

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121821\
 Data File : VN070228.D
 Acq On : 18 Dec 2021 21:33
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/20/2021
 Supervised By : Mahesh Dadoda 12/24/2021

Quant Time: Dec 19 08:52:49 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 03 08:46:47 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	943595	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1602298	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1539182	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	671660	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	670921	46.05	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	92.10%		
35) Dibromofluoromethane	8.021	113	465579	46.39	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	92.78%		
50) Toluene-d8	10.440	98	1833894	45.51	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	91.02%		
62) 4-Bromofluorobenzene	12.731	95	717902	49.17	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	98.34%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.073	85	436329	39.65	ug/l	100
3) Chloromethane	2.303	50	562270	40.78	ug/l	98
4) Vinyl Chloride	2.445	62	530708	41.86	ug/l	99
5) Bromomethane	2.834	94	274376	39.84	ug/l	99
6) Chloroethane	3.009	64	325914	41.95	ug/l	99
7) Trichlorofluoromethane	3.371	101	688204	41.36	ug/l	98
8) Diethyl Ether	3.821	74	319218	49.81	ug/l	80
9) 1,1,2-Trichlorotrifluo...	4.205	101	441048	47.29	ug/l	96
10) Methyl Iodide	4.414	142	571340	44.84	ug/l	99
11) Tert butyl alcohol	5.382	59	670859	243.60	ug/l	100
12) 1,1-Dichloroethene	4.175	96	416851	46.38	ug/l	87
13) Acrolein	4.039	56	583475	248.79	ug/l	99
14) Allyl chloride	4.835	41	1000616	49.40	ug/l #	90
15) Acrylonitrile	5.554	53	1881931	253.60	ug/l	99
16) Acetone	4.288	43	1762287	201.08	ug/l	97
17) Carbon Disulfide	4.524	76	875561	37.71	ug/l	100
18) Methyl Acetate	4.854	43	1307063	49.41	ug/l	91
19) Methyl tert-butyl Ether	5.618	73	1818567	52.04	ug/l	95
20) Methylene Chloride	5.090	84	533854	45.82	ug/l #	86
21) trans-1,2-Dichloroethene	5.597	96	438262	44.89	ug/l	85
22) Diisopropyl ether	6.498	45	2111339	53.33	ug/l	93
23) Vinyl Acetate	6.434	43	8345704	259.13	ug/l #	94
24) 1,1-Dichloroethane	6.385	63	1029208	50.19	ug/l	98
25) 2-Butanone	7.335	43	2803944	235.47	ug/l	91
26) 2,2-Dichloropropane	7.324	77	709121	44.48	ug/l	97
27) cis-1,2-Dichloroethene	7.324	96	569505	48.28	ug/l	87
28) Bromochloromethane	7.657	49	518018	48.58	ug/l #	77
29) Tetrahydrofuran	7.686	42	1806765	249.88	ug/l	88
30) Chloroform	7.817	83	1022848	49.39	ug/l	99
31) Cyclohexane	8.094	56	896934	44.24	ug/l	88
32) 1,1,1-Trichloroethane	8.016	97	844124	47.85	ug/l	96
36) 1,1-Dichloropropene	8.220	75	708156	46.43	ug/l	96
37) Ethyl Acetate	7.412	43	1082227	47.67	ug/l	96
38) Carbon Tetrachloride	8.206	117	670194	44.81	ug/l	100
39) Methylcyclohexane	9.459	83	822509	45.33	ug/l	90
40) Benzene	8.458	78	2196498	47.11	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.638	41	546478	51.28	ug/l #	89
42) 1,2-Dichloroethane	8.528	62	890720	47.33	ug/l	97
43) Isopropyl Acetate	8.560	43	1687443	50.23	ug/l #	94
44) Trichloroethene	9.215	130	513636	46.16	ug/l	93
45) 1,2-Dichloropropane	9.491	63	625421	49.95	ug/l	100
46) Dibromomethane	9.577	93	387166	47.15	ug/l	93
47) Bromodichloromethane	9.762	83	776352	49.94	ug/l	99
48) Methyl methacrylate	9.558	41	791634	50.49	ug/l	86
49) 1,4-Dioxane	9.569	88	273058	970.62	ug/l #	85
51) 4-Methyl-2-Pentanone	10.330	43	5708732	261.93	ug/l	95
52) Toluene	10.505	92	1363452	47.90	ug/l	98
53) t-1,3-Dichloropropene	10.719	75	822391	44.31	ug/l	99
54) cis-1,3-Dichloropropene	10.188	75	888140	45.44	ug/l	90
55) 1,1,2-Trichloroethane	10.899	97	568627	49.51	ug/l	98
56) Ethyl methacrylate	10.762	69	998804	46.27	ug/l #	88
57) 1,3-Dichloropropane	11.044	76	1008323	49.86	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.041	63	1450053	247.95	ug/l	91
59) 2-Hexanone	11.084	43	4166256	252.70	ug/l	93
60) Dibromochloromethane	11.240	129	541043	44.25	ug/l	99
61) 1,2-Dibromoethane	11.347	107	572600	48.14	ug/l	99
64) Tetrachloroethene	10.977	164	465519	44.60	ug/l	96
65) Chlorobenzene	11.771	112	1464500	46.90	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.840	131	526858	47.94	ug/l	99
67) Ethyl Benzene	11.846	91	2746167	48.42	ug/l	96
68) m/p-Xylenes	11.953	106	1994333	96.57	ug/l	91
69) o-Xylene	12.280	106	1017179	48.90	ug/l	92
70) Styrene	12.294	104	1682298	51.00	ug/l	95
71) Bromoform	12.457	173	399078	42.87	ug/l #	100
73) Isopropylbenzene	12.578	105	2684495	44.92	ug/l	98
74) N-amyl acetate	12.387	43	1283743	48.58	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.827	83	936075	45.30	ug/l	99
76) 1,2,3-Trichloropropane	12.881	75	814669m	42.29	ug/l	
77) Bromobenzene	12.860	156	617289	43.98	ug/l	75
78) n-propylbenzene	12.921	91	3075067	46.24	ug/l	96
79) 2-Chlorotoluene	13.007	91	1911253	45.49	ug/l	92
80) 1,3,5-Trimethylbenzene	13.058	105	2202323	45.79	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.626	75	239875	41.51	ug/l	93
82) 4-Chlorotoluene	13.104	91	1826099	46.21	ug/l	91
83) tert-Butylbenzene	13.324	119	1976495	46.41	ug/l	93
84) 1,2,4-Trimethylbenzene	13.369	105	2151467	46.97	ug/l	97
85) sec-Butylbenzene	13.501	105	2711408	46.93	ug/l	97
86) p-Isopropyltoluene	13.616	119	2127998	47.13	ug/l	96
87) 1,3-Dichlorobenzene	13.616	146	1034397	44.86	ug/l	97
88) 1,4-Dichlorobenzene	13.694	146	1005932	44.39	ug/l	97
89) n-Butylbenzene	13.943	91	1753210	47.86	ug/l	97
90) Hexachloroethane	14.211	117	347425	43.82	ug/l	89
91) 1,2-Dichlorobenzene	13.989	146	1006224	44.78	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.603	75	172476	46.19	ug/l	78
93) 1,2,4-Trichlorobenzene	15.265	180	496316	45.32	ug/l	97
94) Hexachlorobutadiene	15.370	225	284831	47.83	ug/l	98
95) Naphthalene	15.507	128	1471117	45.23	ug/l	100
96) 1,2,3-Trichlorobenzene	15.702	180	494957	46.28	ug/l	98

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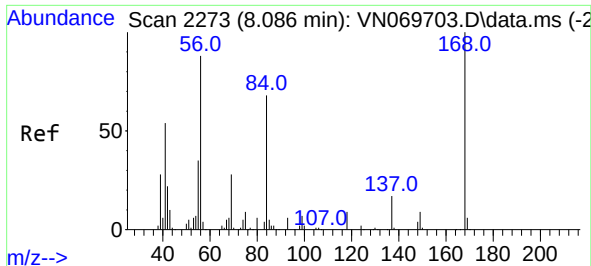
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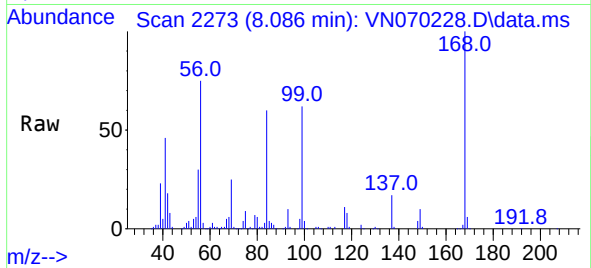
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.000 min
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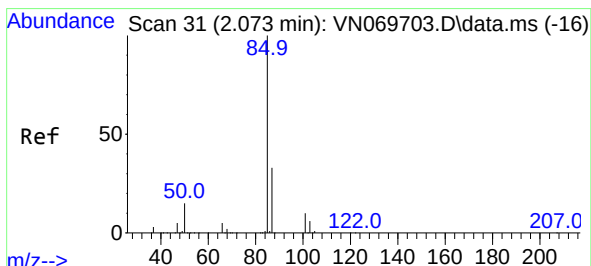
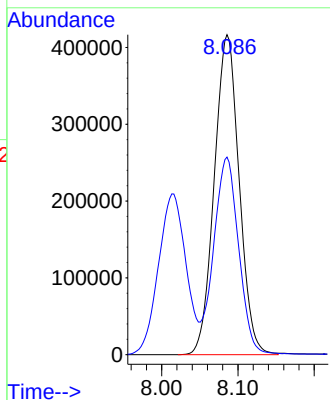
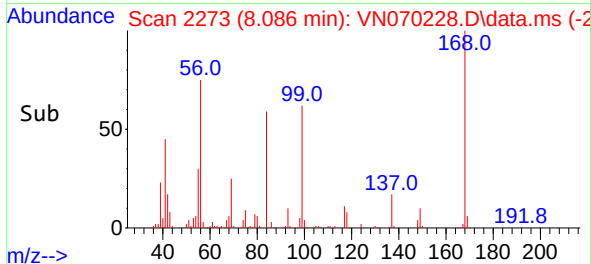
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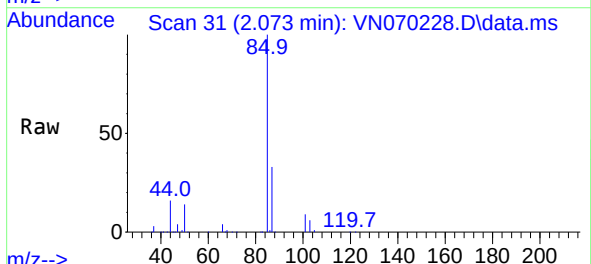
Tgt Ion:168 Resp: 94359
Ion Ratio Lower Upper
168 100
99 61.3 41.3 61.9

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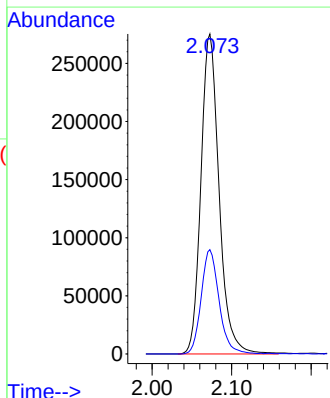
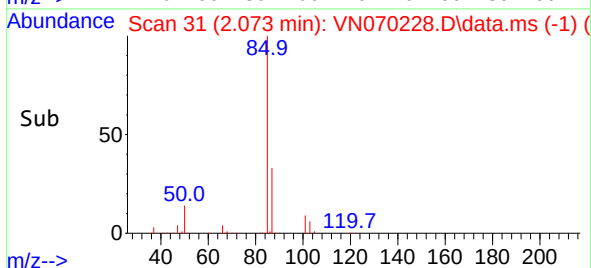
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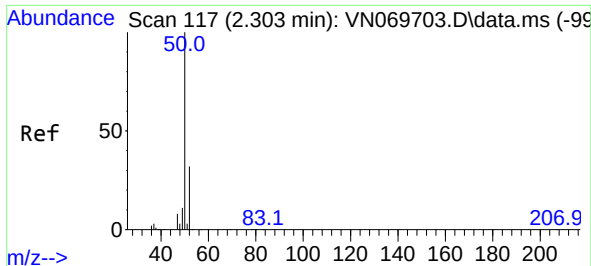


#2
Dichlorodifluoromethane
Concen: 39.65 ug/l
RT: 2.073 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN070228.D
Acq: 18 Dec 2021 21:33



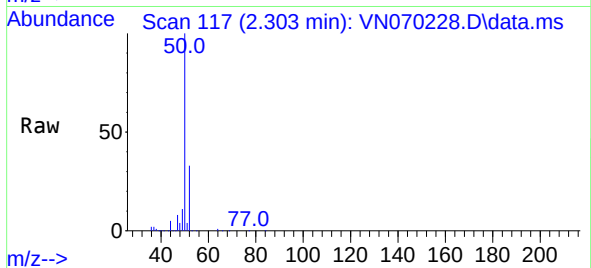
Tgt Ion: 85 Resp: 436329
Ion Ratio Lower Upper
85 100
87 32.6 16.3 48.9





#3
Chloromethane
Concen: 40.78 ug/l
RT: 2.303 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN070228.D
Acq: 18 Dec 2021 21:33

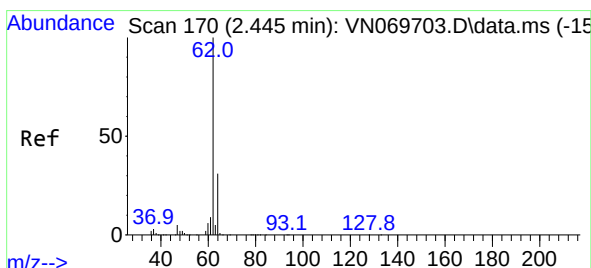
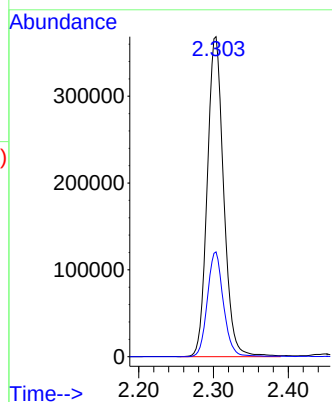
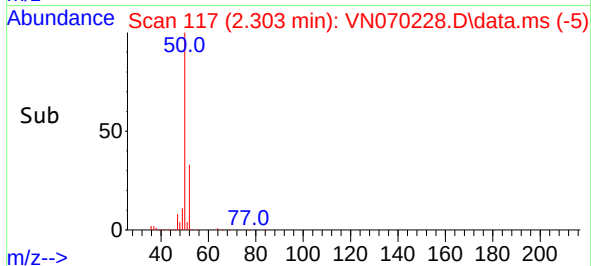
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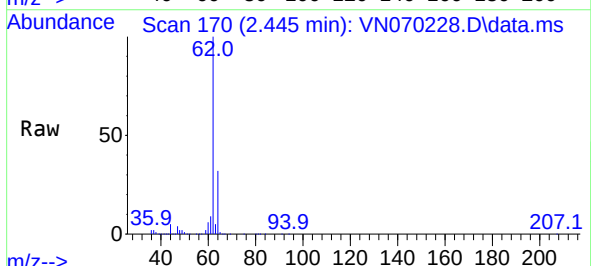
Tgt Ion: 50 Resp: 562270
Ion Ratio Lower Upper
50 100
52 32.7 25.4 38.0

Manual Integrations
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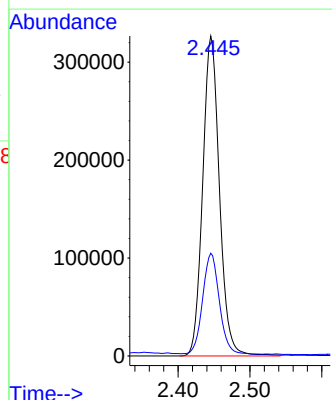
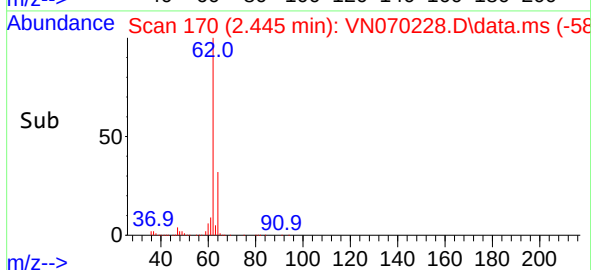
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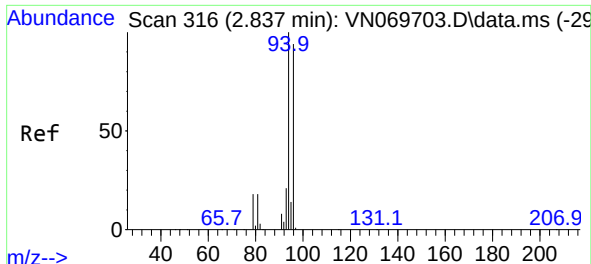


#4
Vinyl Chloride
Concen: 41.86 ug/l
RT: 2.445 min Scan# 170
Delta R.T. 0.000 min
Lab File: VN070228.D
Acq: 18 Dec 2021 21:33



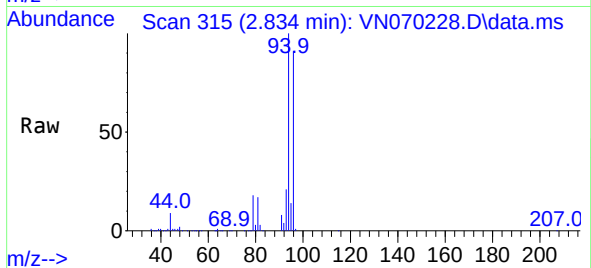
Tgt Ion: 62 Resp: 530708
Ion Ratio Lower Upper
62 100
64 31.6 25.8 38.6





#5
Bromomethane
Concen: 39.84 ug/l
RT: 2.834 min Scan# 316
Delta R.T. -0.003 min
Lab File: VN070228.D
Acq: 18 Dec 2021 21:33

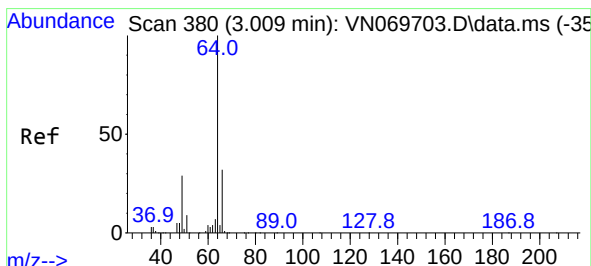
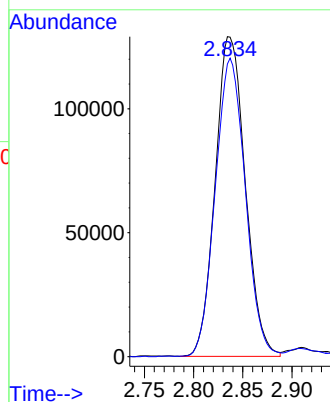
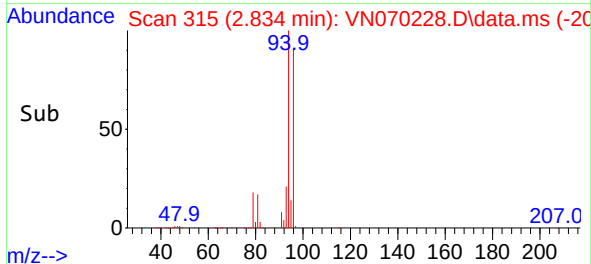
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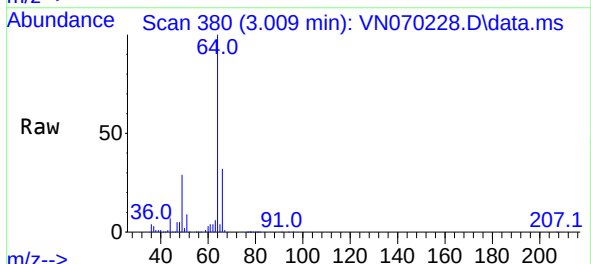
Tgt Ion: 94 Resp: 274370
Ion Ratio Lower Upper
94 100
96 91.4 73.8 110.8

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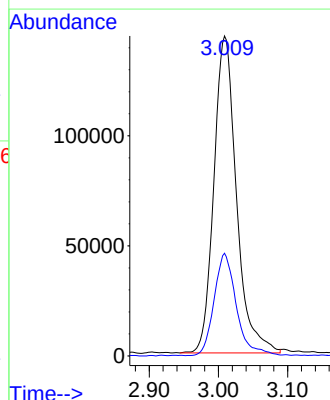
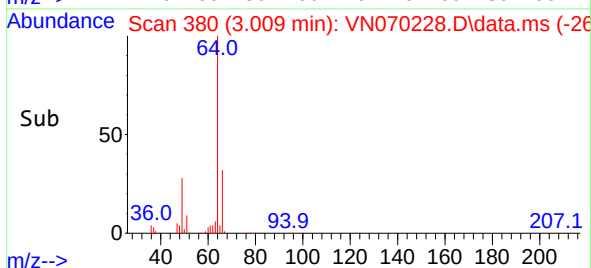
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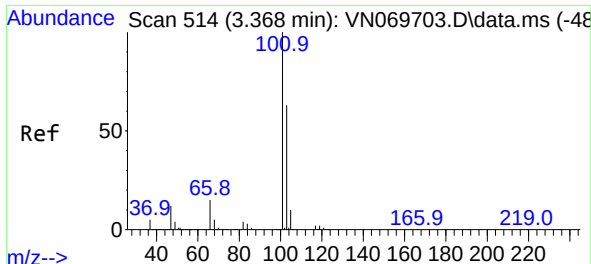


#6
Chloroethane
Concen: 41.95 ug/l
RT: 3.009 min Scan# 380
Delta R.T. 0.000 min
Lab File: VN070228.D
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Tgt Ion: 64 Resp: 325914
Ion Ratio Lower Upper
64 100
66 32.2 26.3 39.5





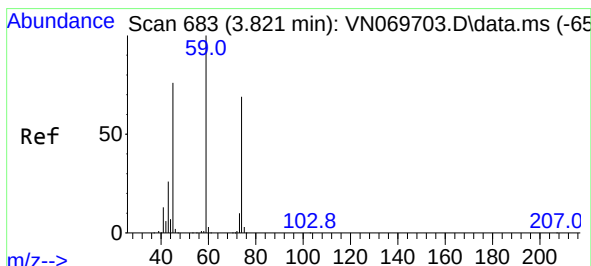
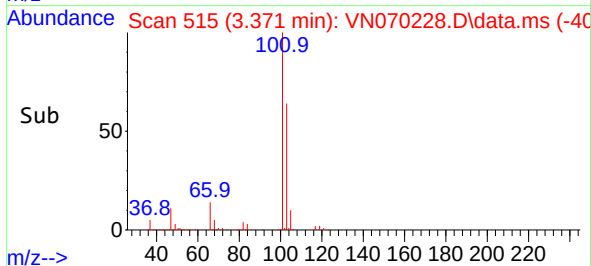
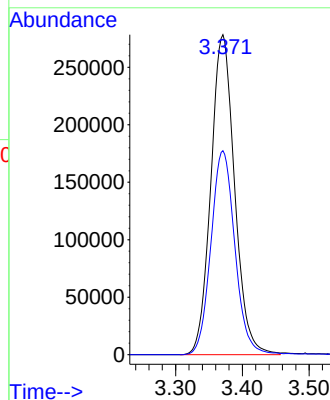
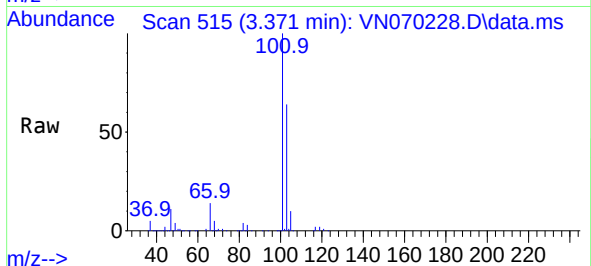
#7
Trichlorofluoromethane
Concen: 41.36 ug/l
RT: 3.371 min Scan# 514
Delta R.T. 0.003 min
Lab File: VN070228.D
Acq: 18 Dec 2021 21:33

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Tgt Ion:101 Resp: 688204
Ion Ratio Lower Upper
101 100
103 63.8 50.1 75.1

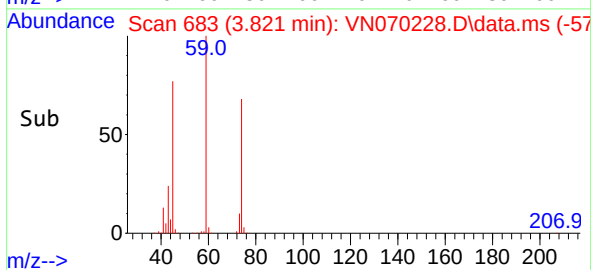
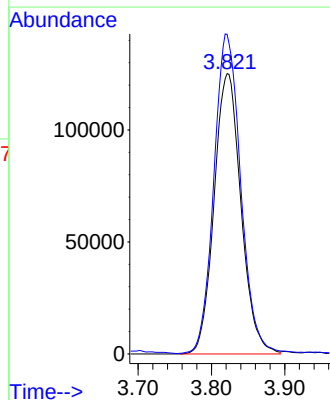
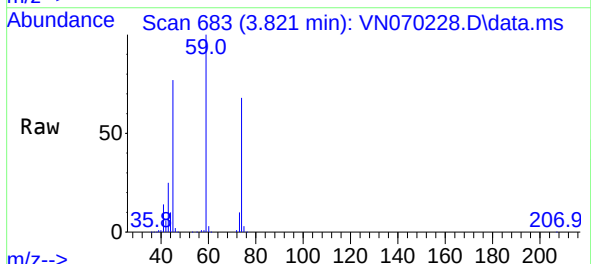
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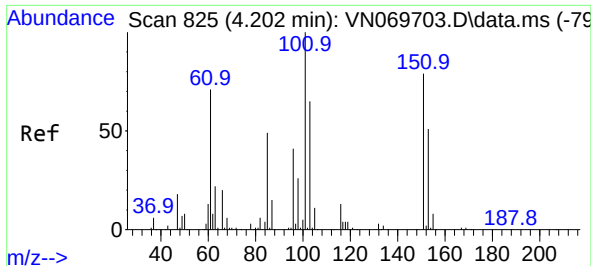
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#8
Diethyl Ether
Concen: 49.81 ug/l
RT: 3.821 min Scan# 683
Delta R.T. 0.000 min
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Tgt Ion: 74 Resp: 319218
Ion Ratio Lower Upper
74 100
45 113.7 47.0 141.2





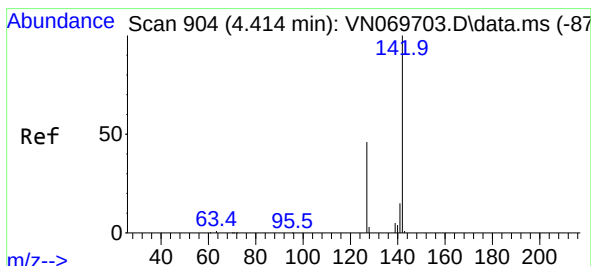
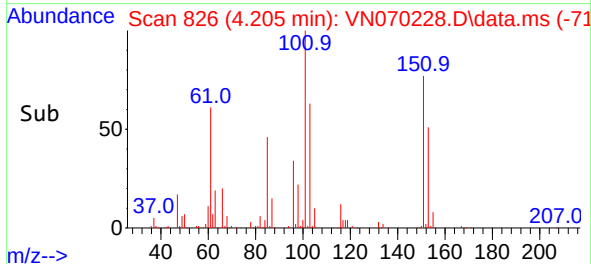
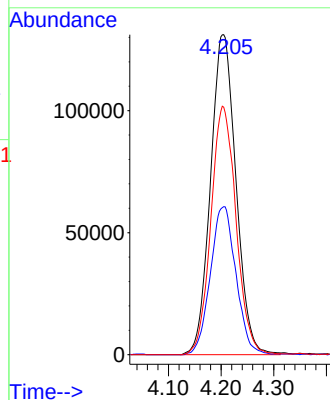
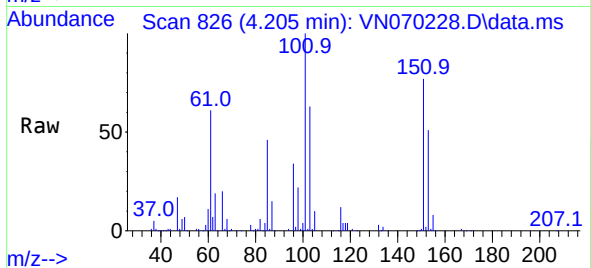
#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.29 ug/l
RT: 4.205 min Scan# 825
Delta R.T. 0.003 min
Lab File: VN070228.D
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MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 441044
Ion Ratio Lower Upper
101 100
85 46.5 37.2 55.8
151 76.8 65.9 98.9

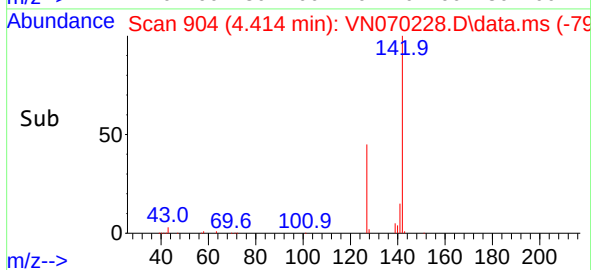
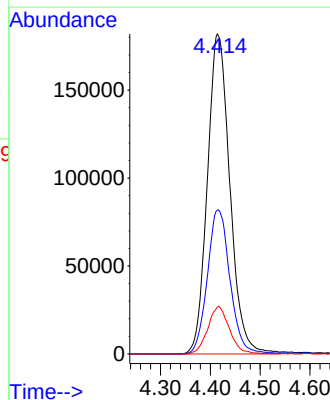
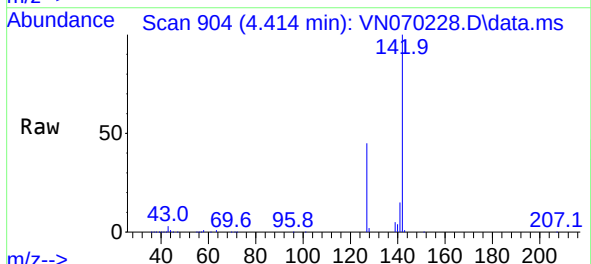
Manual Integrations
APPROVED

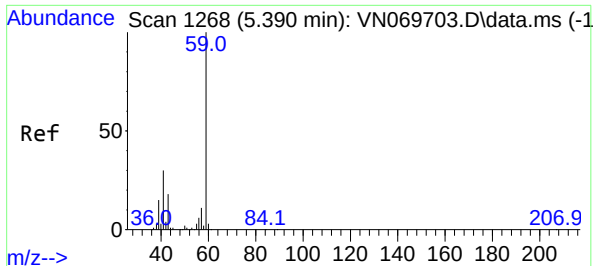
Reviewed By :John Carlone 12/20/2021
Supervised By :Mahesh Dadoda 12/24/2021



#10
Methyl Iodide
Concen: 44.84 ug/l
RT: 4.414 min Scan# 904
Delta R.T. 0.000 min
Lab File: VN070228.D
Acq: 18 Dec 2021 21:33

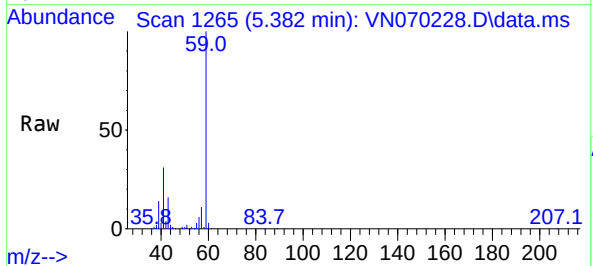
Tgt Ion:142 Resp: 571340
Ion Ratio Lower Upper
142 100
127 45.2 35.4 53.0
141 14.3 11.6 17.4





#11
Tert butyl alcohol
Concen: 243.60 ug/l
RT: 5.382 min Scan# 11
Delta R.T. -0.008 min
Lab File: VN070228.D
Acq: 18 Dec 2021 21:33

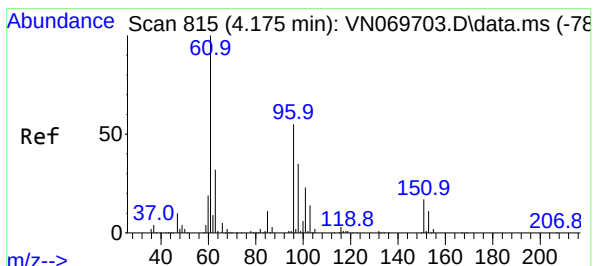
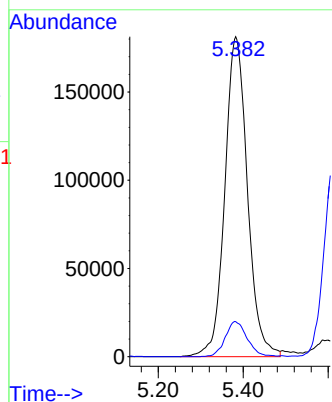
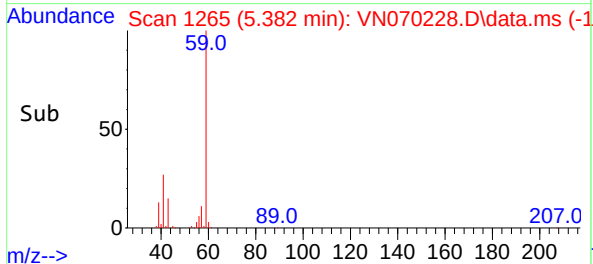
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 59 Resp: 670859
Ion Ratio Lower Upper
59 100
57 10.7 8.7 13.1

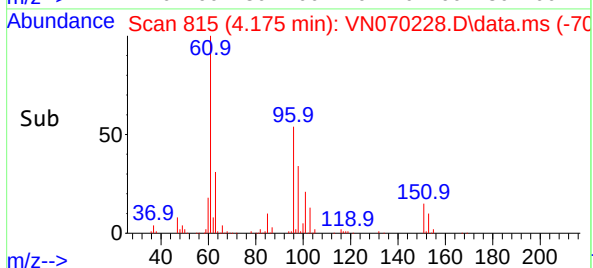
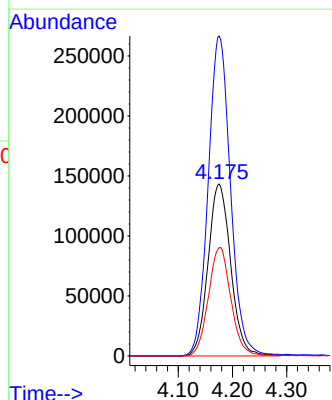
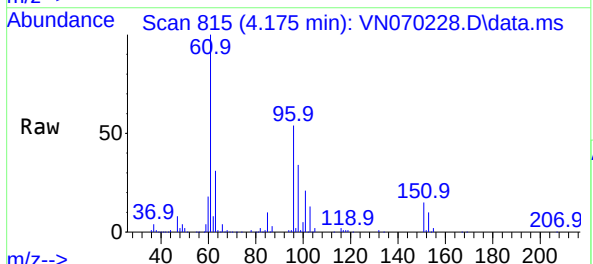
Manual Integrations
APPROVED

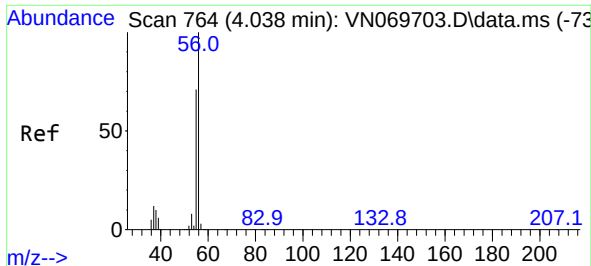
Reviewed By :John Carlone 12/20/2021
Supervised By :Mahesh Dadoda 12/24/2021



#12
1,1-Dichloroethene
Concen: 46.38 ug/l
RT: 4.175 min Scan# 815
Delta R.T. 0.000 min
Lab File: VN070228.D
Acq: 18 Dec 2021 21:33

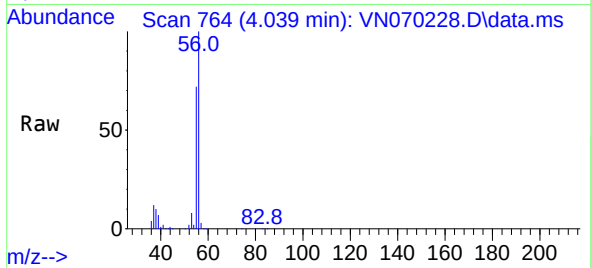
Tgt Ion: 96 Resp: 416851
Ion Ratio Lower Upper
96 100
61 186.0 131.0 196.6
98 62.9 52.4 78.6





#13
Acrolein
Concen: 248.79 ug/l
RT: 4.039 min Scan# 70
Delta R.T. 0.000 min
Lab File: VN070228.D
Acq: 18 Dec 2021 21:33

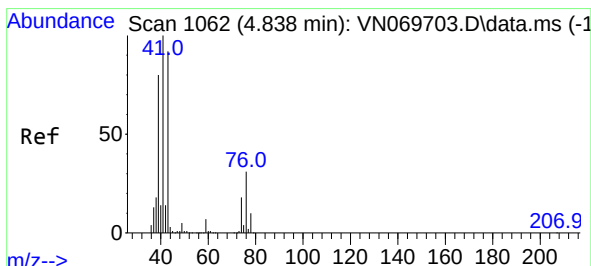
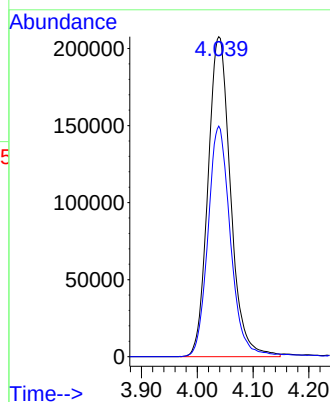
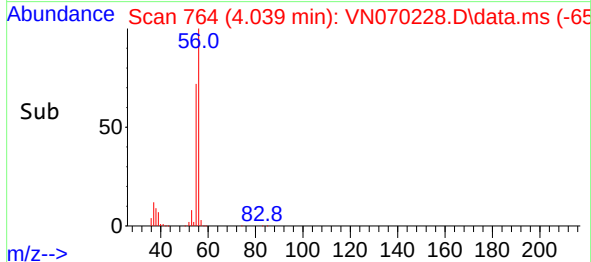
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



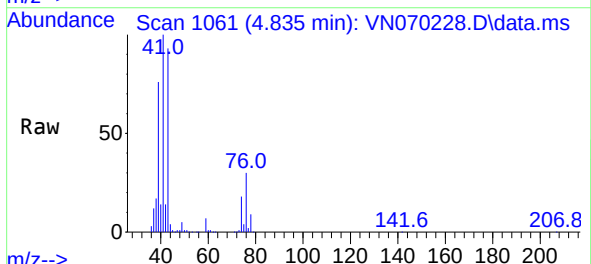
Tgt Ion: 56 Resp: 583475
Ion Ratio Lower Upper
56 100
55 71.5 56.6 85.0

Manual Integrations
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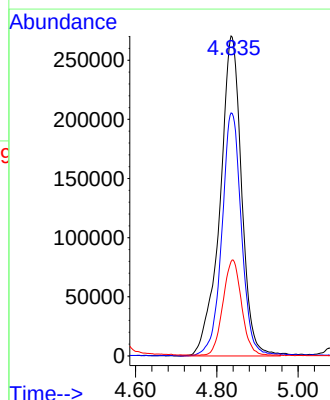
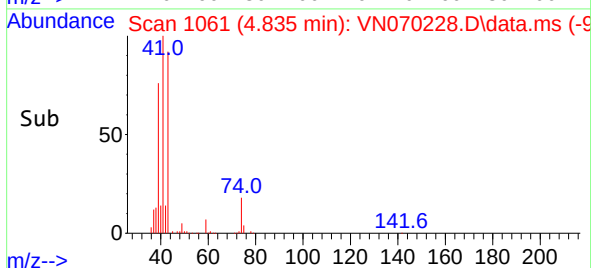
Reviewed By :John Carlone 12/20/2021
Supervised By :Mahesh Dadoda 12/24/2021

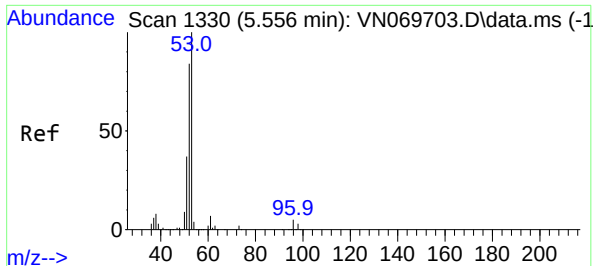


#14
Allyl chloride
Concen: 49.40 ug/l
RT: 4.835 min Scan# 1061
Delta R.T. -0.003 min
Lab File: VN070228.D
Acq: 18 Dec 2021 21:33



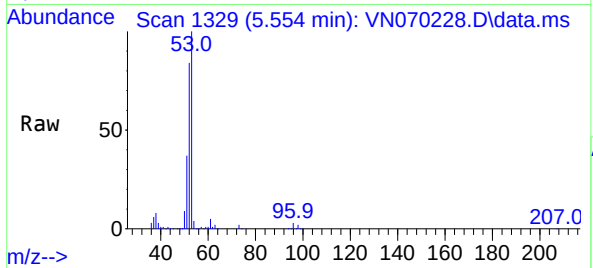
Tgt Ion: 41 Resp: 1000616
Ion Ratio Lower Upper
41 100
39 68.8 61.2 91.8
76 25.5 26.0 39.0





#15
Acrylonitrile
Concen: 253.60 ug/l
RT: 5.554 min Scan# 11
Delta R.T. -0.003 min
Lab File: VN070228.D
Acq: 18 Dec 2021 21:33

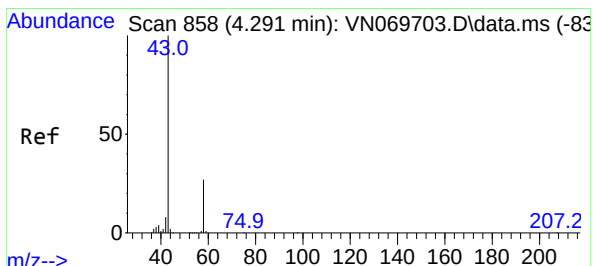
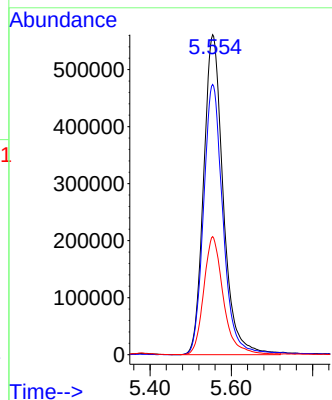
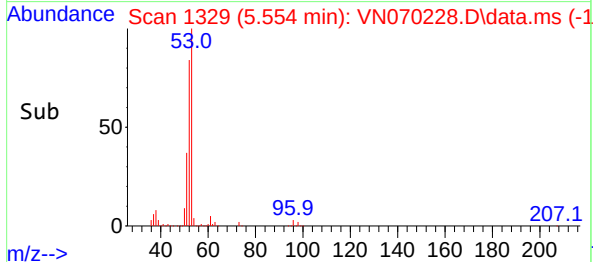
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



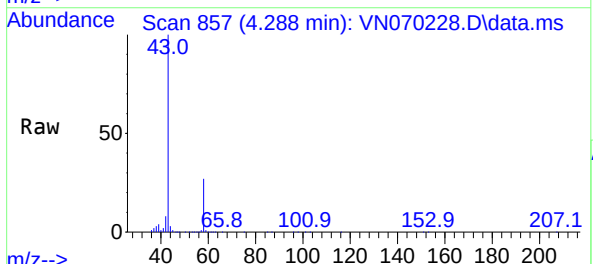
Tgt Ion: 53 Resp: 188193
Ion Ratio Lower Upper
53 100
52 83.5 66.2 99.2
51 36.8 29.6 44.4

Manual Integrations
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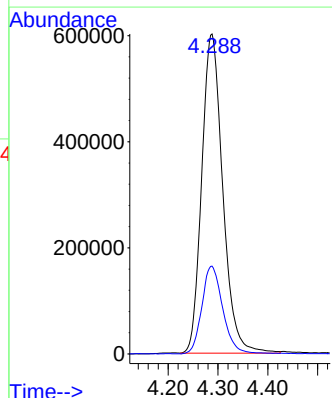
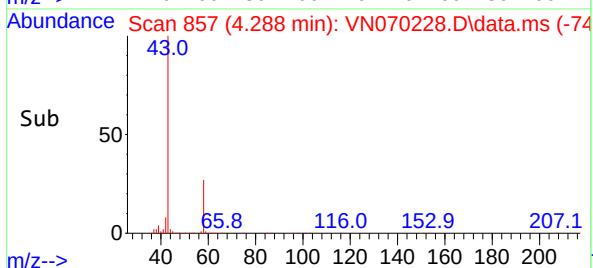
Reviewed By :John Carlone 12/20/2021
Supervised By :Mahesh Dadoda 12/24/2021

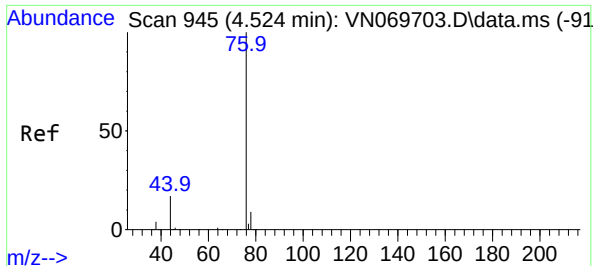


#16
Acetone
Concen: 201.08 ug/l
RT: 4.288 min Scan# 857
Delta R.T. -0.003 min
Lab File: VN070228.D
Acq: 18 Dec 2021 21:33



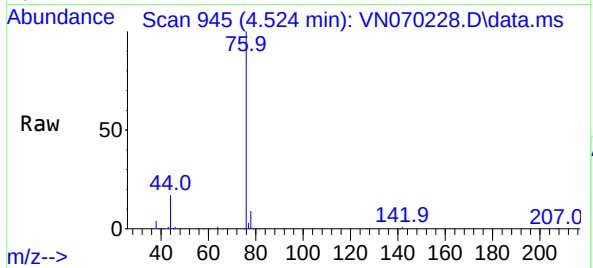
Tgt Ion: 43 Resp: 1762287
Ion Ratio Lower Upper
43 100
58 27.5 23.1 34.7





#17
Carbon Disulfide
Concen: 37.71 ug/l
RT: 4.524 min Scan# 945
Delta R.T. 0.000 min
Lab File: VN070228.D
Acq: 18 Dec 2021 21:33

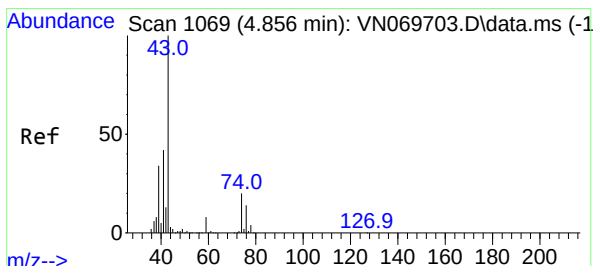
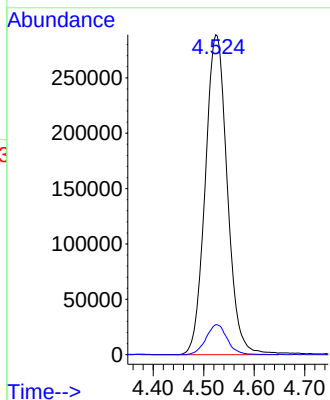
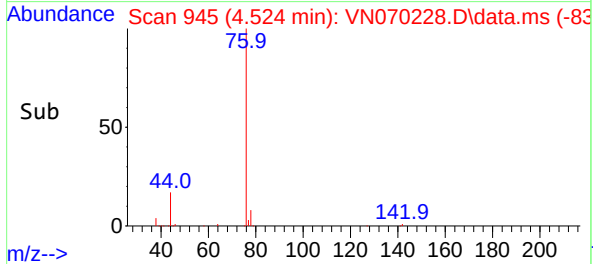
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



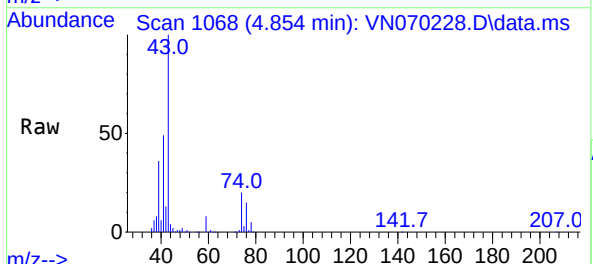
Tgt Ion: 76 Resp: 87556
Ion Ratio Lower Upper
76 100
78 9.4 7.5 11.3

Manual Integrations
APPROVED

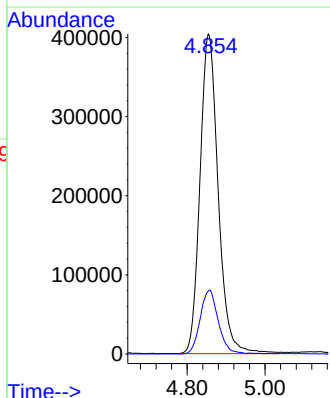
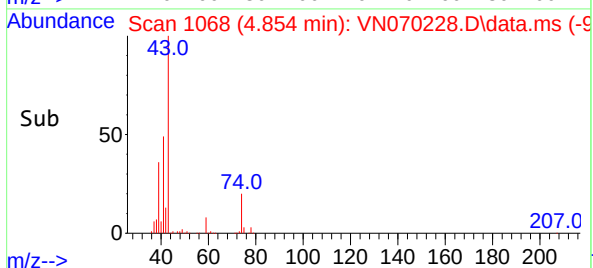
Reviewed By :John Carlone 12/20/2021
Supervised By :Mahesh Dadoda 12/24/2021

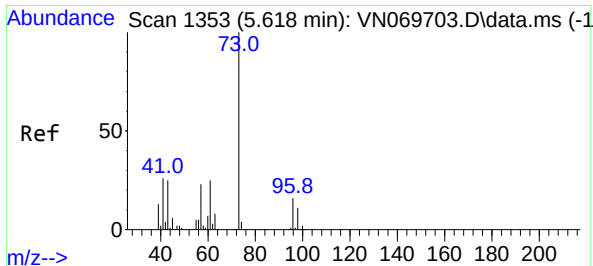


#18
Methyl Acetate
Concen: 49.41 ug/l
RT: 4.854 min Scan# 1068
Delta R.T. -0.003 min
Lab File: VN070228.D
Acq: 18 Dec 2021 21:33



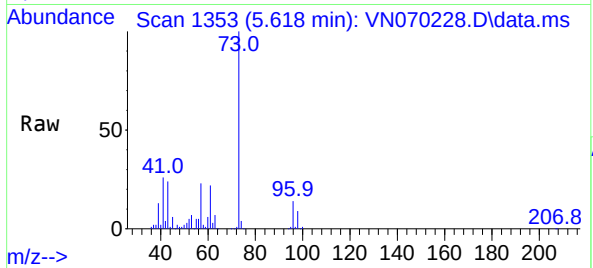
Tgt Ion: 43 Resp: 1307063
Ion Ratio Lower Upper
43 100
74 19.9 19.4 29.2





#19
Methyl tert-butyl Ether
Concen: 52.04 ug/l
RT: 5.618 min Scan# 1156
Delta R.T. 0.000 min
Lab File: VN070228.D
Acq: 18 Dec 2021 21:33

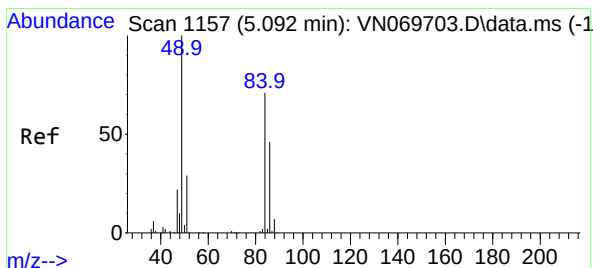
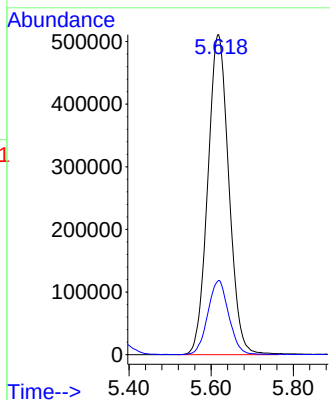
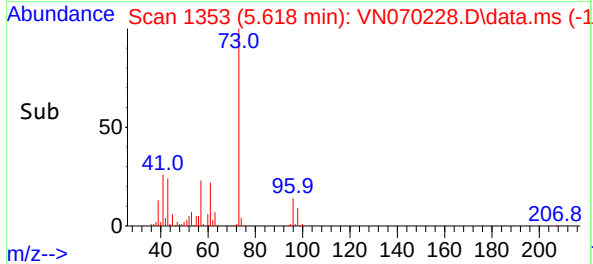
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 73 Resp: 181856
Ion Ratio Lower Upper
73 100
57 23.1 16.8 25.2

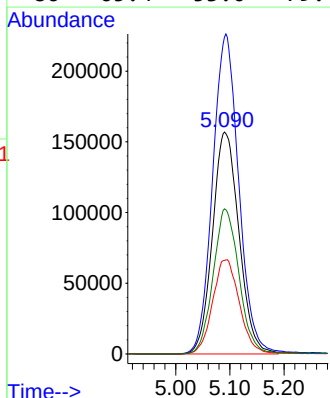
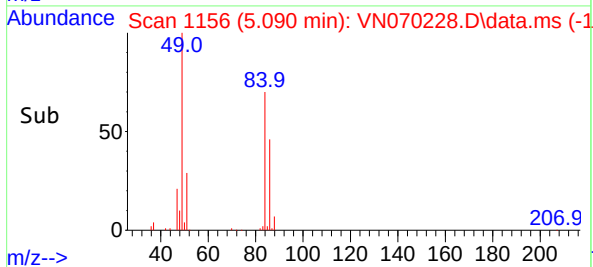
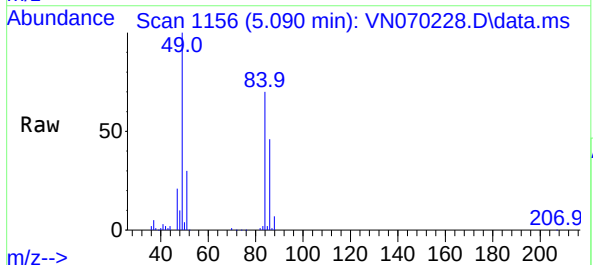
Manual Integrations
APPROVED

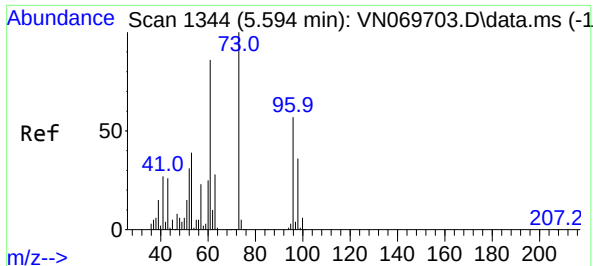
Reviewed By :John Carlone 12/20/2021
Supervised By :Mahesh Dadoda 12/24/2021



#20
Methylene Chloride
Concen: 45.82 ug/l
RT: 5.090 min Scan# 1156
Delta R.T. -0.003 min
Lab File: VN070228.D
Acq: 18 Dec 2021 21:33

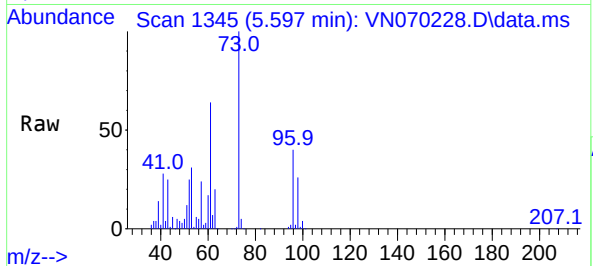
Tgt Ion: 84 Resp: 533854
Ion Ratio Lower Upper
84 100
49 142.7 93.5 140.3#
51 42.1 29.4 44.2
86 65.4 53.0 79.4





#21
trans-1,2-Dichloroethene
Concen: 44.89 ug/l
RT: 5.597 min Scan# 11
Delta R.T. 0.003 min
Lab File: VN070228.D
Acq: 18 Dec 2021 21:33

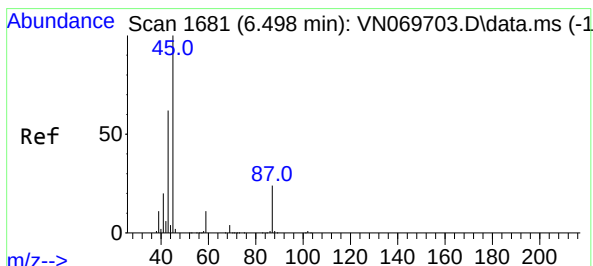
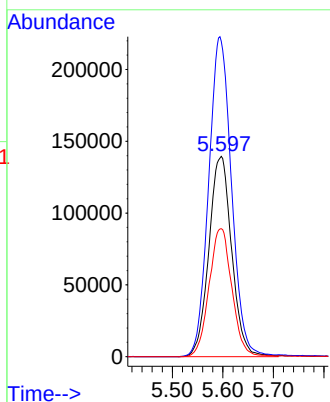
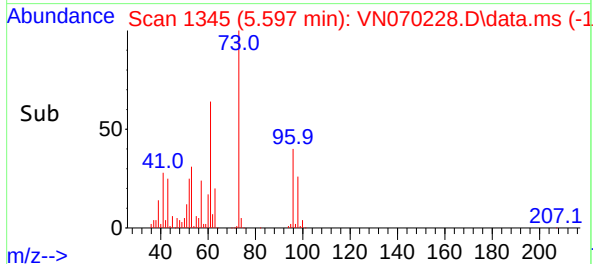
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



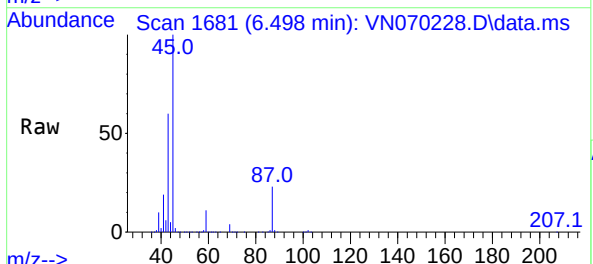
Tgt Ion: 96 Resp: 43826
Ion Ratio Lower Upper
96 100
61 157.5 105.8 158.6
98 63.9 52.0 78.0

Manual Integrations
APPROVED

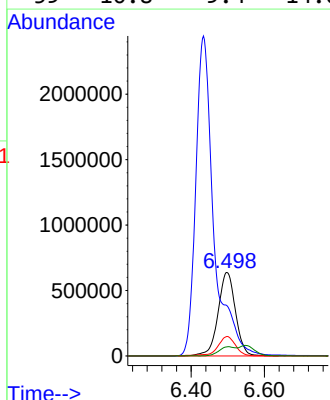
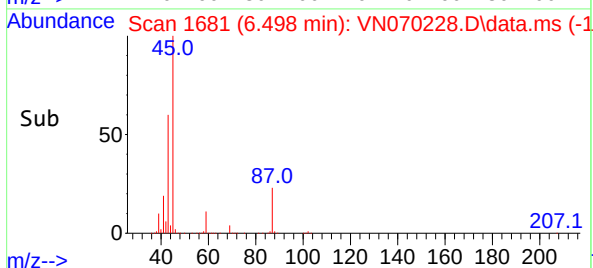
Reviewed By :John Carlone 12/20/2021
Supervised By :Mahesh Dadoda 12/24/2021

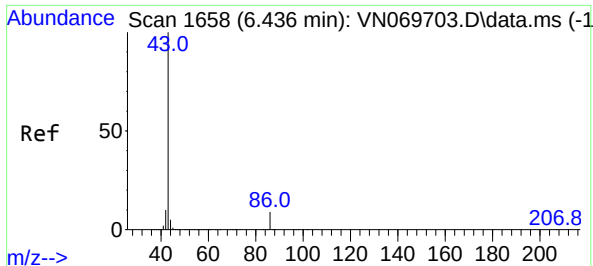


#22
Diisopropyl ether
Concen: 53.33 ug/l
RT: 6.498 min Scan# 1681
Delta R.T. 0.000 min
Lab File: VN070228.D
Acq: 18 Dec 2021 21:33



Tgt Ion: 45 Resp: 2111339
Ion Ratio Lower Upper
45 100
43 59.9 51.7 77.5
87 23.3 23.2 34.8
59 10.8 9.4 14.0





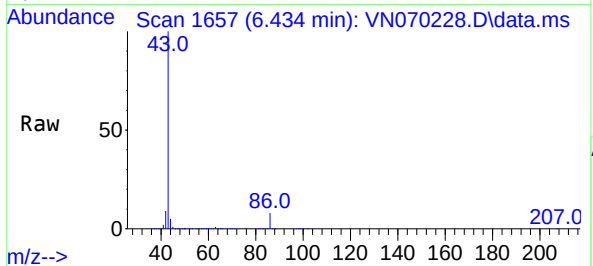
#23
 Vinyl Acetate
 Concen: 259.13 ug/l
 RT: 6.434 min Scan# 1657
 Delta R.T. -0.003 min
 Lab File: VN070228.D
 Acq: 18 Dec 2021 21:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

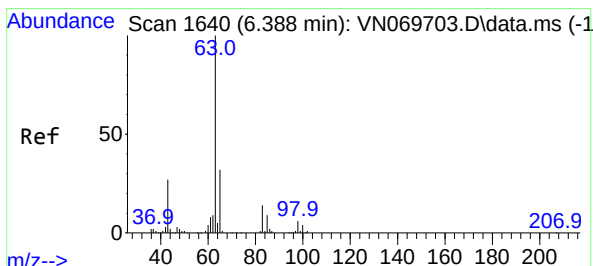
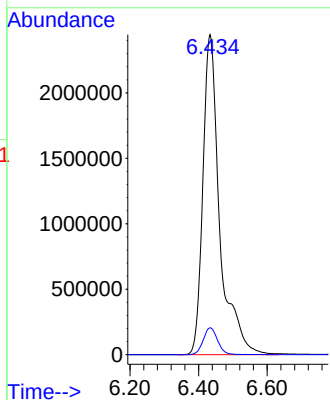
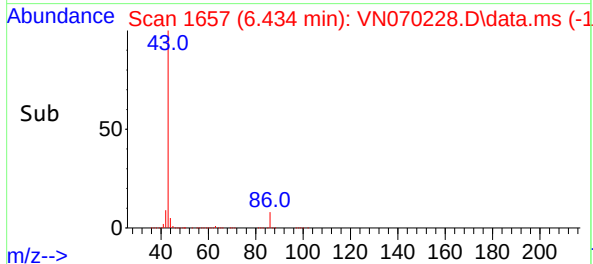


Tgt Ion: 43 Resp: 8345704
 Ion Ratio Lower Upper
 43 100
 86 8.4 8.5 12.7

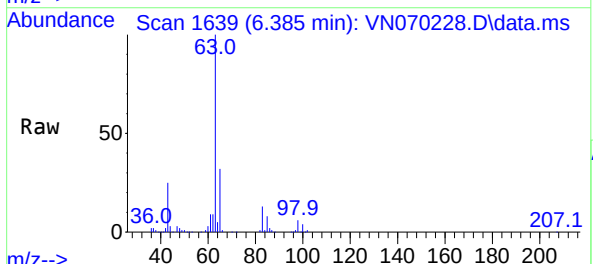
Manual Integrations

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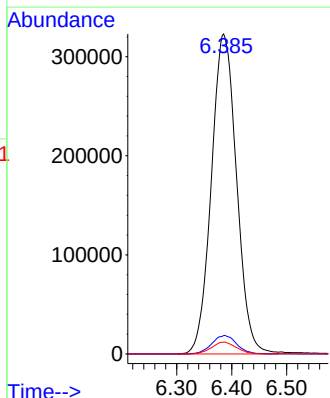
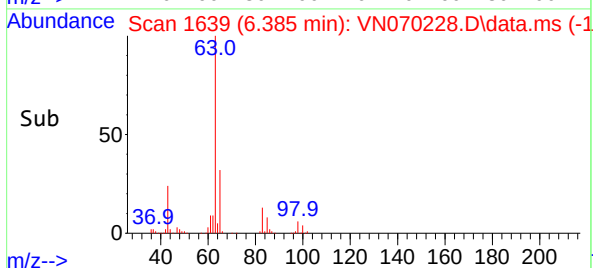
Reviewed By :John Carlone 12/20/2021
 Supervised By :Mahesh Dadoda 12/24/2021

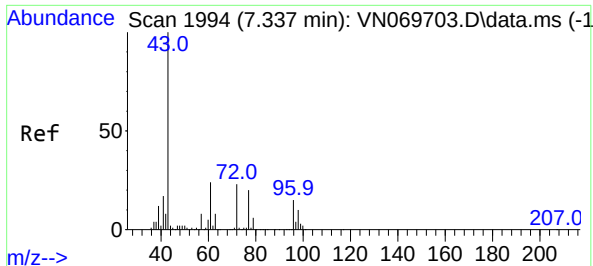


#24
 1,1-Dichloroethane
 Concen: 50.19 ug/l
 RT: 6.385 min Scan# 1639
 Delta R.T. -0.003 min
 Lab File: VN070228.D
 Acq: 18 Dec 2021 21:33



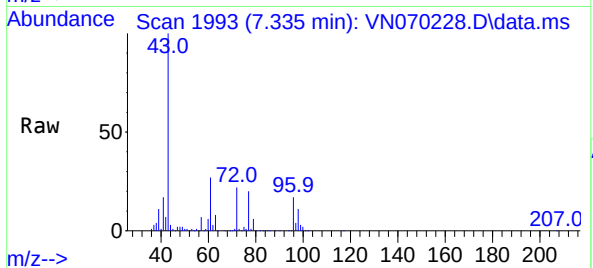
Tgt Ion: 63 Resp: 1029208
 Ion Ratio Lower Upper
 63 100
 98 5.7 3.3 9.9
 100 3.7 2.1 6.5





#25
2-Butanone
Concen: 235.47 ug/l
RT: 7.335 min Scan# 1994
Delta R.T. -0.003 min
Lab File: VN070228.D
Acq: 18 Dec 2021 21:33

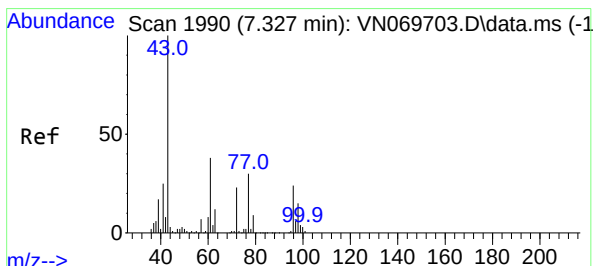
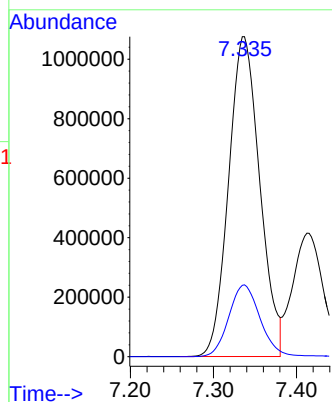
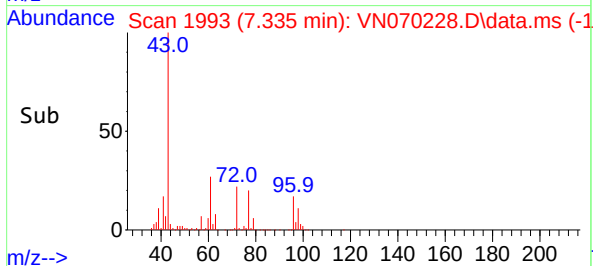
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



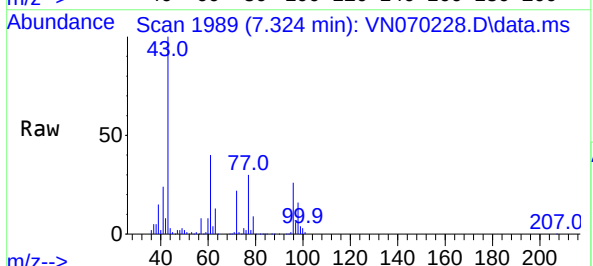
Tgt Ion: 43 Resp: 280394
Ion Ratio Lower Upper
43 100
72 22.3 21.7 32.5

Manual Integrations
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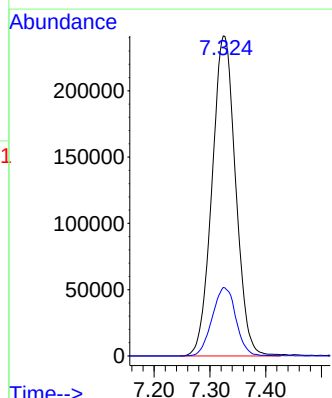
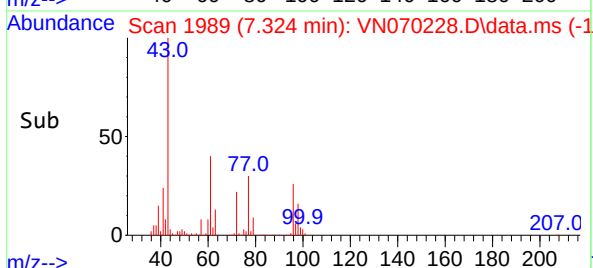
Reviewed By :John Carlone 12/20/2021
Supervised By :Mahesh Dadoda 12/24/2021

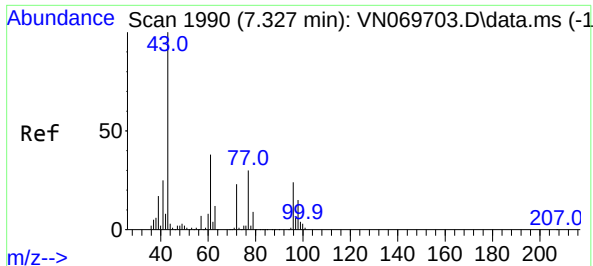


#26
2,2-Dichloropropane
Concen: 44.48 ug/l
RT: 7.324 min Scan# 1989
Delta R.T. -0.003 min
Lab File: VN070228.D
Acq: 18 Dec 2021 21:33



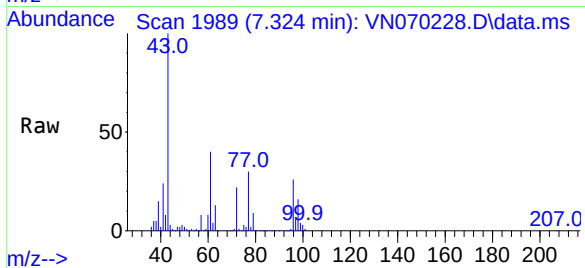
Tgt Ion: 77 Resp: 709121
Ion Ratio Lower Upper
77 100
97 21.6 11.6 34.8





#27
cis-1,2-Dichloroethene
Concen: 48.28 ug/l
RT: 7.324 min Scan# 1990
Delta R.T. -0.003 min
Lab File: VN070228.D
Acq: 18 Dec 2021 21:33

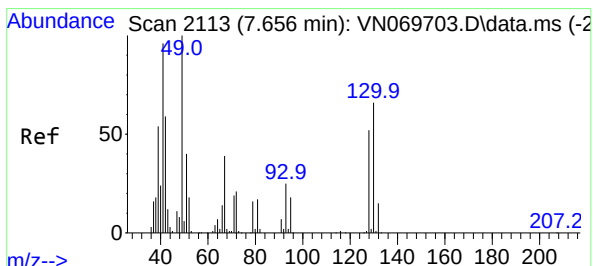
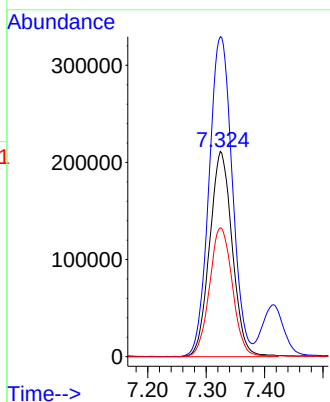
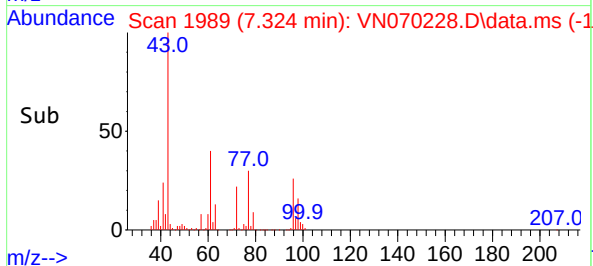
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 56950
Ion Ratio Lower Upper
96 100
61 160.2 0.0 275.0
98 63.7 0.0 129.6

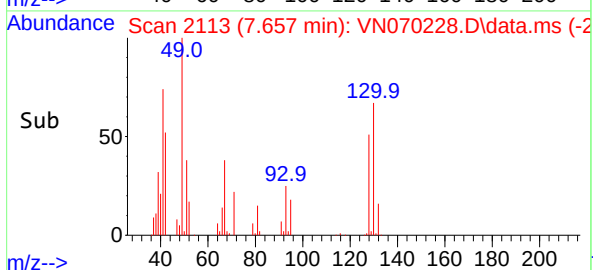
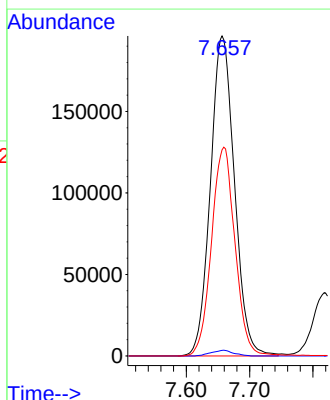
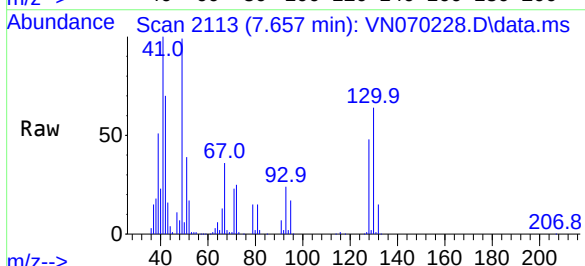
Manual Integrations
APPROVED

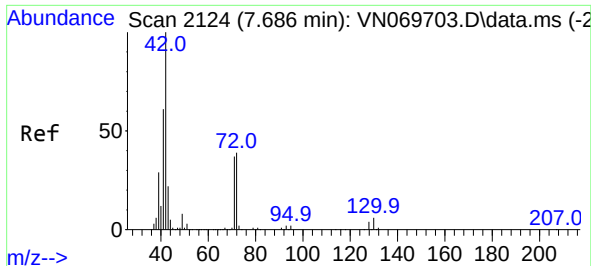
Reviewed By :John Carlone 12/20/2021
Supervised By :Mahesh Dadoda 12/24/2021



#28
Bromochloromethane
Concen: 48.58 ug/l
RT: 7.657 min Scan# 2113
Delta R.T. 0.000 min
Lab File: VN070228.D
Acq: 18 Dec 2021 21:33

Tgt Ion: 49 Resp: 518018
Ion Ratio Lower Upper
49 100
129 1.6 0.0 4.0
130 63.8 67.8 101.8#





#29

Tetrahydrofuran

Concen: 249.88 ug/l

RT: 7.686 min Scan# 2124

Delta R.T. 0.000 min

Lab File: VN070228.D

Acq: 18 Dec 2021 21:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 42 Resp: 180676

Ion Ratio Lower Upper

42 100

72 37.0 36.3 54.5

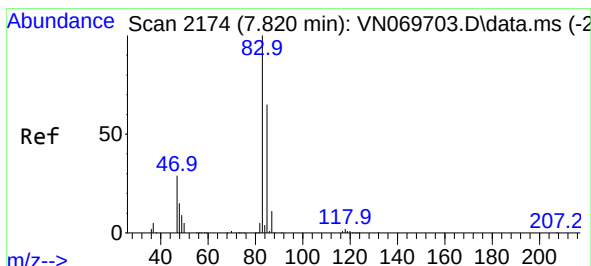
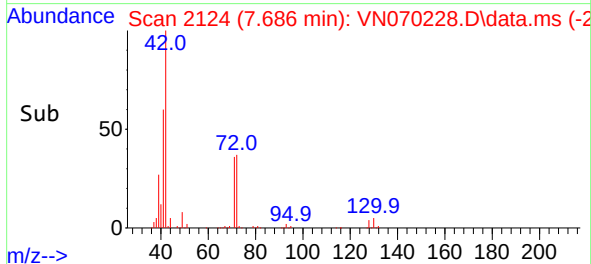
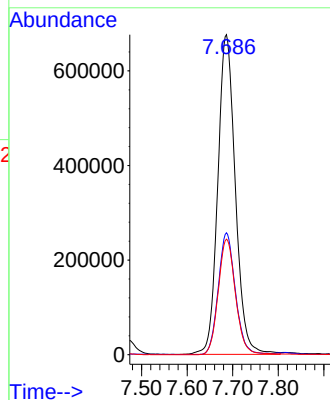
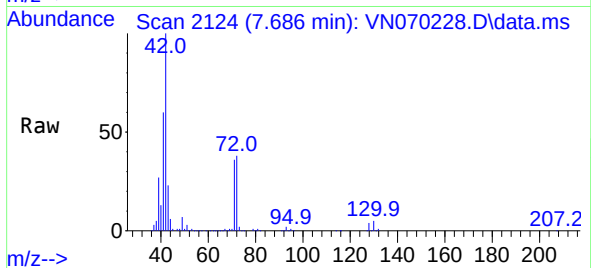
71 35.7 34.7 52.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/20/2021

Supervised By :Mahesh Dadoda 12/24/2021



#30

Chloroform

Concen: 49.39 ug/l

RT: 7.817 min Scan# 2173

Delta R.T. -0.003 min

Lab File: VN070228.D

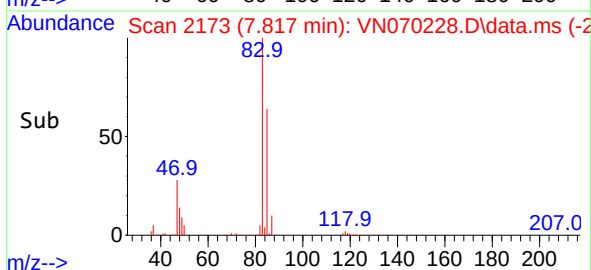
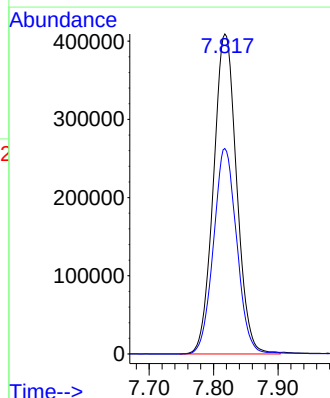
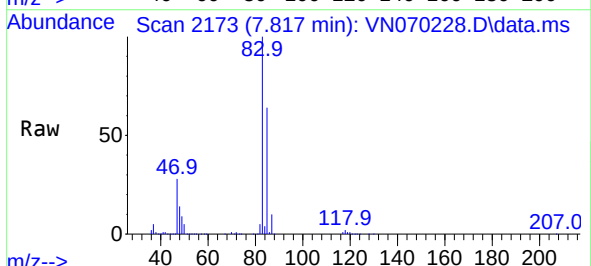
Acq: 18 Dec 2021 21:33

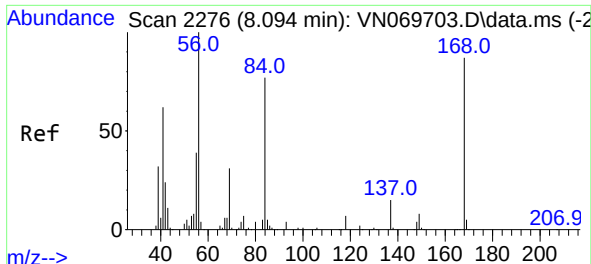
Tgt Ion: 83 Resp: 1022848

Ion Ratio Lower Upper

83 100

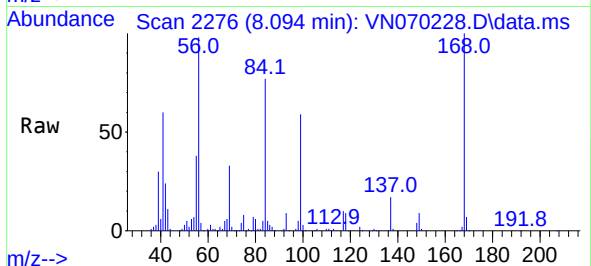
85 64.2 51.9 77.9





#31
Cyclohexane
Concen: 44.24 ug/l
RT: 8.094 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN070228.D
Acq: 18 Dec 2021 21:33

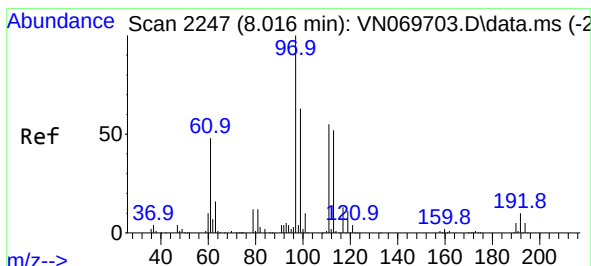
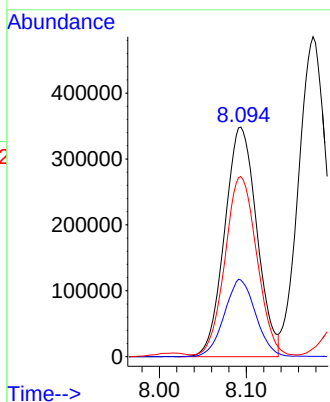
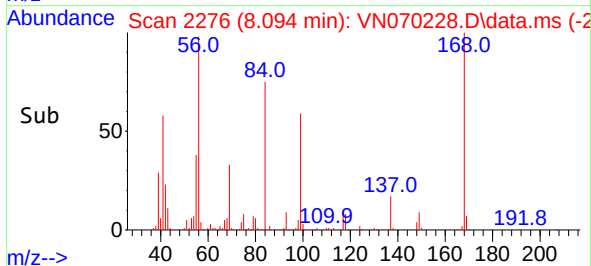
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



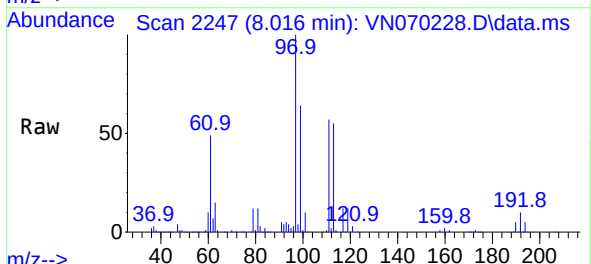
Tgt Ion: 56 Resp: 896934
Ion Ratio Lower Upper
56 100
69 33.4 27.1 40.7
84 77.0 73.4 110.0

Manual Integrations
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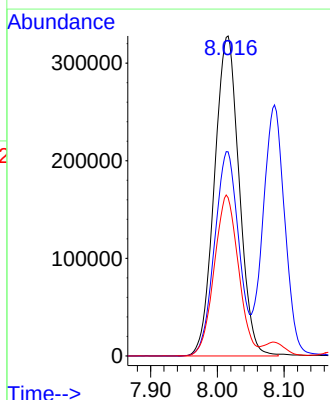
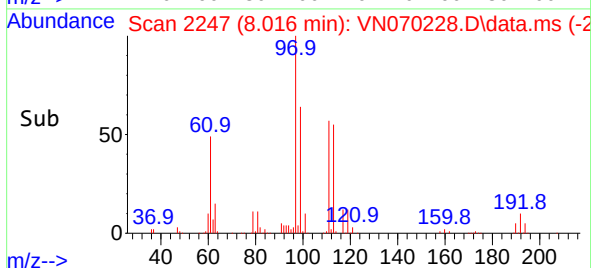
Reviewed By :John Carlone 12/20/2021
Supervised By :Mahesh Dadoda 12/24/2021

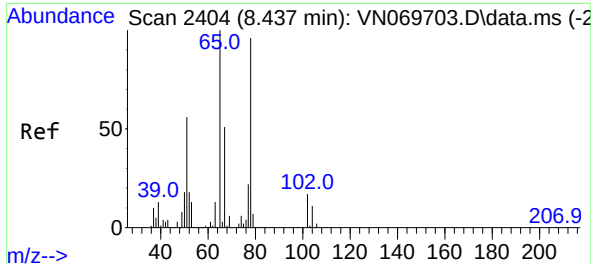


#32
1,1,1-Trichloroethane
Concen: 47.85 ug/l
RT: 8.016 min Scan# 2247
Delta R.T. 0.000 min
Lab File: VN070228.D
Acq: 18 Dec 2021 21:33



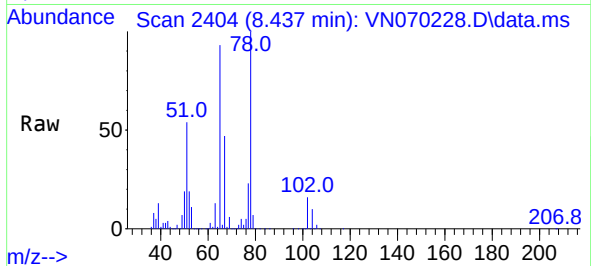
Tgt Ion: 97 Resp: 844124
Ion Ratio Lower Upper
97 100
99 62.3 50.1 75.1
61 49.4 35.2 52.8





#33
1,2-Dichloroethane-d4
Concen: 46.05 ug/l
RT: 8.437 min Scan# 2404
Delta R.T. 0.000 min
Lab File: VN070228.D
Acq: 18 Dec 2021 21:33

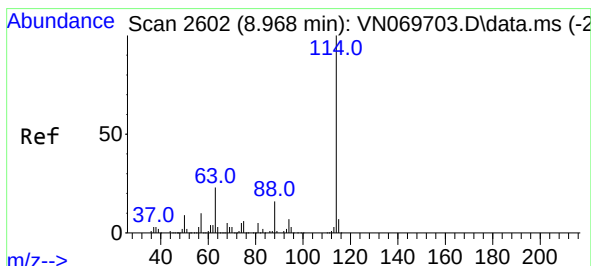
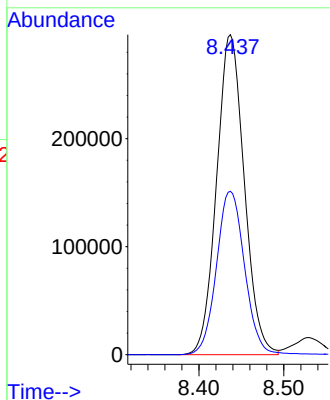
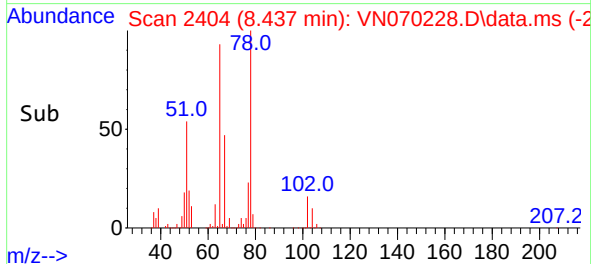
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



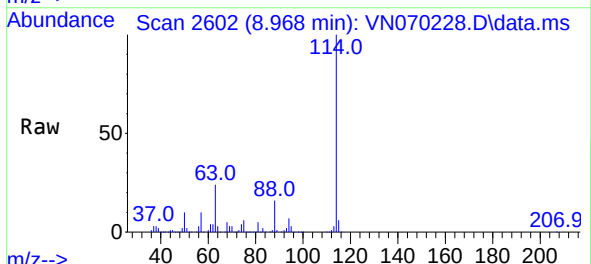
Tgt Ion: 65 Resp: 67092
Ion Ratio Lower Upper
65 100
67 52.0 0.0 103.0

Manual Integrations
APPROVED

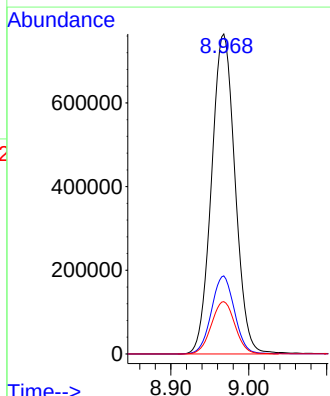
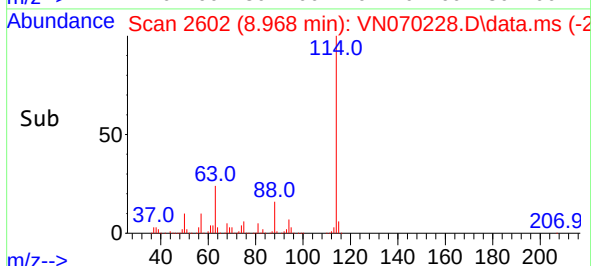
Reviewed By :John Carlone 12/20/2021
Supervised By :Mahesh Dadoda 12/24/2021

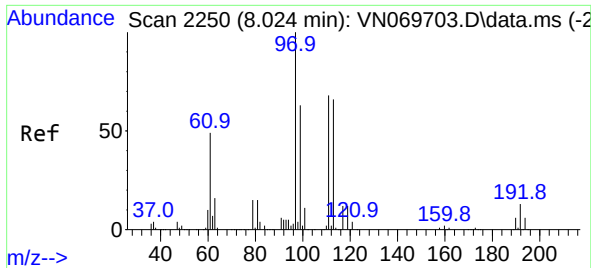


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.968 min Scan# 2602
Delta R.T. 0.000 min
Lab File: VN070228.D
Acq: 18 Dec 2021 21:33



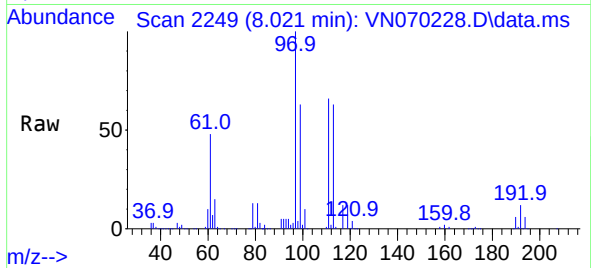
Tgt Ion:114 Resp: 1602298
Ion Ratio Lower Upper
114 100
63 24.4 0.0 37.8
88 16.4 0.0 27.4





#35
Dibromofluoromethane
Concen: 46.39 ug/l
RT: 8.021 min Scan# 21
Delta R.T. -0.003 min
Lab File: VN070228.D
Acq: 18 Dec 2021 21:33

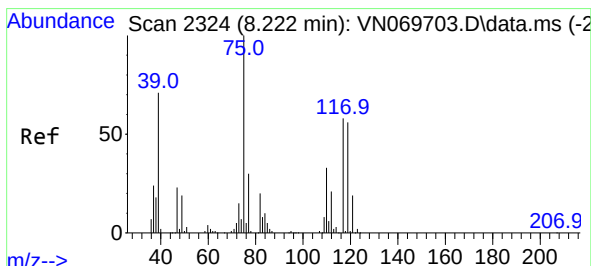
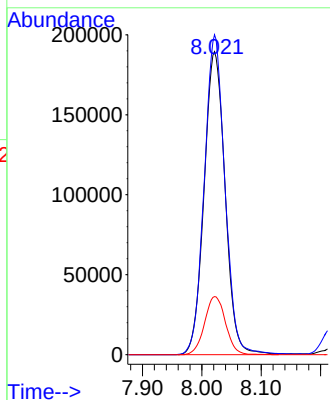
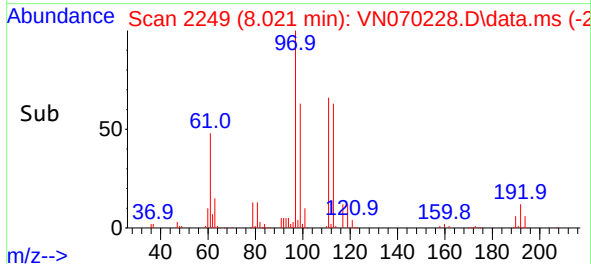
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



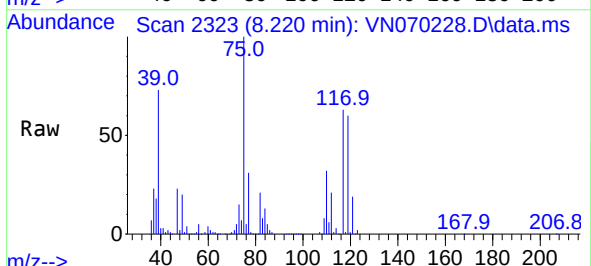
Tgt Ion: 113 Resp: 465579
Ion Ratio Lower Upper
113 100
111 103.8 82.2 123.2
192 19.1 16.9 25.3

Manual Integrations
APPROVED

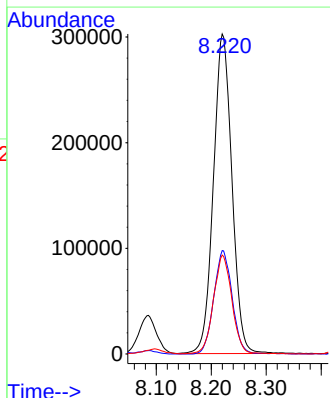
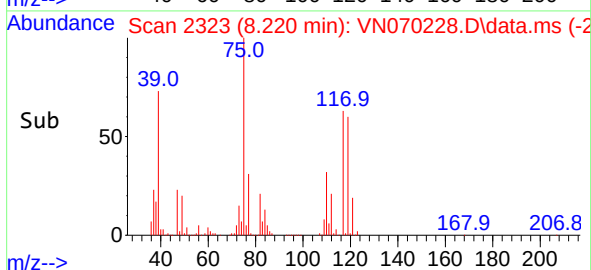
Reviewed By :John Carlone 12/20/2021
Supervised By :Mahesh Dadoda 12/24/2021

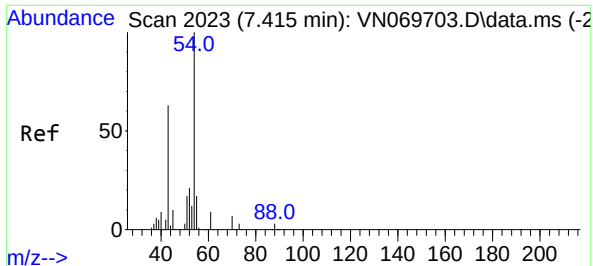


#36
1,1-Dichloropropene
Concen: 46.43 ug/l
RT: 8.220 min Scan# 2323
Delta R.T. -0.003 min
Lab File: VN070228.D
Acq: 18 Dec 2021 21:33



Tgt Ion: 75 Resp: 708156
Ion Ratio Lower Upper
75 100
110 32.0 18.4 55.2
77 30.6 24.4 36.6





#37
Ethyl Acetate
Concen: 47.67 ug/l
RT: 7.412 min Scan# 2022
Delta R.T. -0.003 min
Lab File: VN070228.D
Acq: 18 Dec 2021 21:33

Instrument :

MSVOA_N

ClientSampleId :

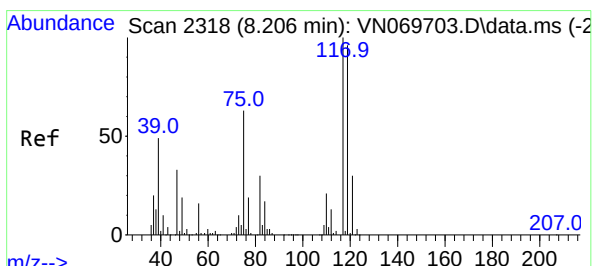
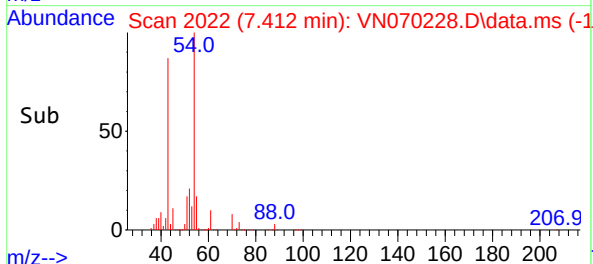
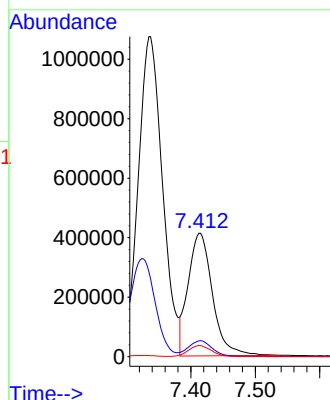
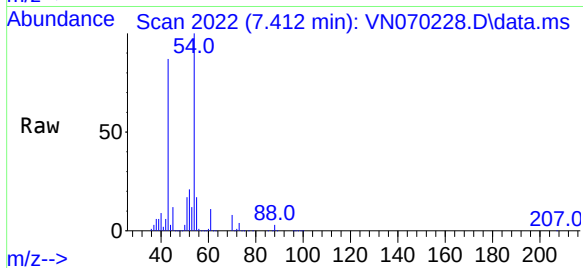
VSTDCCC050EC

Tgt Ion: 43 Resp: 108222
Ion Ratio Lower Upper
43 100
61 12.6 11.5 17.3
70 8.5 7.9 11.9

Manual Integrations

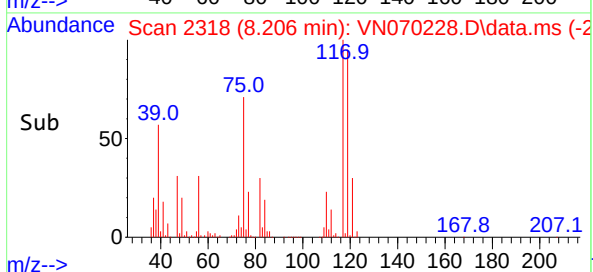
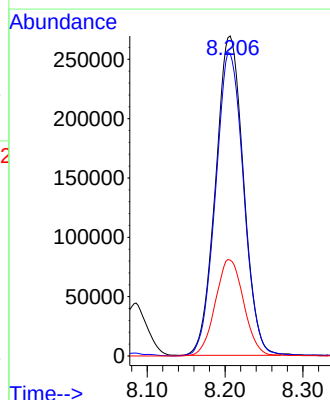
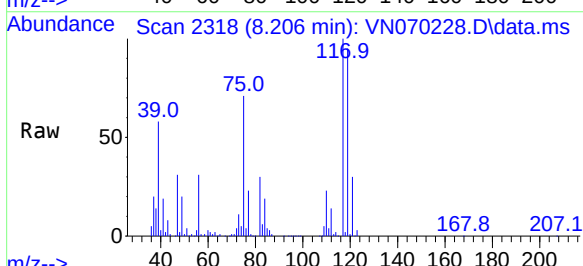
APPROVED

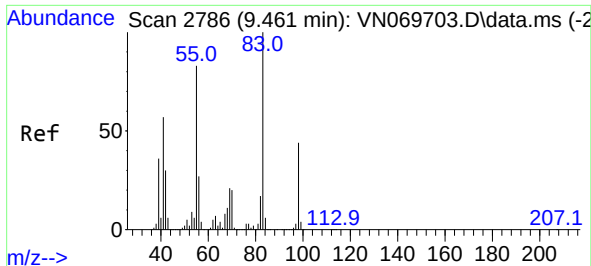
Reviewed By :John Carlone 12/20/2021
Supervised By :Mahesh Dadoda 12/24/2021



#38
Carbon Tetrachloride
Concen: 44.81 ug/l
RT: 8.206 min Scan# 2318
Delta R.T. 0.000 min
Lab File: VN070228.D
Acq: 18 Dec 2021 21:33

Tgt Ion:117 Resp: 670194
Ion Ratio Lower Upper
117 100
119 94.7 76.1 114.1
121 30.0 24.2 36.2





#39

Methylcyclohexane

Concen: 45.33 ug/l

RT: 9.459 min Scan# 21

Delta R.T. -0.003 min

Lab File: VN070228.D

Acq: 18 Dec 2021 21:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 822509

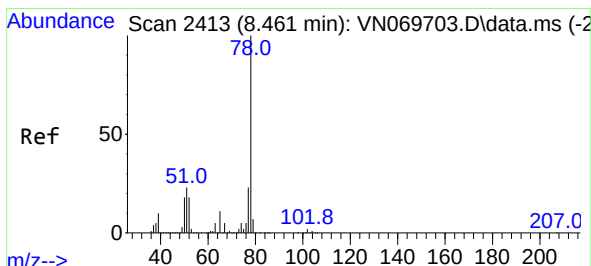
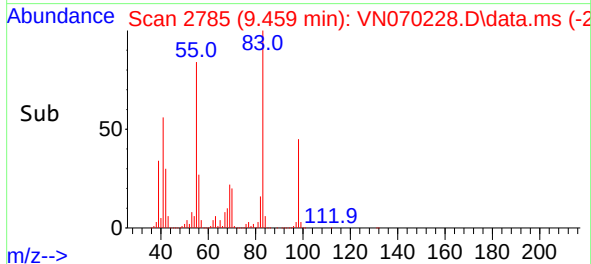
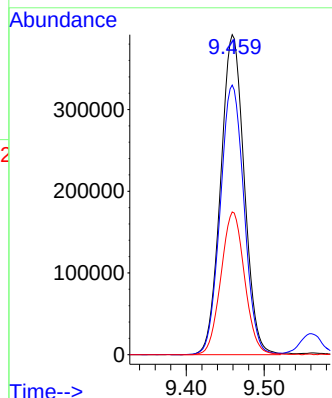
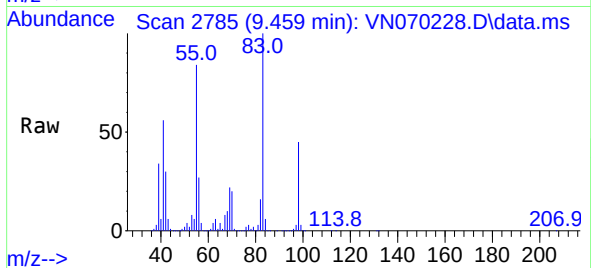
Ion	Ratio	Lower	Upper
83	100		
55	84.2	58.1	87.1
98	44.6	38.4	57.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/20/2021

Supervised By :Mahesh Dadoda 12/24/2021



#40

Benzene

Concen: 47.11 ug/l

RT: 8.458 min Scan# 2412

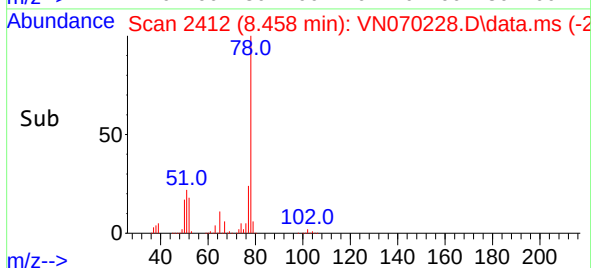
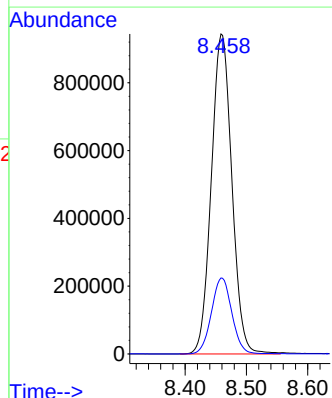
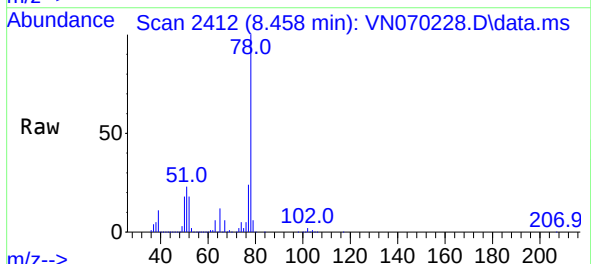
Delta R.T. -0.003 min

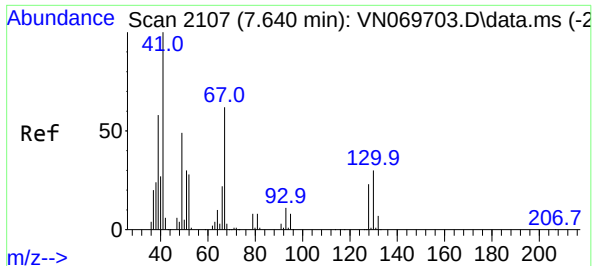
Lab File: VN070228.D

Acq: 18 Dec 2021 21:33

Tgt Ion: 78 Resp: 2196498

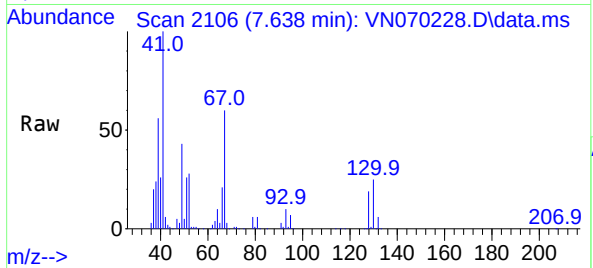
Ion	Ratio	Lower	Upper
78	100		
77	23.7	18.6	27.8





#41
Methacrylonitrile
Concen: 51.28 ug/l
RT: 7.638 min Scan# 2106
Delta R.T. -0.002 min
Lab File: VN070228.D
Acq: 18 Dec 2021 21:33

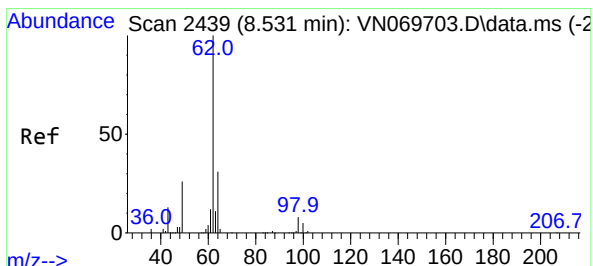
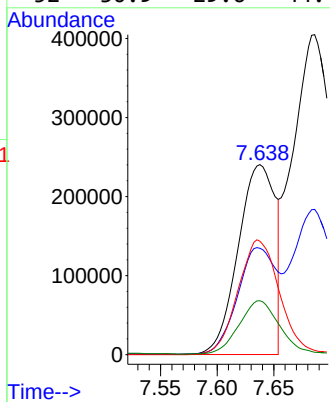
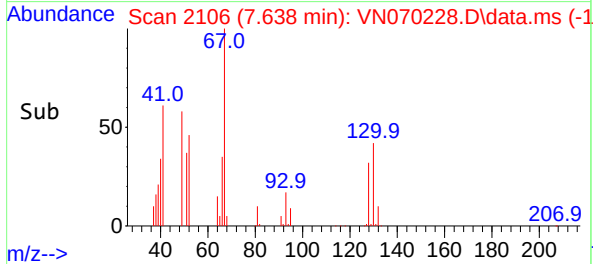
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 41 Resp: 546478
Ion Ratio Lower Upper
41 100
39 59.3 48.1 72.1
67 68.2 68.3 102.5
52 30.9 29.6 44.4

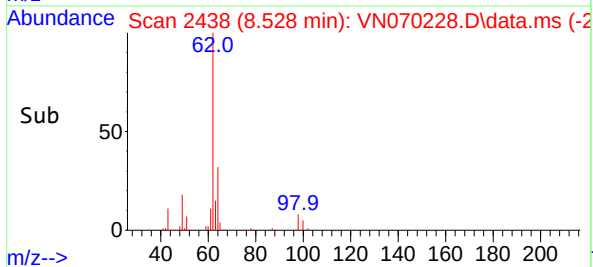
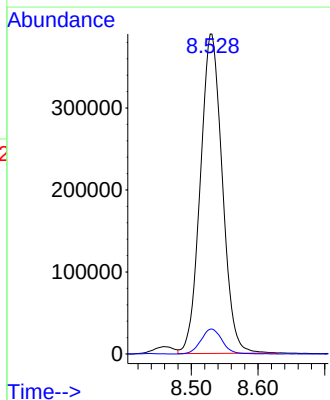
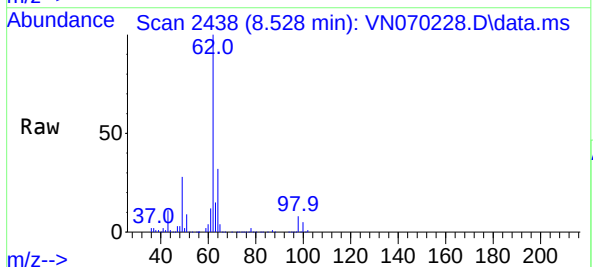
Manual Integrations
APPROVED

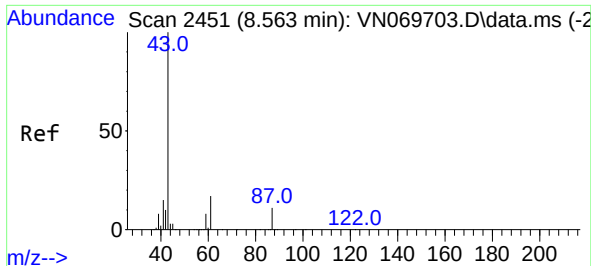
Reviewed By :John Carlone 12/20/2021
Supervised By :Mahesh Dadoda 12/24/2021



#42
1,2-Dichloroethane
Concen: 47.33 ug/l
RT: 8.528 min Scan# 2438
Delta R.T. -0.003 min
Lab File: VN070228.D
Acq: 18 Dec 2021 21:33

Tgt Ion: 62 Resp: 890720
Ion Ratio Lower Upper
62 100
98 7.6 0.0 17.6





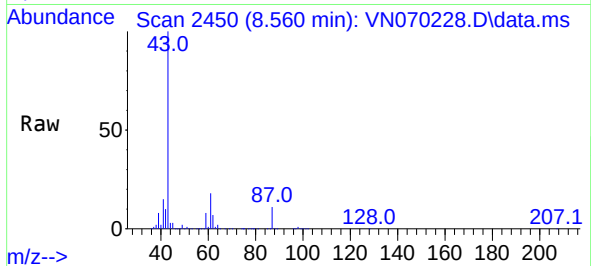
#43
Isopropyl Acetate
Concen: 50.23 ug/l
RT: 8.560 min Scan# 2451
Delta R.T. -0.003 min
Lab File: VN070228.D
Acq: 18 Dec 2021 21:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



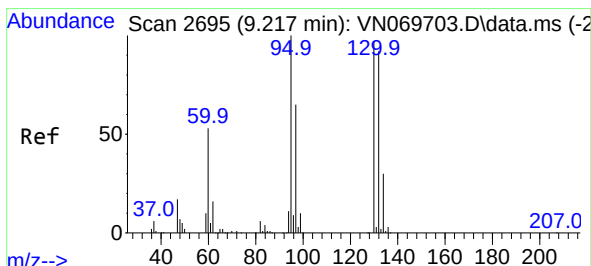
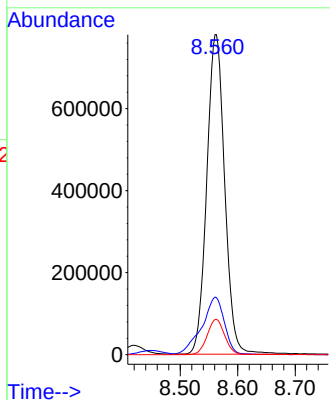
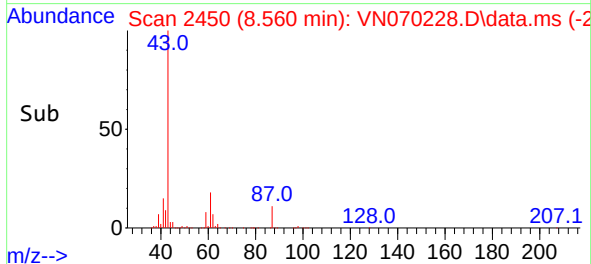
Tgt Ion: 43 Resp: 168744
Ion Ratio Lower Upper
43 100
61 22.6 20.4 30.6
87 10.9 11.2 16.8

Manual Integrations

APPROVED

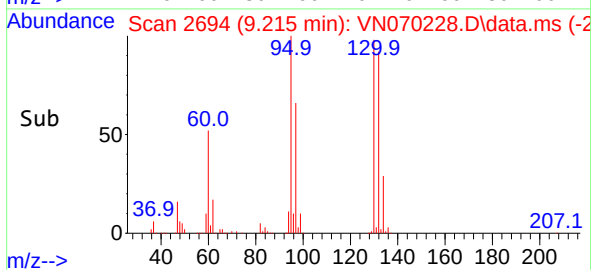
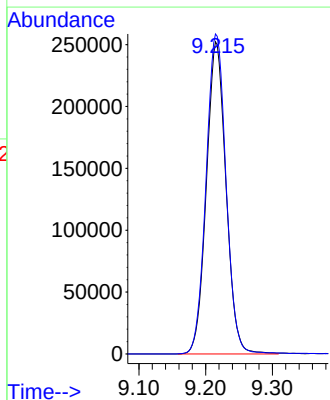
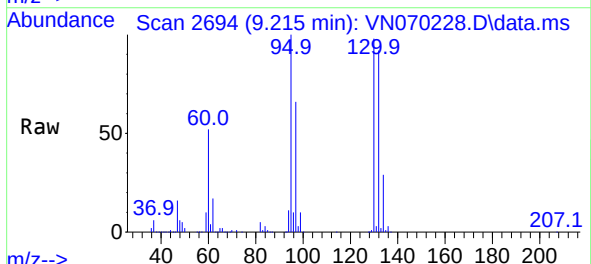
Reviewed By :John Carlone 12/20/2021

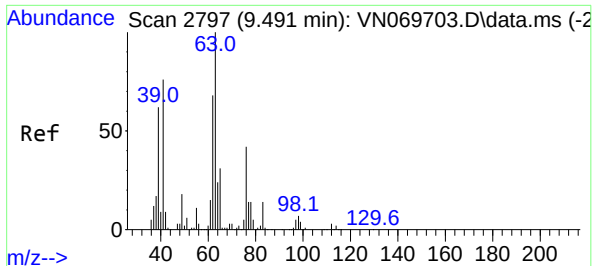
Supervised By :Mahesh Dadoda 12/24/2021



#44
Trichloroethene
Concen: 46.16 ug/l
RT: 9.215 min Scan# 2694
Delta R.T. -0.002 min
Lab File: VN070228.D
Acq: 18 Dec 2021 21:33

Tgt Ion:130 Resp: 513636
Ion Ratio Lower Upper
130 100
95 102.4 0.0 191.2





#45

1,2-Dichloropropane

Concen: 49.95 ug/l

RT: 9.491 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN070228.D

Acq: 18 Dec 2021 21:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 62542

Ion Ratio Lower Upper

63 100

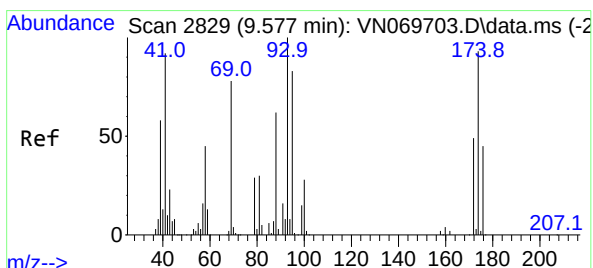
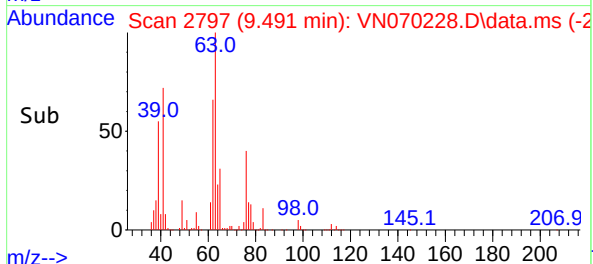
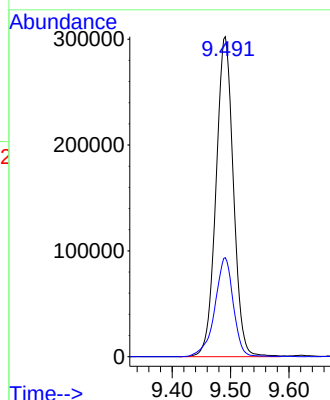
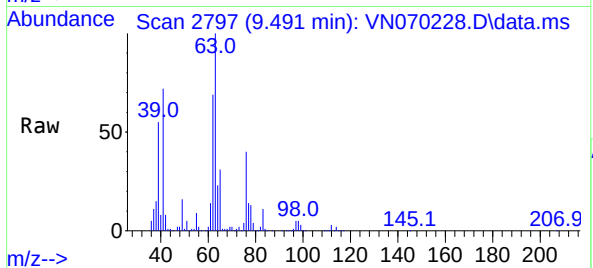
65 31.0 24.7 37.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/20/2021

Supervised By :Mahesh Dadoda 12/24/2021



#46

Dibromomethane

Concen: 47.15 ug/l

RT: 9.577 min Scan# 2829

Delta R.T. 0.000 min

Lab File: VN070228.D

Acq: 18 Dec 2021 21:33

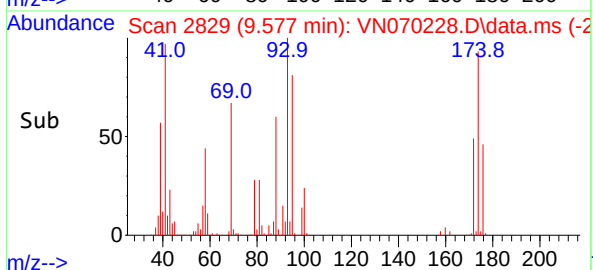
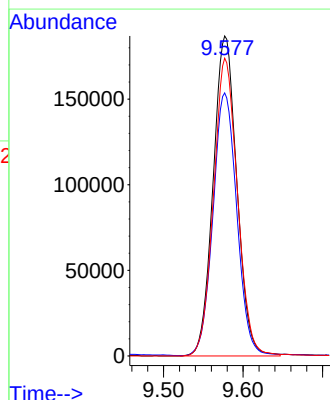
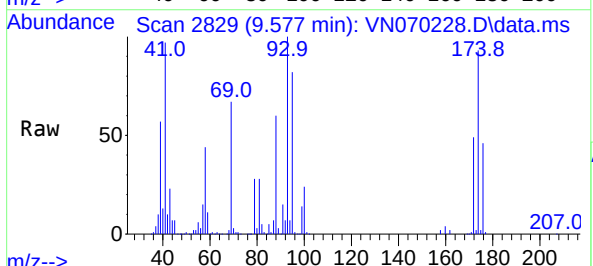
Tgt Ion: 93 Resp: 387166

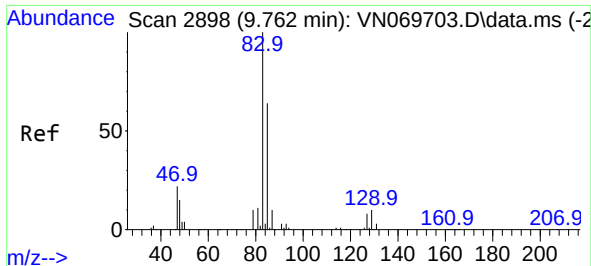
Ion Ratio Lower Upper

93 100

95 82.6 65.9 98.9

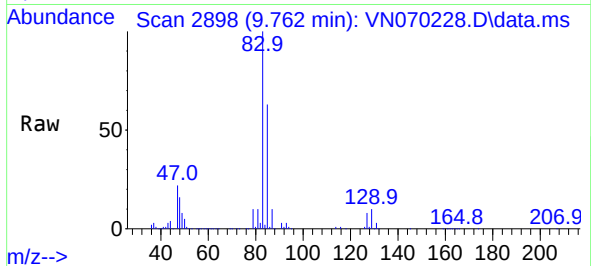
174 93.8 84.6 127.0





#47
Bromodichloromethane
Concen: 49.94 ug/l
RT: 9.762 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN070228.D
Acq: 18 Dec 2021 21:33

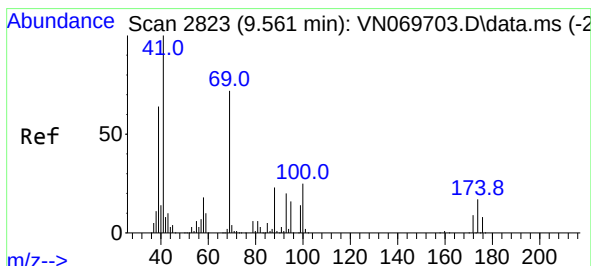
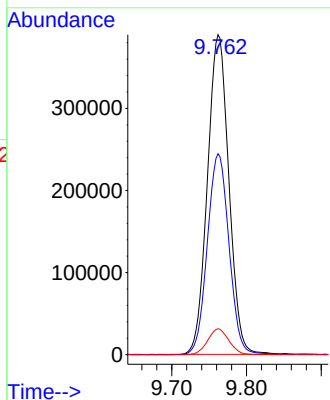
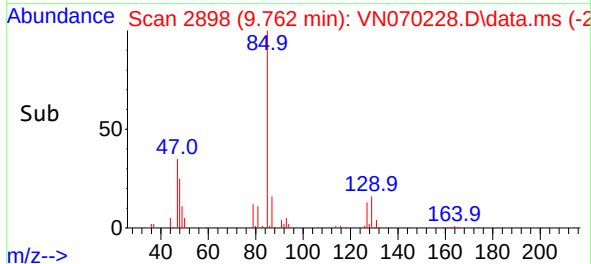
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 776352
Ion Ratio Lower Upper
83 100
85 62.8 50.9 76.3
127 8.1 7.1 10.7

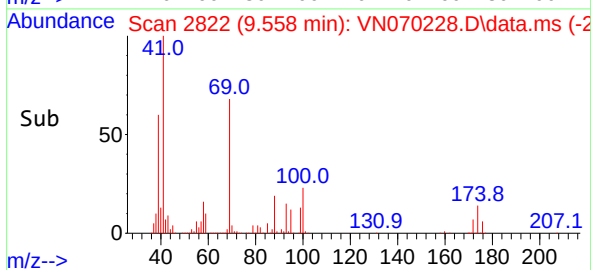
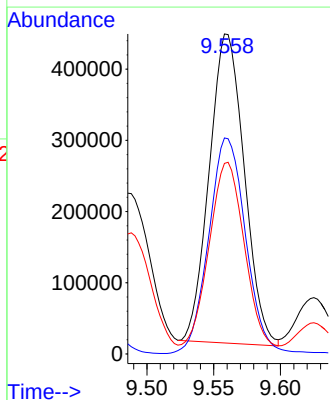
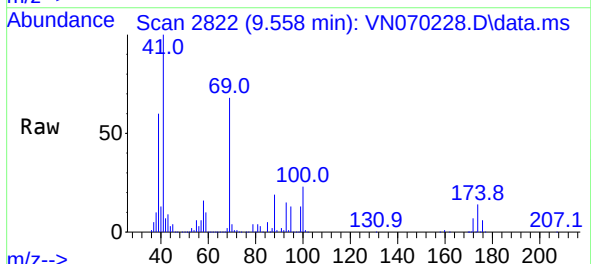
Manual Integrations
APPROVED

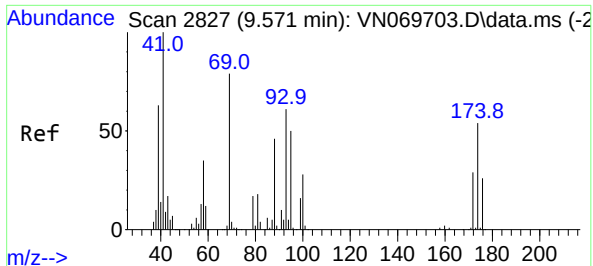
Reviewed By :John Carlone 12/20/2021
Supervised By :Mahesh Dadoda 12/24/2021



#48
Methyl methacrylate
Concen: 50.49 ug/l
RT: 9.558 min Scan# 2822
Delta R.T. -0.003 min
Lab File: VN070228.D
Acq: 18 Dec 2021 21:33

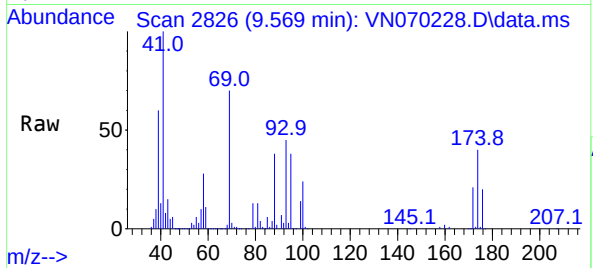
Tgt Ion: 41 Resp: 791634
Ion Ratio Lower Upper
41 100
69 73.8 72.4 108.6
39 64.1 58.4 87.6





#49
1,4-Dioxane
Concen: 970.62 ug/l
RT: 9.569 min Scan# 21
Delta R.T. -0.003 min
Lab File: VN070228.D
Acq: 18 Dec 2021 21:33

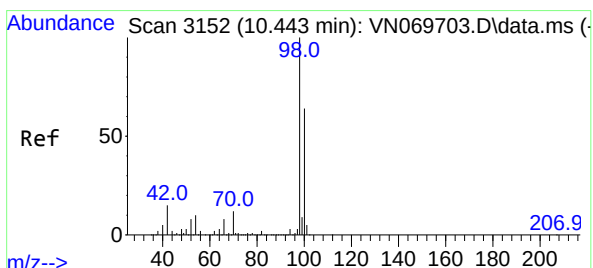
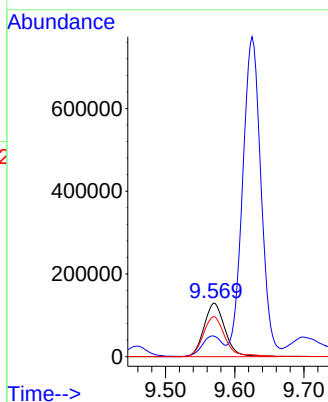
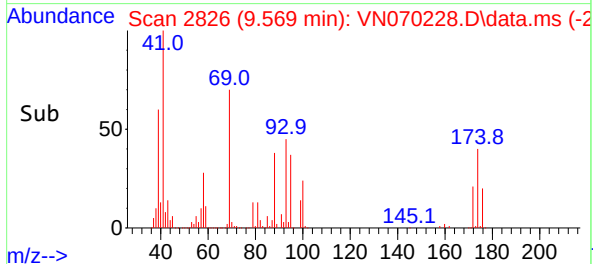
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 88 Resp: 273058
Ion Ratio Lower Upper
88 100
43 36.3 23.4 35.2
58 75.2 50.6 75.8

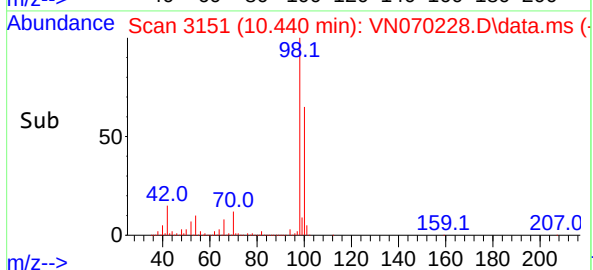
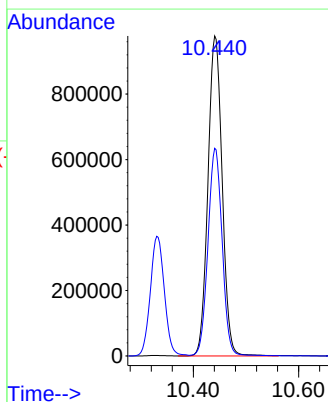
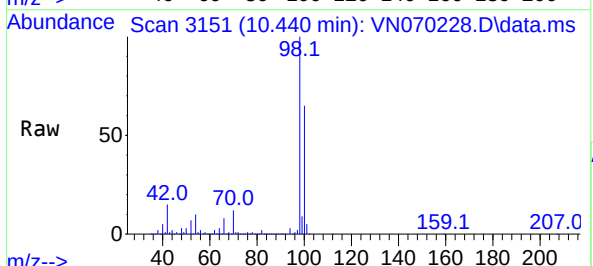
Manual Integrations
APPROVED

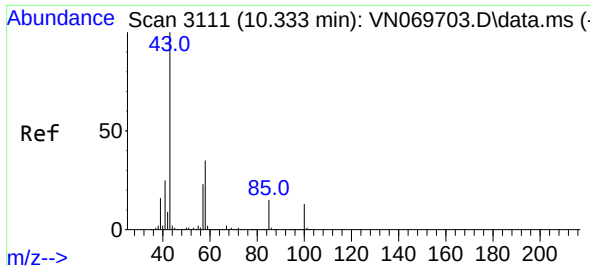
Reviewed By :John Carlone 12/20/2021
Supervised By :Mahesh Dadoda 12/24/2021



#50
Toluene-d8
Concen: 45.51 ug/l
RT: 10.440 min Scan# 3151
Delta R.T. -0.003 min
Lab File: VN070228.D
Acq: 18 Dec 2021 21:33

Tgt Ion: 98 Resp: 1833894
Ion Ratio Lower Upper
98 100
100 63.9 50.4 75.6





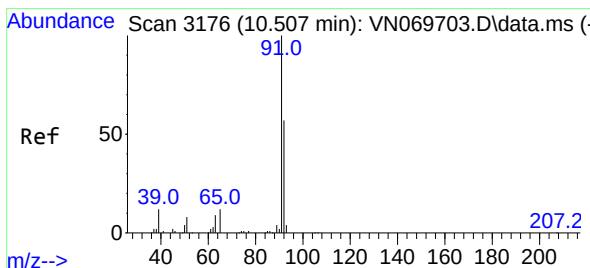
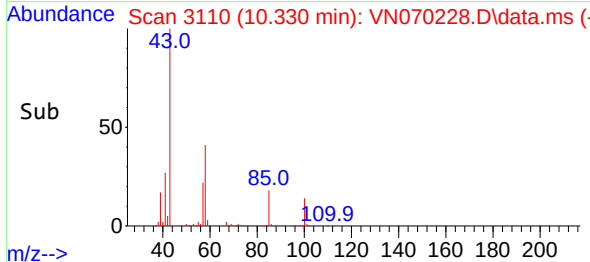
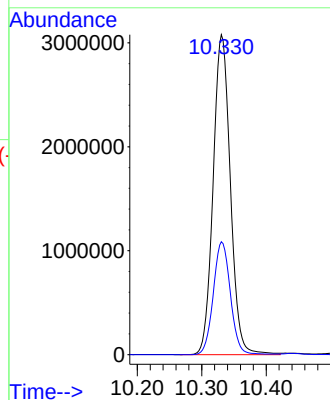
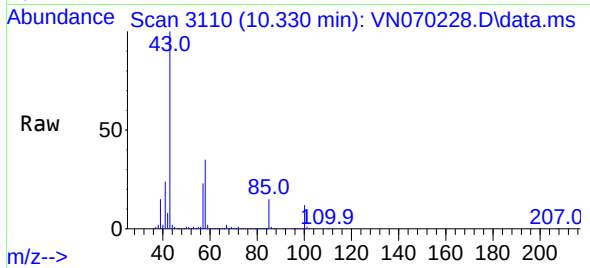
#51
4-Methyl-2-Pentanone
Concen: 261.93 ug/l
RT: 10.330 min Scan# 3111
Delta R.T. -0.003 min
Lab File: VN070228.D
Acq: 18 Dec 2021 21:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 570873
Ion Ratio Lower Upper
43 100
58 35.2 30.4 45.6

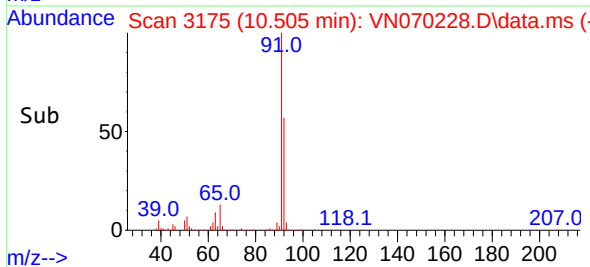
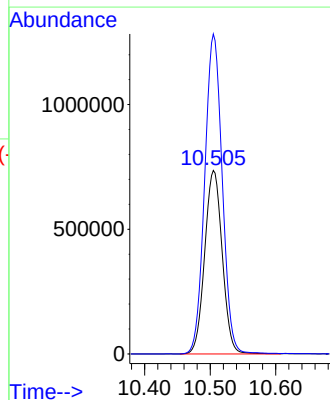
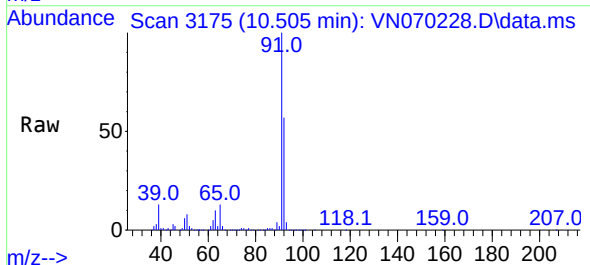
Manual Integrations
APPROVED

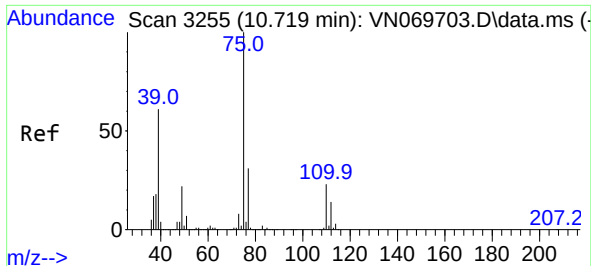
Reviewed By :John Carlone 12/20/2021
Supervised By :Mahesh Dadoda 12/24/2021



#52
Toluene
Concen: 47.90 ug/l
RT: 10.505 min Scan# 3175
Delta R.T. -0.003 min
Lab File: VN070228.D
Acq: 18 Dec 2021 21:33

Tgt Ion: 92 Resp: 1363452
Ion Ratio Lower Upper
92 100
91 174.3 142.0 213.0





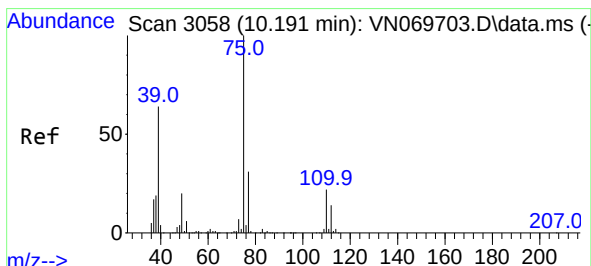
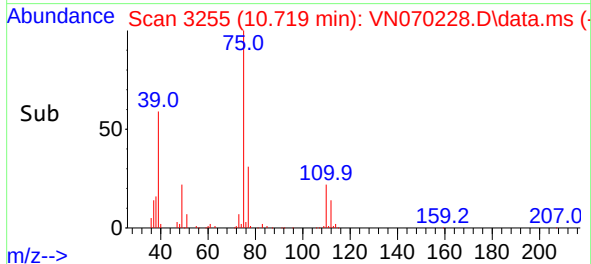
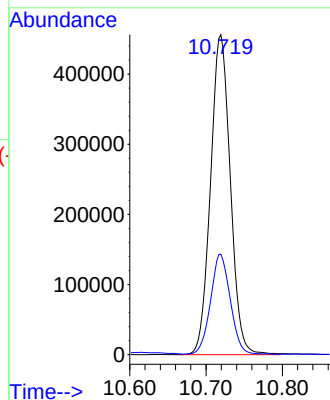
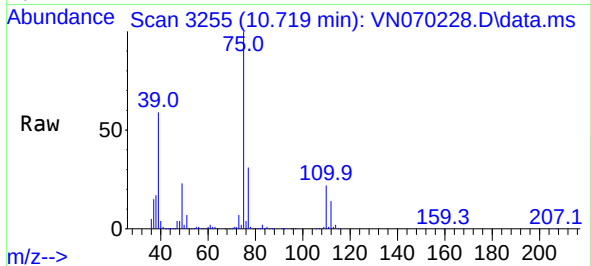
#53
t-1,3-Dichloropropene
Concen: 44.31 ug/l
RT: 10.719 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN070228.D
Acq: 18 Dec 2021 21:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 82239
Ion Ratio Lower Upper
75 100
77 31.2 25.6 38.4

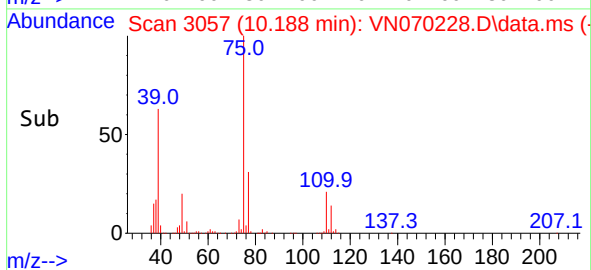
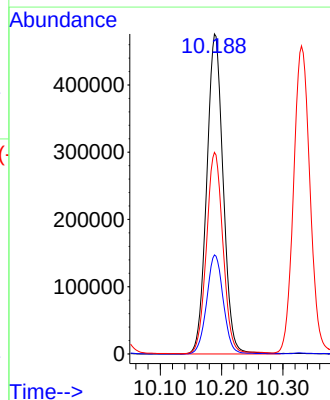
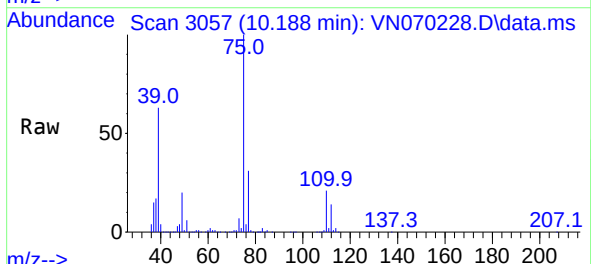
Manual Integrations
APPROVED

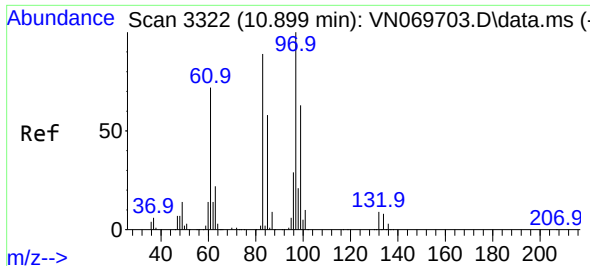
Reviewed By :John Carlone 12/20/2021
Supervised By :Mahesh Dadoda 12/24/2021



#54
cis-1,3-Dichloropropene
Concen: 45.44 ug/l
RT: 10.188 min Scan# 3057
Delta R.T. -0.003 min
Lab File: VN070228.D
Acq: 18 Dec 2021 21:33

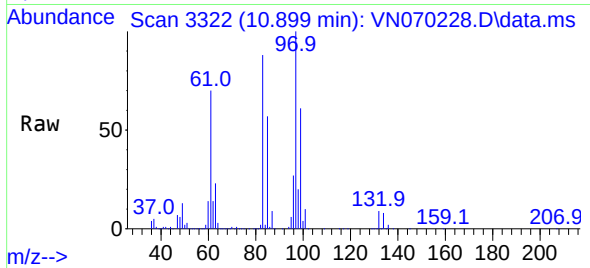
Tgt Ion: 75 Resp: 888140
Ion Ratio Lower Upper
75 100
77 31.0 26.4 39.6
39 62.9 42.5 63.7





#55
1,1,2-Trichloroethane
Concen: 49.51 ug/l
RT: 10.899 min Scan# 3322
Delta R.T. 0.000 min
Lab File: VN070228.D
Acq: 18 Dec 2021 21:33

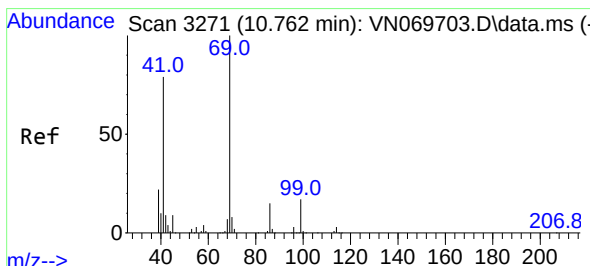
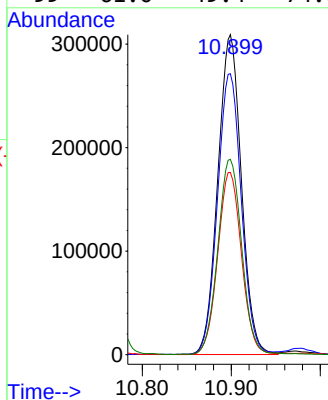
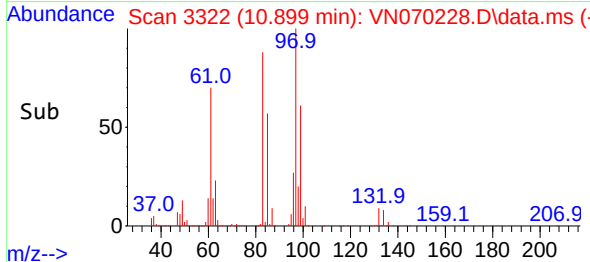
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



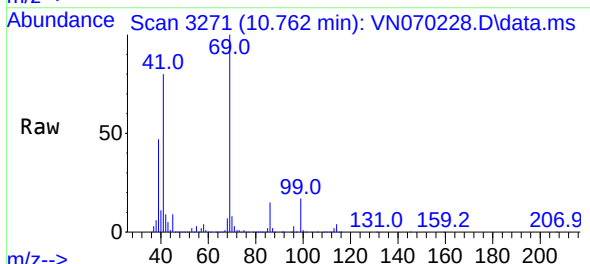
Tgt Ion: 97 Resp: 568627
Ion Ratio Lower Upper
97 100
83 87.7 67.8 101.6
85 56.9 45.4 68.2
99 61.0 49.4 74.0

Manual Integrations
APPROVED

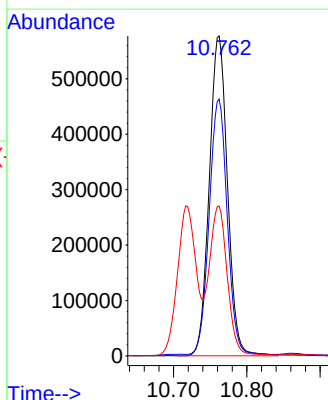
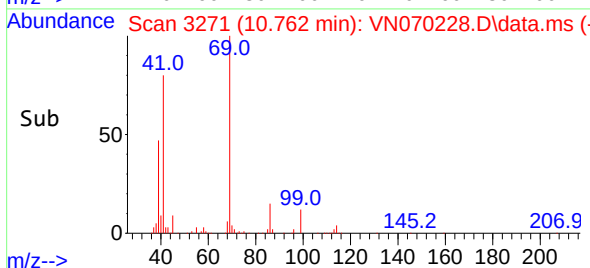
Reviewed By :John Carlone 12/20/2021
Supervised By :Mahesh Dadoda 12/24/2021

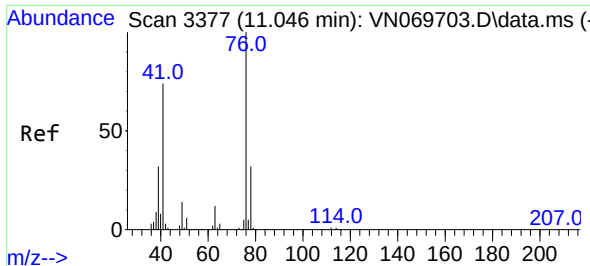


#56
Ethyl methacrylate
Concen: 46.27 ug/l
RT: 10.762 min Scan# 3271
Delta R.T. 0.000 min
Lab File: VN070228.D
Acq: 18 Dec 2021 21:33



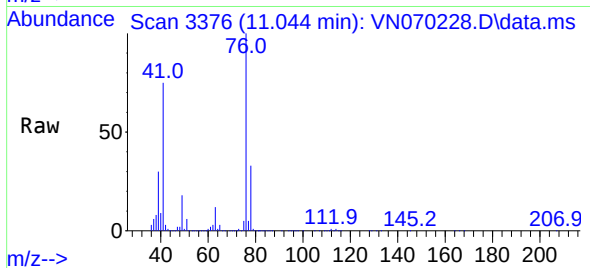
Tgt Ion: 69 Resp: 998804
Ion Ratio Lower Upper
69 100
41 78.8 51.4 77.0#
39 45.2 34.6 52.0





#57
1,3-Dichloropropane
Concen: 49.86 ug/l
RT: 11.044 min Scan# 31
Delta R.T. -0.003 min
Lab File: VN070228.D
Acq: 18 Dec 2021 21:33

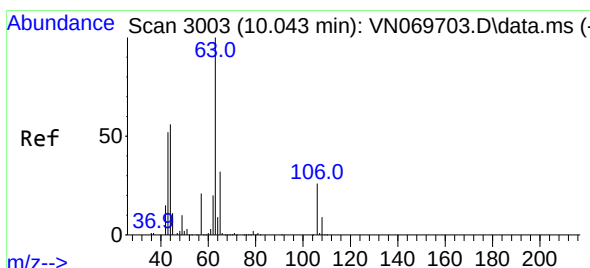
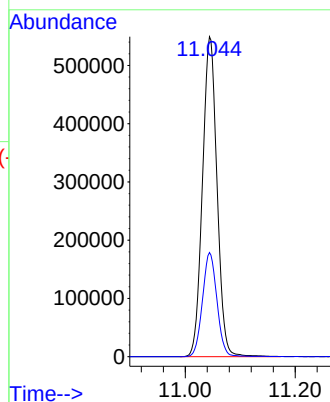
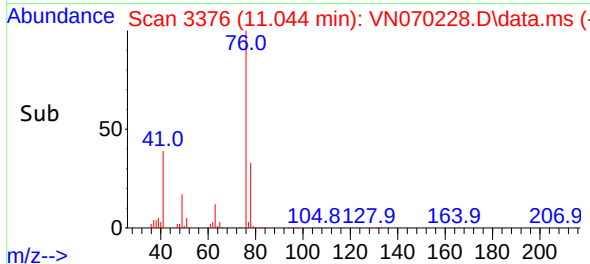
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



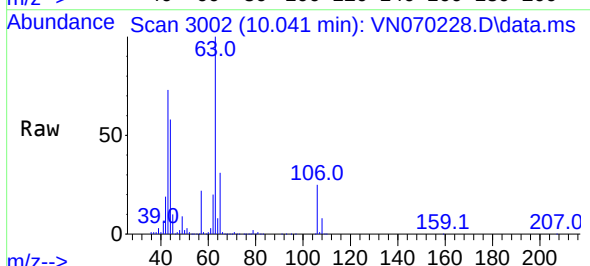
Tgt Ion: 76 Resp: 100832
Ion Ratio Lower Upper
76 100
78 32.2 25.7 38.5

Manual Integrations
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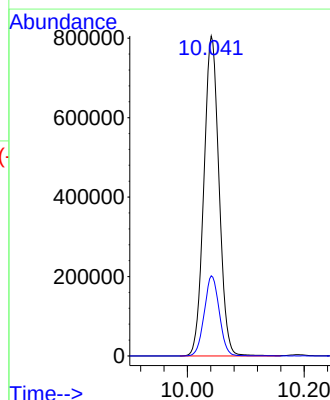
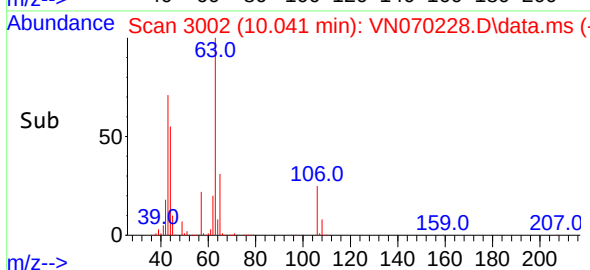
Reviewed By :John Carlone 12/20/2021
Supervised By :Mahesh Dadoda 12/24/2021

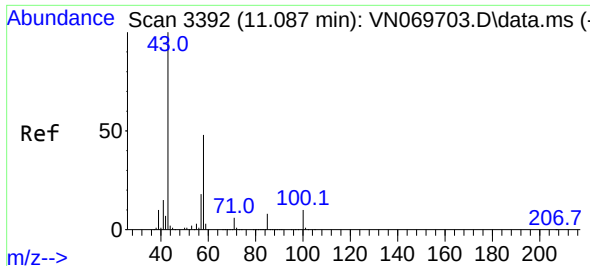


#58
2-Chloroethyl Vinyl ether
Concen: 247.95 ug/l
RT: 10.041 min Scan# 3002
Delta R.T. -0.002 min
Lab File: VN070228.D
Acq: 18 Dec 2021 21:33



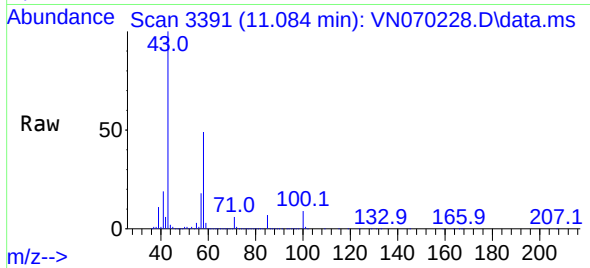
Tgt Ion: 63 Resp: 1450053
Ion Ratio Lower Upper
63 100
106 24.8 23.9 35.9





#59
2-Hexanone
Concen: 252.70 ug/l
RT: 11.084 min Scan# 31
Delta R.T. -0.003 min
Lab File: VN070228.D
Acq: 18 Dec 2021 21:33

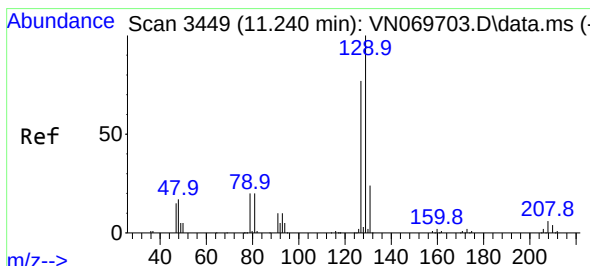
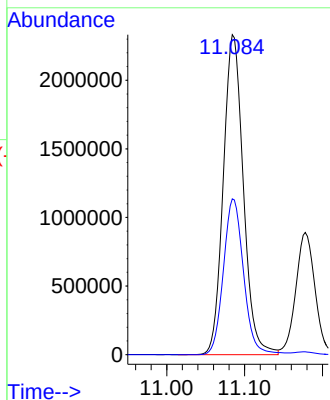
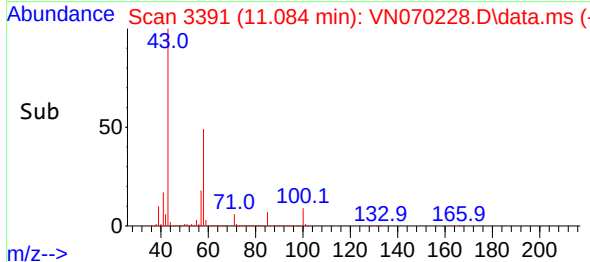
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 4166250
Ion Ratio Lower Upper
43 100
58 49.0 26.9 80.7

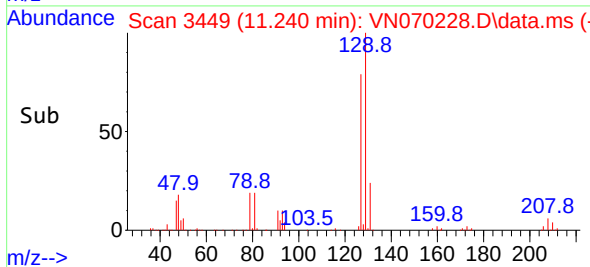
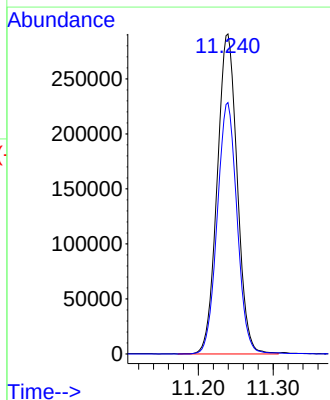
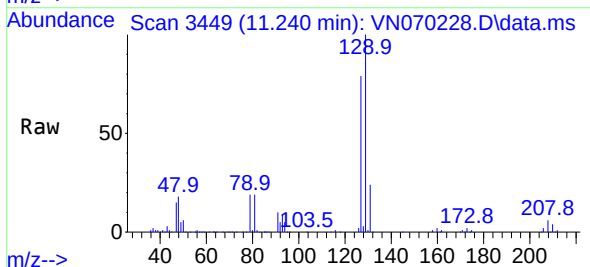
Manual Integrations
APPROVED

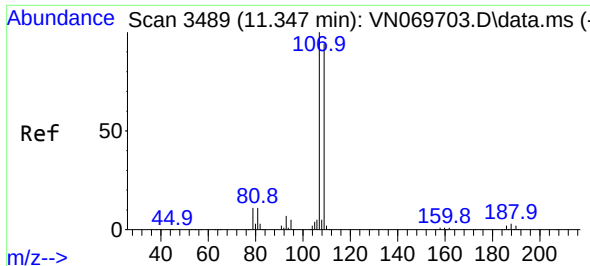
Reviewed By :John Carlone 12/20/2021
Supervised By :Mahesh Dadoda 12/24/2021



#60
Dibromochloromethane
Concen: 44.25 ug/l
RT: 11.240 min Scan# 3449
Delta R.T. -0.000 min
Lab File: VN070228.D
Acq: 18 Dec 2021 21:33

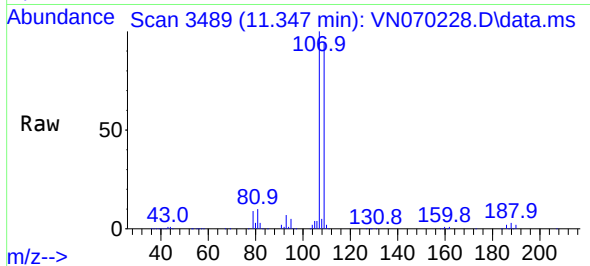
Tgt Ion:129 Resp: 541043
Ion Ratio Lower Upper
129 100
127 77.8 38.6 116.0





#61
1,2-Dibromoethane
Concen: 48.14 ug/l
RT: 11.347 min Scan# 3489
Delta R.T. -0.000 min
Lab File: VN070228.D
Acq: 18 Dec 2021 21:33

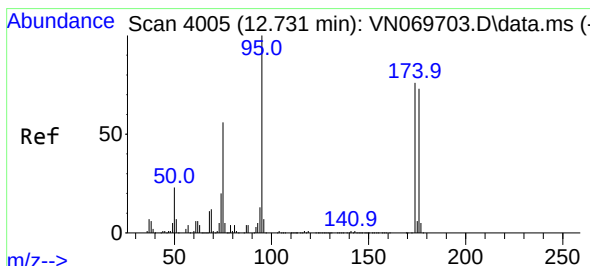
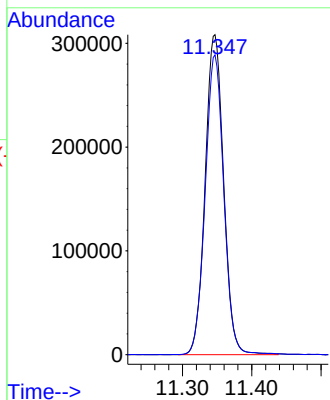
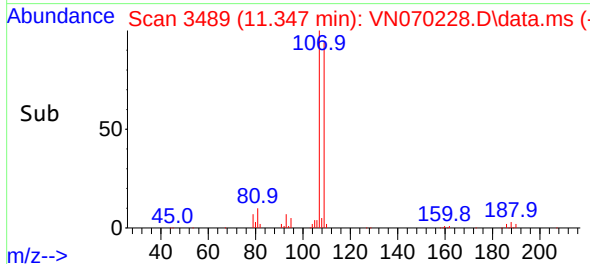
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



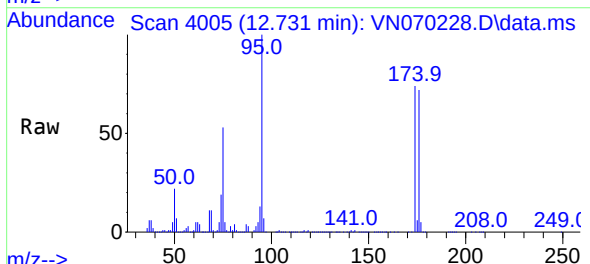
Tgt Ion:107 Resp: 572600
Ion Ratio Lower Upper
107 100
109 94.0 75.7 113.5

Manual Integrations
APPROVED

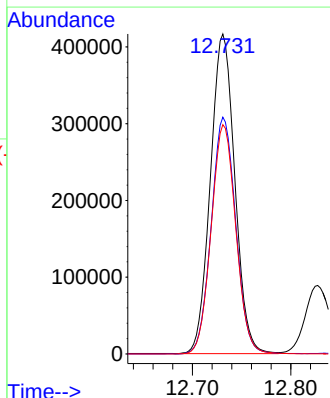
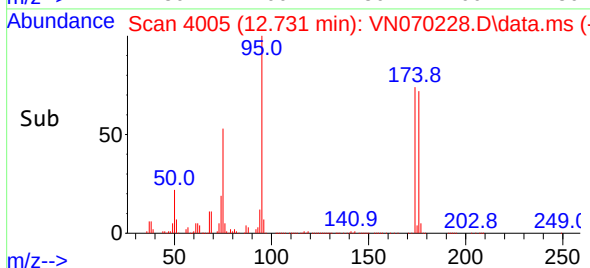
Reviewed By :John Carlone 12/20/2021
Supervised By :Mahesh Dadoda 12/24/2021

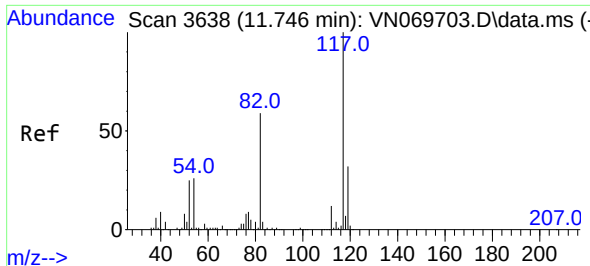


#62
4-Bromofluorobenzene
Concen: 49.17 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN070228.D
Acq: 18 Dec 2021 21:33



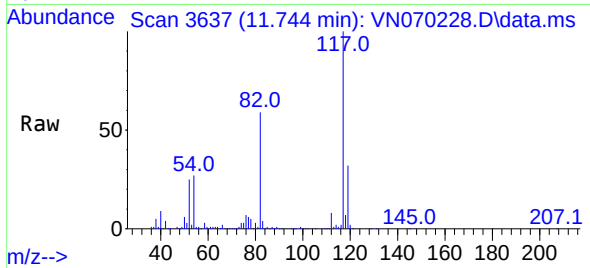
Tgt Ion: 95 Resp: 717902
Ion Ratio Lower Upper
95 100
174 74.6 0.0 187.2
176 72.3 0.0 181.4





#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.744 min Scan# 3638
Delta R.T. -0.002 min
Lab File: VN070228.D
Acq: 18 Dec 2021 21:33

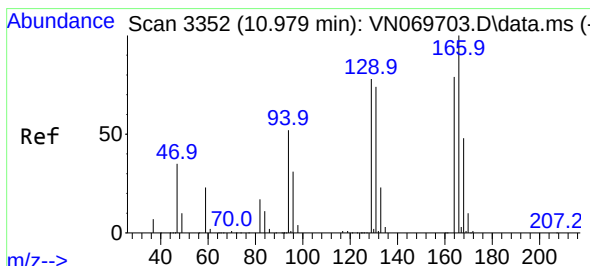
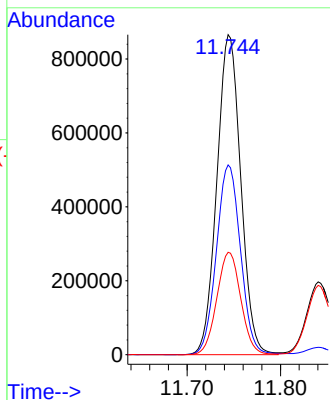
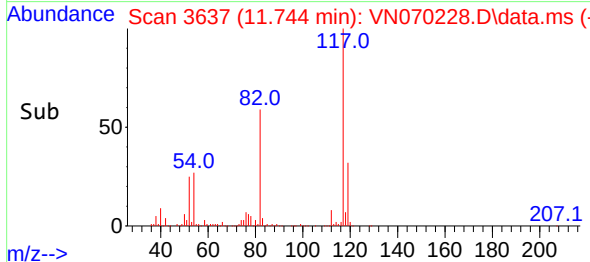
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



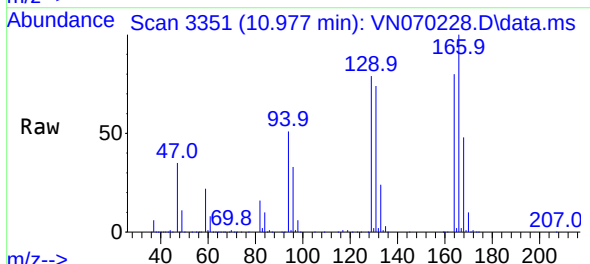
Tgt Ion:117 Resp: 153918
Ion Ratio Lower Upper
117 100
82 59.2 42.4 63.6
119 32.0 25.4 38.2

Manual Integrations
APPROVED

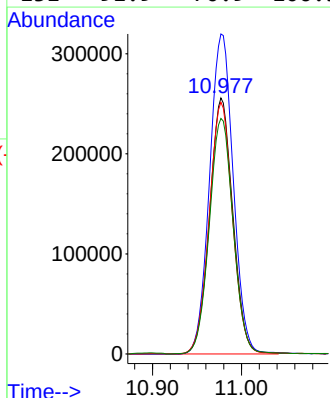
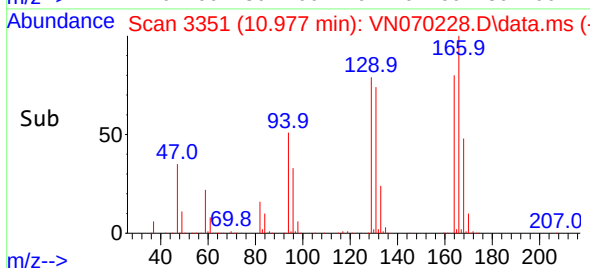
Reviewed By :John Carlone 12/20/2021
Supervised By :Mahesh Dadoda 12/24/2021

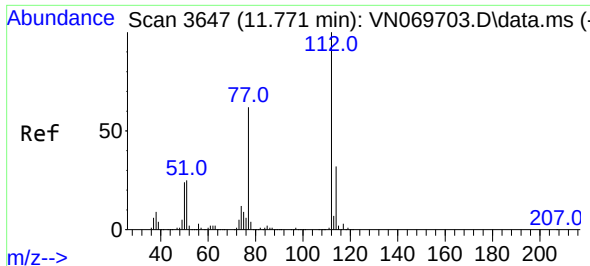


#64
Tetrachloroethene
Concen: 44.60 ug/l
RT: 10.977 min Scan# 3351
Delta R.T. -0.002 min
Lab File: VN070228.D
Acq: 18 Dec 2021 21:33



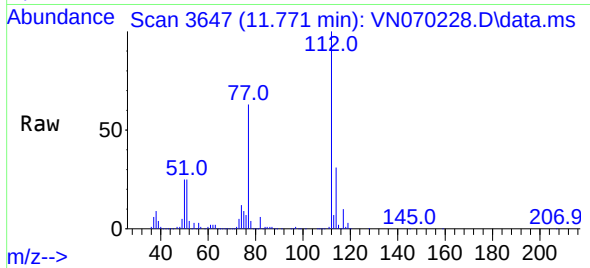
Tgt Ion:164 Resp: 465519
Ion Ratio Lower Upper
164 100
166 125.0 101.9 152.9
129 98.2 72.0 108.0
131 91.9 70.9 106.3





#65
Chlorobenzene
Concen: 46.90 ug/l
RT: 11.771 min Scan# 3647
Delta R.T. -0.000 min
Lab File: VN070228.D
Acq: 18 Dec 2021 21:33

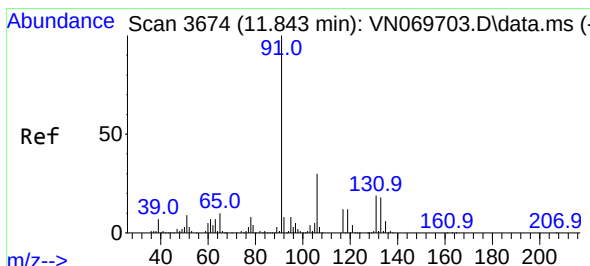
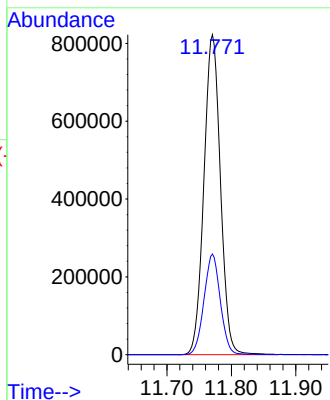
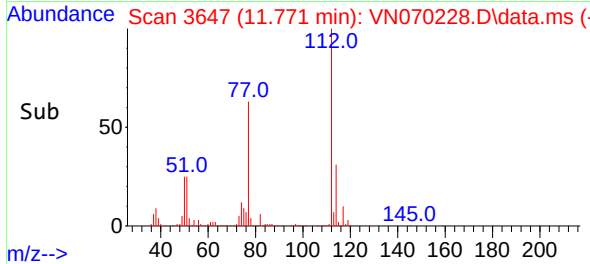
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



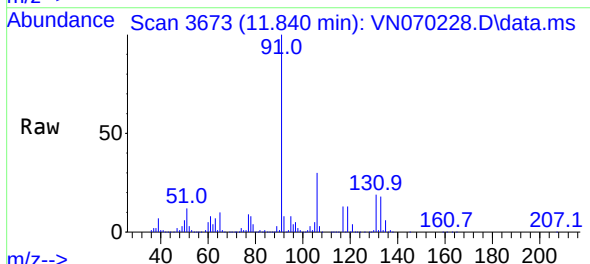
Tgt Ion:112 Resp: 1464500
Ion Ratio Lower Upper
112 100
114 31.5 25.4 38.0

Manual Integrations
APPROVED

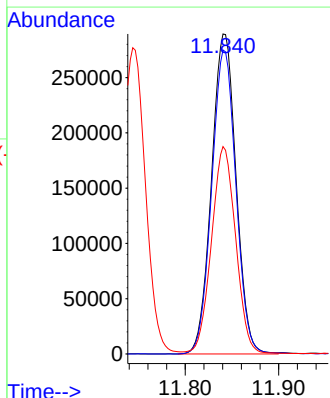
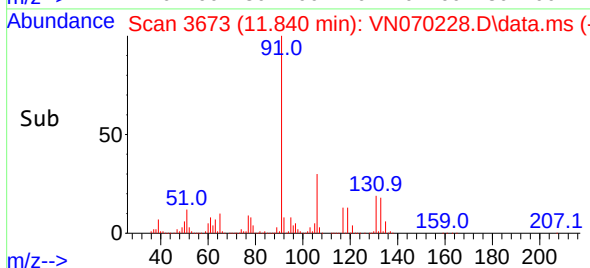
Reviewed By :John Carlone 12/20/2021
Supervised By :Mahesh Dadoda 12/24/2021

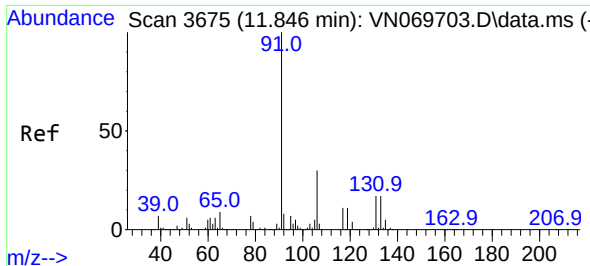


#66
1,1,1,2-Tetrachloroethane
Concen: 47.94 ug/l
RT: 11.840 min Scan# 3673
Delta R.T. -0.003 min
Lab File: VN070228.D
Acq: 18 Dec 2021 21:33



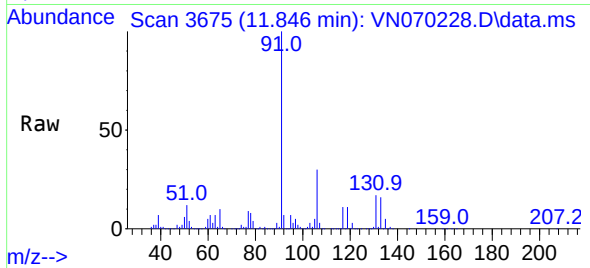
Tgt Ion:131 Resp: 526858
Ion Ratio Lower Upper
131 100
133 94.2 47.9 143.7
119 63.8 32.1 96.5





#67
Ethyl Benzene
Concen: 48.42 ug/l
RT: 11.846 min Scan# 3675
Delta R.T. 0.000 min
Lab File: VN070228.D
Acq: 18 Dec 2021 21:33

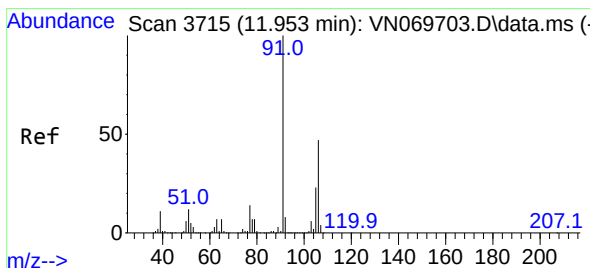
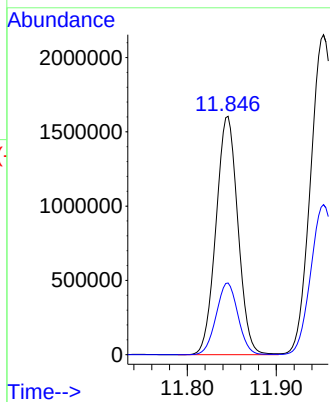
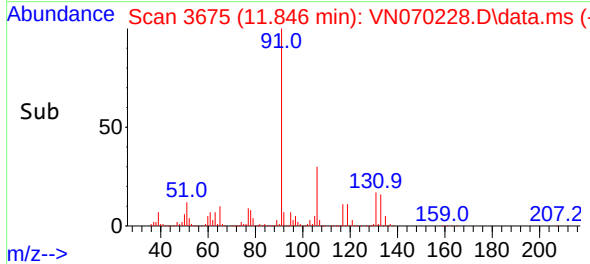
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



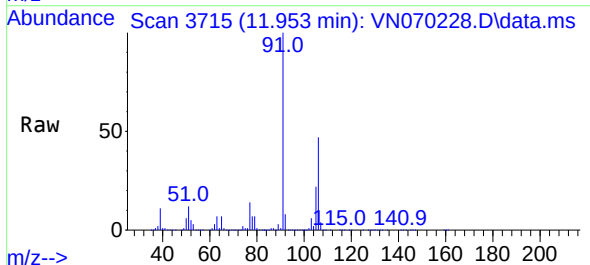
Tgt Ion: 91 Resp: 274616
Ion Ratio Lower Upper
91 100
106 30.1 25.7 38.5

Manual Integrations
APPROVED

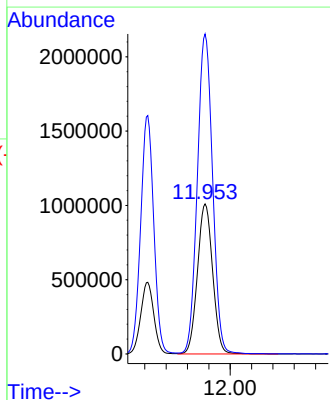
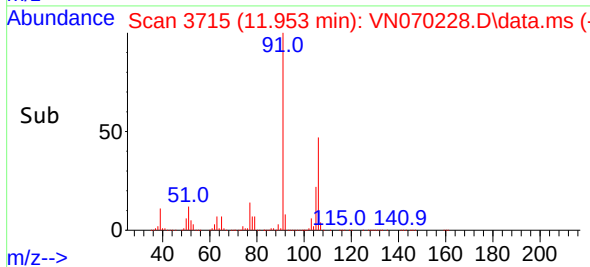
Reviewed By :John Carlone 12/20/2021
Supervised By :Mahesh Dadoda 12/24/2021

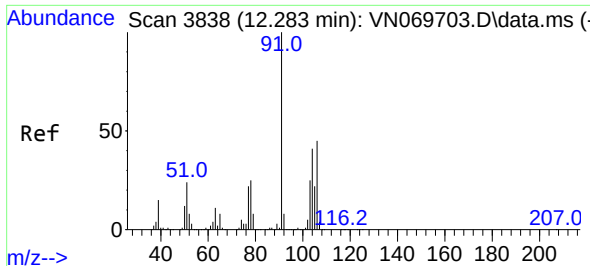


#68
m/p-Xylenes
Concen: 96.57 ug/l
RT: 11.953 min Scan# 3715
Delta R.T. 0.000 min
Lab File: VN070228.D
Acq: 18 Dec 2021 21:33



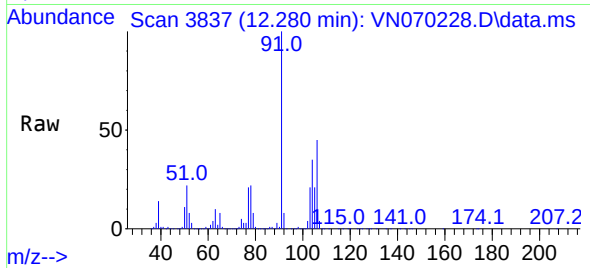
Tgt Ion:106 Resp: 1994333
Ion Ratio Lower Upper
106 100
91 214.1 160.6 240.8





#69
o-Xylene
Concen: 48.90 ug/l
RT: 12.280 min Scan# 3838
Delta R.T. -0.003 min
Lab File: VN070228.D
Acq: 18 Dec 2021 21:33

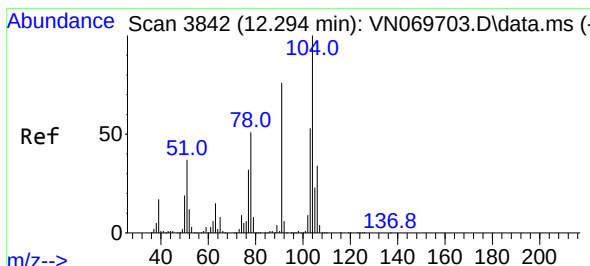
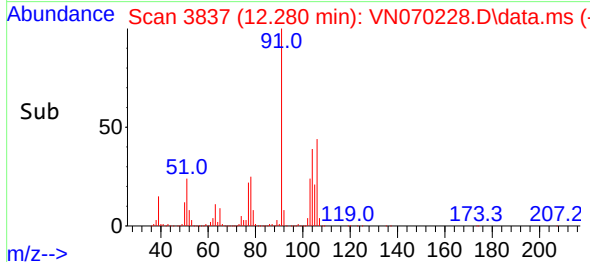
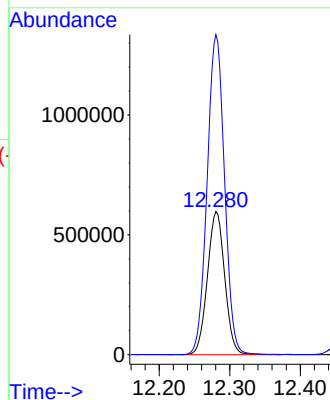
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:106 Resp: 1017179
Ion Ratio Lower Upper
106 100
91 224.6 105.8 317.3

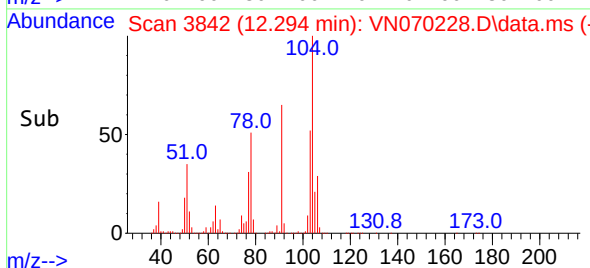
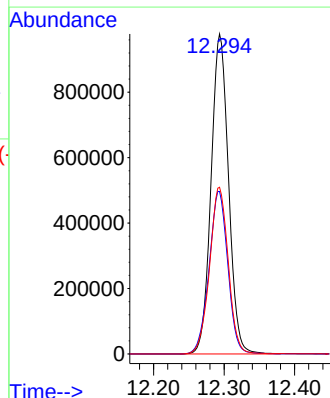
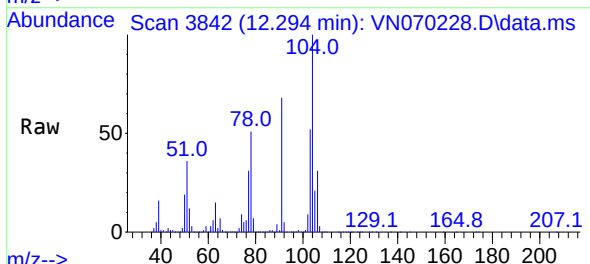
Manual Integrations
APPROVED

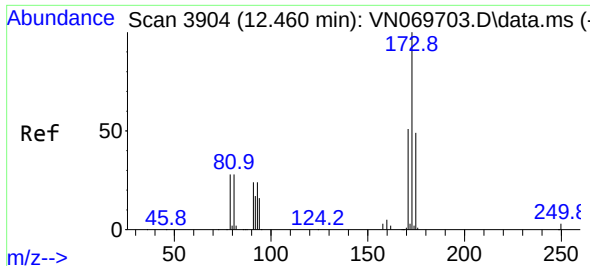
Reviewed By :John Carlone 12/20/2021
Supervised By :Mahesh Dadoda 12/24/2021



#70
Styrene
Concen: 51.00 ug/l
RT: 12.294 min Scan# 3842
Delta R.T. -0.000 min
Lab File: VN070228.D
Acq: 18 Dec 2021 21:33

Tgt Ion:104 Resp: 1682298
Ion Ratio Lower Upper
104 100
78 54.7 38.7 58.1
103 55.7 45.0 67.6





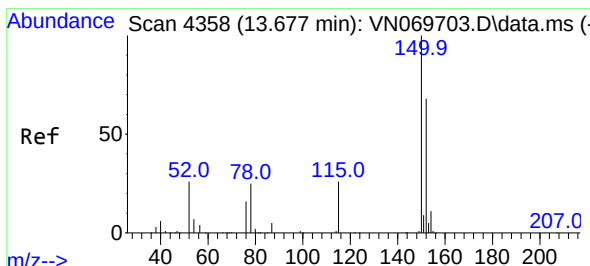
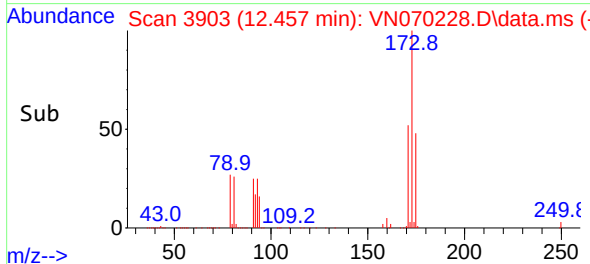
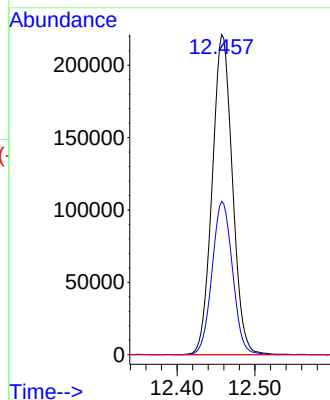
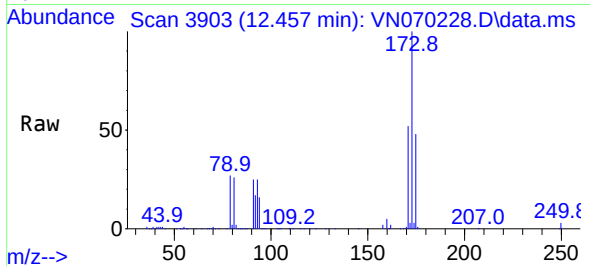
#71
Bromoform
Concen: 42.87 ug/l
RT: 12.457 min Scan# 3904
Delta R.T. -0.003 min
Lab File: VN070228.D
Acq: 18 Dec 2021 21:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:173 Resp: 399078
Ion Ratio Lower Upper
173 100
175 48.4 24.2 72.6
254 0.0 0.0 0.0

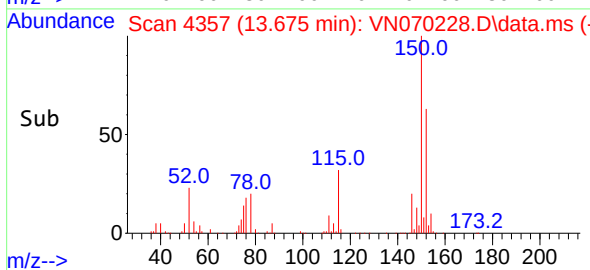
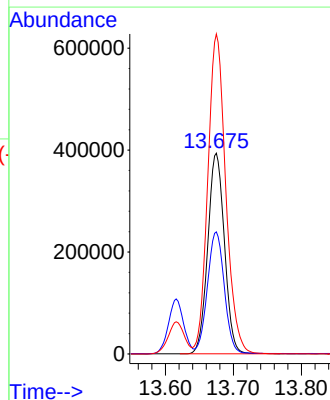
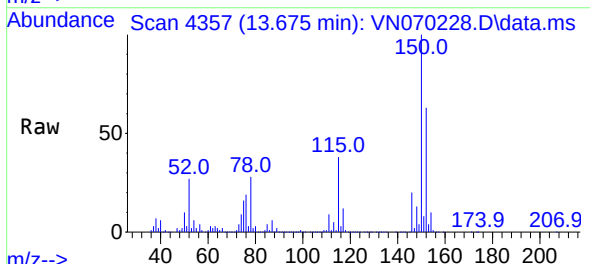
Manual Integrations
APPROVED

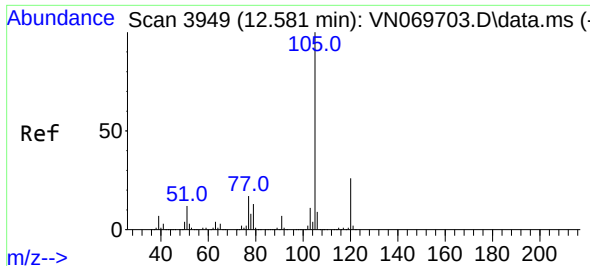
Reviewed By :John Carlone 12/20/2021
Supervised By :Mahesh Dadoda 12/24/2021



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.675 min Scan# 4357
Delta R.T. -0.003 min
Lab File: VN070228.D
Acq: 18 Dec 2021 21:33

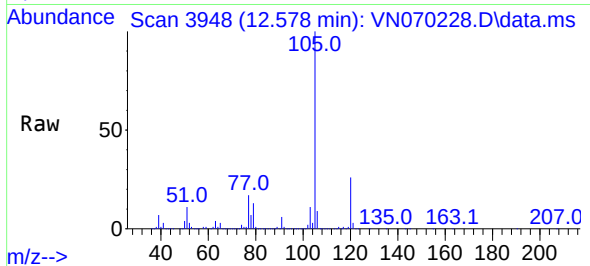
Tgt Ion:152 Resp: 671660
Ion Ratio Lower Upper
152 100
115 61.5 27.5 82.5
150 171.7 0.0 344.4





#73
Isopropylbenzene
Concen: 44.92 ug/l
RT: 12.578 min Scan# 3949
Delta R.T. -0.003 min
Lab File: VN070228.D
Acq: 18 Dec 2021 21:33

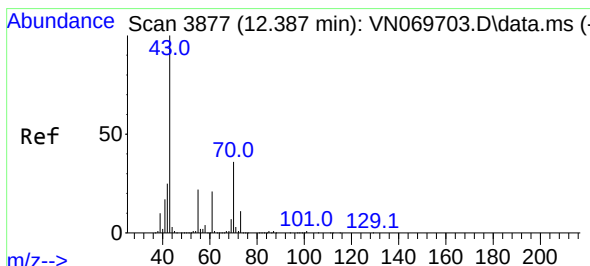
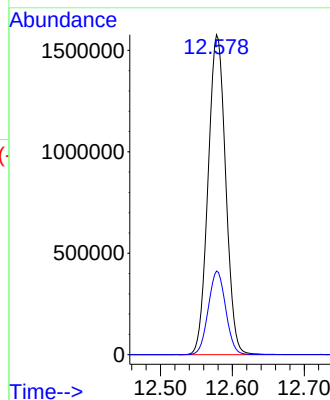
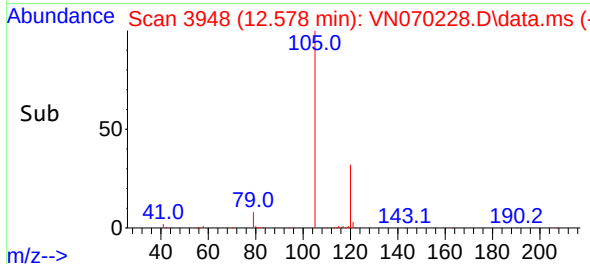
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



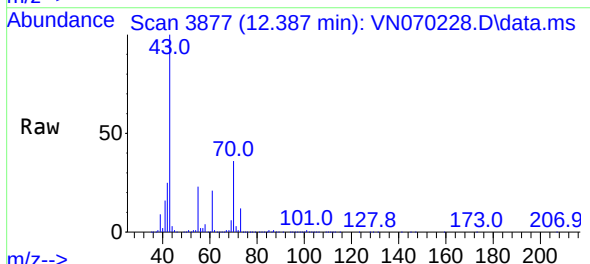
Tgt Ion:105 Resp: 268449
Ion Ratio Lower Upper
105 100
120 25.9 13.4 40.1

Manual Integrations
APPROVED

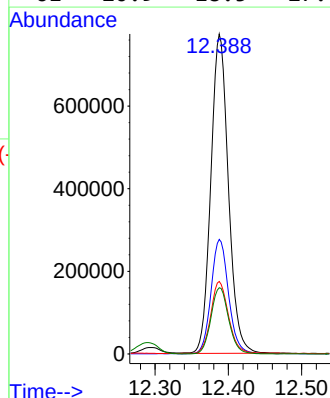
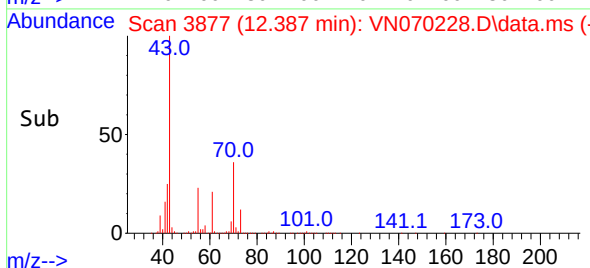
Reviewed By :John Carlone 12/20/2021
Supervised By :Mahesh Dadoda 12/24/2021

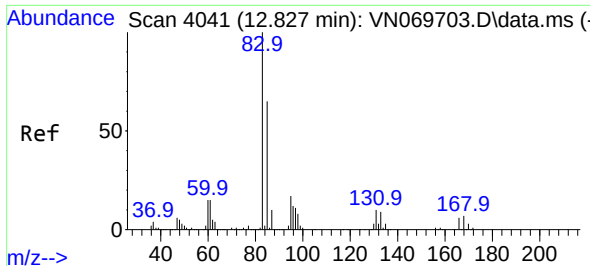


#74
N-ethyl acetate
Concen: 48.58 ug/l
RT: 12.387 min Scan# 3877
Delta R.T. 0.000 min
Lab File: VN070228.D
Acq: 18 Dec 2021 21:33



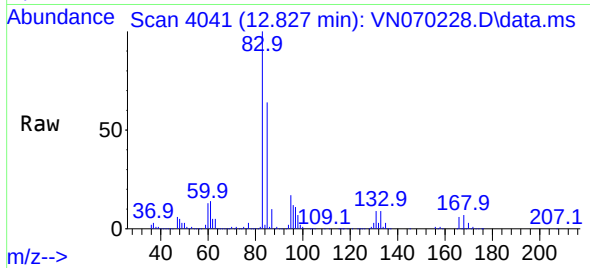
Tgt Ion: 43 Resp: 1283743
Ion Ratio Lower Upper
43 100
70 35.8 33.4 50.0
55 22.6 19.3 28.9
61 20.9 18.5 27.7





#75
1,1,2,2-Tetrachloroethane
Concen: 45.30 ug/l
RT: 12.827 min Scan# 4041
Delta R.T. 0.000 min
Lab File: VN070228.D
Acq: 18 Dec 2021 21:33

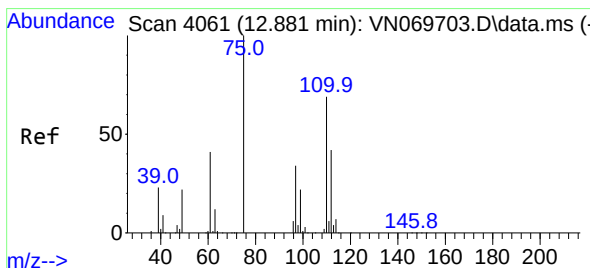
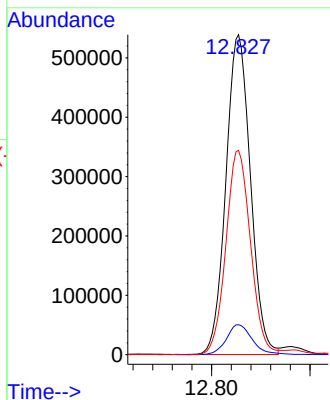
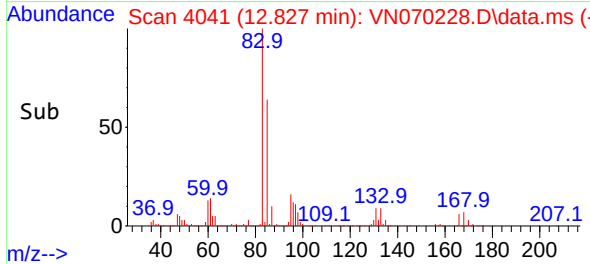
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



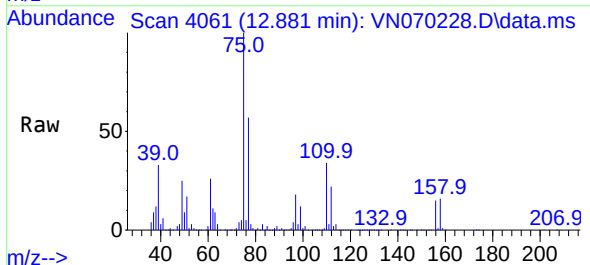
Tgt Ion: 83 Resp: 936075
Ion Ratio Lower Upper
83 100
131 9.9 5.5 16.5
85 64.1 32.4 97.2

Manual Integrations
APPROVED

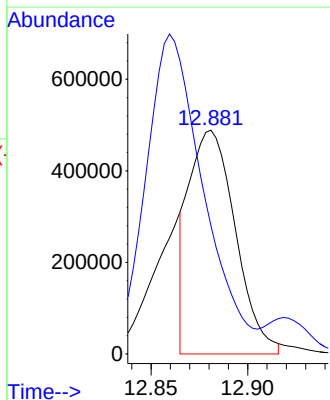
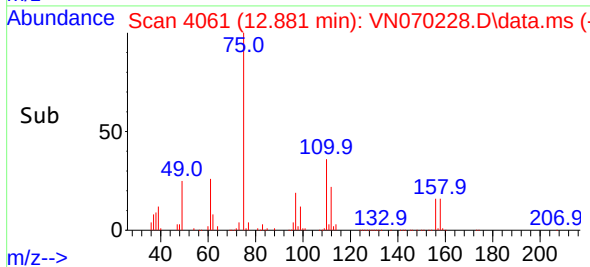
Reviewed By :John Carlone 12/20/2021
Supervised By :Mahesh Dadoda 12/24/2021

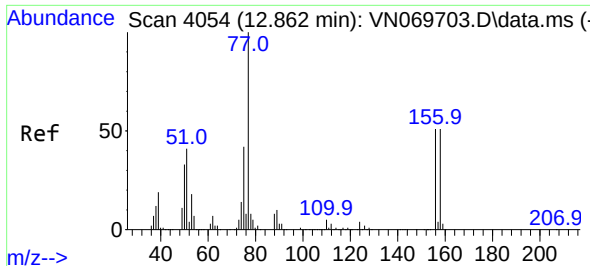


#76
1,2,3-Trichloropropane
Concen: 42.29 ug/l m
RT: 12.881 min Scan# 4061
Delta R.T. 0.000 min
Lab File: VN070228.D
Acq: 18 Dec 2021 21:33



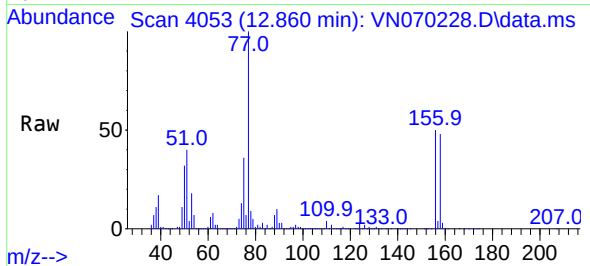
Tgt Ion: 75 Resp: 814669
Ion Ratio Lower Upper
75 100
77 0.0 82.6 247.8#





#77
Bromobenzene
Concen: 43.98 ug/l
RT: 12.860 min Scan# 4054
Delta R.T. -0.003 min
Lab File: VN070228.D
Acq: 18 Dec 2021 21:33

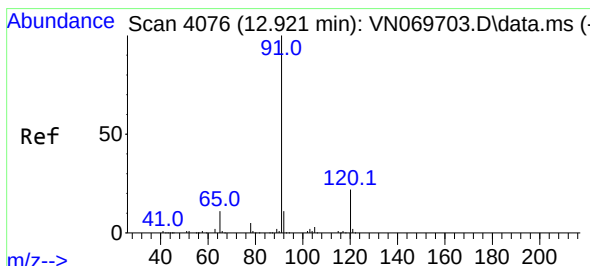
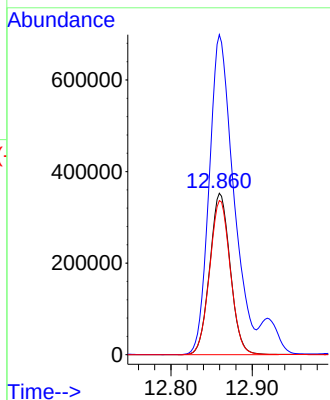
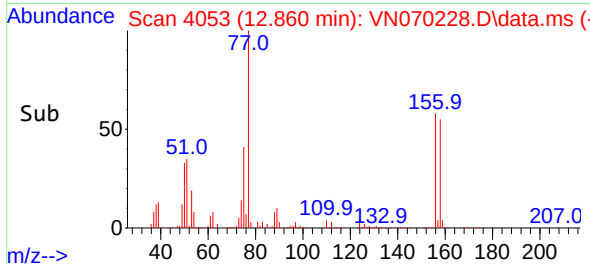
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



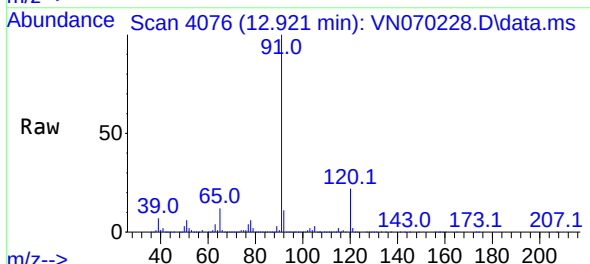
Tgt Ion:156 Resp: 617289
Ion Ratio Lower Upper
156 100
77 235.0 90.6 271.8
158 97.2 48.9 146.7

Manual Integrations
APPROVED

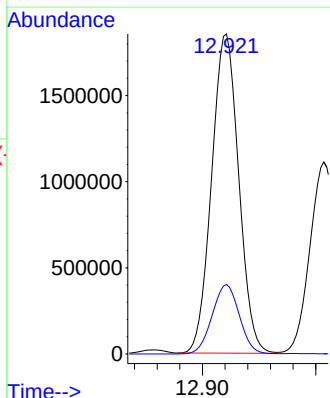
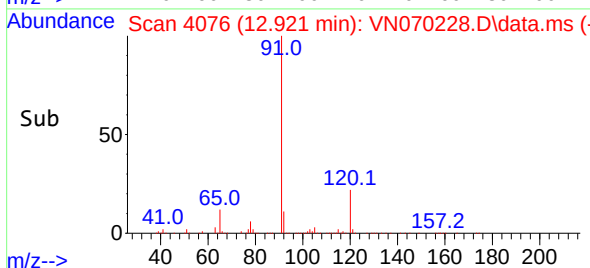
Reviewed By :John Carlone 12/20/2021
Supervised By :Mahesh Dadoda 12/24/2021

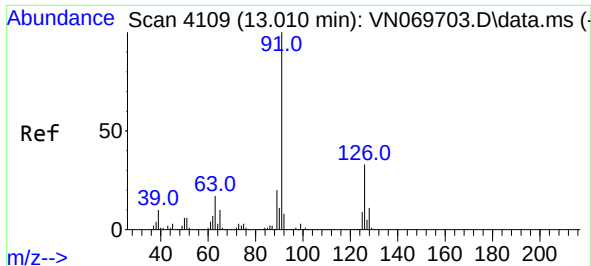


#78
n-propylbenzene
Concen: 46.24 ug/l
RT: 12.921 min Scan# 4076
Delta R.T. 0.000 min
Lab File: VN070228.D
Acq: 18 Dec 2021 21:33



Tgt Ion: 91 Resp: 3075067
Ion Ratio Lower Upper
91 100
120 21.8 11.9 35.9





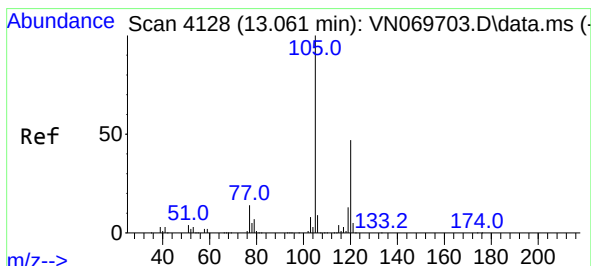
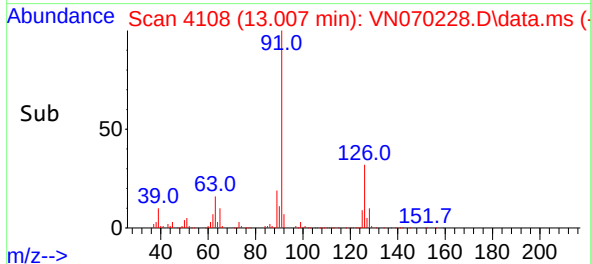
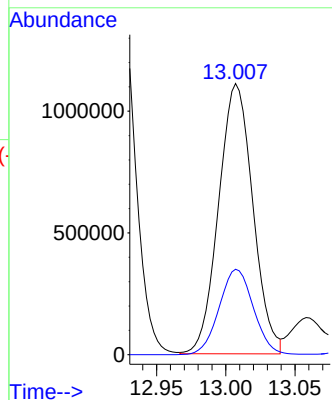
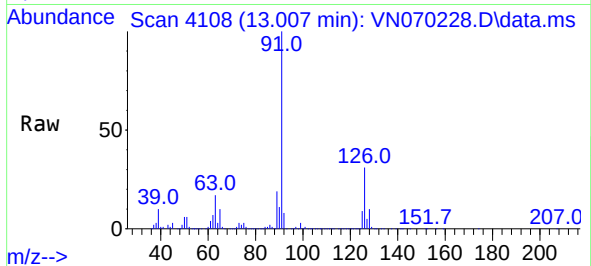
#79
2-Chlorotoluene
Concen: 45.49 ug/l
RT: 13.007 min Scan# 4109
Delta R.T. -0.003 min
Lab File: VN070228.D
Acq: 18 Dec 2021 21:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 191125
Ion Ratio Lower Upper
91 100
126 31.7 18.3 54.8

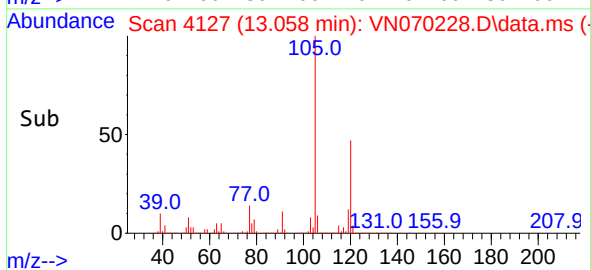
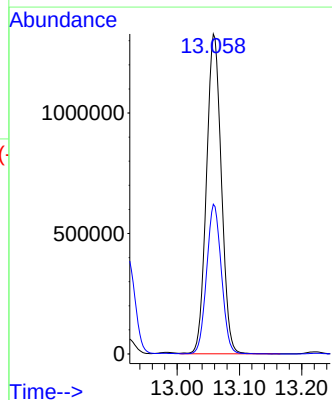
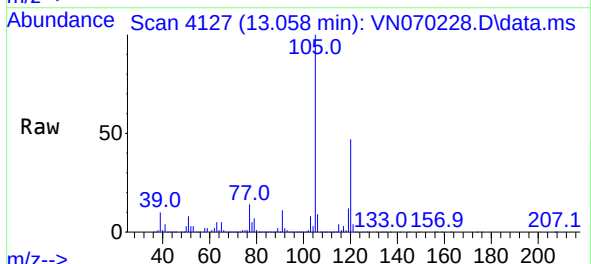
Manual Integrations
APPROVED

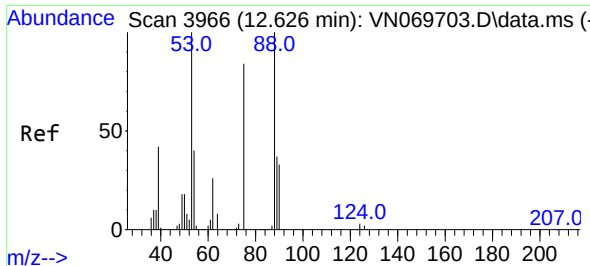
Reviewed By :John Carlone 12/20/2021
Supervised By :Mahesh Dadoda 12/24/2021



#80
1,3,5-Trimethylbenzene
Concen: 45.79 ug/l
RT: 13.058 min Scan# 4127
Delta R.T. -0.003 min
Lab File: VN070228.D
Acq: 18 Dec 2021 21:33

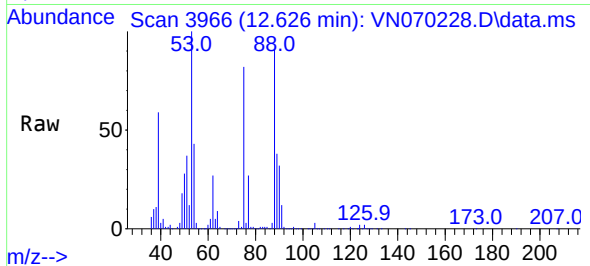
Tgt Ion:105 Resp: 2202323
Ion Ratio Lower Upper
105 100
120 46.5 24.6 73.6





#81
trans-1,4-Dichloro-2-butene
Concen: 41.51 ug/l
RT: 12.626 min Scan# 3966
Delta R.T. 0.000 min
Lab File: VN070228.D
Acq: 18 Dec 2021 21:33

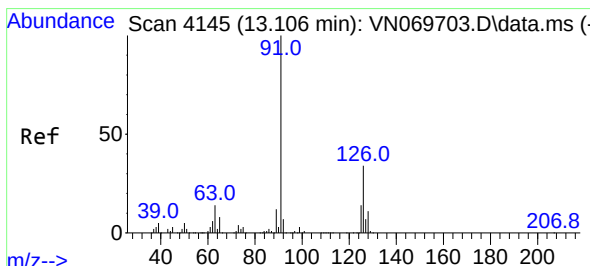
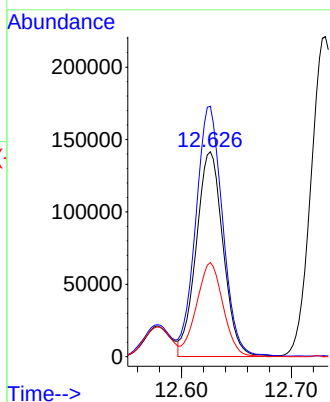
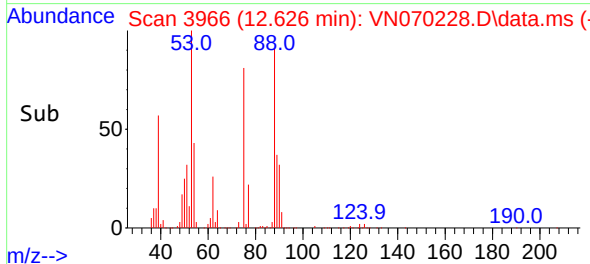
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 239875
Ion Ratio Lower Upper
75 100
53 122.5 90.5 135.7
89 45.3 38.2 57.4

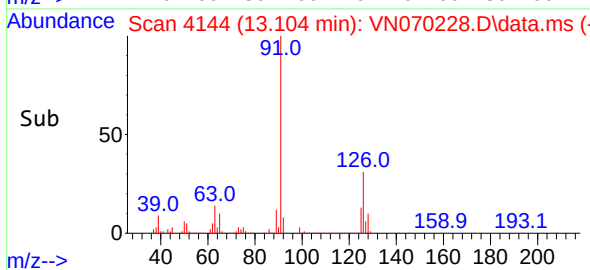
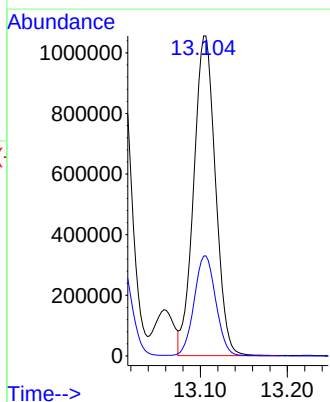
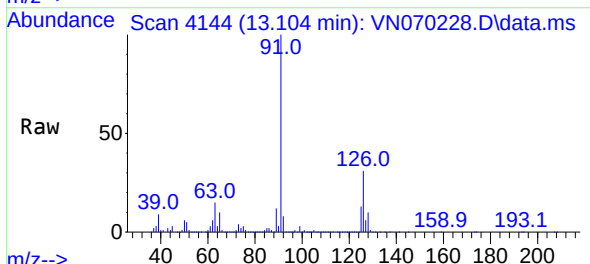
Manual Integrations
APPROVED

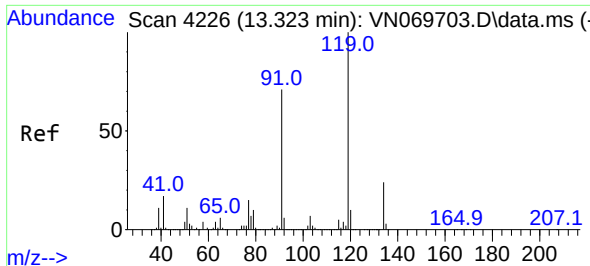
Reviewed By :John Carlone 12/20/2021
Supervised By :Mahesh Dadoda 12/24/2021



#82
4-Chlorotoluene
Concen: 46.21 ug/l
RT: 13.104 min Scan# 4144
Delta R.T. -0.003 min
Lab File: VN070228.D
Acq: 18 Dec 2021 21:33

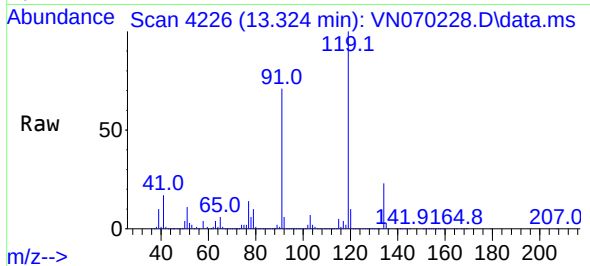
Tgt Ion: 91 Resp: 1826099
Ion Ratio Lower Upper
91 100
126 31.3 18.2 54.6





#83
tert-Butylbenzene
Concen: 46.41 ug/l
RT: 13.324 min Scan# 4226
Delta R.T. 0.000 min
Lab File: VN070228.D
Acq: 18 Dec 2021 21:33

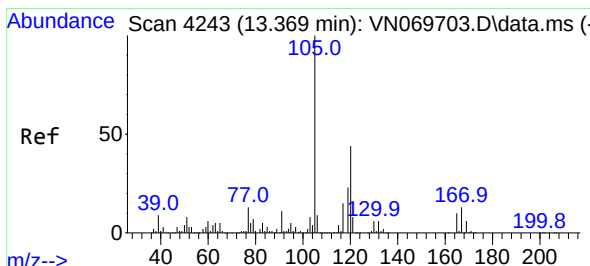
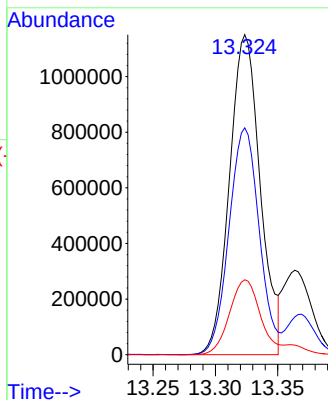
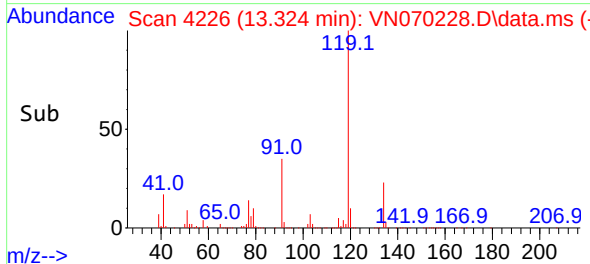
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



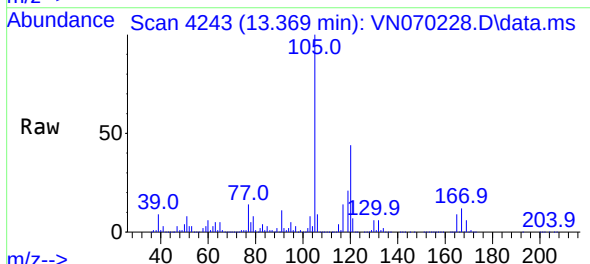
Tgt Ion:119 Resp: 197649
Ion Ratio Lower Upper
119 100
91 70.1 31.5 94.5
134 23.8 12.4 37.4

Manual Integrations
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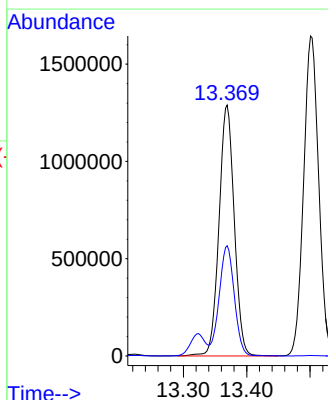
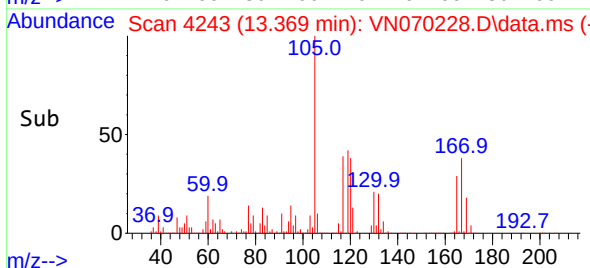
Reviewed By :John Carlone 12/20/2021
Supervised By :Mahesh Dadoda 12/24/2021

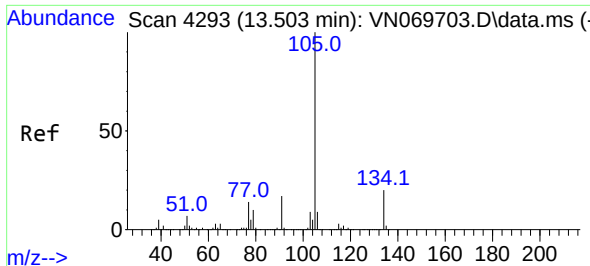


#84
1,2,4-Trimethylbenzene
Concen: 46.97 ug/l
RT: 13.369 min Scan# 4243
Delta R.T. 0.000 min
Lab File: VN070228.D
Acq: 18 Dec 2021 21:33



Tgt Ion:105 Resp: 2151467
Ion Ratio Lower Upper
105 100
120 43.9 22.8 68.4





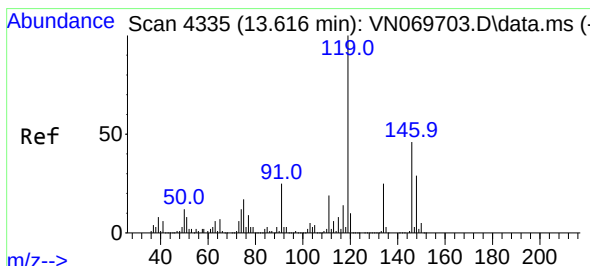
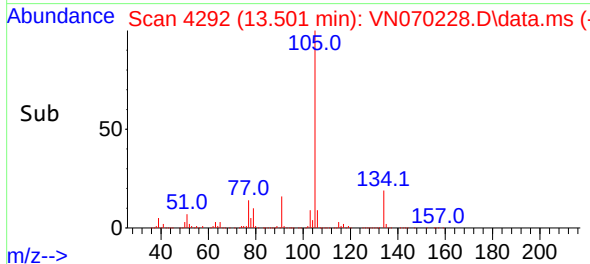
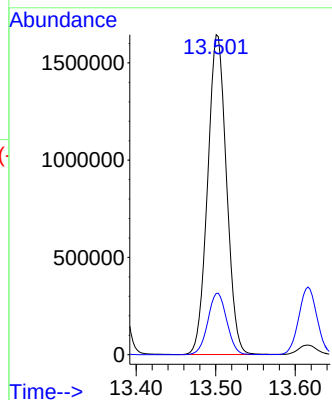
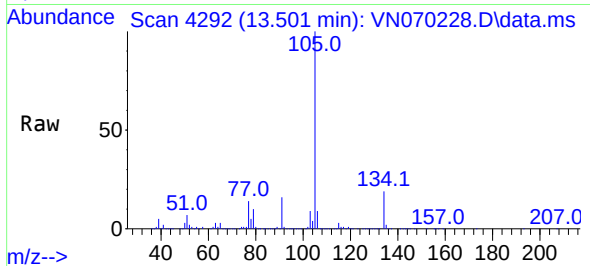
#85
 sec-Butylbenzene
 Concen: 46.93 ug/l
 RT: 13.501 min Scan# 4292
 Delta R.T. -0.003 min
 Lab File: VN070228.D
 Acq: 18 Dec 2021 21:33

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:105 Resp: 2711408
 Ion Ratio Lower Upper
 105 100
 134 19.4 10.4 31.1

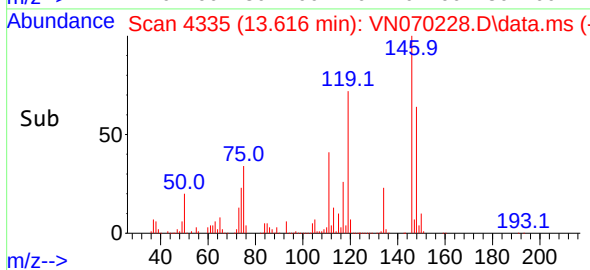
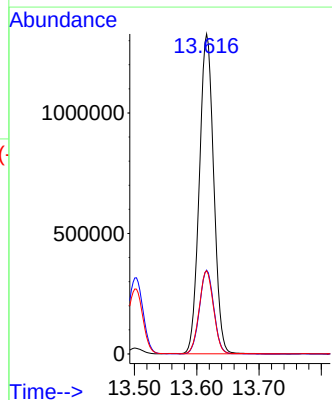
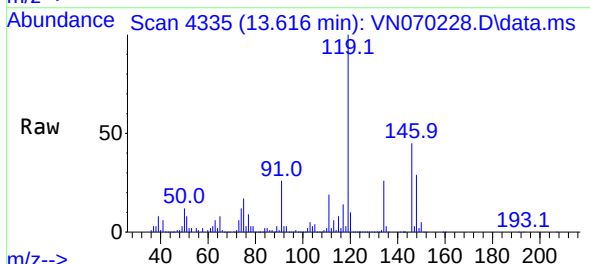
Manual Integrations
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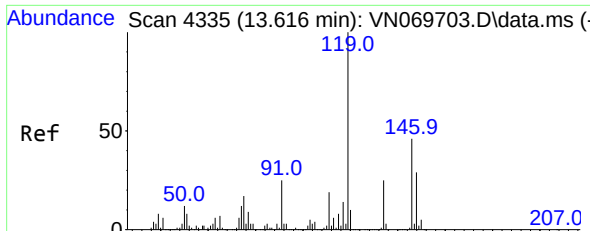
Reviewed By :John Carlone 12/20/2021
 Supervised By :Mahesh Dadoda 12/24/2021



#86
 p-Isopropyltoluene
 Concen: 47.13 ug/l
 RT: 13.616 min Scan# 4335
 Delta R.T. 0.000 min
 Lab File: VN070228.D
 Acq: 18 Dec 2021 21:33

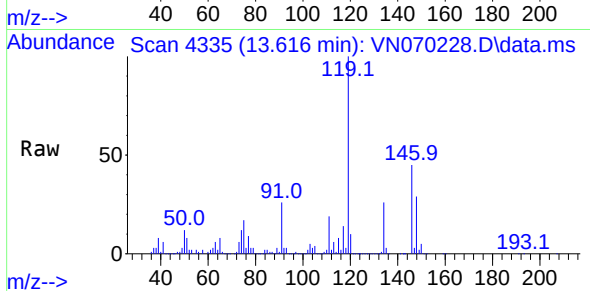
Tgt Ion:119 Resp: 2127998
 Ion Ratio Lower Upper
 119 100
 134 25.9 13.6 40.7
 91 25.8 11.4 34.1





#87
1,3-Dichlorobenzene
Concen: 44.86 ug/l
RT: 13.616 min Scan# 4335
Delta R.T. 0.000 min
Lab File: VN070228.D
Acq: 18 Dec 2021 21:33

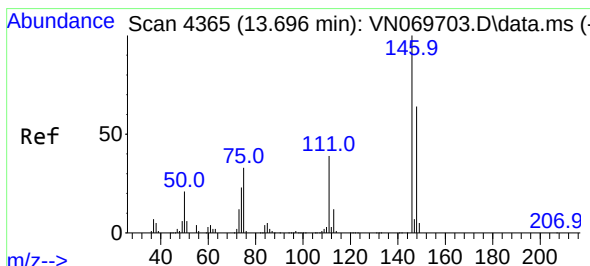
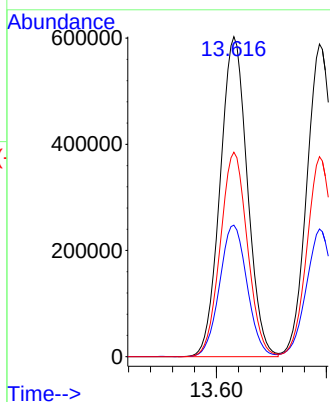
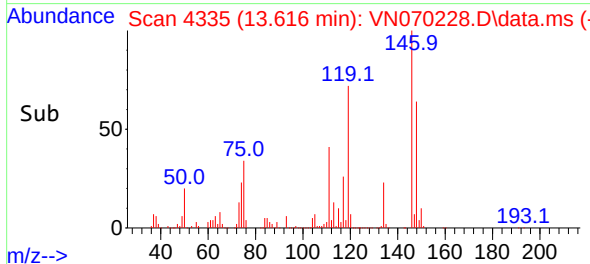
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



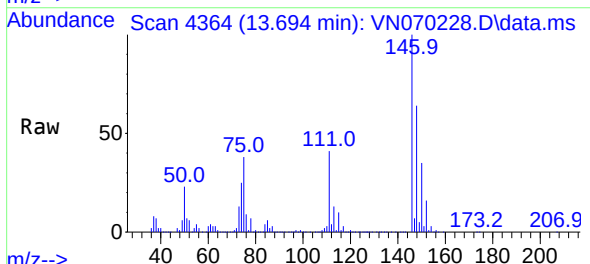
Tgt Ion:146 Resp: 103439
Ion Ratio Lower Upper
146 100
111 41.7 18.6 55.6
148 64.0 31.6 95.0

Manual Integrations
APPROVED

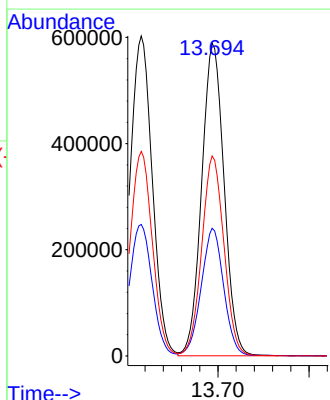
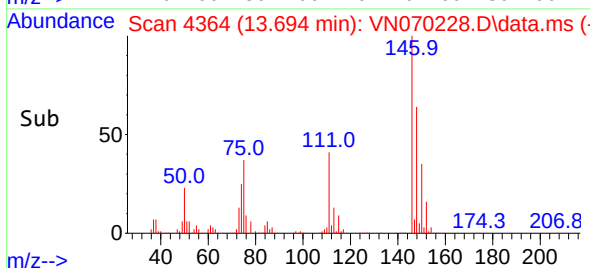
Reviewed By :John Carlone 12/20/2021
Supervised By :Mahesh Dadoda 12/24/2021

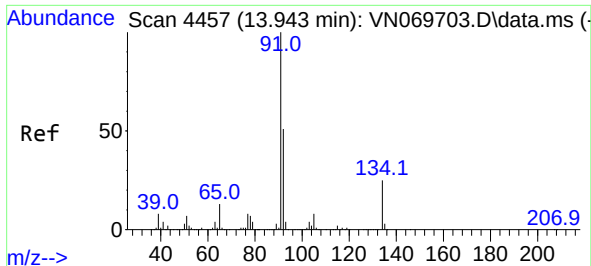


#88
1,4-Dichlorobenzene
Concen: 44.39 ug/l
RT: 13.694 min Scan# 4364
Delta R.T. -0.003 min
Lab File: VN070228.D
Acq: 18 Dec 2021 21:33



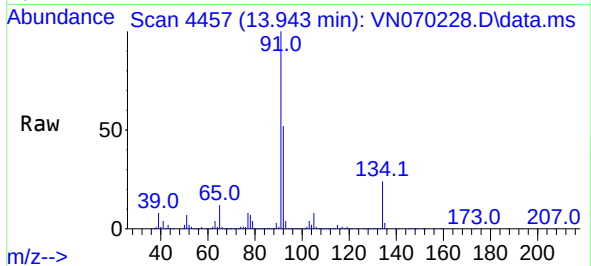
Tgt Ion:146 Resp: 1005932
Ion Ratio Lower Upper
146 100
111 40.7 18.3 54.8
148 63.3 31.8 95.4





#89
n-Butylbenzene
Concen: 47.86 ug/l
RT: 13.943 min Scan# 4457
Delta R.T. 0.000 min
Lab File: VN070228.D
Acq: 18 Dec 2021 21:33

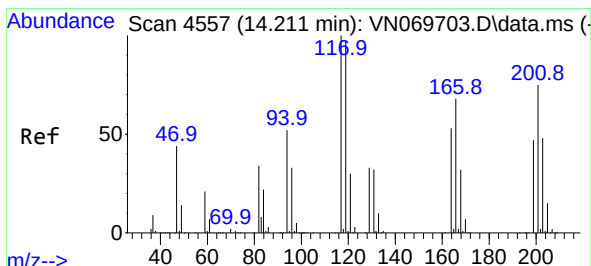
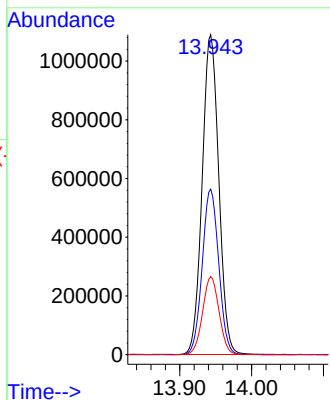
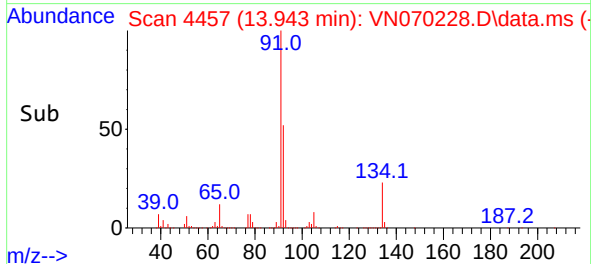
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



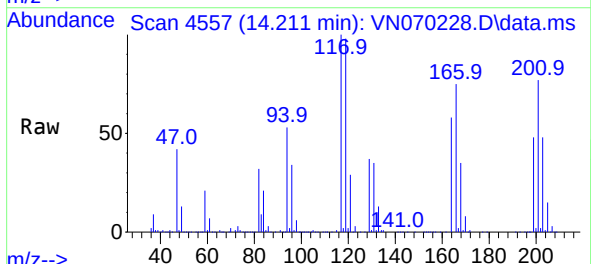
Tgt Ion: 91 Resp: 1753210
Ion Ratio Lower Upper
91 100
92 51.5 25.4 76.0
134 24.3 13.6 40.8

Manual Integrations
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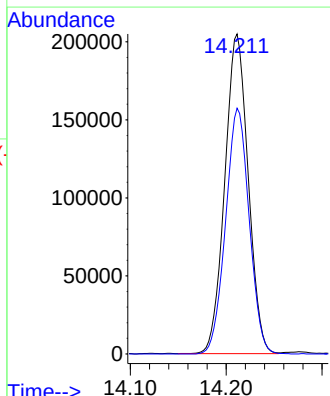
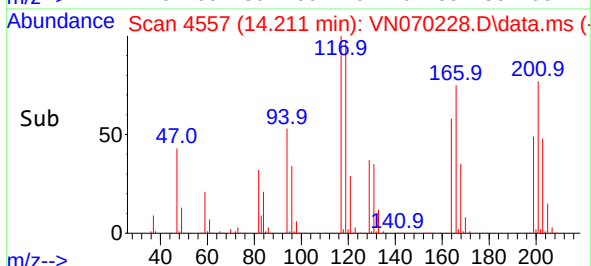
Reviewed By :John Carlone 12/20/2021
Supervised By :Mahesh Dadoda 12/24/2021

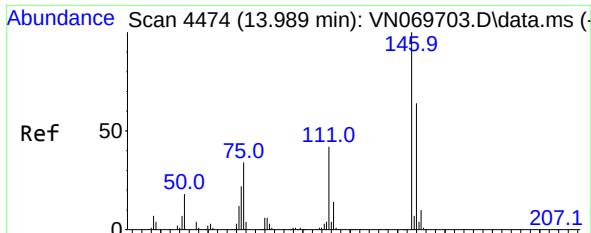


#90
Hexachloroethane
Concen: 43.82 ug/l
RT: 14.211 min Scan# 4557
Delta R.T. 0.000 min
Lab File: VN070228.D
Acq: 18 Dec 2021 21:33



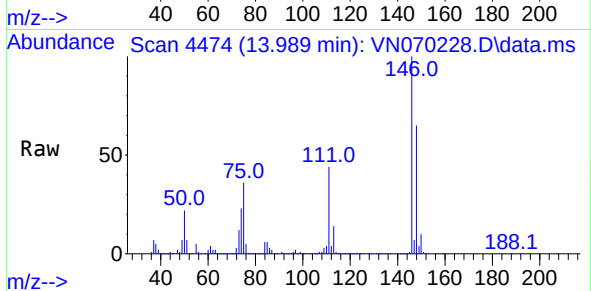
Tgt Ion:117 Resp: 347425
Ion Ratio Lower Upper
117 100
201 77.5 43.9 131.6





#91
1,2-Dichlorobenzene
Concen: 44.78 ug/l
RT: 13.989 min Scan# 4474
Delta R.T. 0.000 min
Lab File: VN070228.D
Acq: 18 Dec 2021 21:33

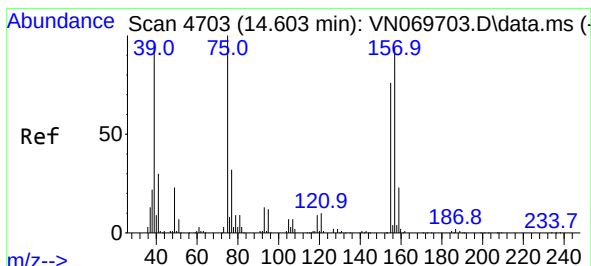
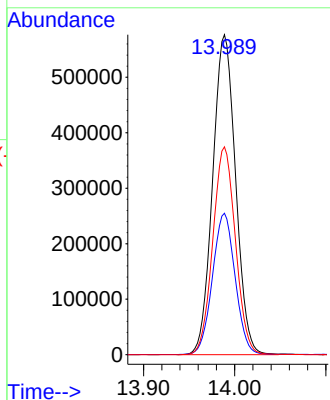
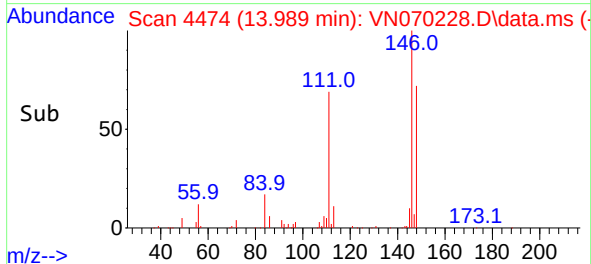
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:146 Resp: 1006224
Ion Ratio Lower Upper
146 100
111 43.8 19.1 57.3
148 64.4 32.1 96.3

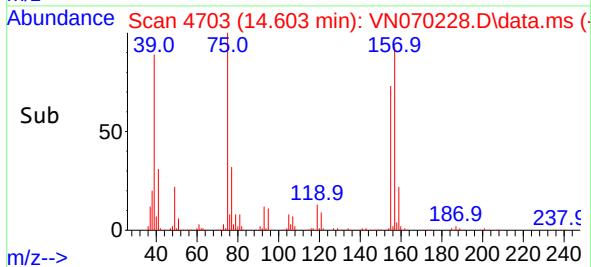
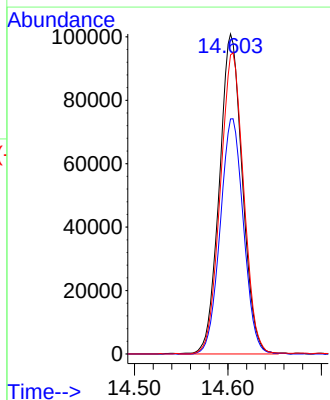
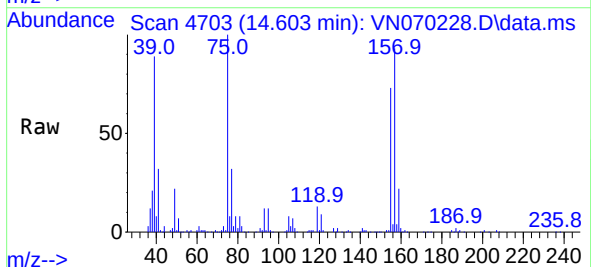
Manual Integrations
APPROVED

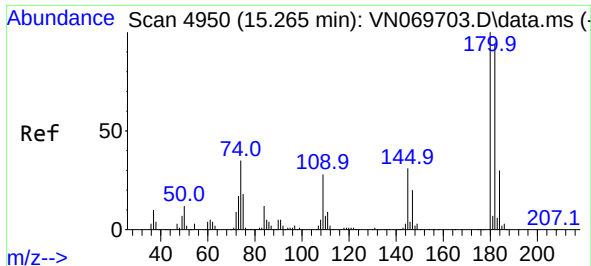
Reviewed By :John Carlone 12/20/2021
Supervised By :Mahesh Dadoda 12/24/2021



#92
1,2-Dibromo-3-Chloropropane
Concen: 46.19 ug/l
RT: 14.603 min Scan# 4703
Delta R.T. 0.000 min
Lab File: VN070228.D
Acq: 18 Dec 2021 21:33

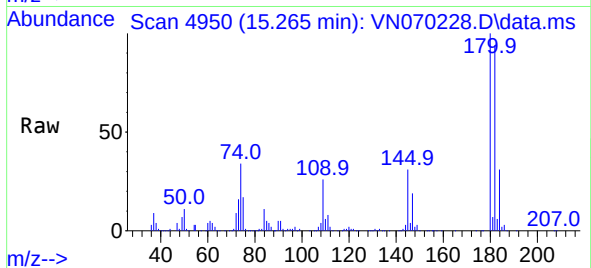
Tgt Ion: 75 Resp: 172476
Ion Ratio Lower Upper
75 100
155 74.3 46.9 140.7
157 95.5 60.6 181.7





#93
1,2,4-Trichlorobenzene
Concen: 45.32 ug/l
RT: 15.265 min Scan# 4950
Delta R.T. 0.000 min
Lab File: VN070228.D
Acq: 18 Dec 2021 21:33

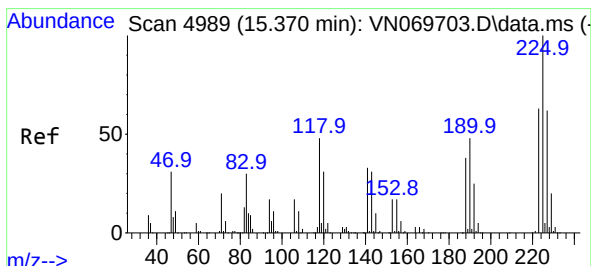
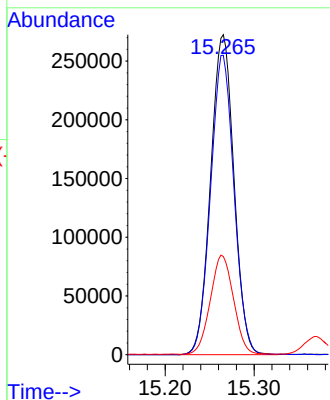
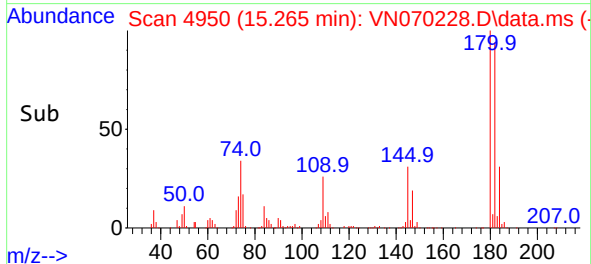
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



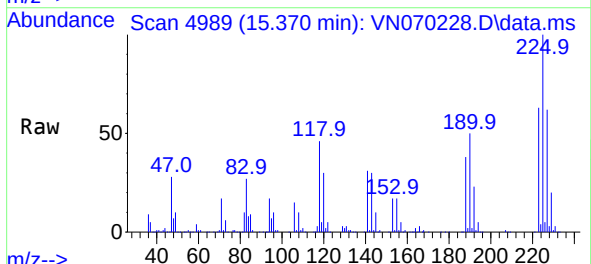
Tgt Ion:180 Resp: 496310
Ion Ratio Lower Upper
180 100
182 93.8 48.3 144.9
145 30.8 14.5 43.5

Manual Integrations
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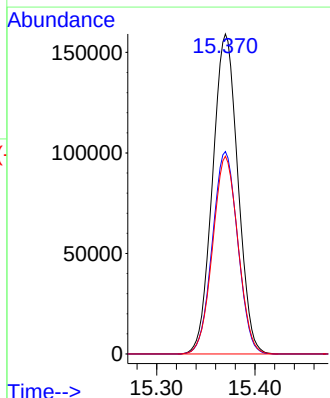
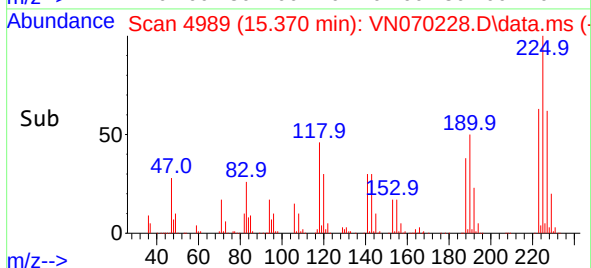
Reviewed By :John Carlone 12/20/2021
Supervised By :Mahesh Dadoda 12/24/2021

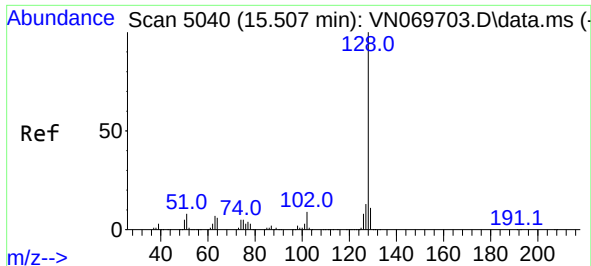


#94
Hexachlorobutadiene
Concen: 47.83 ug/l
RT: 15.370 min Scan# 4989
Delta R.T. 0.000 min
Lab File: VN070228.D
Acq: 18 Dec 2021 21:33



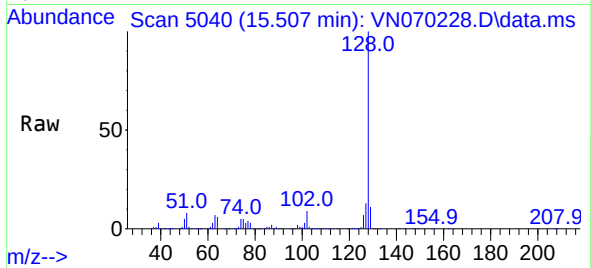
Tgt Ion:225 Resp: 284831
Ion Ratio Lower Upper
225 100
223 63.4 31.9 95.7
227 62.1 32.1 96.3





#95
Naphthalene
Concen: 45.23 ug/l
RT: 15.507 min Scan# 5040
Delta R.T. -0.000 min
Lab File: VN070228.D
Acq: 18 Dec 2021 21:33

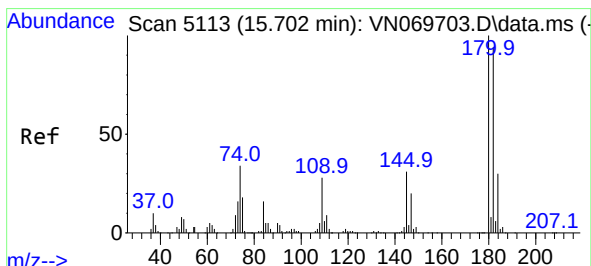
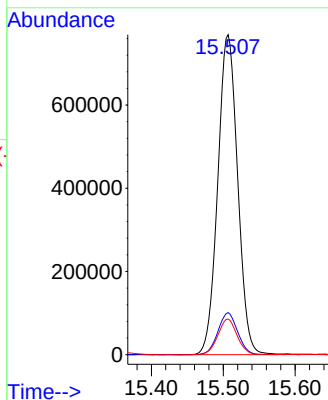
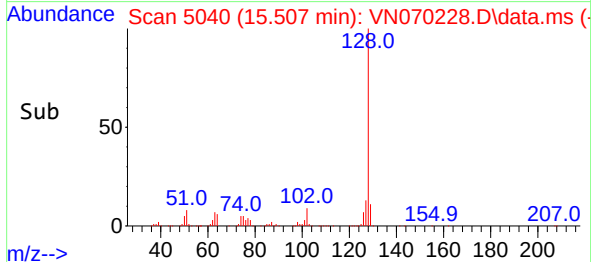
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



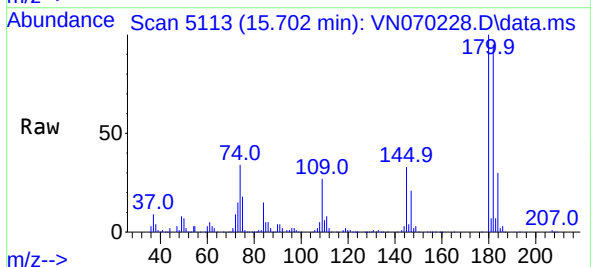
Tgt Ion:128 Resp: 147111
Ion Ratio Lower Upper
128 100
127 13.1 10.5 15.7
129 10.9 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/20/2021
Supervised By :Mahesh Dadoda 12/24/2021



#96
1,2,3-Trichlorobenzene
Concen: 46.28 ug/l
RT: 15.702 min Scan# 5113
Delta R.T. 0.000 min
Lab File: VN070228.D
Acq: 18 Dec 2021 21:33



Tgt Ion:180 Resp: 494957
Ion Ratio Lower Upper
180 100
182 95.3 47.4 142.2
145 33.0 15.0 45.1

