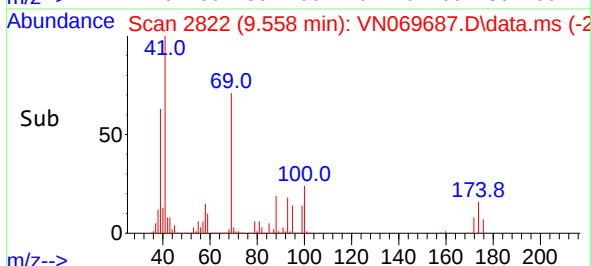
Reviewed By :John Carlone 12/02/2021
Supervised By :Mahesh Dadoda 12/03/2021

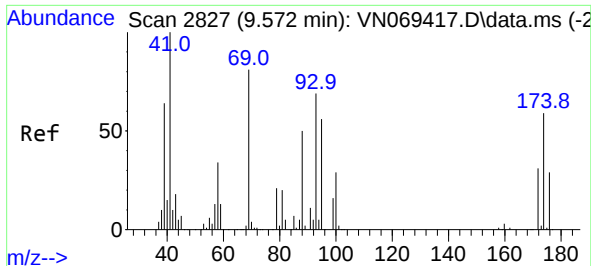


#48
Methyl methacrylate
Concen: 55.141 ug/l
RT: 9.558 min Scan# 2822
Delta R.T. -0.003 min
Lab File: VN069687.D
Acq: 1 Dec 2021 12:18



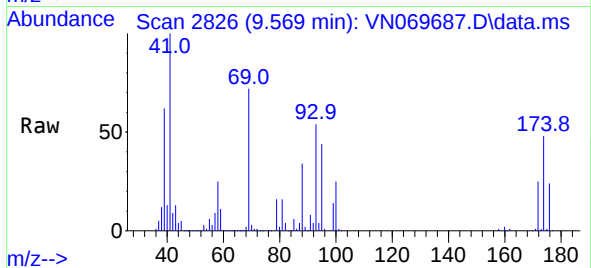
Tgt Ion: 41 Resp: 887014
Ion Ratio Lower Upper
41 100
69 76.5 72.4 108.6
39 69.0 58.4 87.6





#49
1,4-Dioxane
Concen: 858.289 ug/l
RT: 9.569 min Scan# 2827
Delta R.T. -0.003 min
Lab File: VN069687.D
Acq: 1 Dec 2021 12:18

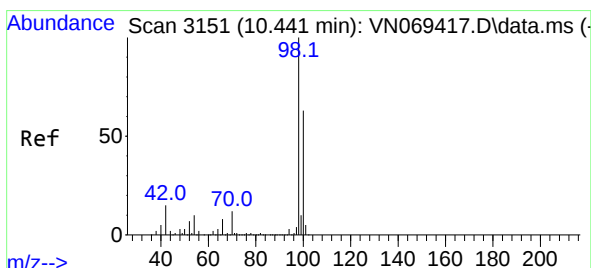
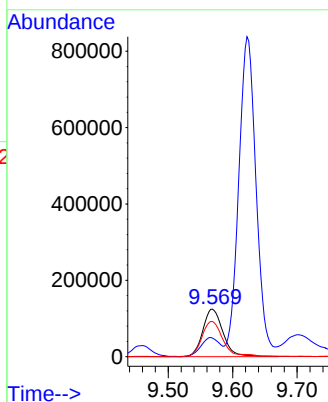
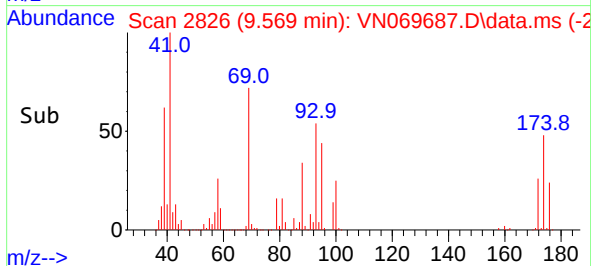
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 88 Resp: 271779
Ion Ratio Lower Upper
88 100
43 36.3 23.4 35.2
58 78.3 50.6 75.8

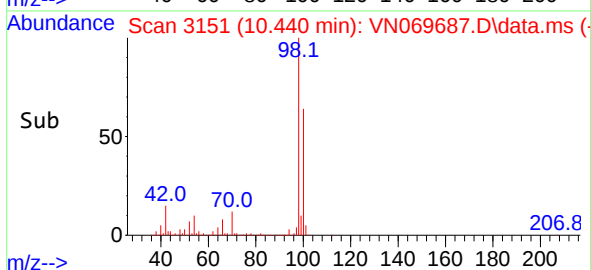
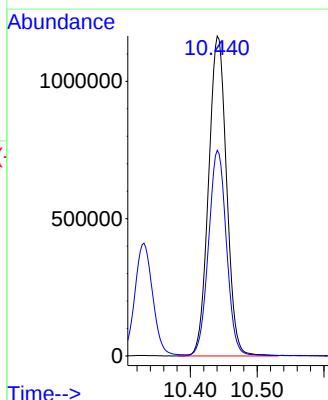
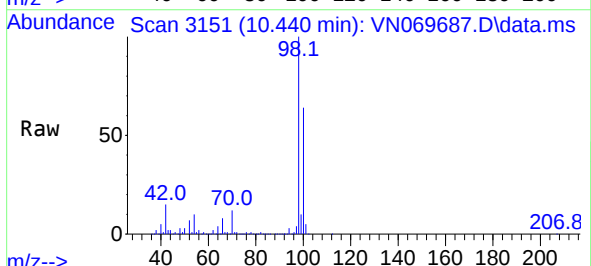
Manual Integrations
APPROVED

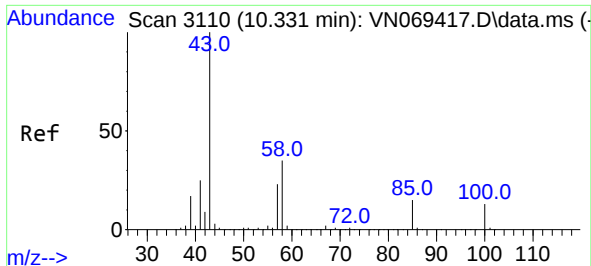
Reviewed By :John Carlone 12/02/2021
Supervised By :Mahesh Dadoda 12/03/2021



#50
Toluene-d8
Concen: 49.465 ug/l
RT: 10.440 min Scan# 3151
Delta R.T. -0.001 min
Lab File: VN069687.D
Acq: 1 Dec 2021 12:18

Tgt Ion: 98 Resp: 2183603
Ion Ratio Lower Upper
98 100
100 63.8 50.4 75.6





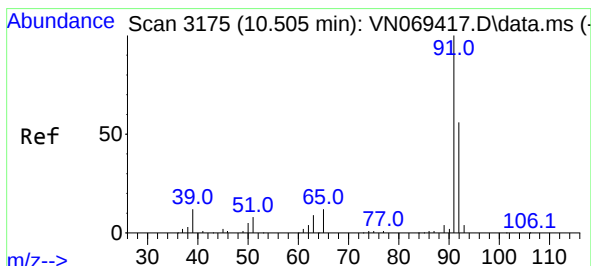
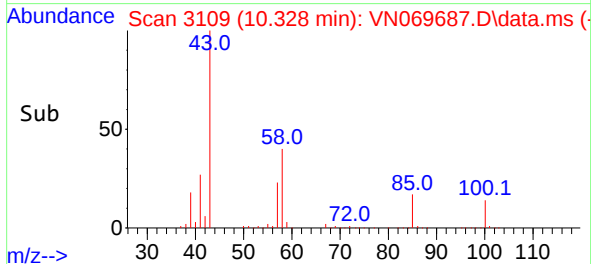
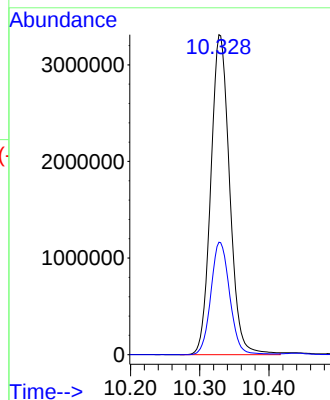
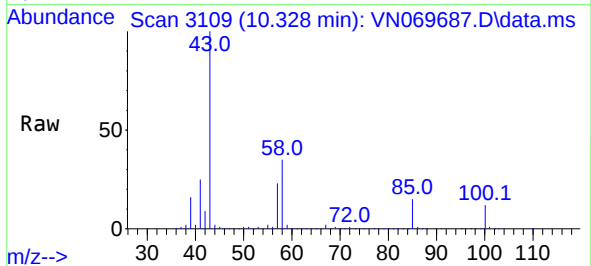
#51
4-Methyl-2-Pentanone
Concen: 283.205 ug/l
RT: 10.328 min Scan# 3110
Delta R.T. -0.003 min
Lab File: VN069687.D
Acq: 1 Dec 2021 12:18

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 625019
Ion Ratio Lower Upper
43 100
58 35.2 30.4 45.6

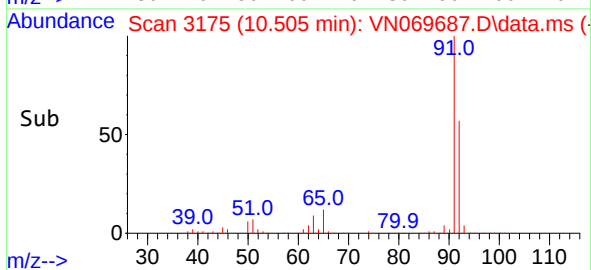
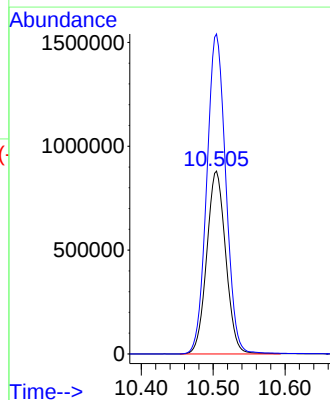
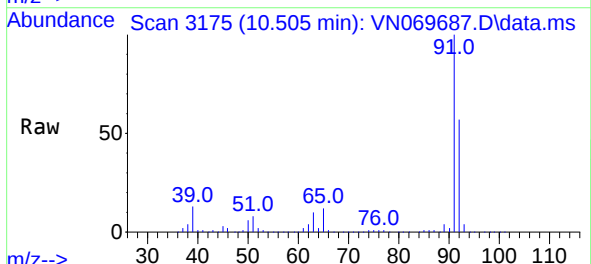
Manual Integrations
APPROVED

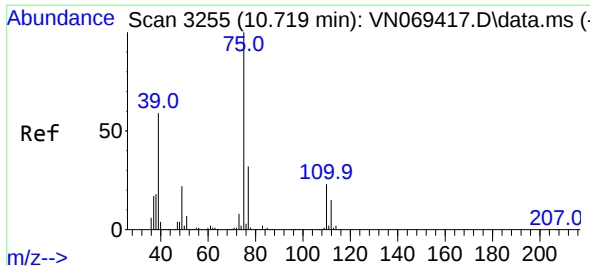
Reviewed By :John Carlone 12/02/2021
Supervised By :Mahesh Dadoda 12/03/2021



#52
Toluene
Concen: 53.359 ug/l
RT: 10.505 min Scan# 3175
Delta R.T. -0.000 min
Lab File: VN069687.D
Acq: 1 Dec 2021 12:18

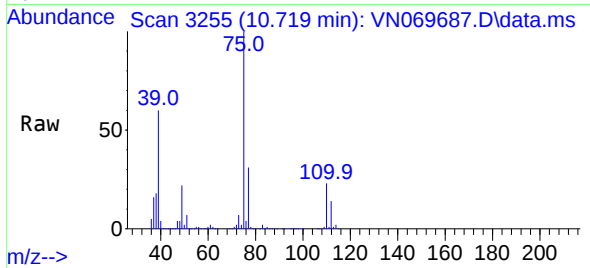
Tgt Ion: 92 Resp: 1615746
Ion Ratio Lower Upper
92 100
91 176.1 142.0 213.0





#53
t-1,3-Dichloropropene
Concen: 52.936 ug/l
RT: 10.719 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN069687.D
Acq: 1 Dec 2021 12:18

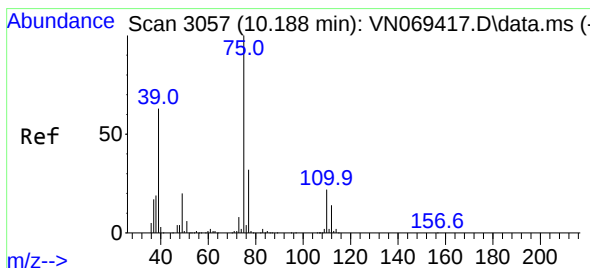
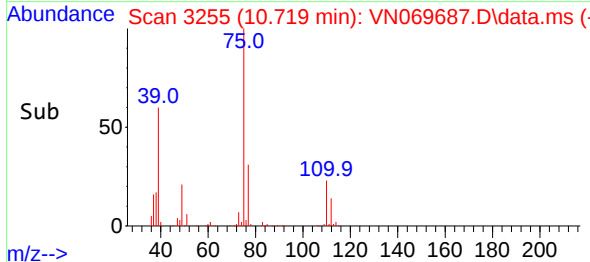
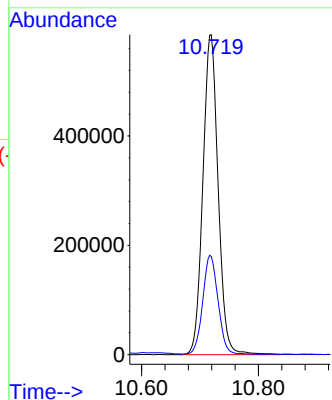
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 1059690
Ion Ratio Lower Upper
75 100
77 30.6 25.6 38.4

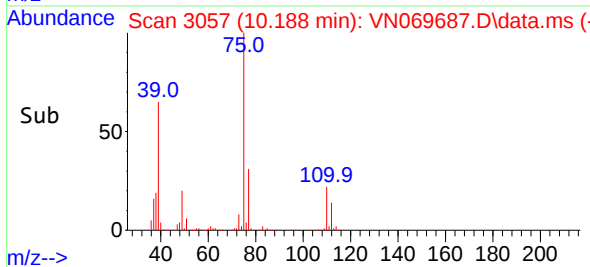
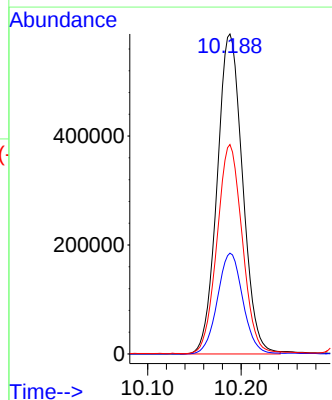
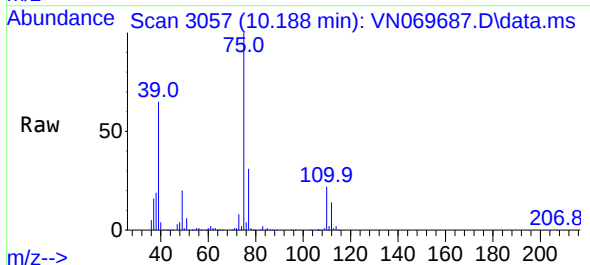
Manual Integrations
APPROVED

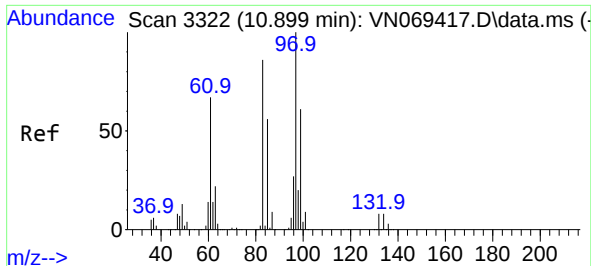
Reviewed By :John Carlone 12/02/2021
Supervised By :Mahesh Dadoda 12/03/2021



#54
cis-1,3-Dichloropropene
Concen: 52.790 ug/l
RT: 10.188 min Scan# 3057
Delta R.T. 0.000 min
Lab File: VN069687.D
Acq: 1 Dec 2021 12:18

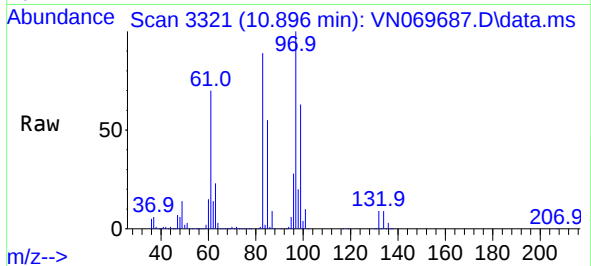
Tgt Ion: 75 Resp: 1112296
Ion Ratio Lower Upper
75 100
77 31.5 26.4 39.6
39 65.3 42.5 63.7#





#55
1,1,2-Trichloroethane
Concen: 58.158 ug/l
RT: 10.896 min Scan# 31
Delta R.T. -0.003 min
Lab File: VN069687.D
Acq: 1 Dec 2021 12:18

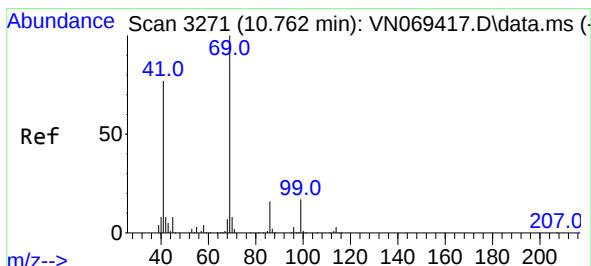
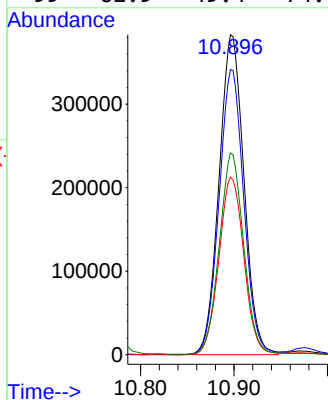
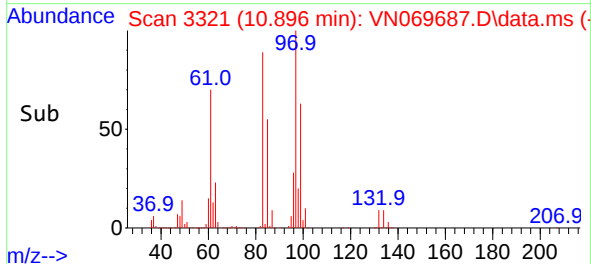
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



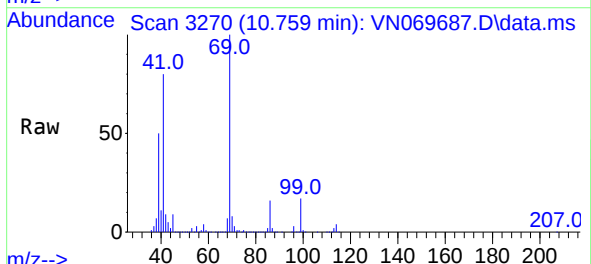
Tgt Ion: 97 Resp: 70989
Ion Ratio Lower Upper
97 100
83 89.1 67.8 101.6
85 55.5 45.4 68.2
99 62.9 49.4 74.0

Manual Integrations
APPROVED

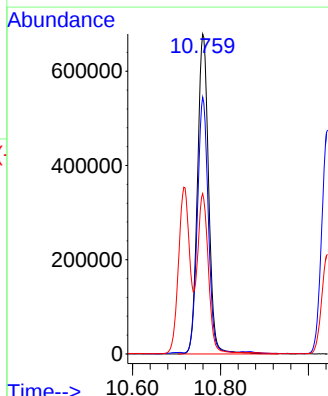
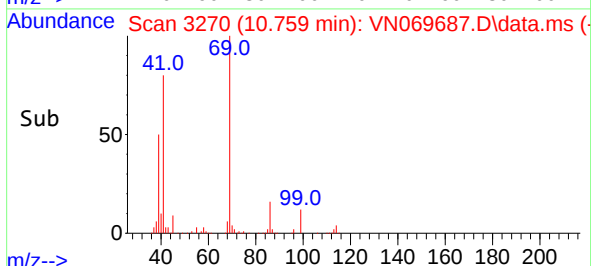
Reviewed By :John Carlone 12/02/2021
Supervised By :Mahesh Dadoda 12/03/2021

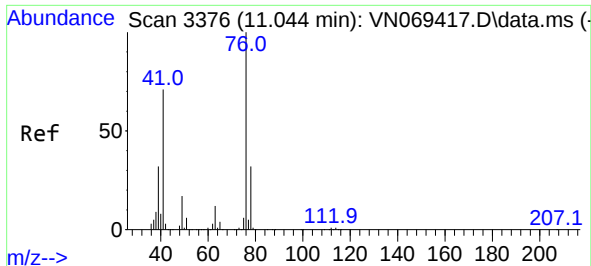


#56
Ethyl methacrylate
Concen: 51.846 ug/l
RT: 10.759 min Scan# 3270
Delta R.T. -0.003 min
Lab File: VN069687.D
Acq: 1 Dec 2021 12:18



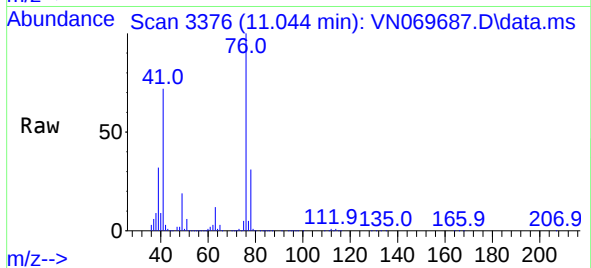
Tgt Ion: 69 Resp: 1194439
Ion Ratio Lower Upper
69 100
41 77.8 51.4 77.0#
39 47.1 34.6 52.0





#57
1,3-Dichloropropane
Concen: 56.970 ug/l
RT: 11.044 min Scan# 3376
Delta R.T. -0.000 min
Lab File: VN069687.D
Acq: 1 Dec 2021 12:18

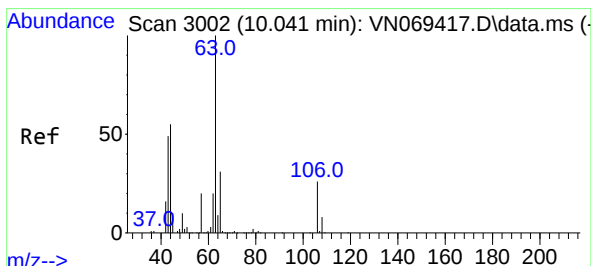
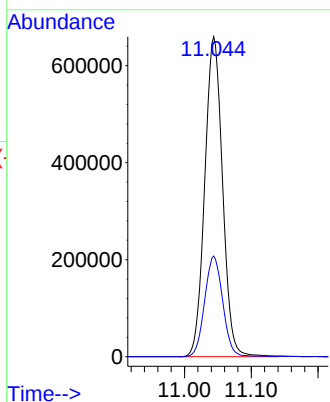
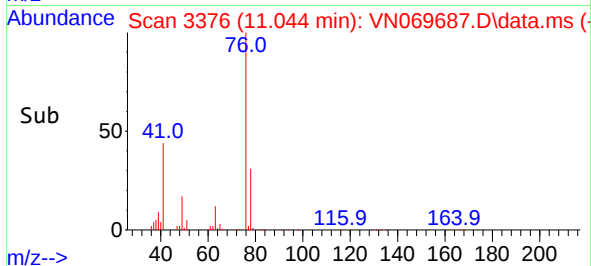
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



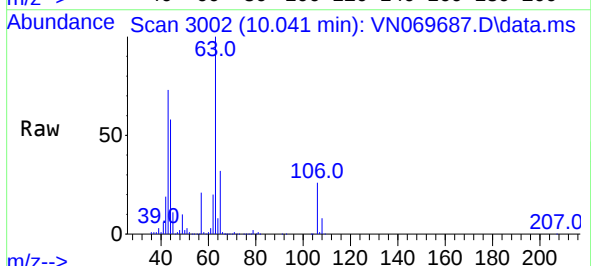
Tgt Ion: 76 Resp: 122196
Ion Ratio Lower Upper
76 100
78 31.9 25.7 38.5

Manual Integrations
APPROVED

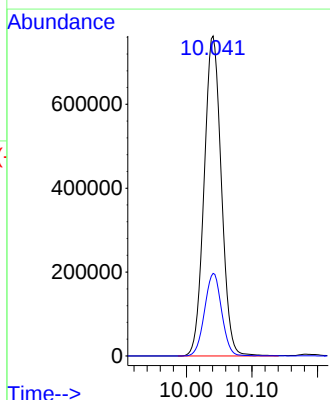
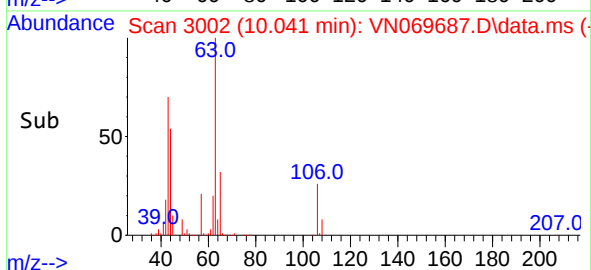
Reviewed By :John Carlone 12/02/2021
Supervised By :Mahesh Dadoda 12/03/2021

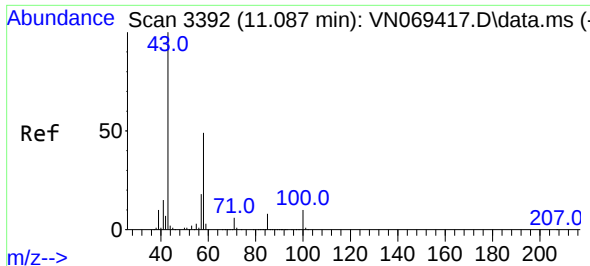


#58
2-Chloroethyl Vinyl ether
Concen: 236.280 ug/l
RT: 10.041 min Scan# 3002
Delta R.T. -0.000 min
Lab File: VN069687.D
Acq: 1 Dec 2021 12:18



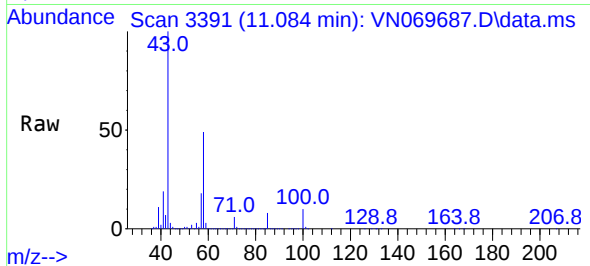
Tgt Ion: 63 Resp: 1389418
Ion Ratio Lower Upper
63 100
106 25.6 23.9 35.9





#59
2-Hexanone
Concen: 247.896 ug/l
RT: 11.084 min Scan# 31
Delta R.T. -0.003 min
Lab File: VN069687.D
Acq: 1 Dec 2021 12:18

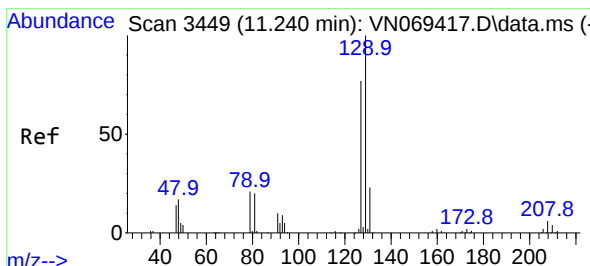
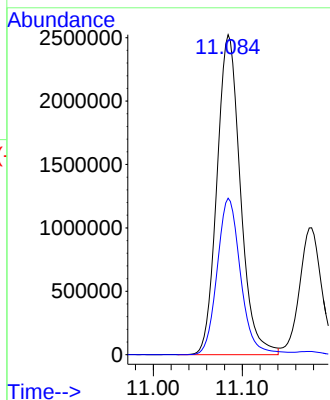
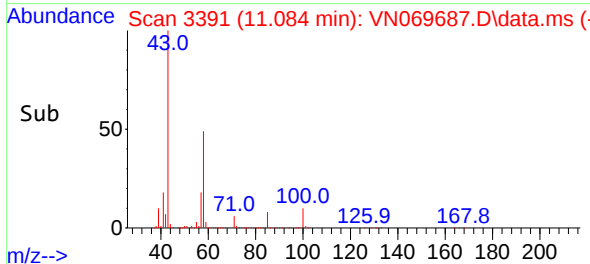
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 461804
Ion Ratio Lower Upper
43 100
58 49.0 26.9 80.7

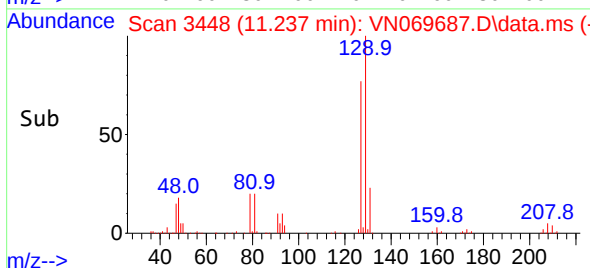
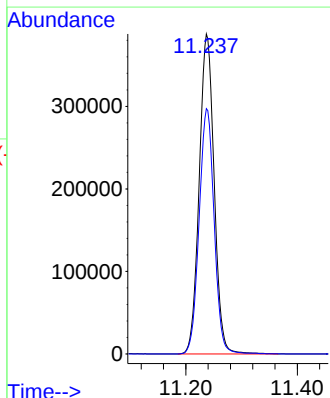
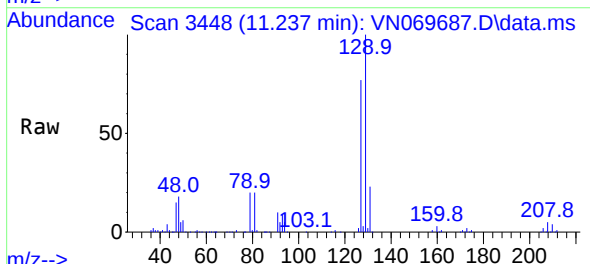
Manual Integrations
APPROVED

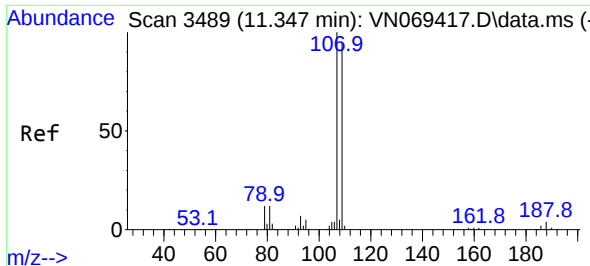
Reviewed By :John Carlone 12/02/2021
Supervised By :Mahesh Dadoda 12/03/2021



#60
Dibromochloromethane
Concen: 53.544 ug/l
RT: 11.237 min Scan# 3448
Delta R.T. -0.003 min
Lab File: VN069687.D
Acq: 1 Dec 2021 12:18

Tgt Ion:129 Resp: 719759
Ion Ratio Lower Upper
129 100
127 77.1 38.6 116.0





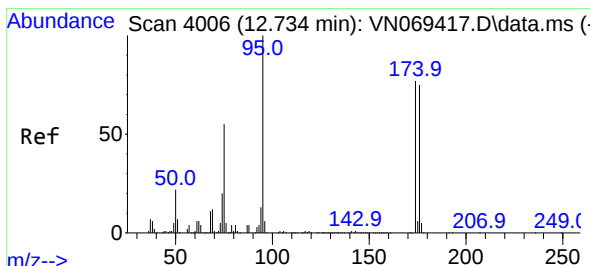
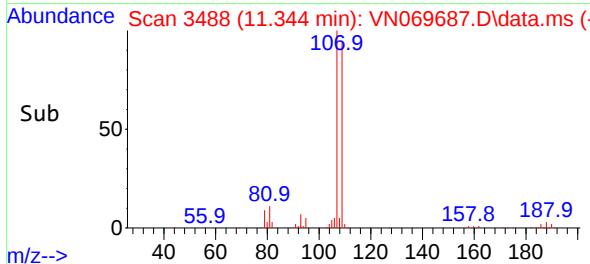
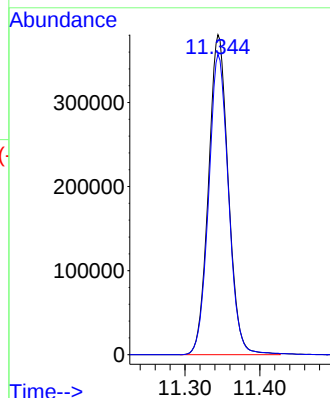
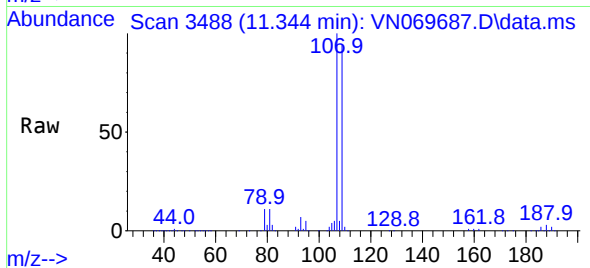
#61
1,2-Dibromoethane
Concen: 51.383 ug/l
RT: 11.344 min Scan# 3489
Delta R.T. -0.003 min
Lab File: VN069687.D
Acq: 1 Dec 2021 12:18

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:107 Resp: 70047
Ion Ratio Lower Upper
107 100
109 94.2 75.7 113.5

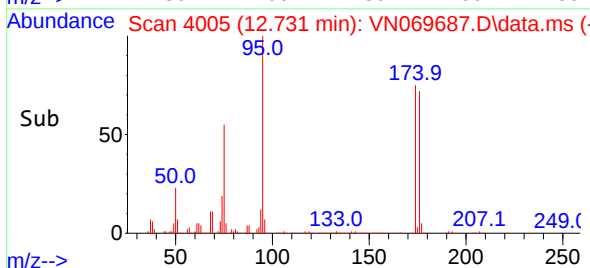
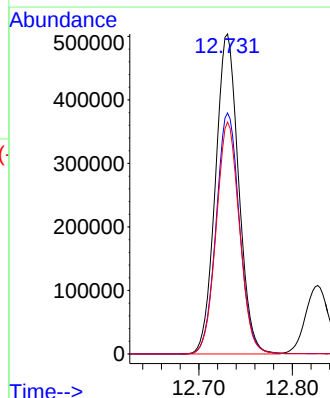
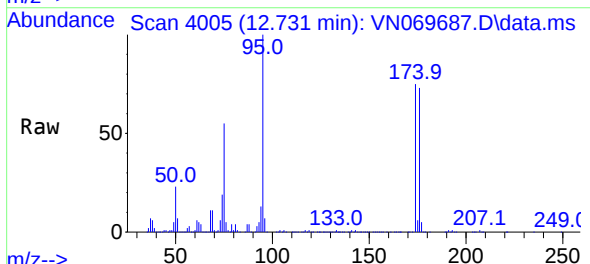
Manual Integrations
APPROVED

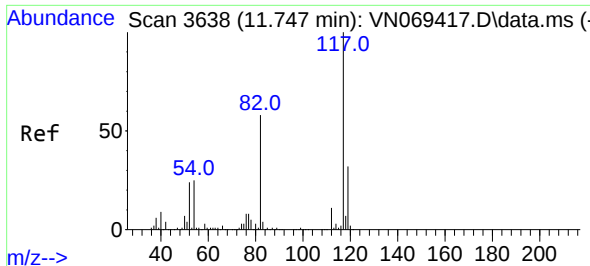
Reviewed By :John Carlone 12/02/2021
Supervised By :Mahesh Dadoda 12/03/2021



#62
4-Bromofluorobenzene
Concen: 53.624 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.003 min
Lab File: VN069687.D
Acq: 1 Dec 2021 12:18

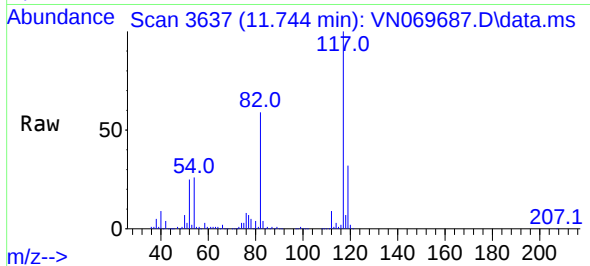
Tgt Ion: 95 Resp: 869628
Ion Ratio Lower Upper
95 100
174 76.0 0.0 187.2
176 72.6 0.0 181.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3638
Delta R.T. -0.003 min
Lab File: VN069687.D
Acq: 1 Dec 2021 12:18

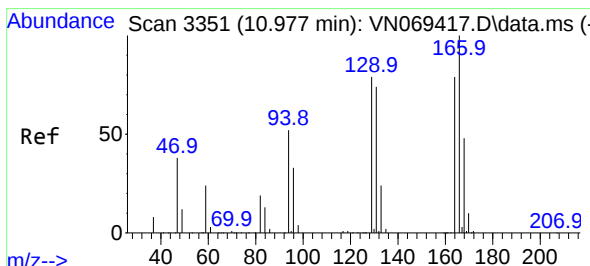
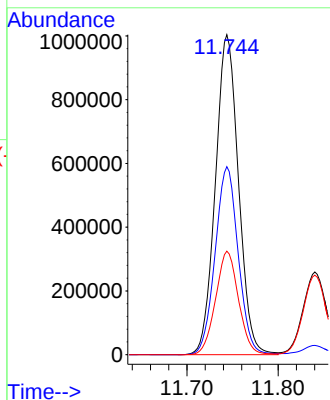
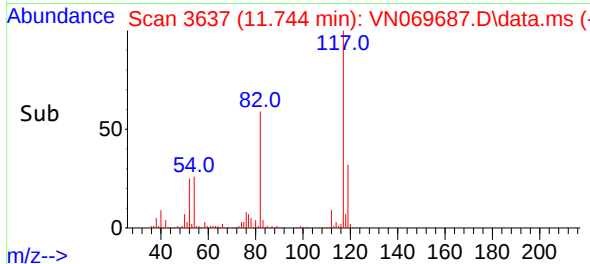
Instrument :
MSVOA_N
ClientSampleId :
VSTDC050



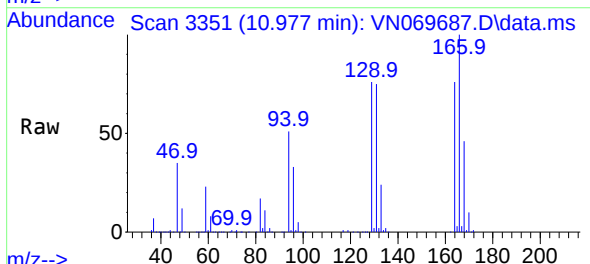
Tgt Ion:117 Resp: 1765214
Ion Ratio Lower Upper
117 100
82 58.7 42.4 63.6
119 32.4 25.4 38.2

Manual Integrations
APPROVED

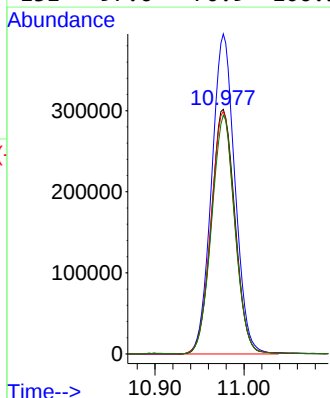
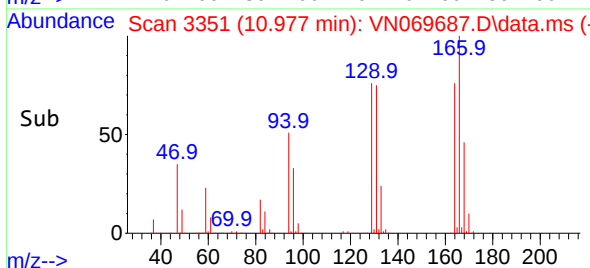
Reviewed By :John Carlone 12/02/2021
Supervised By :Mahesh Dadoda 12/03/2021



#64
Tetrachloroethene
Concen: 52.497 ug/l
RT: 10.977 min Scan# 3351
Delta R.T. -0.000 min
Lab File: VN069687.D
Acq: 1 Dec 2021 12:18



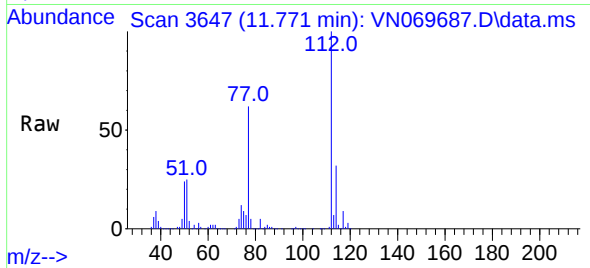
Tgt Ion:164 Resp: 559544
Ion Ratio Lower Upper
164 100
166 130.8 101.9 152.9
129 99.2 72.0 108.0
131 97.6 70.9 106.3





#65
Chlorobenzene
Concen: 55.212 ug/l
RT: 11.771 min Scan# 30
Delta R.T. -0.000 min
Lab File: VN069687.D
Acq: 1 Dec 2021 12:18

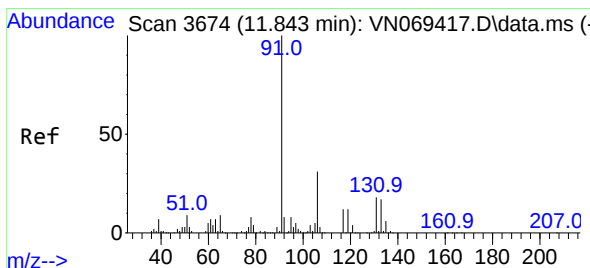
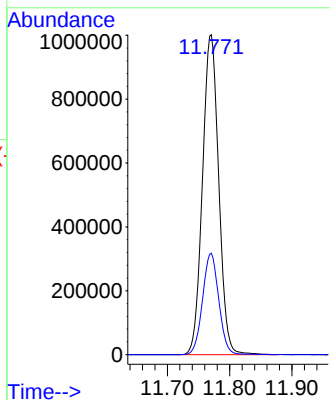
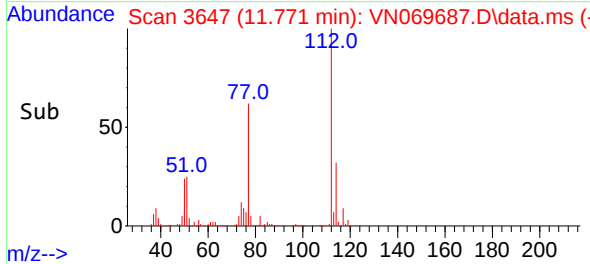
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



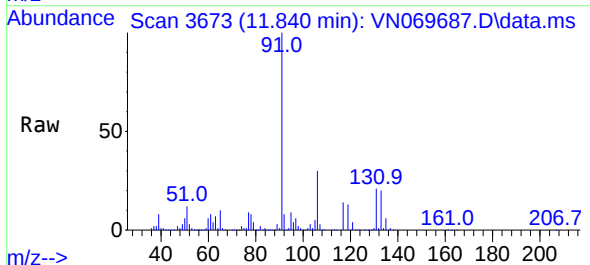
Tgt Ion:112 Resp: 1814075
Ion Ratio Lower Upper
112 100
114 31.7 25.4 38.0

Manual Integrations
APPROVED

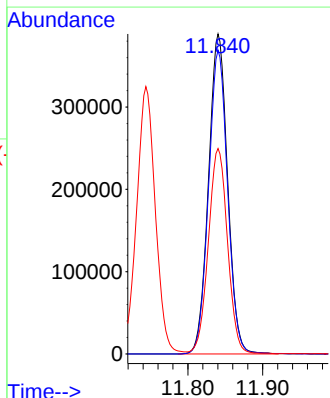
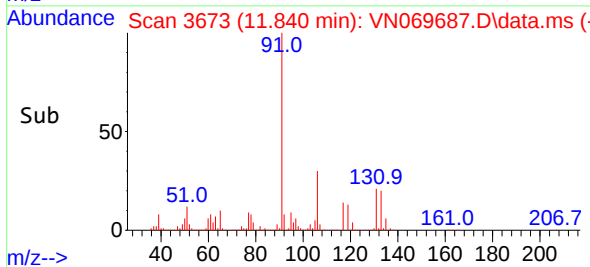
Reviewed By :John Carlone 12/02/2021
Supervised By :Mahesh Dadoda 12/03/2021

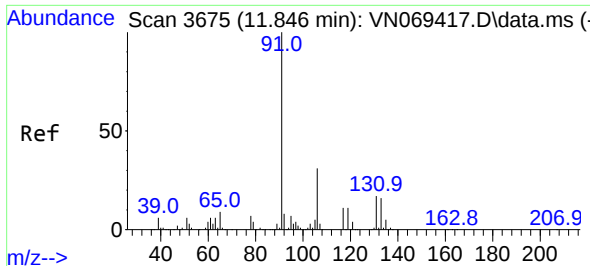


#66
1,1,1,2-Tetrachloroethane
Concen: 60.495 ug/l
RT: 11.840 min Scan# 3673
Delta R.T. -0.003 min
Lab File: VN069687.D
Acq: 1 Dec 2021 12:18



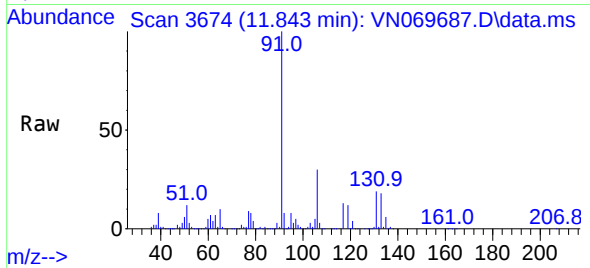
Tgt Ion:131 Resp: 689435
Ion Ratio Lower Upper
131 100
133 94.6 47.9 143.7
119 64.4 32.1 96.5





#67
Ethyl Benzene
Concen: 55.072 ug/l
RT: 11.843 min Scan# 3675
Delta R.T. -0.003 min
Lab File: VN069687.D
Acq: 1 Dec 2021 12:18

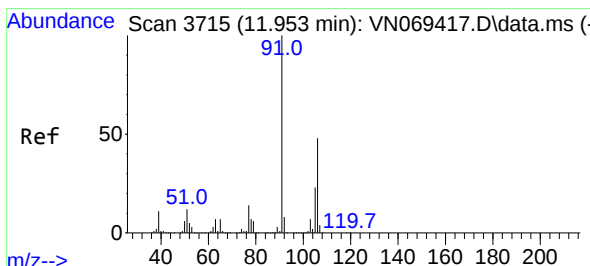
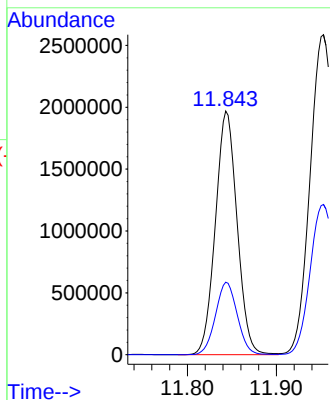
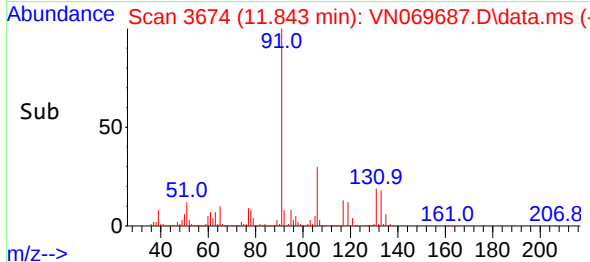
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 3337274
Ion Ratio Lower Upper
91 100
106 29.8 25.7 38.5

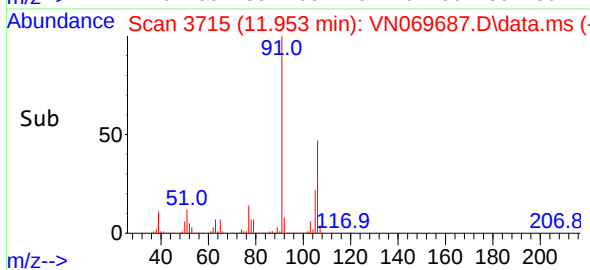
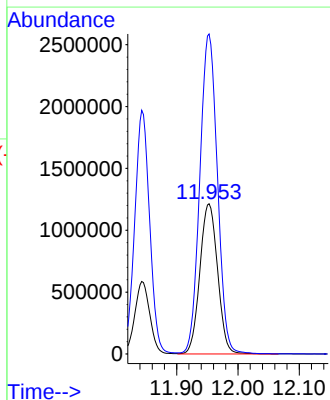
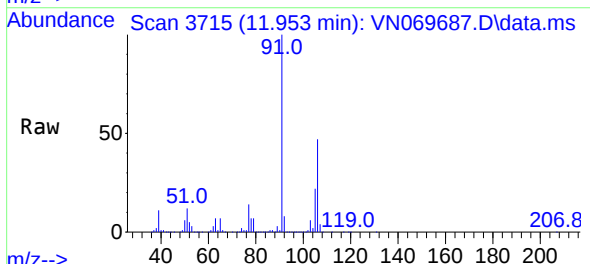
Manual Integrations
APPROVED

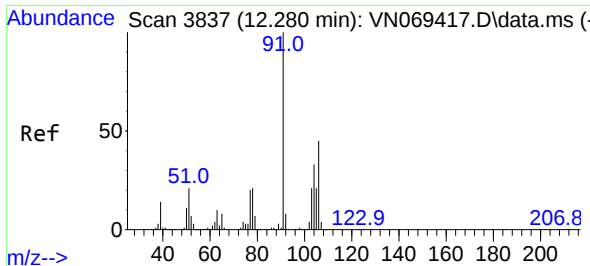
Reviewed By :John Carlone 12/02/2021
Supervised By :Mahesh Dadoda 12/03/2021



#68
m/p-Xylenes
Concen: 109.232 ug/l
RT: 11.953 min Scan# 3715
Delta R.T. -0.000 min
Lab File: VN069687.D
Acq: 1 Dec 2021 12:18

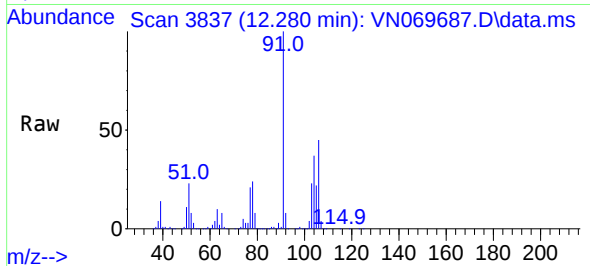
Tgt Ion:106 Resp: 2434488
Ion Ratio Lower Upper
106 100
91 212.0 160.6 240.8





#69
o-Xylene
Concen: 55.789 ug/l
RT: 12.280 min Scan# 3837
Delta R.T. 0.000 min
Lab File: VN069687.D
Acq: 1 Dec 2021 12:18

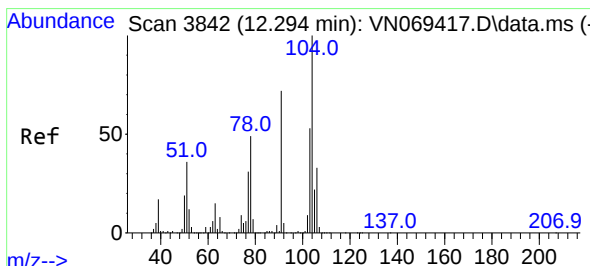
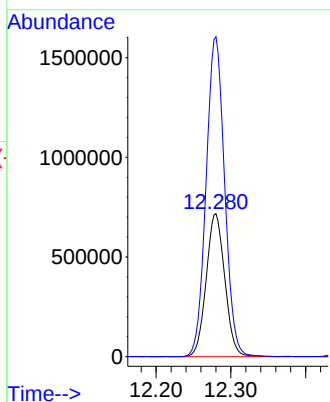
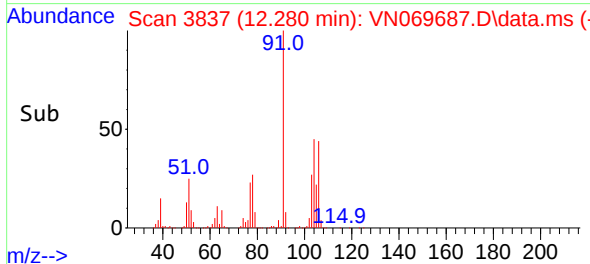
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



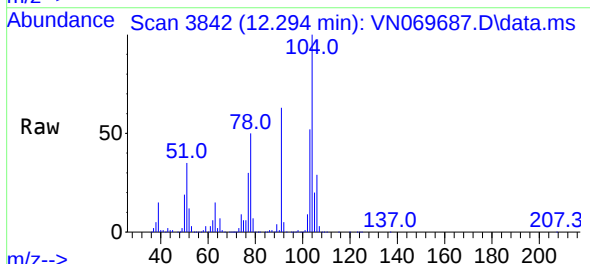
Tgt Ion:106 Resp: 1239573
Ion Ratio Lower Upper
106 100
91 223.1 105.8 317.3

Manual Integrations
APPROVED

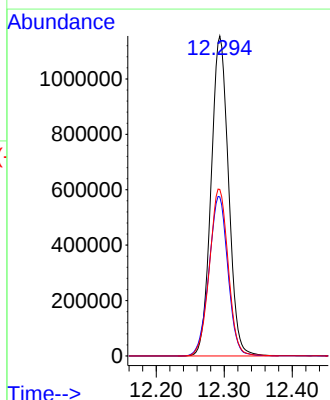
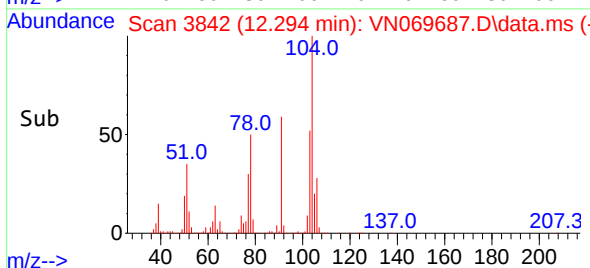
Reviewed By :John Carlone 12/02/2021
Supervised By :Mahesh Dadoda 12/03/2021

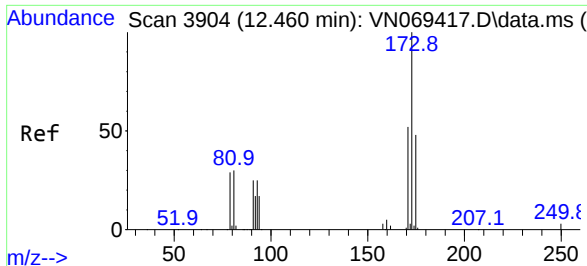


#70
Styrene
Concen: 51.566 ug/l
RT: 12.294 min Scan# 3842
Delta R.T. -0.001 min
Lab File: VN069687.D
Acq: 1 Dec 2021 12:18



Tgt Ion:104 Resp: 2059073
Ion Ratio Lower Upper
104 100
78 54.3 38.7 58.1
103 56.1 45.0 67.6





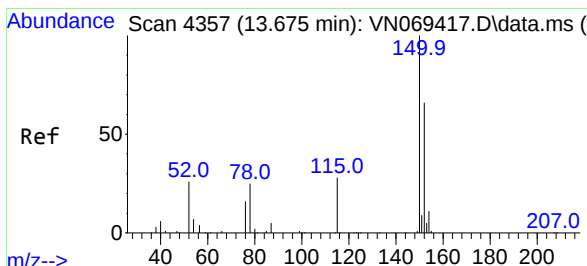
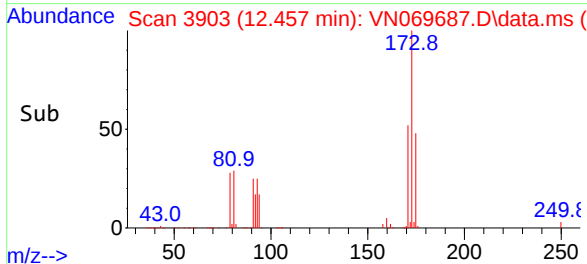
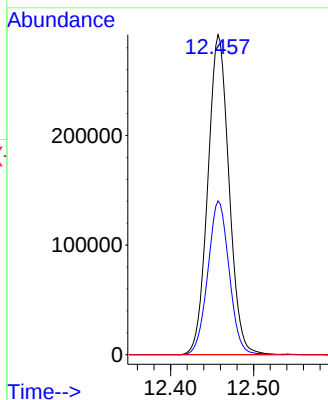
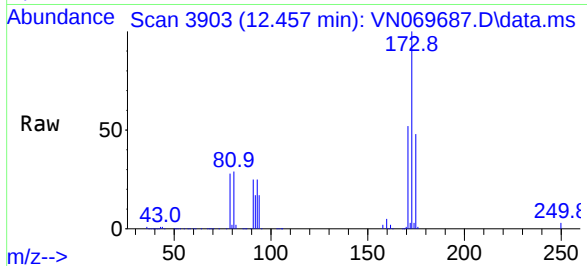
#71
Bromoform
Concen: 52.116 ug/l
RT: 12.457 min Scan# 3903
Delta R.T. -0.003 min
Lab File: VN069687.D
Acq: 1 Dec 2021 12:18

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:173 Resp: 517258
Ion Ratio Lower Upper
173 100
175 48.3 24.2 72.6
254 0.0 0.0 0.0

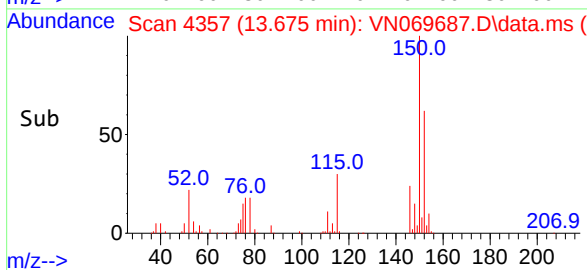
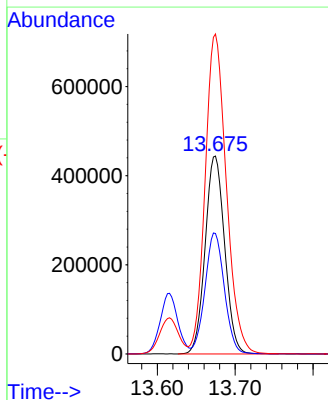
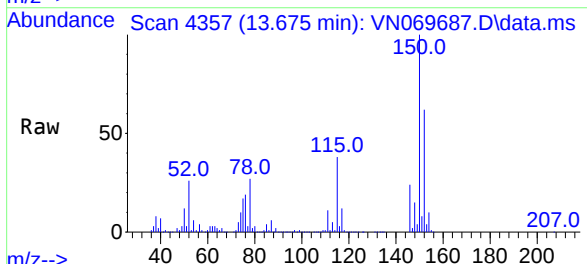
Manual Integrations
APPROVED

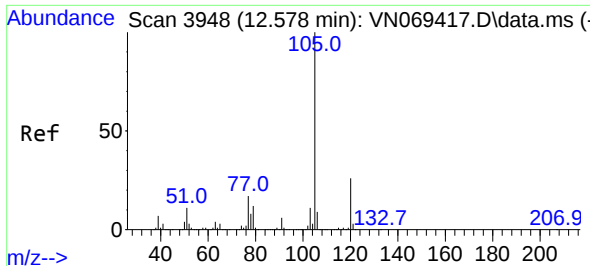
Reviewed By :John Carlone 12/02/2021
Supervised By :Mahesh Dadoda 12/03/2021



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 4357
Delta R.T. -0.000 min
Lab File: VN069687.D
Acq: 1 Dec 2021 12:18

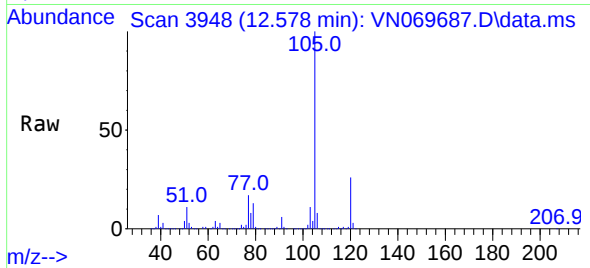
Tgt Ion:152 Resp: 772997
Ion Ratio Lower Upper
152 100
115 60.6 27.5 82.5
150 175.7 0.0 344.4





#73
Isopropylbenzene
Concen: 54.353 ug/l
RT: 12.578 min Scan# 3948
Delta R.T. -0.000 min
Lab File: VN069687.D
Acq: 1 Dec 2021 12:18

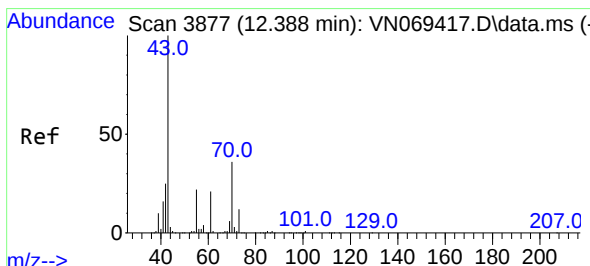
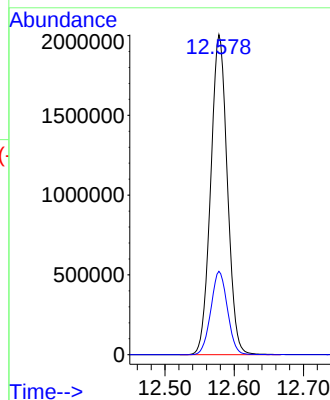
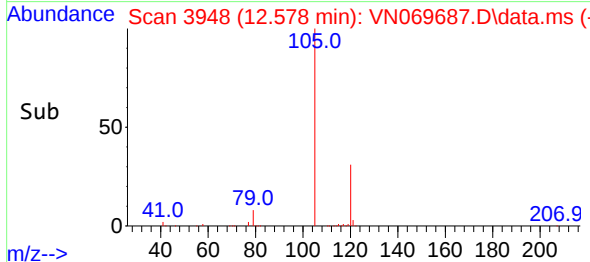
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



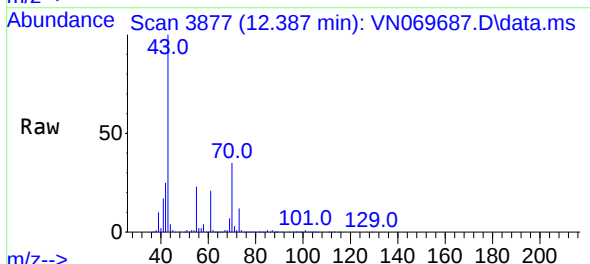
Tgt Ion:105 Resp: 3345225
Ion Ratio Lower Upper
105 100
120 25.9 13.4 40.1

Manual Integrations
APPROVED

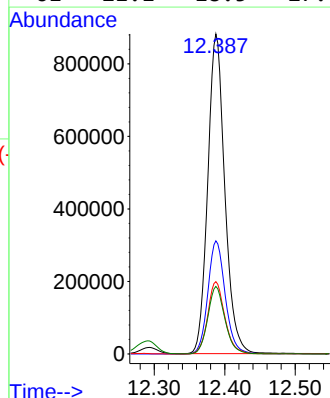
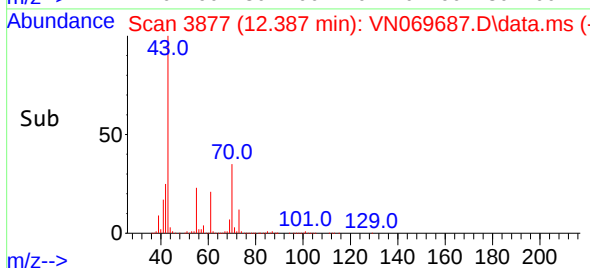
Reviewed By :John Carlone 12/02/2021
Supervised By :Mahesh Dadoda 12/03/2021

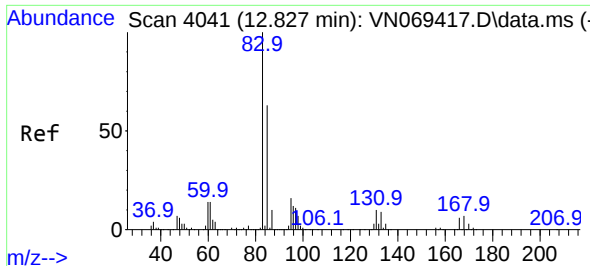


#74
N-ethyl acetate
Concen: 56.815 ug/l
RT: 12.387 min Scan# 3877
Delta R.T. -0.001 min
Lab File: VN069687.D
Acq: 1 Dec 2021 12:18



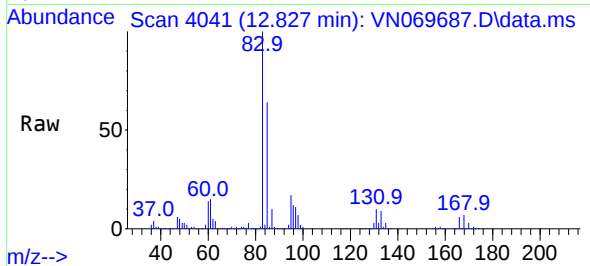
Tgt Ion: 43 Resp: 1481898
Ion Ratio Lower Upper
43 100
70 36.1 33.4 50.0
55 22.8 19.3 28.9
61 21.1 18.5 27.7





#75
1,1,2,2-Tetrachloroethane
Concen: 53.987 ug/l
RT: 12.827 min Scan# 4041
Delta R.T. 0.000 min
Lab File: VN069687.D
Acq: 1 Dec 2021 12:18

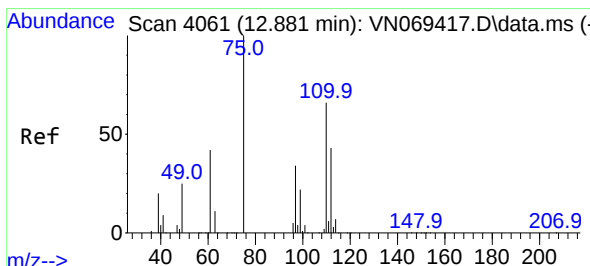
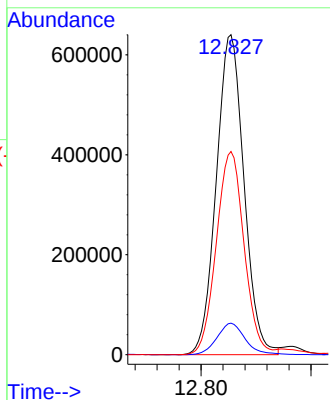
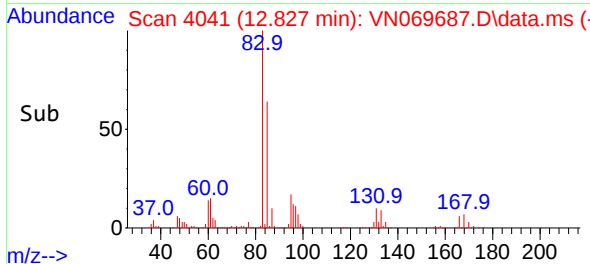
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



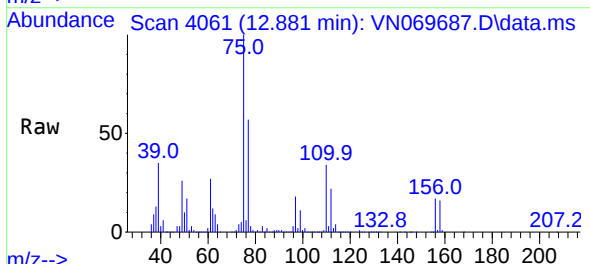
Tgt Ion: 83 Resp: 1120652
Ion Ratio Lower Upper
83 100
131 10.0 5.5 16.5
85 63.6 32.4 97.2

Manual Integrations
APPROVED

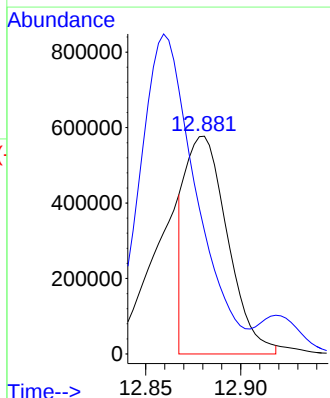
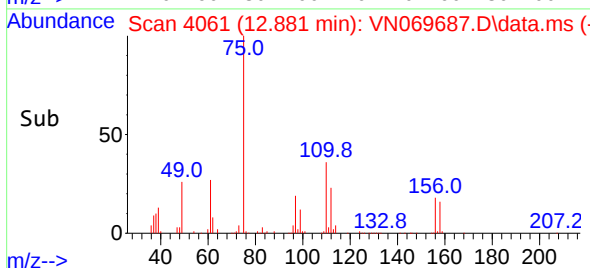
Reviewed By :John Carlone 12/02/2021
Supervised By :Mahesh Dadoda 12/03/2021



#76
1,2,3-Trichloropropane
Concen: 49.956 ug/l m
RT: 12.881 min Scan# 4061
Delta R.T. -0.000 min
Lab File: VN069687.D
Acq: 1 Dec 2021 12:18



Tgt Ion: 75 Resp: 891171
Ion Ratio Lower Upper
75 100
77 0.0 82.6 247.8#





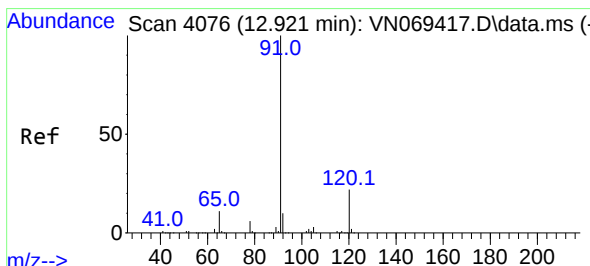
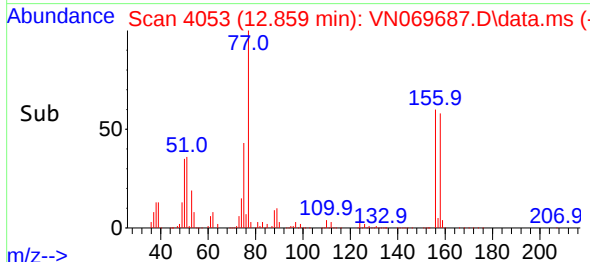
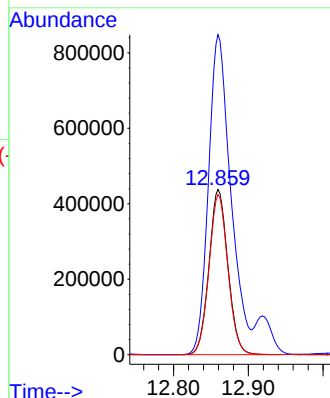
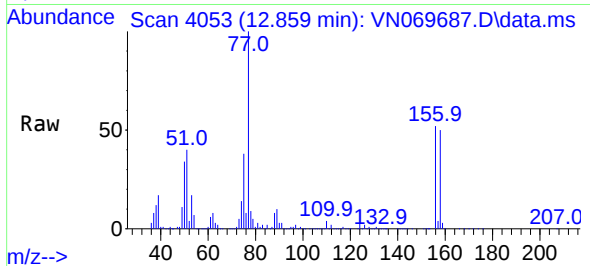
#77
Bromobenzene
Concen: 54.807 ug/l
RT: 12.859 min Scan# 4053
Delta R.T. -0.003 min
Lab File: VN069687.D
Acq: 1 Dec 2021 12:18

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:156 Resp: 77145
Ion Ratio Lower Upper
156 100
77 227.4 90.6 271.8
158 96.6 48.9 146.7

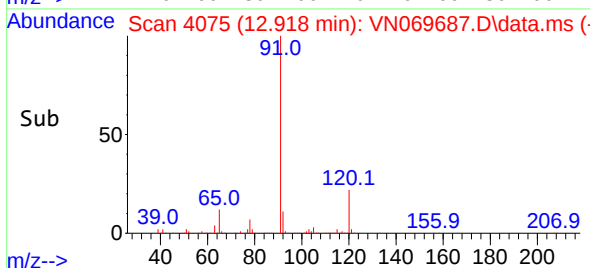
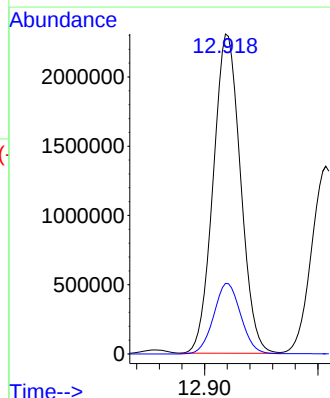
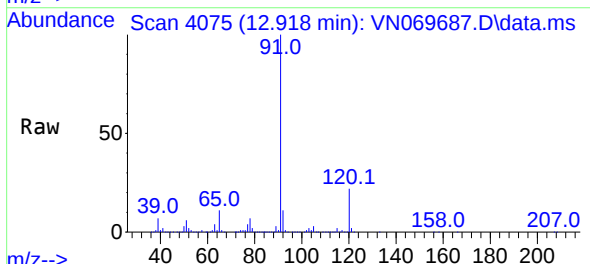
Manual Integrations
APPROVED

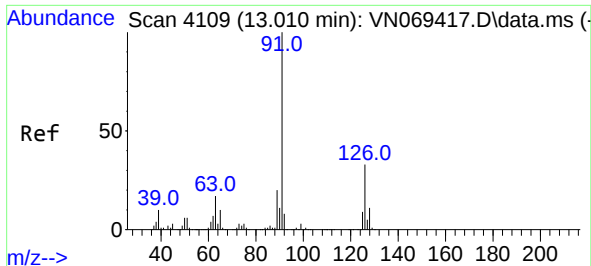
Reviewed By :John Carlone 12/02/2021
Supervised By :Mahesh Dadoda 12/03/2021



#78
n-propylbenzene
Concen: 55.619 ug/l
RT: 12.918 min Scan# 4075
Delta R.T. -0.003 min
Lab File: VN069687.D
Acq: 1 Dec 2021 12:18

Tgt Ion: 91 Resp: 3851849
Ion Ratio Lower Upper
91 100
120 22.0 11.9 35.9





#79

2-Chlorotoluene

Concen: 54.716 ug/l

RT: 13.007 min Scan# 4109

Delta R.T. -0.003 min

Lab File: VN069687.D

Acq: 1 Dec 2021 12:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 234620

Ion Ratio Lower Upper

91 100

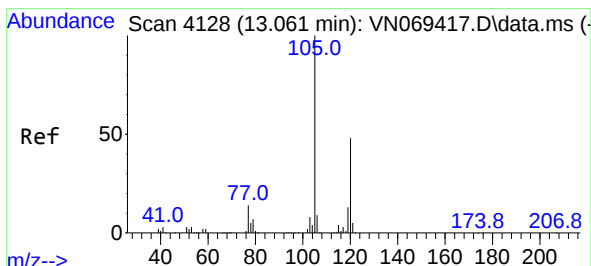
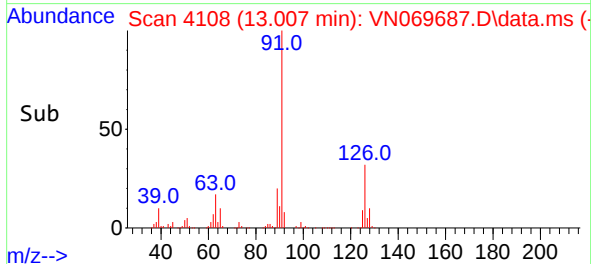
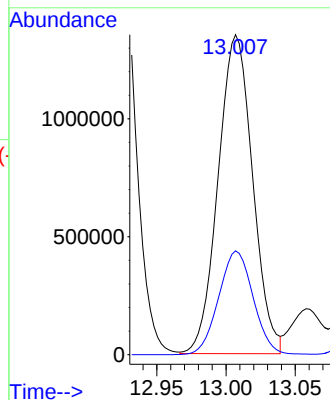
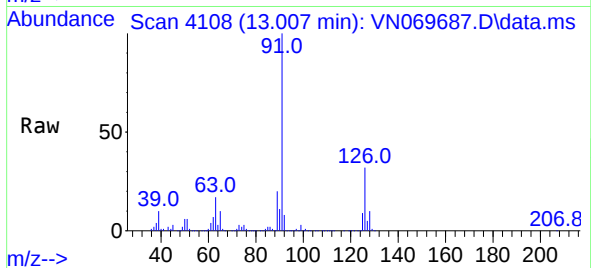
126 32.6 18.3 54.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/02/2021

Supervised By :Mahesh Dadoda 12/03/2021



#80

1,3,5-Trimethylbenzene

Concen: 54.933 ug/l

RT: 13.058 min Scan# 4127

Delta R.T. -0.003 min

Lab File: VN069687.D

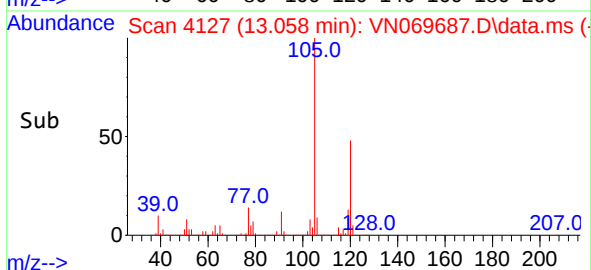
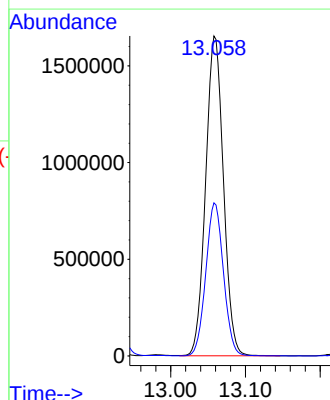
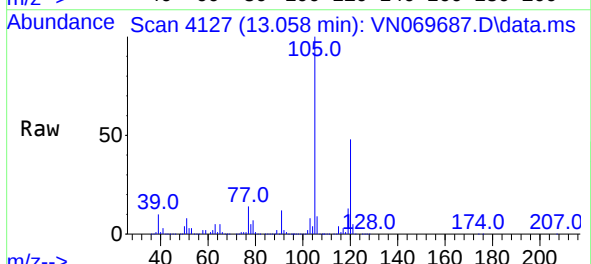
Acq: 1 Dec 2021 12:18

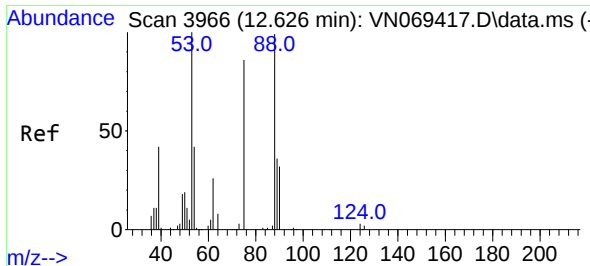
Tgt Ion:105 Resp: 2733230

Ion Ratio Lower Upper

105 100

120 47.5 24.6 73.6





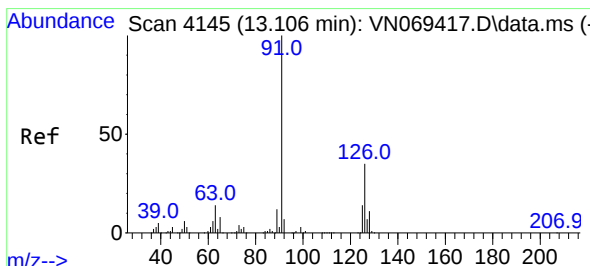
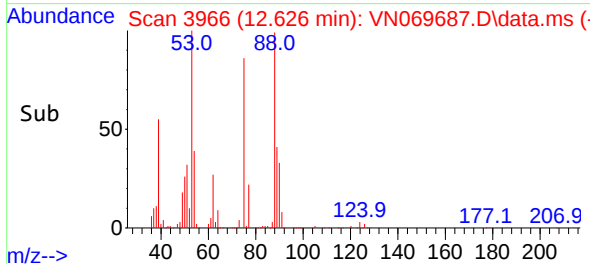
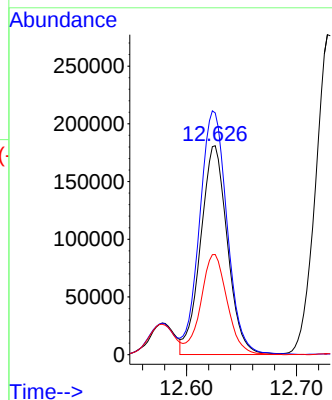
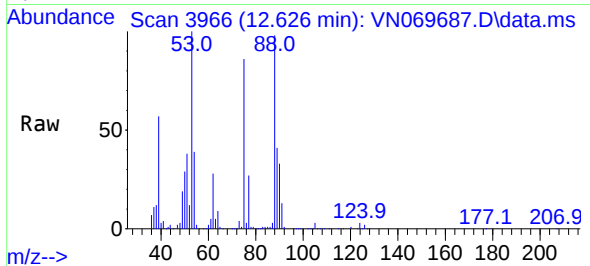
#81
trans-1,4-Dichloro-2-butene
Concen: 51.101 ug/l
RT: 12.626 min Scan# 3966
Delta R.T. 0.000 min
Lab File: VN069687.D
Acq: 1 Dec 2021 12:18

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 307111
Ion Ratio Lower Upper
75 100
53 119.8 90.5 135.7
89 47.1 38.2 57.4

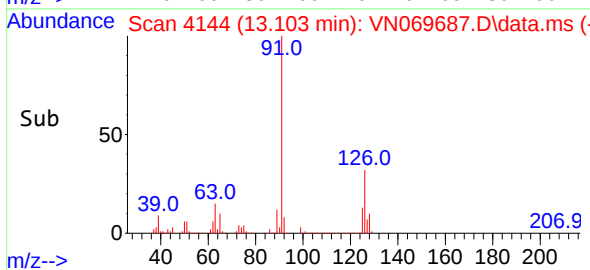
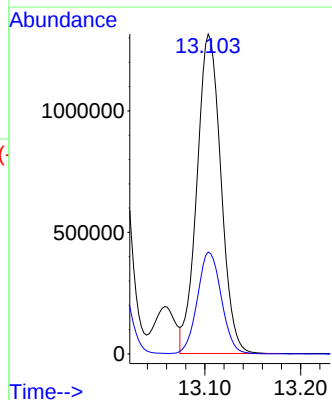
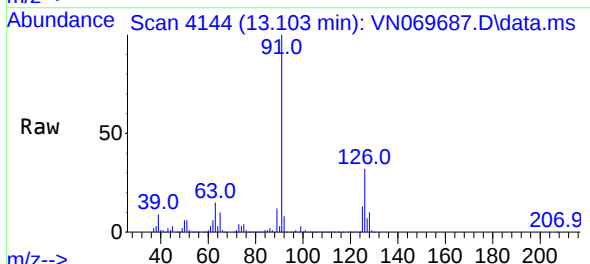
Manual Integrations
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Reviewed By :John Carlone 12/02/2021
Supervised By :Mahesh Dadoda 12/03/2021



#82
4-Chlorotoluene
Concen: 55.982 ug/l
RT: 13.103 min Scan# 4144
Delta R.T. -0.003 min
Lab File: VN069687.D
Acq: 1 Dec 2021 12:18

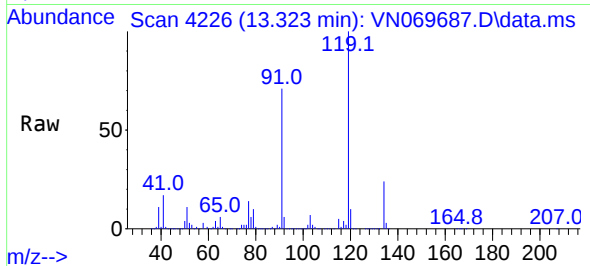
Tgt Ion: 91 Resp: 2288334
Ion Ratio Lower Upper
91 100
126 31.9 18.2 54.6





#83
tert-Butylbenzene
Concen: 57.032 ug/l
RT: 13.323 min Scan# 41
Delta R.T. -0.001 min
Lab File: VN069687.D
Acq: 1 Dec 2021 12:18

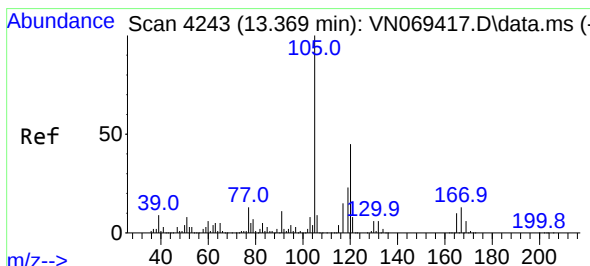
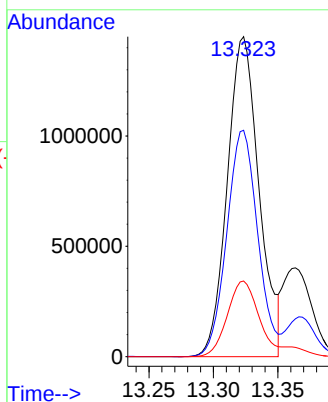
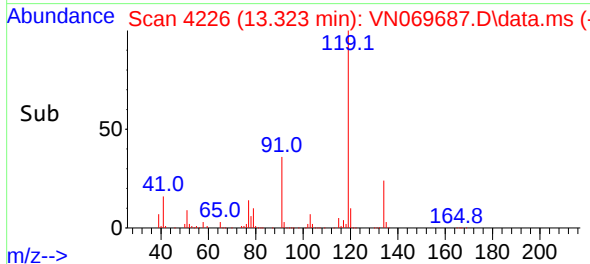
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



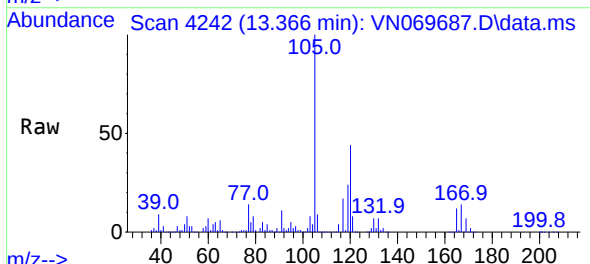
Tgt Ion:119 Resp: 248669
Ion Ratio Lower Upper
119 100
91 68.9 31.5 94.5
134 25.8 12.4 37.4

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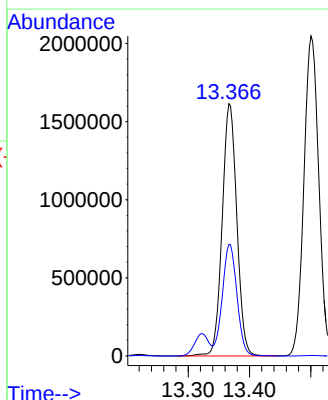
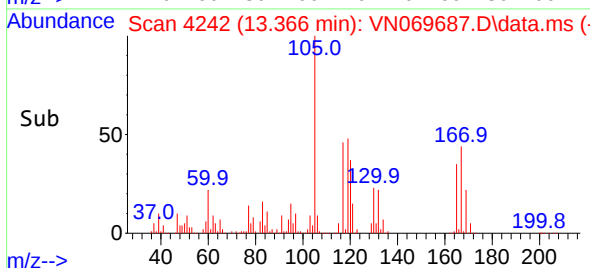
Reviewed By :John Carlone 12/02/2021
Supervised By :Mahesh Dadoda 12/03/2021

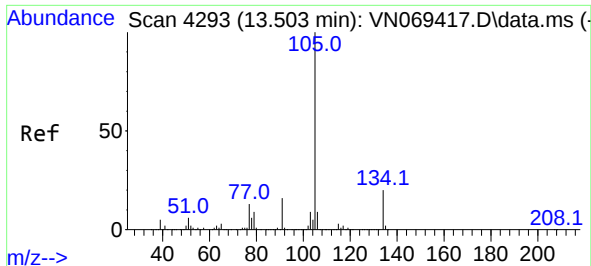


#84
1,2,4-Trimethylbenzene
Concen: 55.757 ug/l
RT: 13.366 min Scan# 4242
Delta R.T. -0.003 min
Lab File: VN069687.D
Acq: 1 Dec 2021 12:18



Tgt Ion:105 Resp: 2678197
Ion Ratio Lower Upper
105 100
120 44.2 22.8 68.4





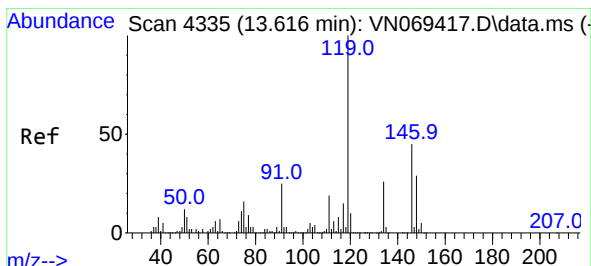
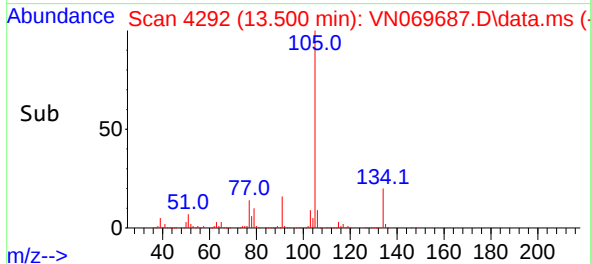
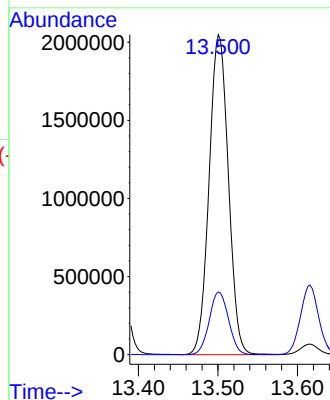
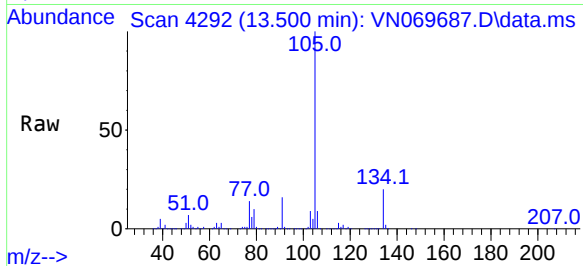
#85
 sec-Butylbenzene
 Concen: 56.525 ug/l
 RT: 13.500 min Scan# 4293
 Delta R.T. -0.003 min
 Lab File: VN069687.D
 Acq: 1 Dec 2021 12:18

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion:105 Resp: 3442830
 Ion Ratio Lower Upper
 105 100
 134 19.7 10.4 31.1

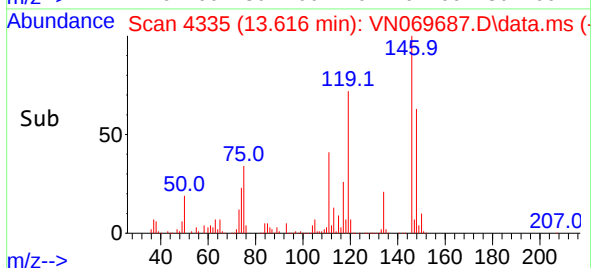
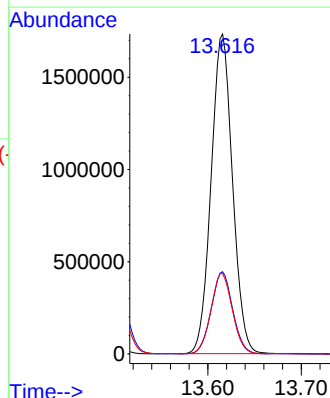
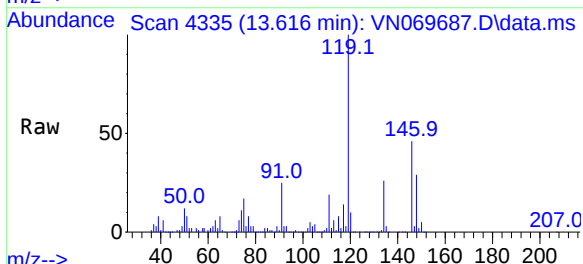
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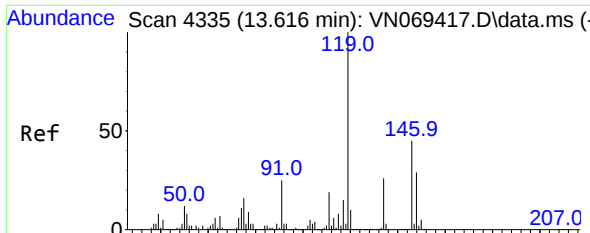
Reviewed By :John Carlone 12/02/2021
 Supervised By :Mahesh Dadoda 12/03/2021



#86
 p-Isopropyltoluene
 Concen: 57.001 ug/l
 RT: 13.616 min Scan# 4335
 Delta R.T. -0.000 min
 Lab File: VN069687.D
 Acq: 1 Dec 2021 12:18

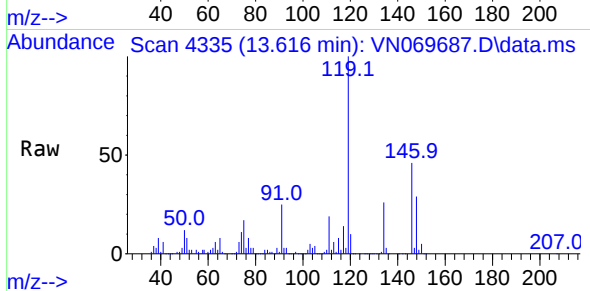
Tgt Ion:119 Resp: 2756050
 Ion Ratio Lower Upper
 119 100
 134 25.7 13.6 40.7
 91 25.1 11.4 34.1





#87
1,3-Dichlorobenzene
Concen: 55.453 ug/l
RT: 13.616 min Scan# 4335
Delta R.T. -0.000 min
Lab File: VN069687.D
Acq: 1 Dec 2021 12:18

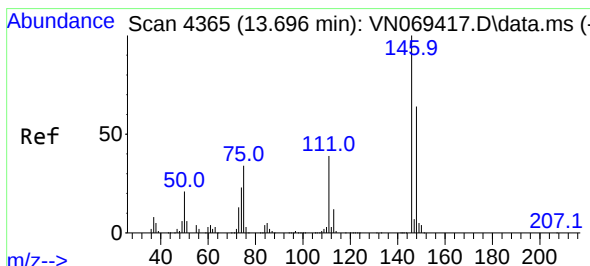
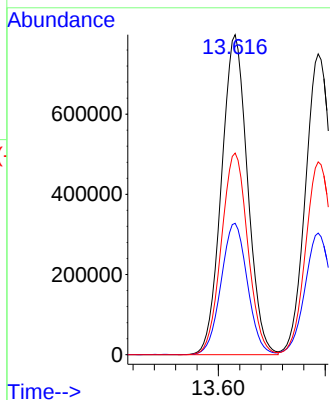
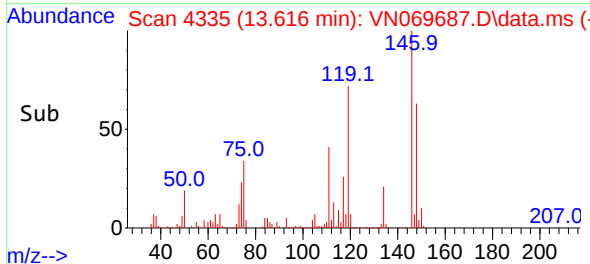
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



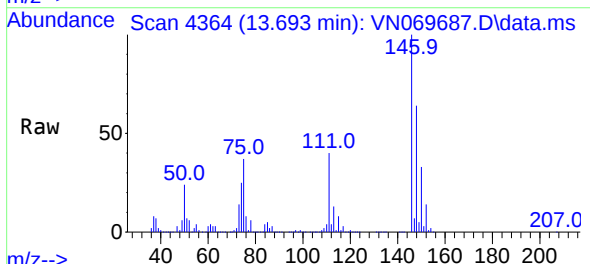
Tgt Ion:146 Resp: 1353272
Ion Ratio Lower Upper
146 100
111 41.5 18.6 55.6
148 64.0 31.6 95.0

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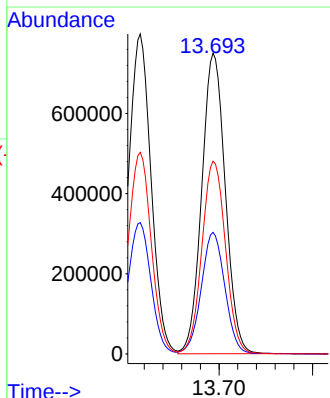
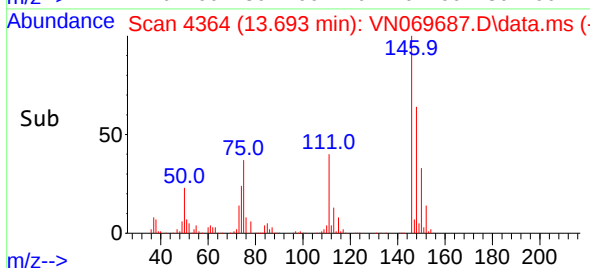
Reviewed By :John Carlone 12/02/2021
Supervised By :Mahesh Dadoda 12/03/2021

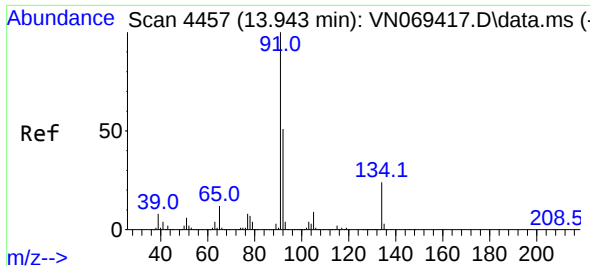


#88
1,4-Dichlorobenzene
Concen: 54.802 ug/l
RT: 13.693 min Scan# 4364
Delta R.T. -0.003 min
Lab File: VN069687.D
Acq: 1 Dec 2021 12:18



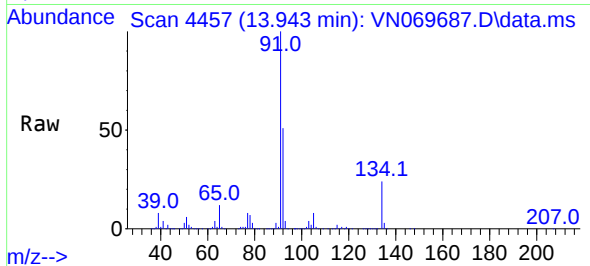
Tgt Ion:146 Resp: 1311986
Ion Ratio Lower Upper
146 100
111 40.2 18.3 54.8
148 64.4 31.8 95.4





#89
n-Butylbenzene
Concen: 57.761 ug/l
RT: 13.943 min Scan# 4457
Delta R.T. -0.000 min
Lab File: VN069687.D
Acq: 1 Dec 2021 12:18

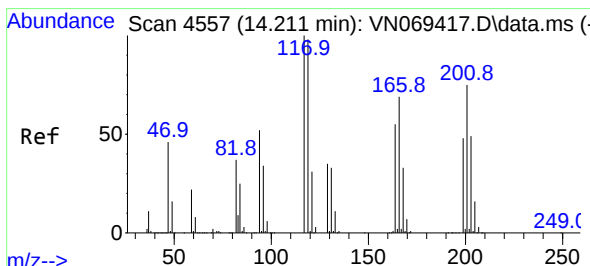
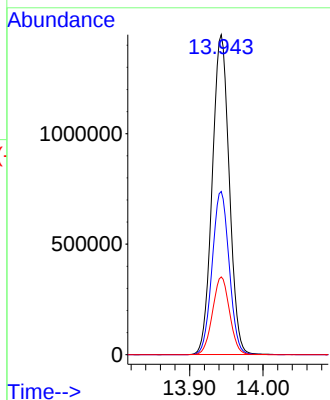
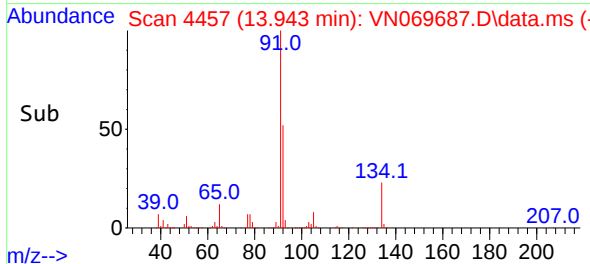
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



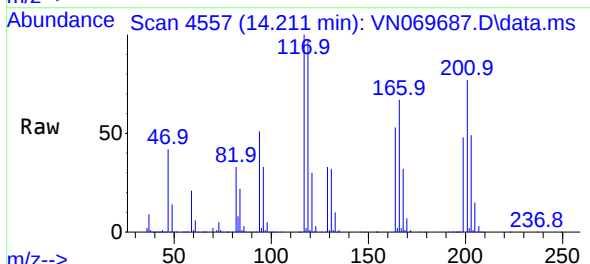
Tgt Ion: 91 Resp: 232895
Ion Ratio Lower Upper
91 100
92 51.3 25.4 76.0
134 24.5 13.6 40.8

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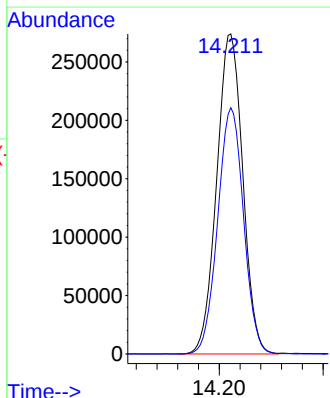
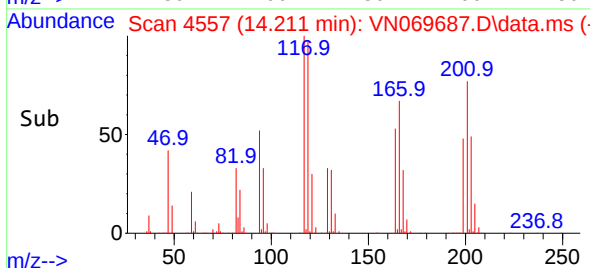
Reviewed By :John Carlone 12/02/2021
Supervised By :Mahesh Dadoda 12/03/2021

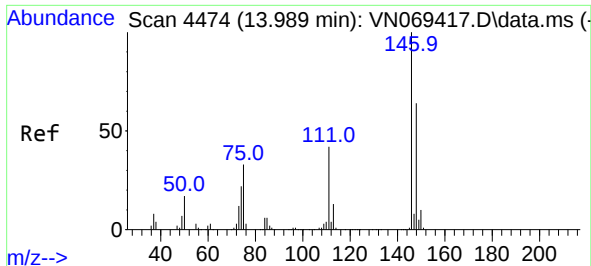


#90
Hexachloroethane
Concen: 53.615 ug/l
RT: 14.211 min Scan# 4557
Delta R.T. 0.000 min
Lab File: VN069687.D
Acq: 1 Dec 2021 12:18



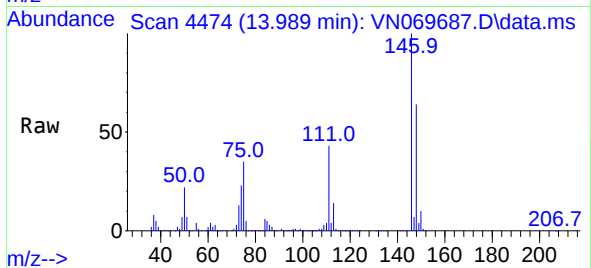
Tgt Ion:117 Resp: 477947
Ion Ratio Lower Upper
117 100
201 76.2 43.9 131.6





#91
1,2-Dichlorobenzene
Concen: 56.115 ug/l
RT: 13.989 min Scan# 4474
Delta R.T. -0.001 min
Lab File: VN069687.D
Acq: 1 Dec 2021 12:18

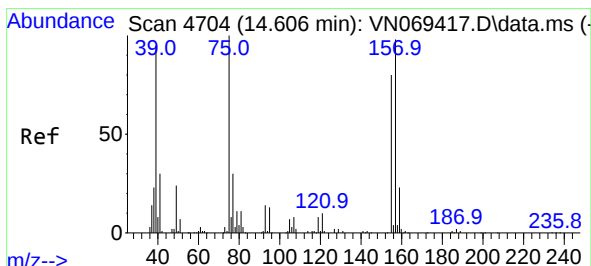
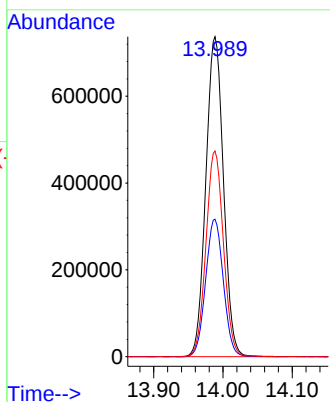
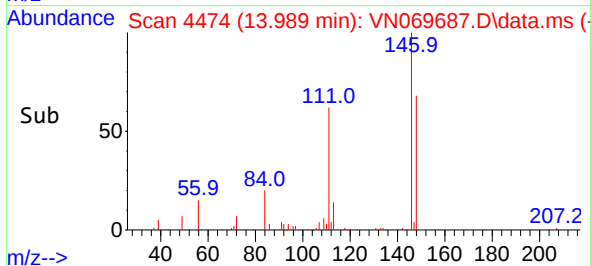
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



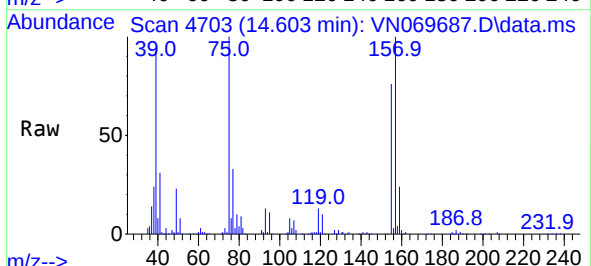
Tgt Ion:146 Resp: 1303068
Ion Ratio Lower Upper
146 100
111 43.2 19.1 57.3
148 63.9 32.1 96.3

Manual Integrations
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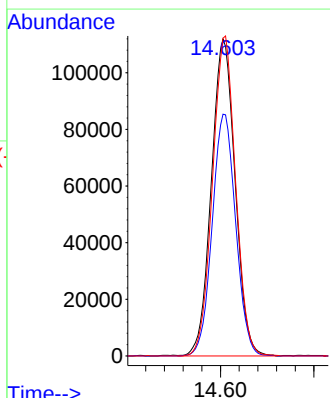
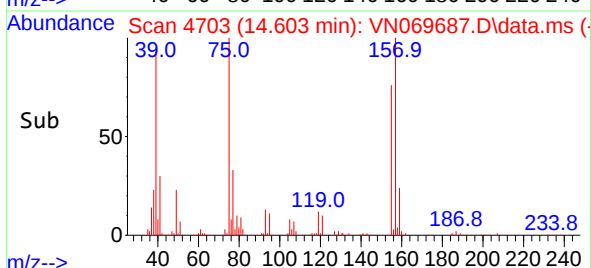
Reviewed By :John Carlone 12/02/2021
Supervised By :Mahesh Dadoda 12/03/2021

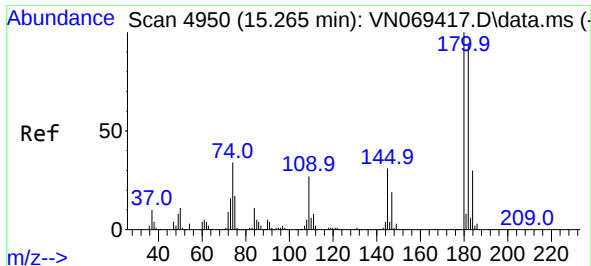


#92
1,2-Dibromo-3-Chloropropane
Concen: 51.248 ug/l
RT: 14.603 min Scan# 4703
Delta R.T. -0.003 min
Lab File: VN069687.D
Acq: 1 Dec 2021 12:18



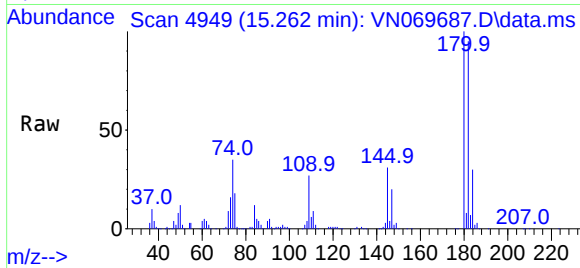
Tgt Ion: 75 Resp: 197963
Ion Ratio Lower Upper
75 100
155 75.4 46.9 140.7
157 98.0 60.6 181.7





#93
1,2,4-Trichlorobenzene
Concen: 52.398 ug/l
RT: 15.262 min Scan# 4949
Delta R.T. -0.003 min
Lab File: VN069687.D
Acq: 1 Dec 2021 12:18

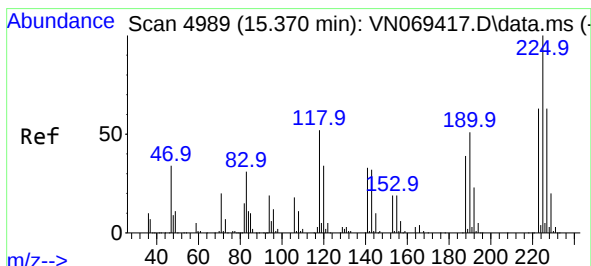
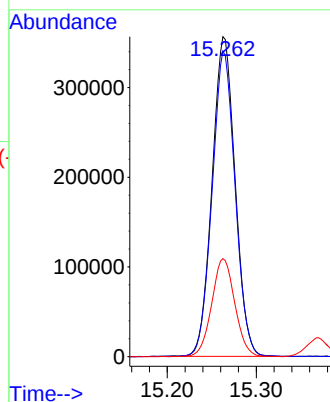
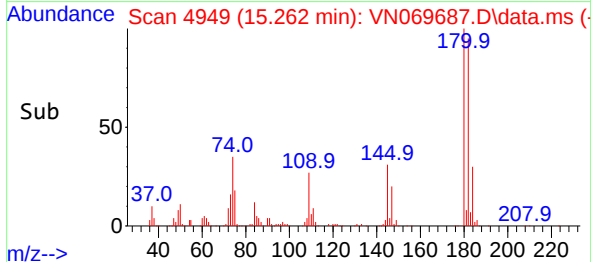
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



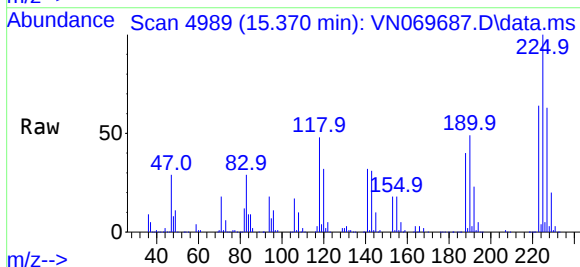
Tgt Ion:180 Resp: 639480
Ion Ratio Lower Upper
180 100
182 95.2 48.3 144.9
145 30.9 14.5 43.5

Manual Integrations
APPROVED

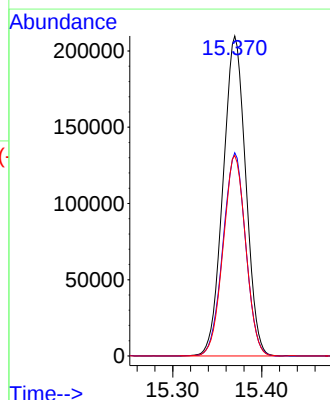
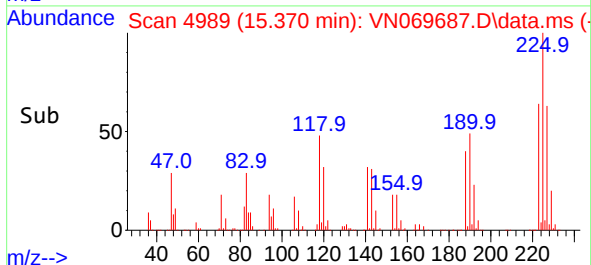
Reviewed By :John Carlone 12/02/2021
Supervised By :Mahesh Dadoda 12/03/2021

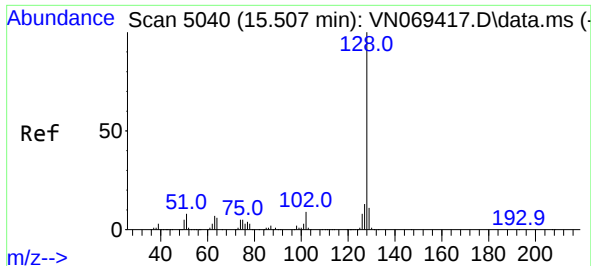


#94
Hexachlorobutadiene
Concen: 61.510 ug/l
RT: 15.370 min Scan# 4989
Delta R.T. -0.000 min
Lab File: VN069687.D
Acq: 1 Dec 2021 12:18



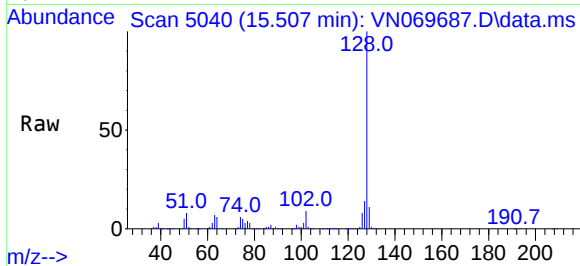
Tgt Ion:225 Resp: 371134
Ion Ratio Lower Upper
225 100
223 63.5 31.9 95.7
227 62.5 32.1 96.3





#95
Naphthalene
Concen: 49.422 ug/l
RT: 15.507 min Scan# 5040
Delta R.T. -0.000 min
Lab File: VN069687.D
Acq: 1 Dec 2021 12:18

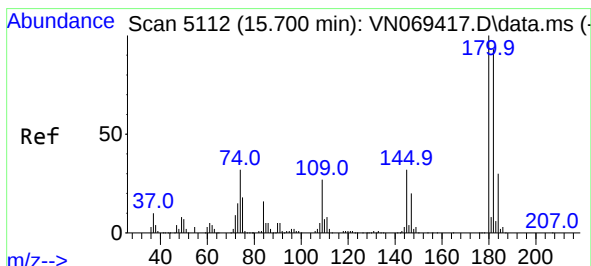
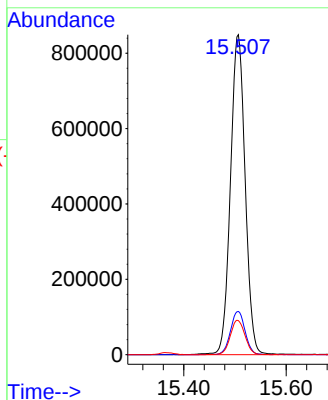
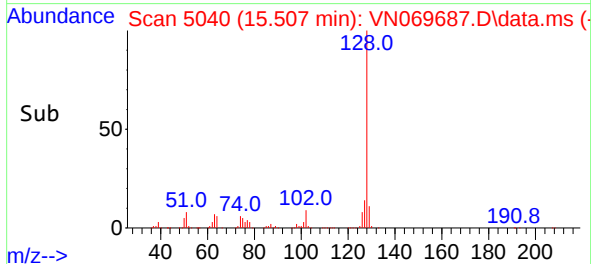
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



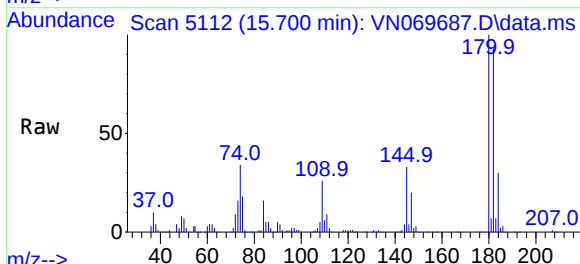
Tgt Ion:128 Resp: 1693969
Ion Ratio Lower Upper
128 100
127 13.5 10.5 15.7
129 10.7 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/02/2021
Supervised By :Mahesh Dadoda 12/03/2021



#96
1,2,3-Trichlorobenzene
Concen: 53.223 ug/l
RT: 15.700 min Scan# 5112
Delta R.T. -0.000 min
Lab File: VN069687.D
Acq: 1 Dec 2021 12:18



Tgt Ion:180 Resp: 621781
Ion Ratio Lower Upper
180 100
182 94.7 47.4 142.2
145 33.0 15.0 45.1

