

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011022\
 Data File : VN070557.D
 Acq On : 10 Jan 2022 21:06
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/11/2022
 Supervised By : Mahesh Dadoda 01/12/2022

Quant Time: Jan 11 06:08:24 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122721W.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 27 18:47:12 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	1065070	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.965	114	1799174	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.741	117	1674353	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.672	152	733227	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	680000	44.405	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	88.800%		
35) Dibromofluoromethane	8.018	113	508709	46.731	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	93.460%		
50) Toluene-d8	10.440	98	2051183	46.125	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	92.260%		
62) 4-Bromofluorobenzene	12.728	95	761588	47.417	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	94.840%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.073	85	463048	38.337	ug/l	99
3) Chloromethane	2.303	50	671014	40.840	ug/l	98
4) Vinyl Chloride	2.448	62	629386	42.073	ug/l	98
5) Bromomethane	2.853	94	346544	44.883	ug/l	100
6) Chloroethane	3.022	64	379740	42.152	ug/l	99
7) Trichlorofluoromethane	3.381	101	697341	38.730	ug/l	99
8) Diethyl Ether	3.824	74	366356	46.156	ug/l	82
9) 1,1,2-Trichlorotrifluo...	4.213	101	483215	43.878	ug/l	95
10) Methyl Iodide	4.422	142	686267	46.047	ug/l	97
11) Tert butyl alcohol	5.369	59	552635	216.736	ug/l	98
12) 1,1-Dichloroethene	4.183	96	476983	43.973	ug/l	92
13) Acrolein	4.041	56	370544	179.104	ug/l	99
14) Allyl chloride	4.843	41	1124820	45.737	ug/l #	84
15) Acrylonitrile	5.551	53	1902116	239.057	ug/l	99
16) Acetone	4.285	43	1692503	170.256	ug/l	98
17) Carbon Disulfide	4.532	76	1194712	40.349	ug/l	99
18) Methyl Acetate	4.851	43	1313495	45.677	ug/l	92
19) Methyl tert-butyl Ether	5.615	73	1904836	47.286	ug/l	95
20) Methylene Chloride	5.095	84	592096	43.049	ug/l	88
21) trans-1,2-Dichloroethene	5.597	96	501390	43.656	ug/l	87
22) Diisopropyl ether	6.495	45	2294015	47.890	ug/l	91
23) Vinyl Acetate	6.433	43	9027336	242.896	ug/l	95
24) 1,1-Dichloroethane	6.385	63	1119550	45.075	ug/l	98
25) 2-Butanone	7.332	43	2674943	213.707	ug/l	93
26) 2,2-Dichloropropane	7.324	77	821019	41.901	ug/l	98
27) cis-1,2-Dichloroethene	7.324	96	627538	45.792	ug/l	89
28) Bromochloromethane	7.656	49	610369	50.249	ug/l #	77
29) Tetrahydrofuran	7.683	42	1751986	234.599	ug/l	88
30) Chloroform	7.817	83	1047757	43.727	ug/l	99
31) Cyclohexane	8.094	56	1041462	43.097	ug/l	87
32) 1,1,1-Trichloroethane	8.013	97	867997	42.962	ug/l	98
36) 1,1-Dichloropropene	8.220	75	777523	43.176	ug/l	96
37) Ethyl Acetate	7.410	43	1062599	45.522	ug/l	97
38) Carbon Tetrachloride	8.206	117	687152	39.960	ug/l	100
39) Methylcyclohexane	9.459	83	937526	43.002	ug/l	89
40) Benzene	8.458	78	2478538	44.894	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.632	41	541784	46.404	ug/l	89
42) 1,2-Dichloroethane	8.528	62	848663	40.896	ug/l	99
43) Isopropyl Acetate	8.558	43	1718535	46.697	ug/l	96
44) Trichloroethene	9.215	130	565367	43.098	ug/l	91
45) 1,2-Dichloropropane	9.488	63	696189	46.835	ug/l	99
46) Dibromomethane	9.574	93	402009	43.492	ug/l	95
47) Bromodichloromethane	9.759	83	803788	43.795	ug/l	100
48) Methyl methacrylate	9.558	41	781581	44.524	ug/l #	85
49) 1,4-Dioxane	9.566	88	216462	842.387	ug/l #	85
51) 4-Methyl-2-Pentanone	10.328	43	5440075	235.246	ug/l	98
52) Toluene	10.502	92	1508818	45.150	ug/l	97
53) t-1,3-Dichloropropene	10.717	75	924864	46.548	ug/l	99
54) cis-1,3-Dichloropropene	10.188	75	1015844	47.263	ug/l	98
55) 1,1,2-Trichloroethane	10.896	97	603786	45.665	ug/l	98
56) Ethyl methacrylate	10.759	69	1069108	48.936	ug/l	89
57) 1,3-Dichloropropane	11.041	76	1078094	46.100	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.038	63	2145715	374.546	ug/l	90
59) 2-Hexanone	11.084	43	4273702	253.424	ug/l	97
60) Dibromochloromethane	11.237	129	586340	45.451	ug/l	100
61) 1,2-Dibromoethane	11.344	107	612220	45.602	ug/l	99
64) Tetrachloroethene	10.974	164	483718	39.895	ug/l	97
65) Chlorobenzene	11.768	112	1568269	44.144	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.838	131	554453	43.717	ug/l	99
67) Ethyl Benzene	11.843	91	2943050	45.214	ug/l	96
68) m/p-Xylenes	11.950	106	2161709	91.235	ug/l	94
69) o-Xylene	12.277	106	1085368	46.054	ug/l	94
70) Styrene	12.291	104	1782923	47.799	ug/l	97
71) Bromoform	12.454	173	423097	44.950	ug/l #	100
73) Isopropylbenzene	12.575	105	2807412	41.230	ug/l	98
74) N-amyl acetate	12.385	43	1401106	48.938	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.825	83	946908	41.734	ug/l	99
76) 1,2,3-Trichloropropane	12.878	75	896107m	41.758	ug/l	
77) Bromobenzene	12.857	156	639705	40.921	ug/l	76
78) n-propylbenzene	12.918	91	3240230	42.949	ug/l	96
79) 2-Chlorotoluene	13.004	91	1962577	40.543	ug/l	93
80) 1,3,5-Trimethylbenzene	13.058	105	2300802	42.166	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.623	75	296087	49.337	ug/l	93
82) 4-Chlorotoluene	13.101	91	1922104	42.390	ug/l	92
83) tert-Butylbenzene	13.321	119	2029783	42.246	ug/l	96
84) 1,2,4-Trimethylbenzene	13.366	105	2263530	43.080	ug/l	98
85) sec-Butylbenzene	13.498	105	2821011	43.247	ug/l	97
86) p-Isopropyltoluene	13.613	119	2282818	44.551	ug/l	98
87) 1,3-Dichlorobenzene	13.613	146	1128835	43.136	ug/l	97
88) 1,4-Dichlorobenzene	13.694	146	1105488	42.825	ug/l	97
89) n-Butylbenzene	13.940	91	1992949	46.629	ug/l	97
90) Hexachloroethane	14.208	117	352769	39.629	ug/l	92
91) 1,2-Dichlorobenzene	13.986	146	1103370	43.009	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.600	75	173907	44.089	ug/l	84
93) 1,2,4-Trichlorobenzene	15.260	180	603196	49.900	ug/l	98
94) Hexachlorobutadiene	15.367	225	322729	45.938	ug/l	98
95) Naphthalene	15.501	128	1803596	53.844	ug/l	100
96) 1,2,3-Trichlorobenzene	15.697	180	586925	50.749	ug/l	98

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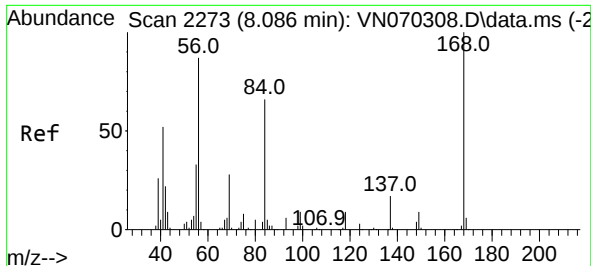
Manual Integrations
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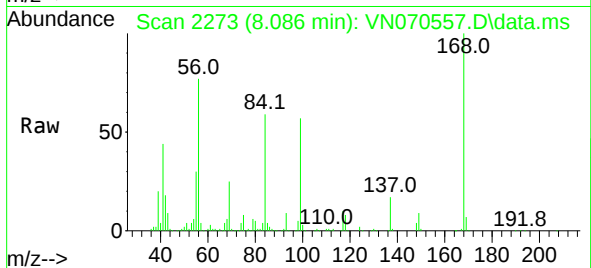
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.000 min
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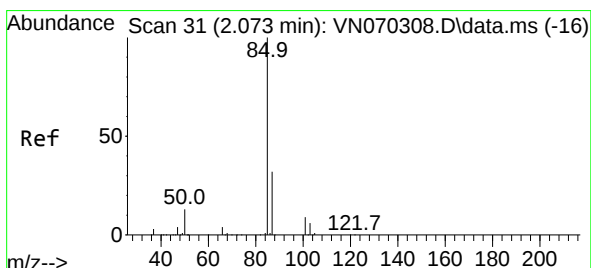
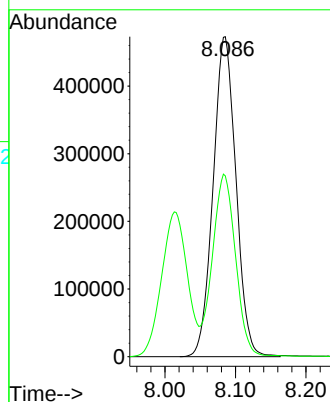
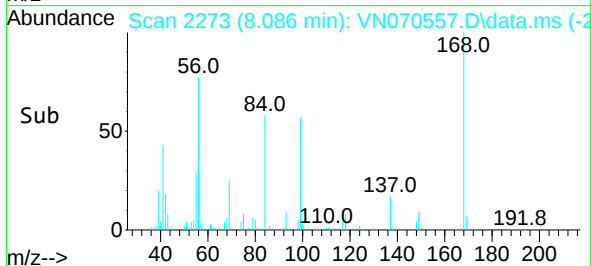
Instrument :
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ClientSampleId :
VSTDCCC050EC



Tgt Ion:168 Resp: 1065070
Ion Ratio Lower Upper
168 100
99 56.2 41.3 61.9

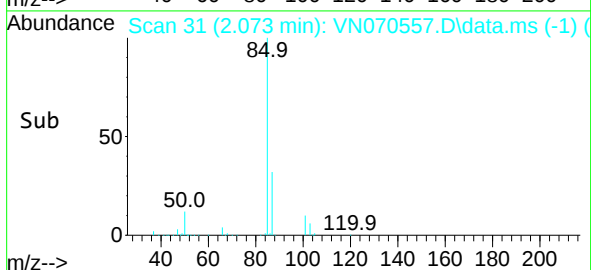
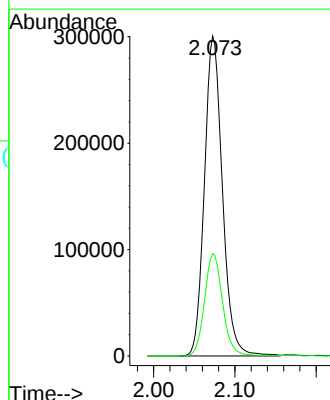
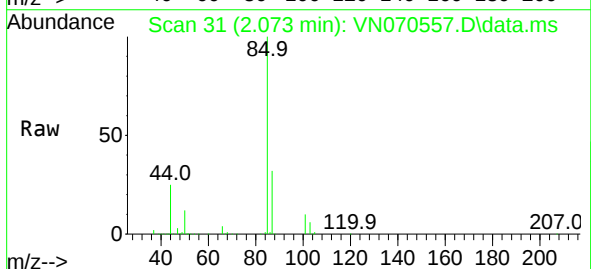
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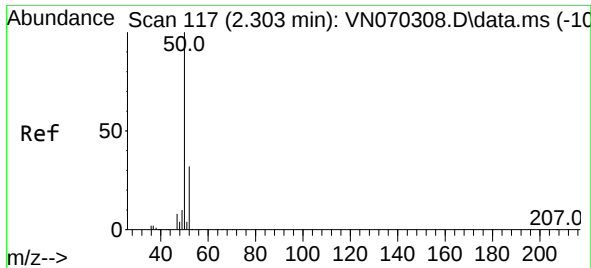
Reviewed By :John Carlone 01/11/2022
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#2
Dichlorodifluoromethane
Concen: 38.337 ug/l
RT: 2.073 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN070557.D
Acq: 10 Jan 2022 21:06

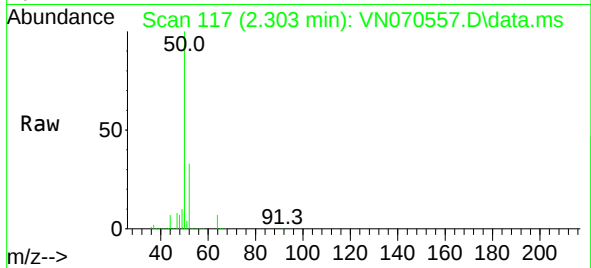
Tgt Ion: 85 Resp: 463048
Ion Ratio Lower Upper
85 100
87 32.0 16.3 48.9





#3
Chloromethane
Concen: 40.840 ug/l
RT: 2.303 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN070557.D
Acq: 10 Jan 2022 21:06

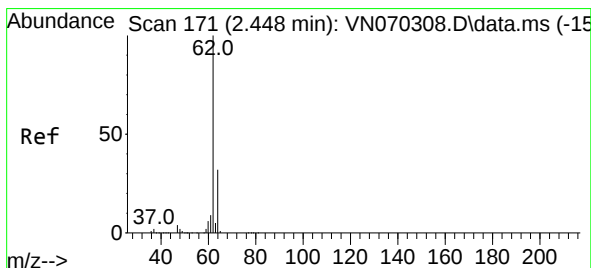
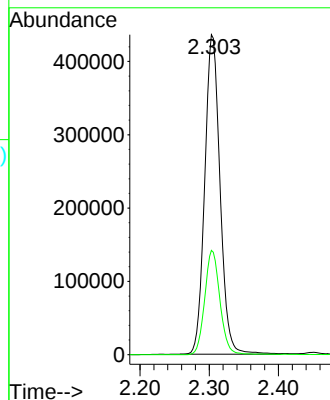
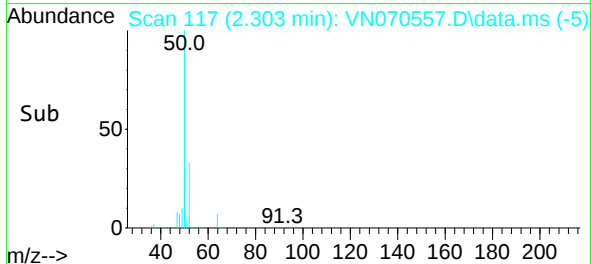
Instrument :
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Tgt Ion: 50 Resp: 671014
Ion Ratio Lower Upper
50 100
52 32.6 25.4 38.0

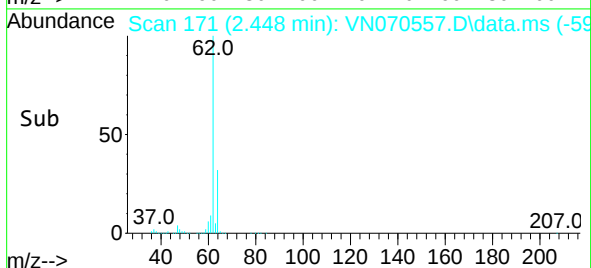
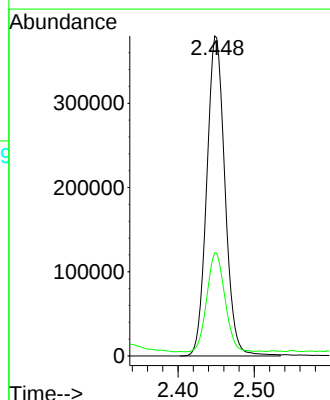
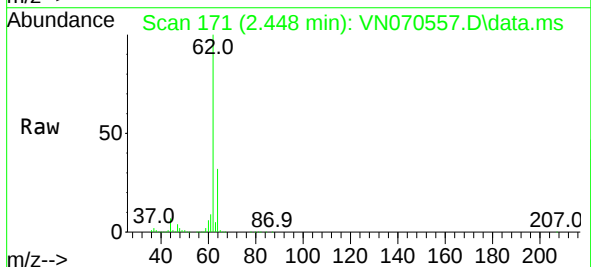
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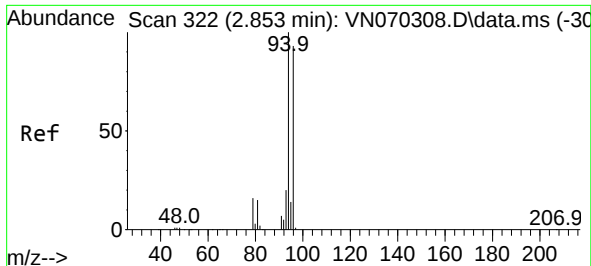
Reviewed By :John Carlone 01/11/2022
Supervised By :Mahesh Dadoda 01/12/2022



#4
Vinyl Chloride
Concen: 42.073 ug/l
RT: 2.448 min Scan# 171
Delta R.T. 0.000 min
Lab File: VN070557.D
Acq: 10 Jan 2022 21:06

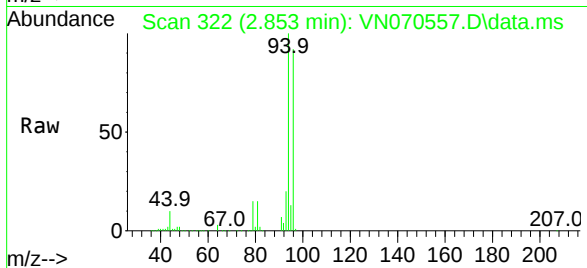
Tgt Ion: 62 Resp: 629386
Ion Ratio Lower Upper
62 100
64 30.8 25.8 38.6





#5
Bromomethane
Concen: 44.883 ug/l
RT: 2.853 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN070557.D
Acq: 10 Jan 2022 21:06

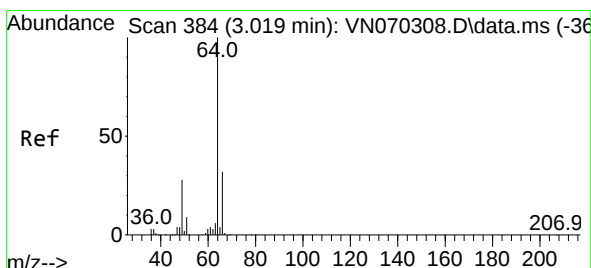
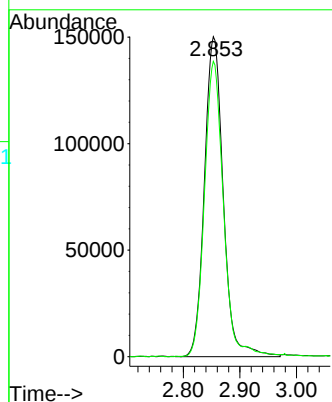
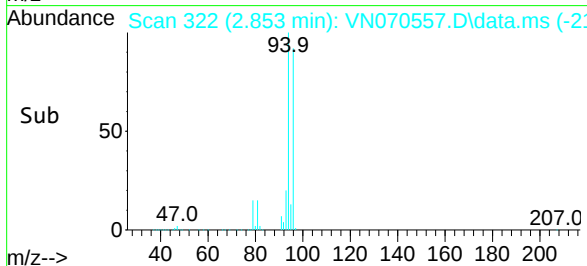
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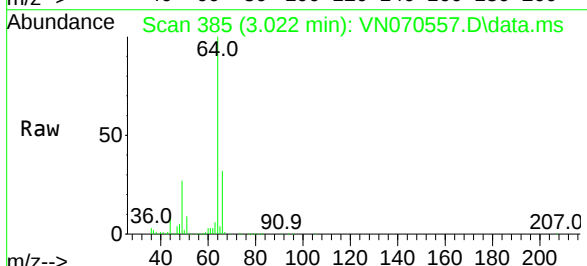
Tgt Ion: 94 Resp: 346544
Ion Ratio Lower Upper
94 100
96 92.2 73.8 110.8

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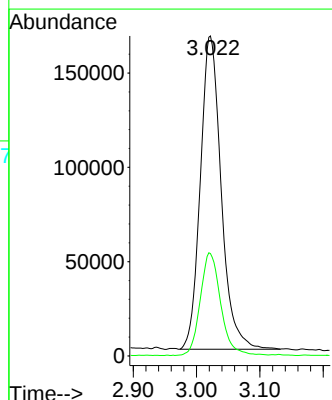
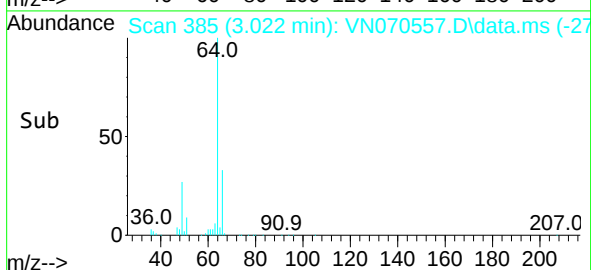
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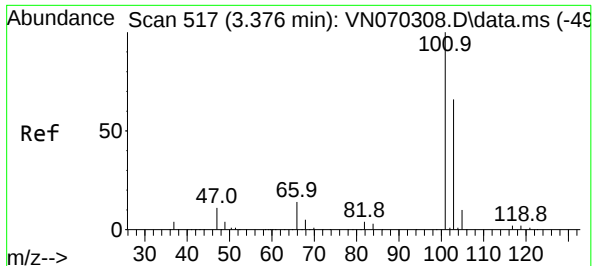


#6
Chloroethane
Concen: 42.152 ug/l
RT: 3.022 min Scan# 385
Delta R.T. 0.003 min
Lab File: VN070557.D
Acq: 10 Jan 2022 21:06



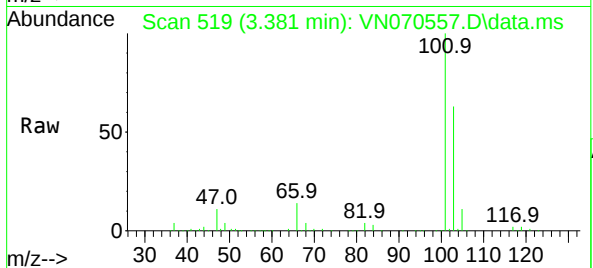
Tgt Ion: 64 Resp: 379740
Ion Ratio Lower Upper
64 100
66 32.4 26.3 39.5





#7
Trichlorofluoromethane
Concen: 38.730 ug/l
RT: 3.381 min Scan# 517
Delta R.T. 0.005 min
Lab File: VN070557.D
Acq: 10 Jan 2022 21:06

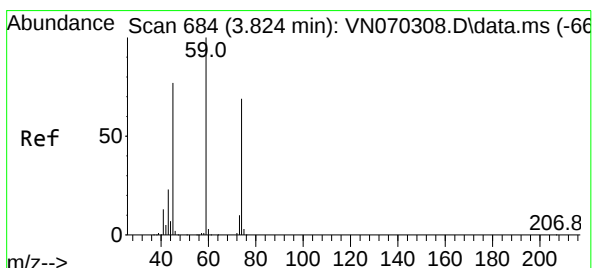
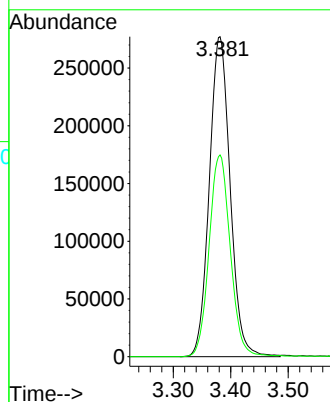
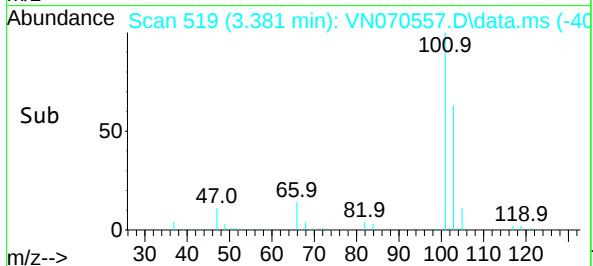
Instrument :
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Tgt Ion:101 Resp: 69734
Ion Ratio Lower Upper
101 100
103 63.1 50.1 75.1

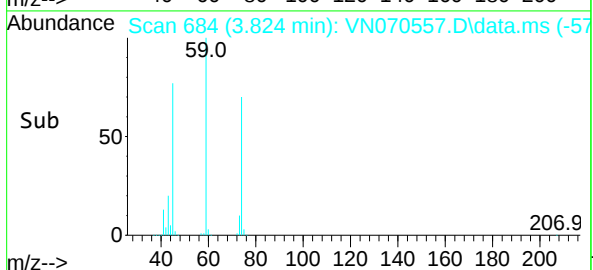
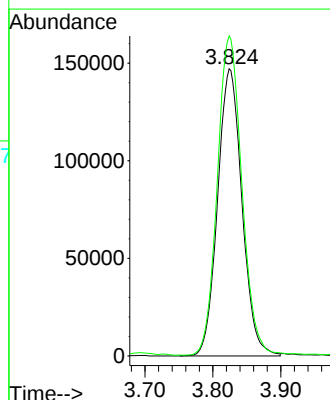
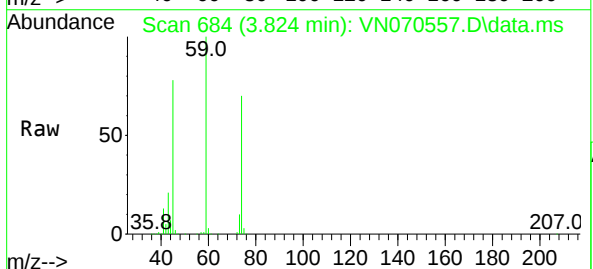
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#8
Diethyl Ether
Concen: 46.156 ug/l
RT: 3.824 min Scan# 684
Delta R.T. -0.000 min
Lab File: VN070557.D
Acq: 10 Jan 2022 21:06

Tgt Ion: 74 Resp: 366356
Ion Ratio Lower Upper
74 100
45 111.7 47.0 141.2





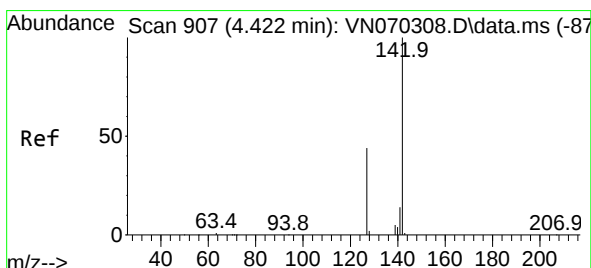
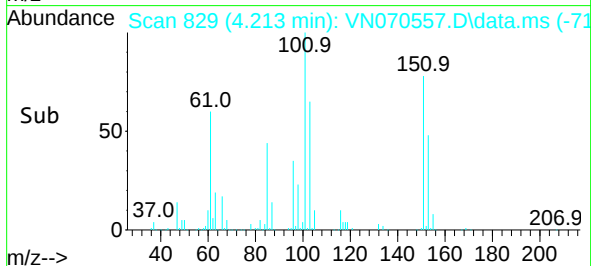
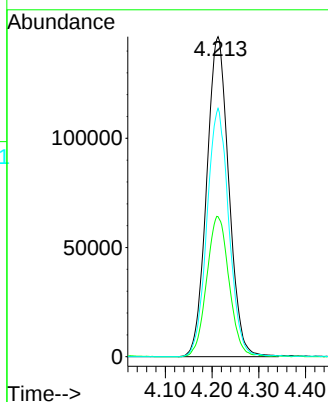
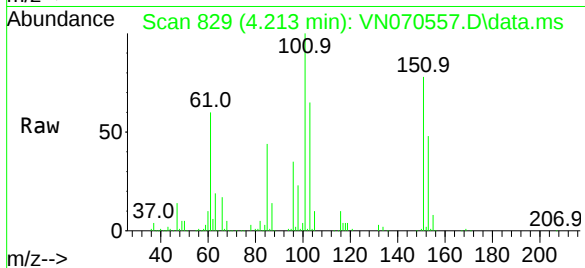
#9
1,1,2-Trichlorotrifluoroethane
Concen: 43.878 ug/l
RT: 4.213 min Scan# 81
Delta R.T. 0.003 min
Lab File: VN070557.D
Acq: 10 Jan 2022 21:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 483215
Ion Ratio Lower Upper
101 100
85 44.1 37.2 55.8
151 76.5 65.9 98.9

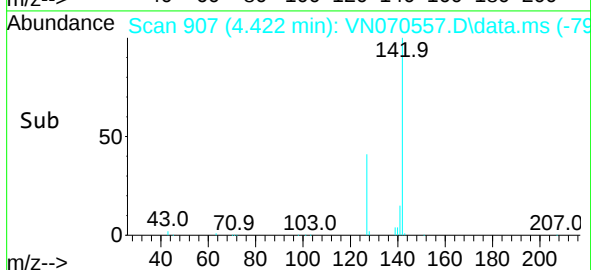
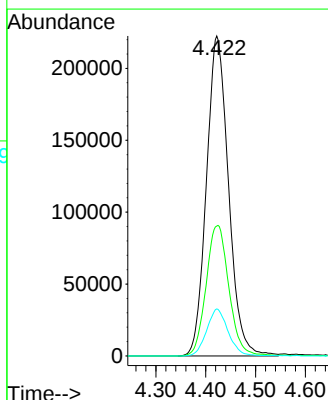
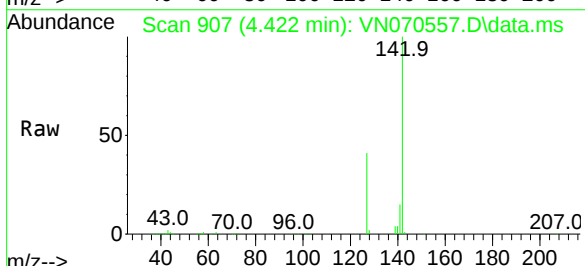
Manual Integrations
APPROVED

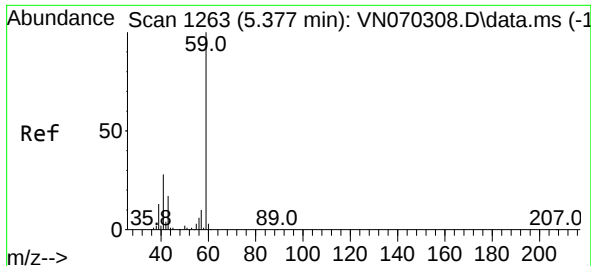
Reviewed By :John Carlone 01/11/2022
Supervised By :Mahesh Dadoda 01/12/2022



#10
Methyl Iodide
Concen: 46.047 ug/l
RT: 4.422 min Scan# 907
Delta R.T. -0.000 min
Lab File: VN070557.D
Acq: 10 Jan 2022 21:06

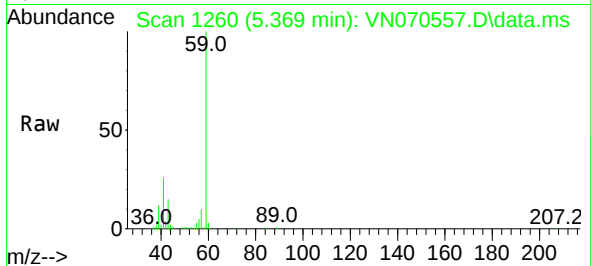
Tgt Ion:142 Resp: 686267
Ion Ratio Lower Upper
142 100
127 42.1 35.4 53.0
141 14.3 11.6 17.4





#11
Tert butyl alcohol
Concen: 216.736 ug/l
RT: 5.369 min Scan# 11
Delta R.T. -0.008 min
Lab File: VN070557.D
Acq: 10 Jan 2022 21:06

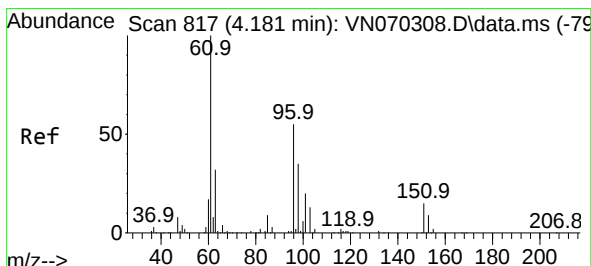
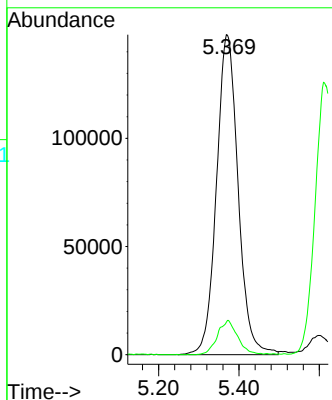
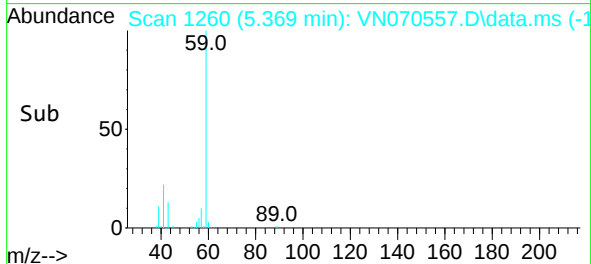
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 59 Resp: 55263
Ion Ratio Lower Upper
59 100
57 10.0 8.7 13.1

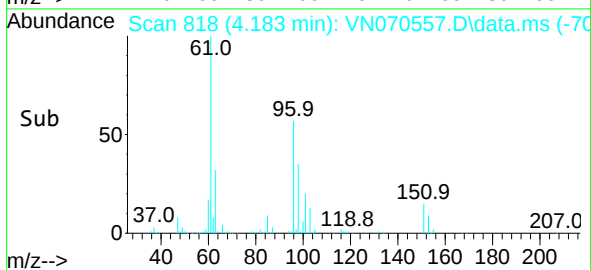
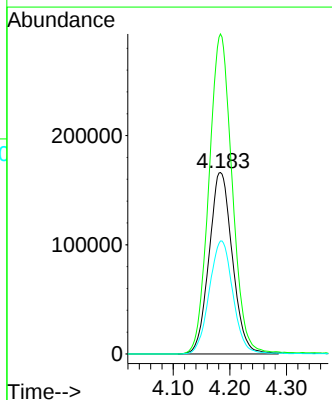
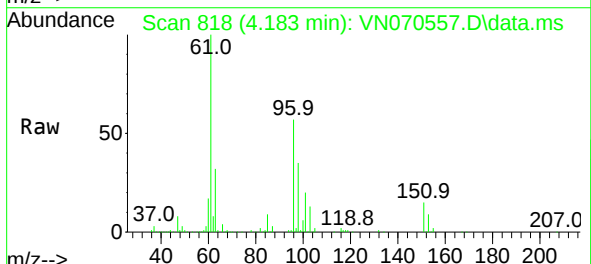
Manual Integrations
APPROVED

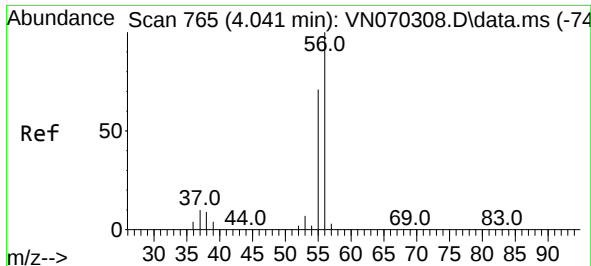
Reviewed By :John Carlone 01/11/2022
Supervised By :Mahesh Dadoda 01/12/2022



#12
1,1-Dichloroethene
Concen: 43.973 ug/l
RT: 4.183 min Scan# 818
Delta R.T. 0.002 min
Lab File: VN070557.D
Acq: 10 Jan 2022 21:06

Tgt Ion: 96 Resp: 476983
Ion Ratio Lower Upper
96 100
61 176.4 131.0 196.6
98 62.3 52.4 78.6





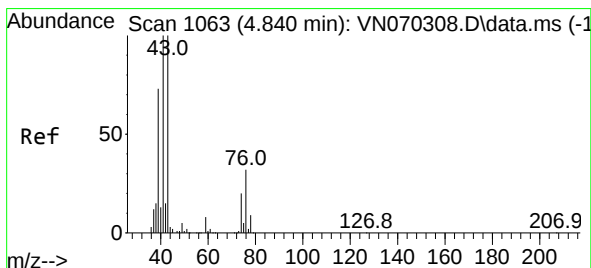
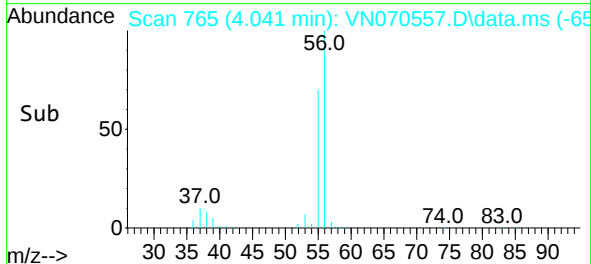
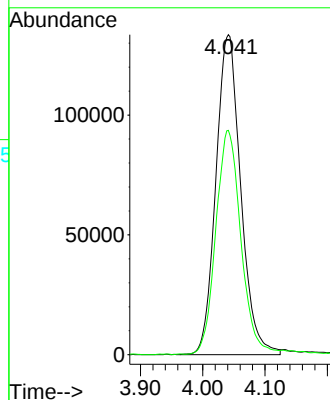
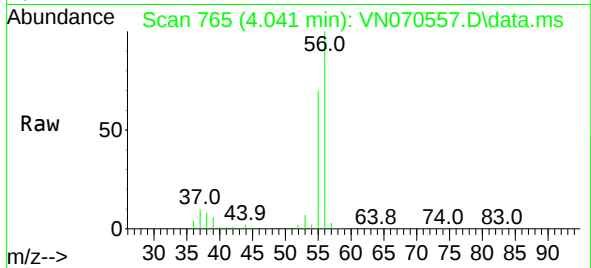
#13
Acrolein
Concen: 179.104 ug/l
RT: 4.041 min Scan# 70
Delta R.T. 0.000 min
Lab File: VN070557.D
Acq: 10 Jan 2022 21:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 56 Resp: 370544
Ion Ratio Lower Upper
56 100
55 70.3 56.6 85.0

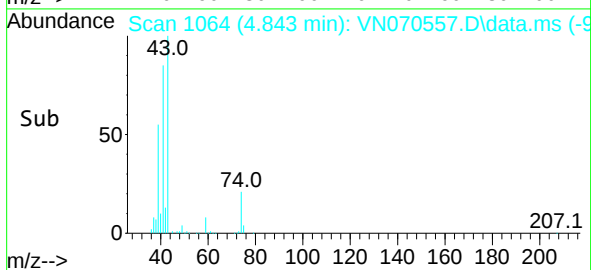
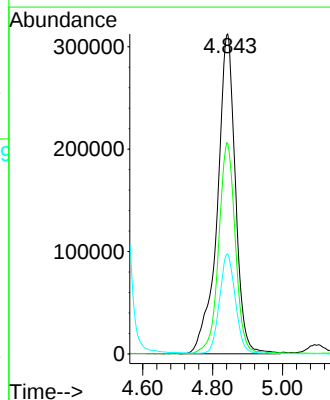
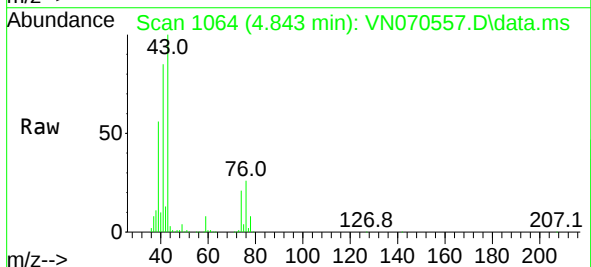
Manual Integrations
APPROVED

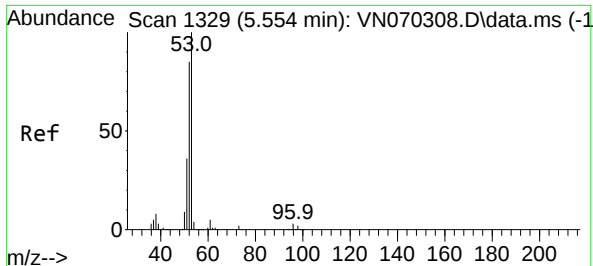
Reviewed By :John Carlone 01/11/2022
Supervised By :Mahesh Dadoda 01/12/2022



#14
Allyl chloride
Concen: 45.737 ug/l
RT: 4.843 min Scan# 1064
Delta R.T. 0.003 min
Lab File: VN070557.D
Acq: 10 Jan 2022 21:06

Tgt Ion: 41 Resp: 1124820
Ion Ratio Lower Upper
41 100
39 60.2 61.2 91.8#
76 26.9 26.0 39.0





#15

Acrylonitrile

Concen: 239.057 ug/l

RT: 5.551 min Scan# 1

Delta R.T. -0.003 min

Lab File: VN070557.D

Acq: 10 Jan 2022 21:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 53 Resp: 1902110

Ion Ratio Lower Upper

53 100

52 82.8 66.2 99.2

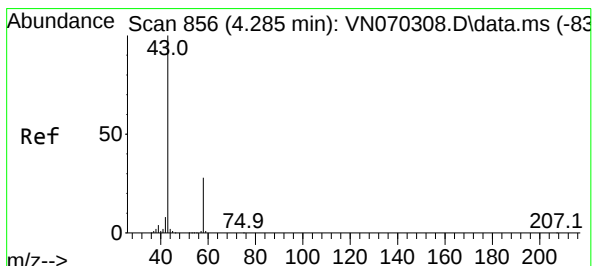
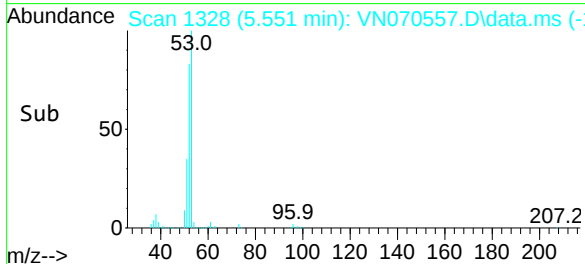
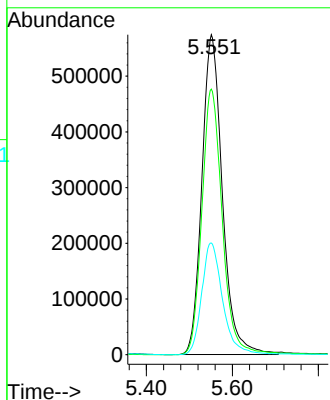
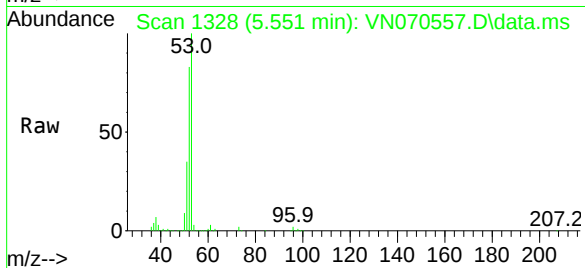
51 35.7 29.6 44.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/11/2022

Supervised By :Mahesh Dadoda 01/12/2022



#16

Acetone

Concen: 170.256 ug/l

RT: 4.285 min Scan# 856

Delta R.T. 0.000 min

Lab File: VN070557.D

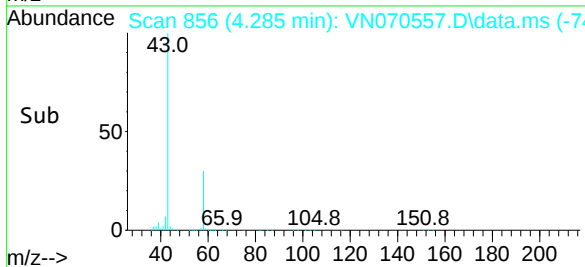
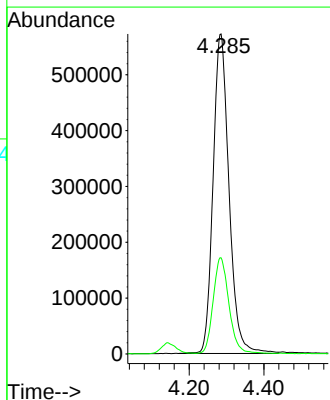
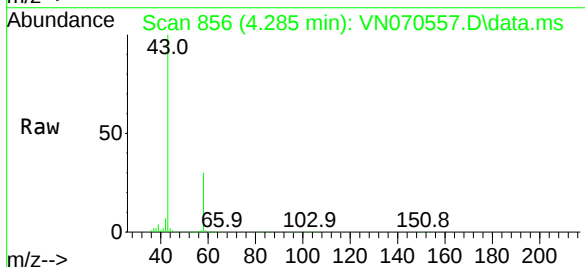
Acq: 10 Jan 2022 21:06

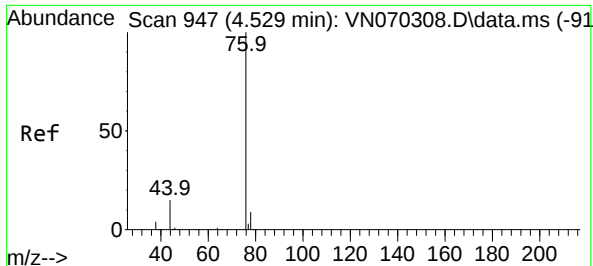
Tgt Ion: 43 Resp: 1692503

Ion Ratio Lower Upper

43 100

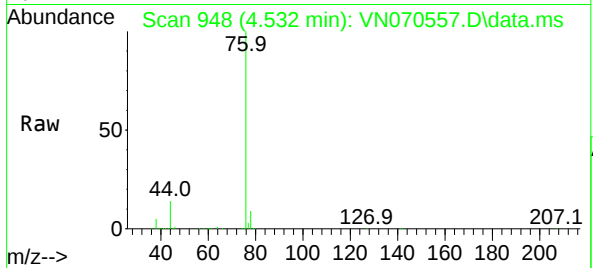
58 29.9 23.1 34.7





#17
Carbon Disulfide
Concen: 40.349 ug/l
RT: 4.532 min Scan# 947
Delta R.T. 0.003 min
Lab File: VN070557.D
Acq: 10 Jan 2022 21:06

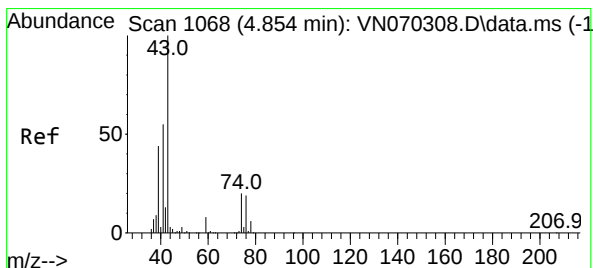
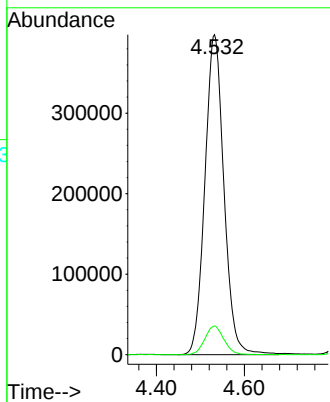
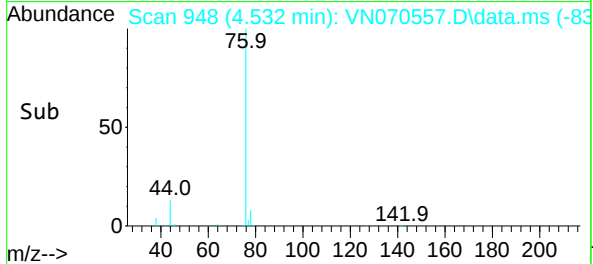
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



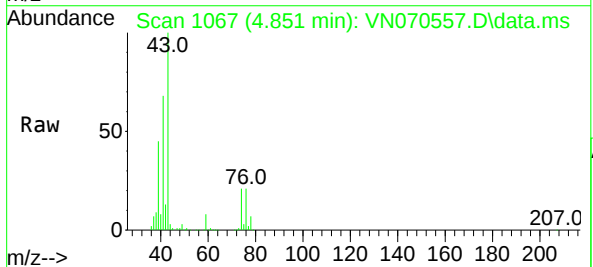
Tgt Ion: 76 Resp: 119471
Ion Ratio Lower Upper
76 100
78 9.0 7.5 11.3

Manual Integrations
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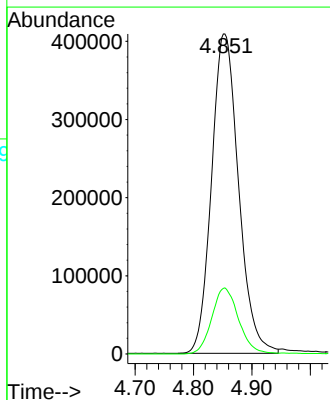
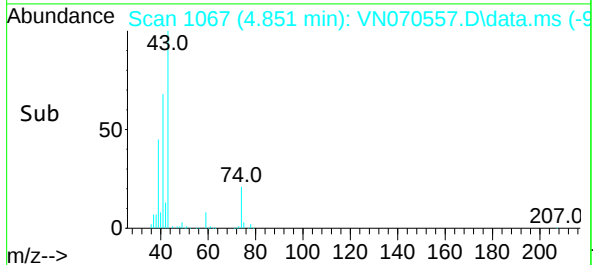
Reviewed By :John Carlone 01/11/2022
Supervised By :Mahesh Dadoda 01/12/2022

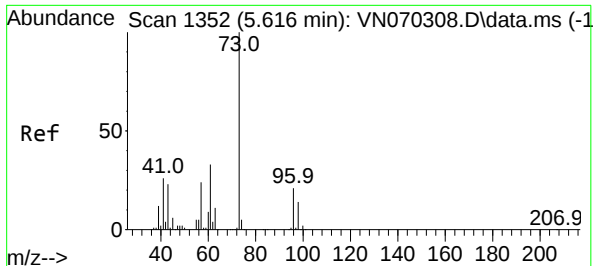


#18
Methyl Acetate
Concen: 45.677 ug/l
RT: 4.851 min Scan# 1067
Delta R.T. -0.003 min
Lab File: VN070557.D
Acq: 10 Jan 2022 21:06



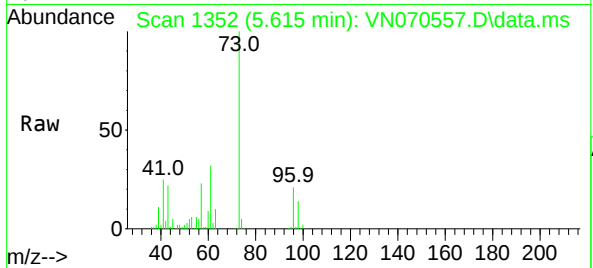
Tgt Ion: 43 Resp: 1313495
Ion Ratio Lower Upper
43 100
74 20.5 19.4 29.2





#19
Methyl tert-butyl Ether
Concen: 47.286 ug/l
RT: 5.615 min Scan# 1158
Delta R.T. -0.001 min
Lab File: VN070557.D
Acq: 10 Jan 2022 21:06

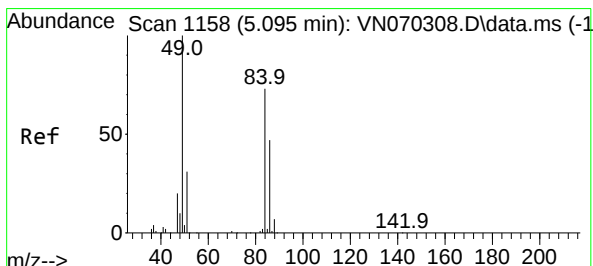
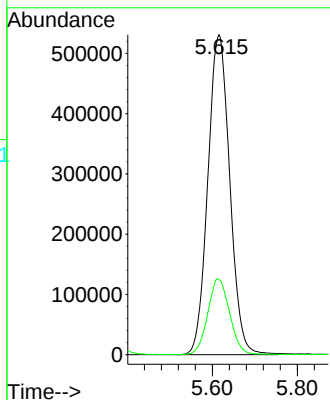
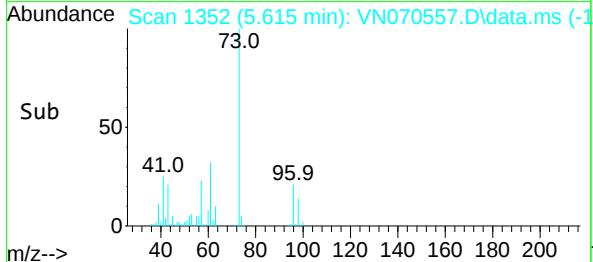
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 73 Resp: 1904830
Ion Ratio Lower Upper
73 100
57 23.4 16.8 25.2

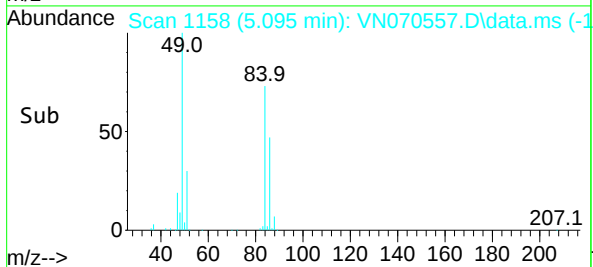
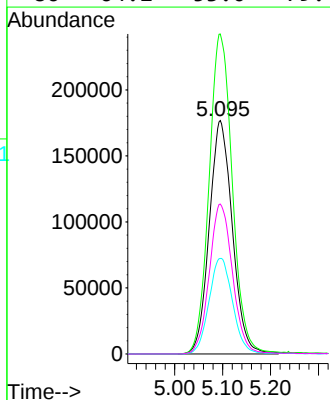
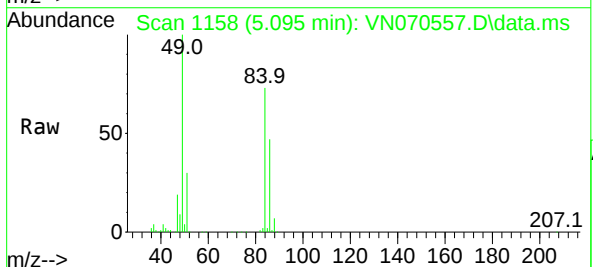
Manual Integrations
APPROVED

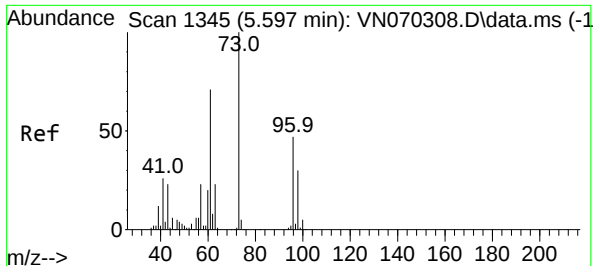
Reviewed By :John Carlone 01/11/2022
Supervised By :Mahesh Dadoda 01/12/2022



#20
Methylene Chloride
Concen: 43.049 ug/l
RT: 5.095 min Scan# 1158
Delta R.T. 0.000 min
Lab File: VN070557.D
Acq: 10 Jan 2022 21:06

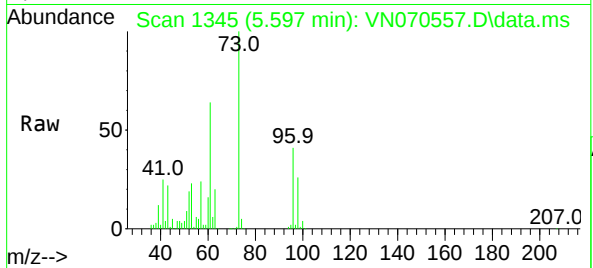
Tgt Ion: 84 Resp: 592096
Ion Ratio Lower Upper
84 100
49 137.1 93.5 140.3
51 41.0 29.4 44.2
86 64.2 53.0 79.4





#21
trans-1,2-Dichloroethene
Concen: 43.656 ug/l
RT: 5.597 min Scan# 1345
Delta R.T. -0.000 min
Lab File: VN070557.D
Acq: 10 Jan 2022 21:06

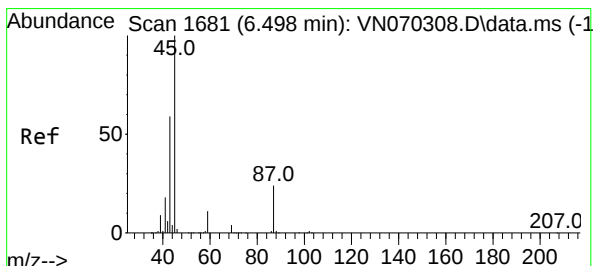
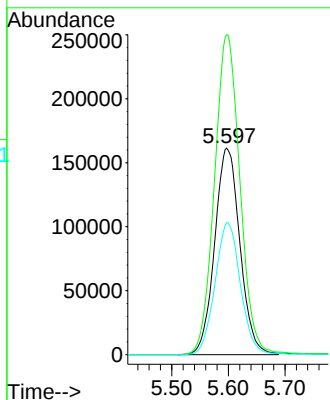
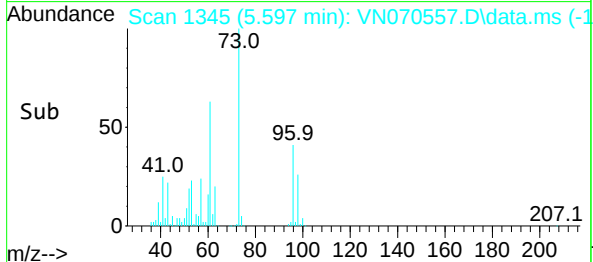
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



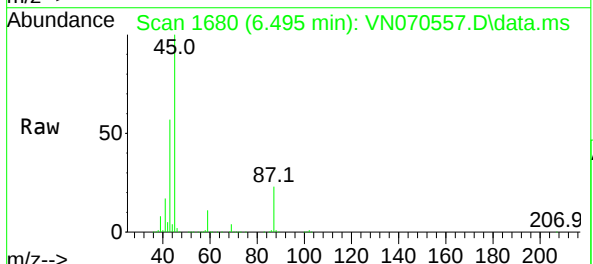
Tgt Ion: 96 Resp: 501390
Ion Ratio Lower Upper
96 100
61 155.0 105.8 158.6
98 63.9 52.0 78.0

Manual Integrations
APPROVED

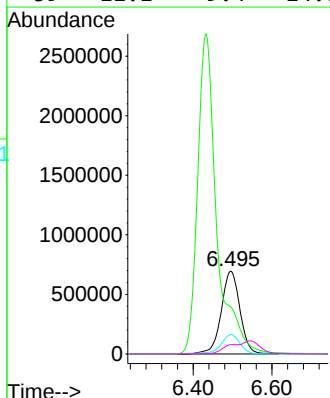
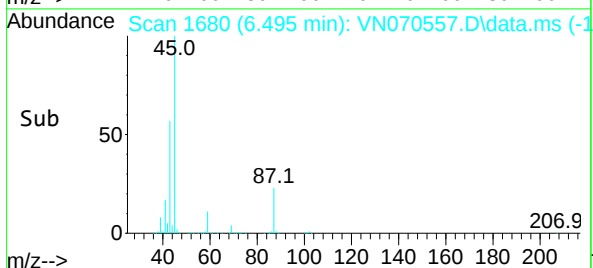
Reviewed By :John Carlone 01/11/2022
Supervised By :Mahesh Dadoda 01/12/2022

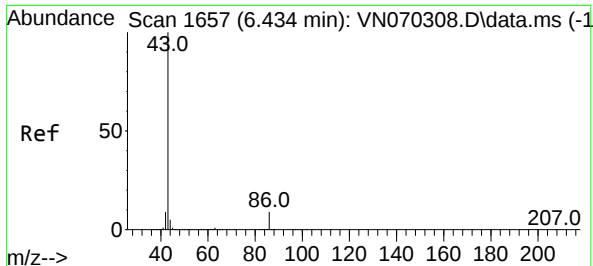


#22
Diisopropyl ether
Concen: 47.890 ug/l
RT: 6.495 min Scan# 1680
Delta R.T. -0.003 min
Lab File: VN070557.D
Acq: 10 Jan 2022 21:06



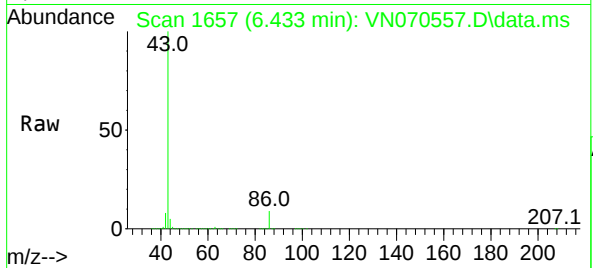
Tgt Ion: 45 Resp: 2294015
Ion Ratio Lower Upper
45 100
43 56.6 51.7 77.5
87 23.3 23.2 34.8
59 11.1 9.4 14.0





#23
 Vinyl Acetate
 Concen: 242.896 ug/l
 RT: 6.433 min Scan# 1657
 Delta R.T. -0.001 min
 Lab File: VN070557.D
 Acq: 10 Jan 2022 21:06

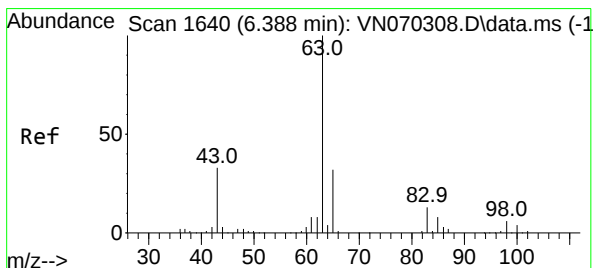
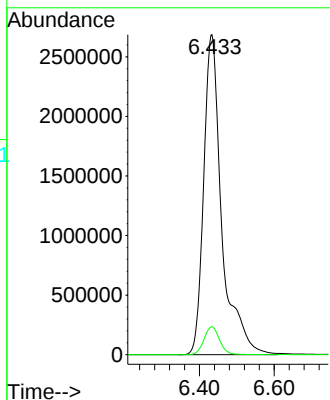
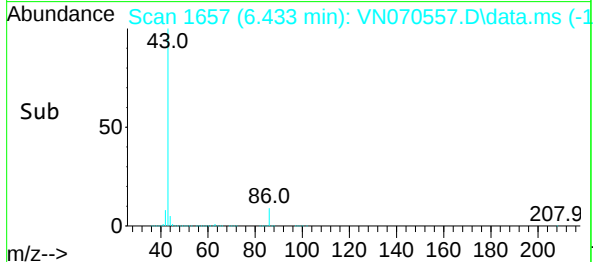
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



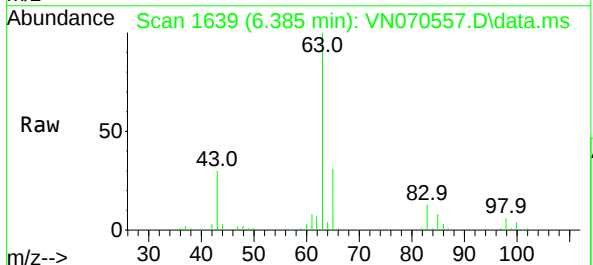
Tgt Ion: 43 Resp: 9027336
 Ion Ratio Lower Upper
 43 100
 86 8.8 8.5 12.7

Manual Integrations
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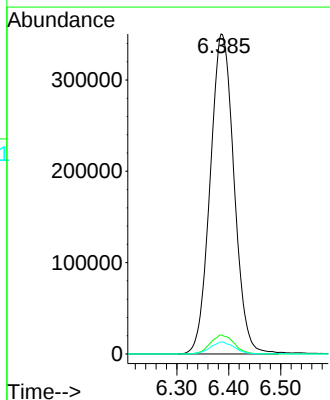
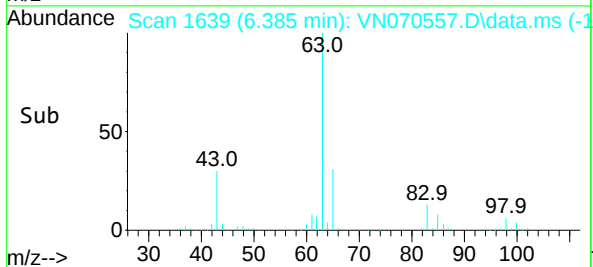
Reviewed By :John Carlone 01/11/2022
 Supervised By :Mahesh Dadoda 01/12/2022



#24
 1,1-Dichloroethane
 Concen: 45.075 ug/l
 RT: 6.385 min Scan# 1639
 Delta R.T. -0.003 min
 Lab File: VN070557.D
 Acq: 10 Jan 2022 21:06



Tgt Ion: 63 Resp: 1119550
 Ion Ratio Lower Upper
 63 100
 98 5.9 3.3 9.9
 100 3.7 2.1 6.5





#25

2-Butanone

Concen: 213.707 ug/l

RT: 7.332 min Scan# 1993

Delta R.T. -0.003 min

Lab File: VN070557.D

Acq: 10 Jan 2022 21:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 267494

Ion Ratio Lower Upper

43 100

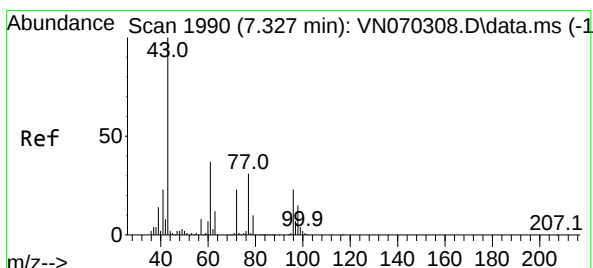
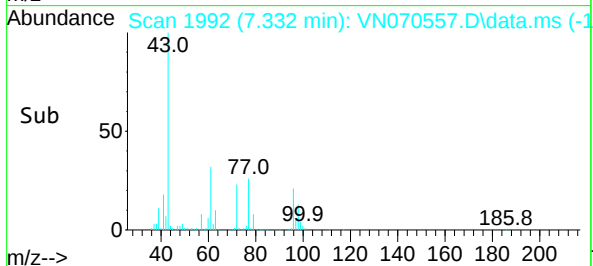
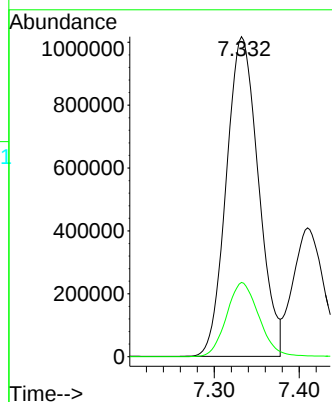
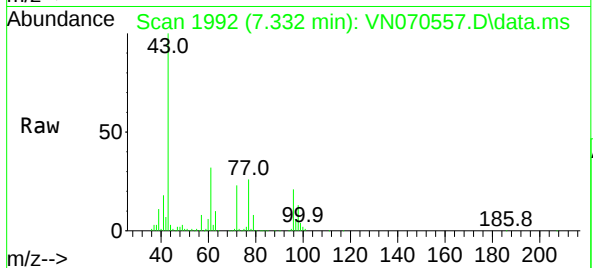
72 23.2 21.7 32.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/11/2022

Supervised By :Mahesh Dadoda 01/12/2022



#26

2,2-Dichloropropane

Concen: 41.901 ug/l

RT: 7.324 min Scan# 1989

Delta R.T. -0.003 min

Lab File: VN070557.D

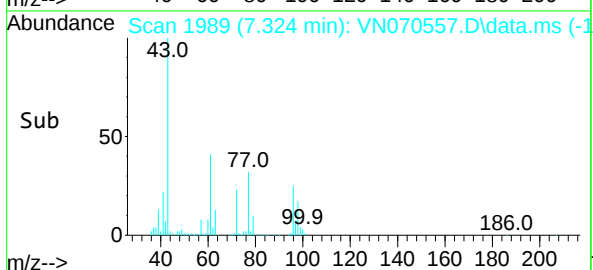
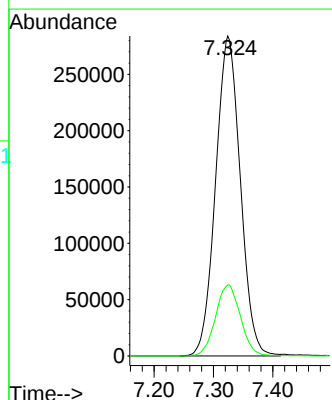
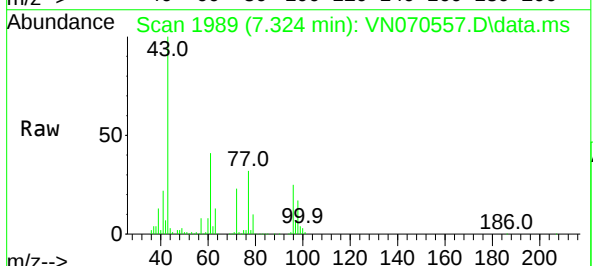
Acq: 10 Jan 2022 21:06

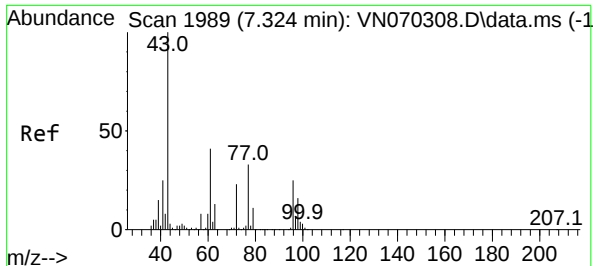
Tgt Ion: 77 Resp: 821019

Ion Ratio Lower Upper

77 100

97 22.5 11.6 34.8





#27

cis-1,2-Dichloroethene

Concen: 45.792 ug/l

RT: 7.324 min Scan# 1989

Delta R.T. -0.000 min

Lab File: VN070557.D

Acq: 10 Jan 2022 21:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 96 Resp: 627538

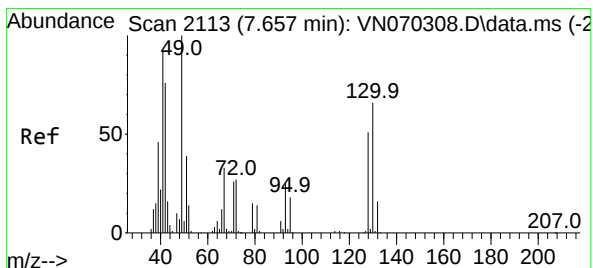
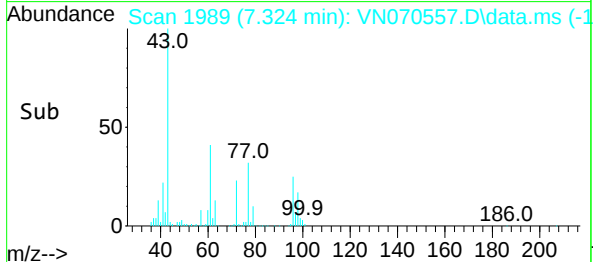
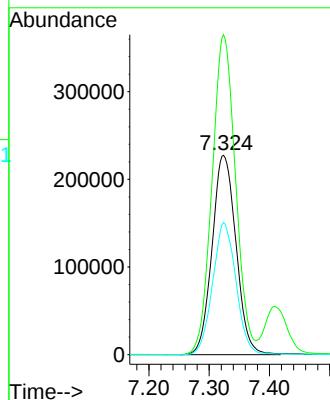
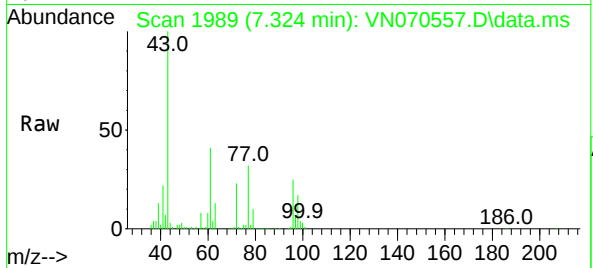
Ion	Ratio	Lower	Upper
96	100		
61	157.3	0.0	275.0
98	64.4	0.0	129.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/11/2022

Supervised By :Mahesh Dadoda 01/12/2022



#28

Bromochloromethane

Concen: 50.249 ug/l

RT: 7.656 min Scan# 2113

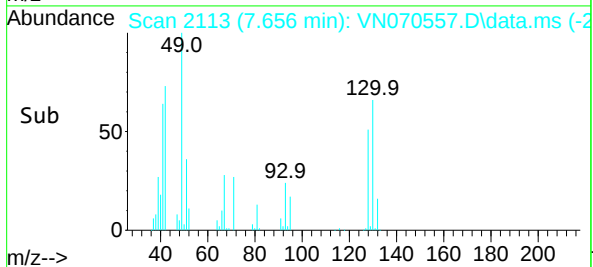
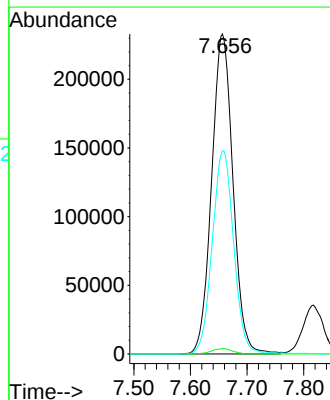
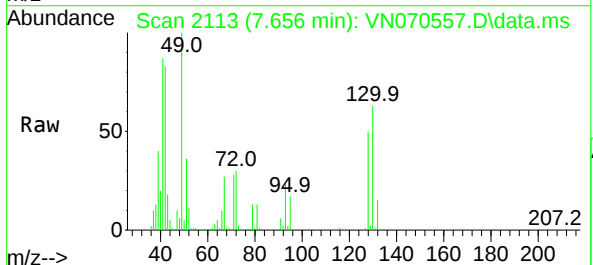
Delta R.T. -0.001 min

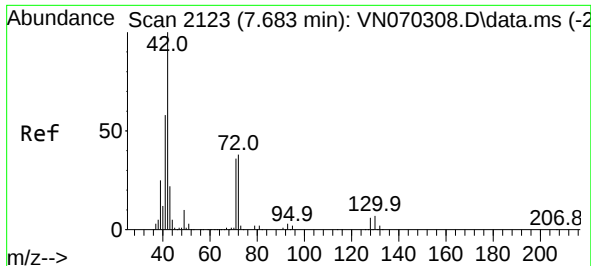
Lab File: VN070557.D

Acq: 10 Jan 2022 21:06

Tgt Ion: 49 Resp: 610369

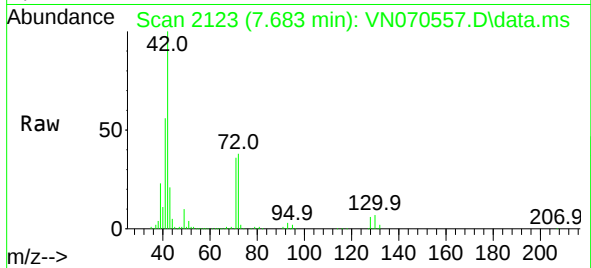
Ion	Ratio	Lower	Upper
49	100		
129	1.6	0.0	4.0
130	63.5	67.8	101.8





#29
Tetrahydrofuran
Concen: 234.599 ug/l
RT: 7.683 min Scan# 2123
Delta R.T. 0.000 min
Lab File: VN070557.D
Acq: 10 Jan 2022 21:06

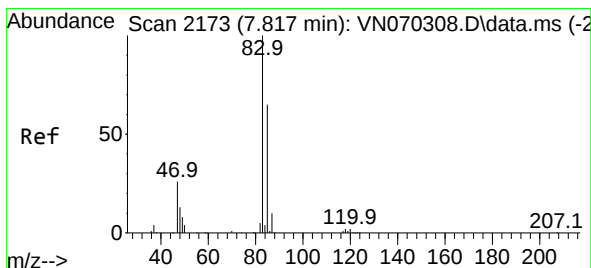
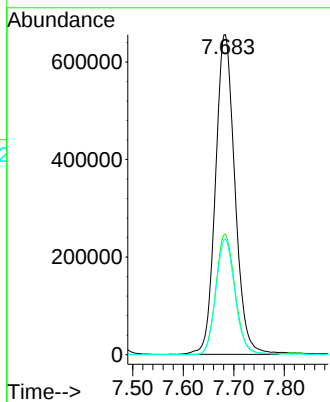
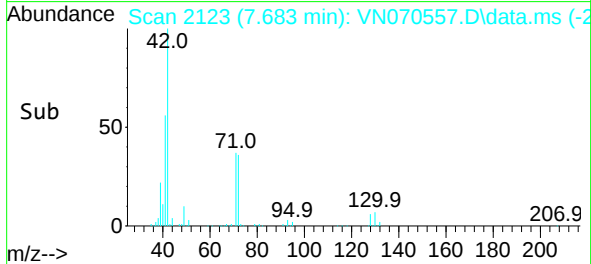
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



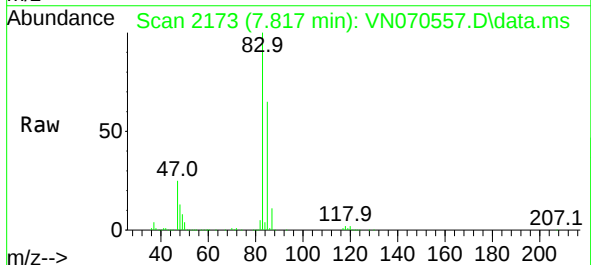
Tgt Ion: 42 Resp: 175198
Ion Ratio Lower Upper
42 100
72 37.3 36.3 54.5
71 35.7 34.7 52.1

Manual Integrations
APPROVED

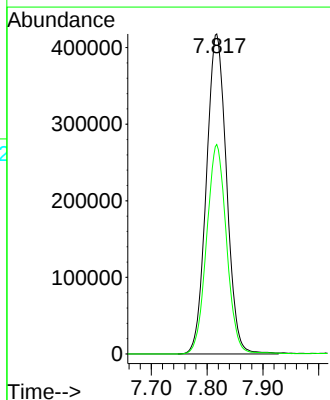
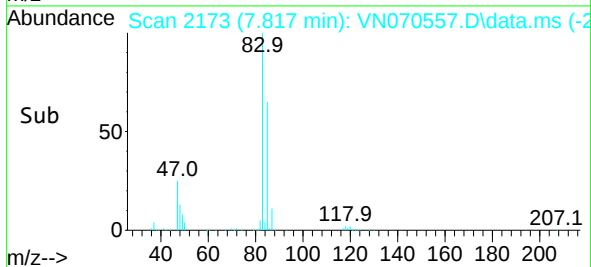
Reviewed By :John Carlone 01/11/2022
Supervised By :Mahesh Dadoda 01/12/2022

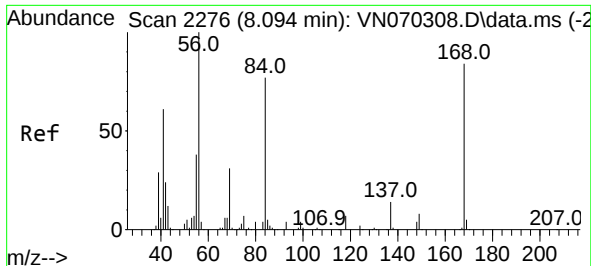


#30
Chloroform
Concen: 43.727 ug/l
RT: 7.817 min Scan# 2173
Delta R.T. 0.000 min
Lab File: VN070557.D
Acq: 10 Jan 2022 21:06



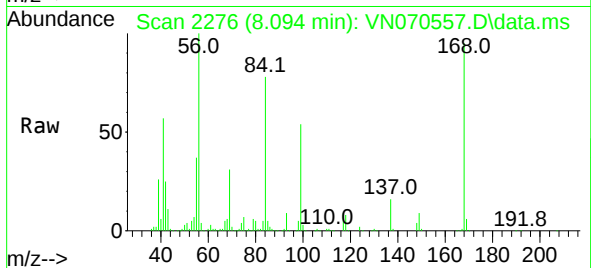
Tgt Ion: 83 Resp: 1047757
Ion Ratio Lower Upper
83 100
85 65.4 51.9 77.9





#31
Cyclohexane
Concen: 43.097 ug/l
RT: 8.094 min Scan# 2276
Delta R.T. -0.000 min
Lab File: VN070557.D
Acq: 10 Jan 2022 21:06

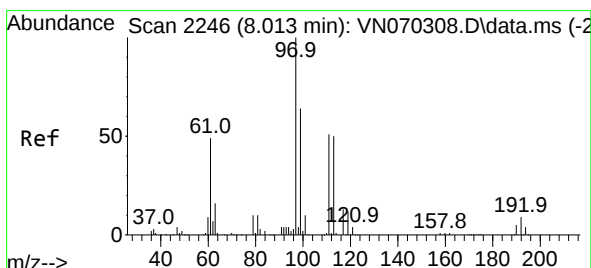
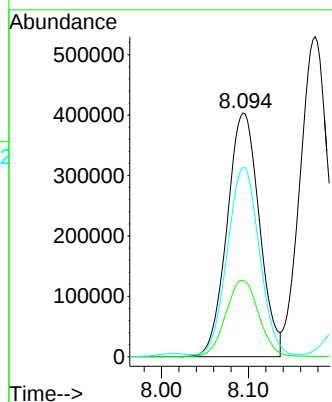
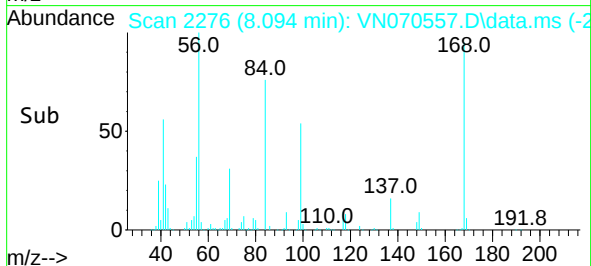
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 104146
Ion Ratio Lower Upper
56 100
69 31.3 27.1 40.7
84 76.4 73.4 110.0

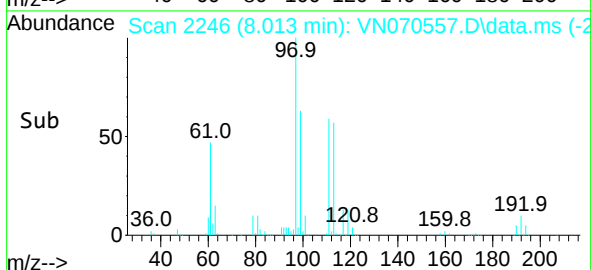
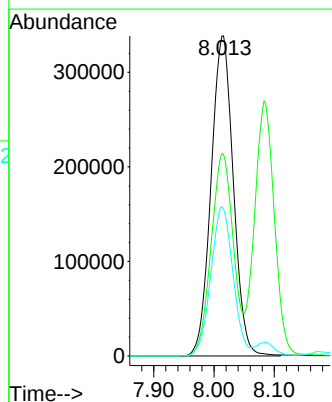
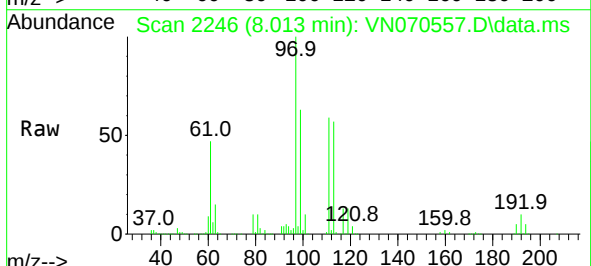
Manual Integrations
APPROVED

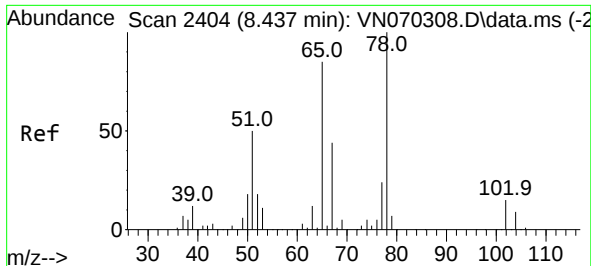
Reviewed By :John Carlone 01/11/2022
Supervised By :Mahesh Dadoda 01/12/2022



#32
1,1,1-Trichloroethane
Concen: 42.962 ug/l
RT: 8.013 min Scan# 2246
Delta R.T. 0.000 min
Lab File: VN070557.D
Acq: 10 Jan 2022 21:06

Tgt Ion: 97 Resp: 867997
Ion Ratio Lower Upper
97 100
99 62.6 50.1 75.1
61 46.6 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 44.405 ug/l

RT: 8.434 min Scan# 2404

Delta R.T. -0.003 min

Lab File: VN070557.D

Acq: 10 Jan 2022 21:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 680000

Ion Ratio Lower Upper

65 100

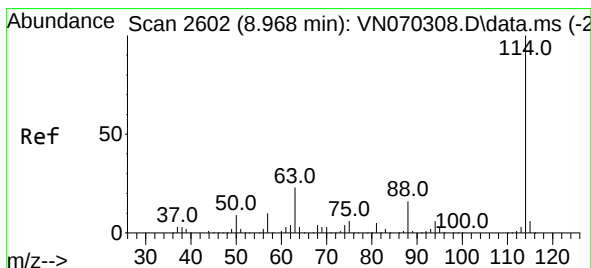
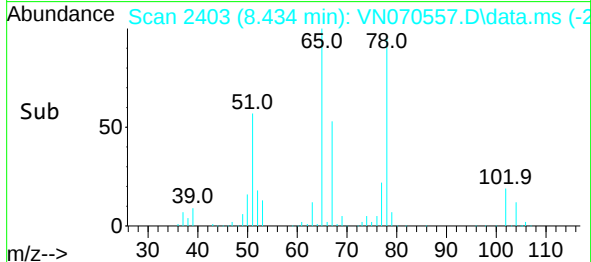
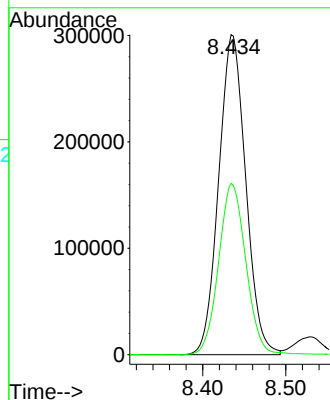
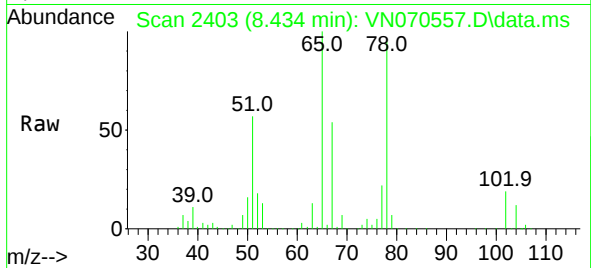
67 54.0 0.0 103.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/11/2022

Supervised By :Mahesh Dadoda 01/12/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.965 min Scan# 2601

Delta R.T. -0.003 min

Lab File: VN070557.D

Acq: 10 Jan 2022 21:06

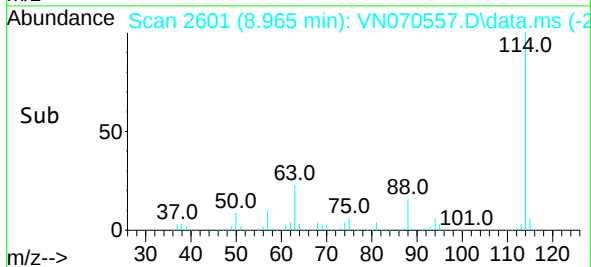
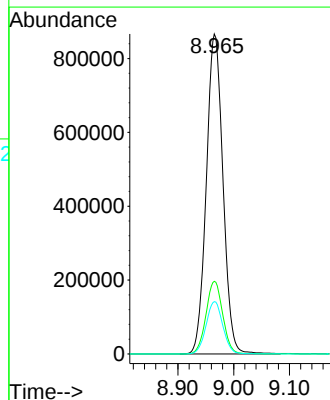
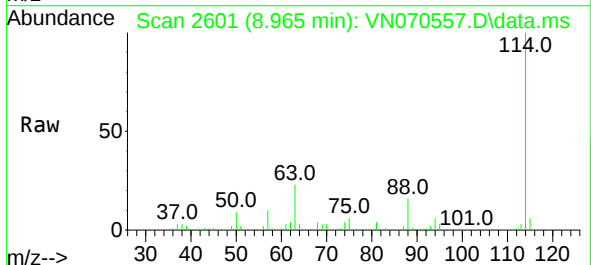
Tgt Ion:114 Resp: 1799174

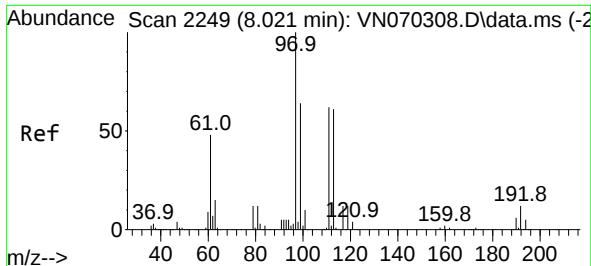
Ion Ratio Lower Upper

114 100

63 22.7 0.0 37.8

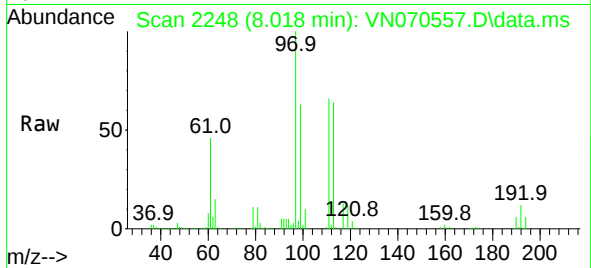
88 16.4 0.0 27.4





#35
Dibromofluoromethane
Concen: 46.731 ug/l
RT: 8.018 min Scan# 2249
Delta R.T. -0.003 min
Lab File: VN070557.D
Acq: 10 Jan 2022 21:06

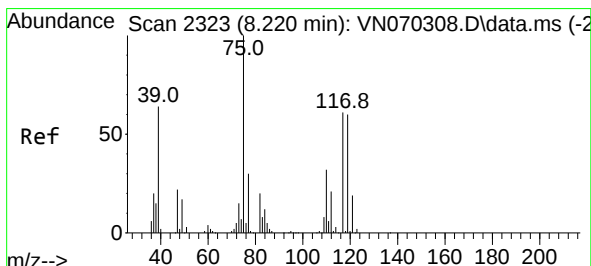
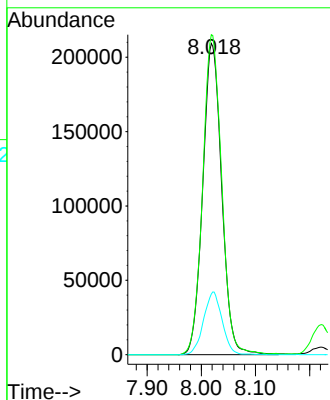
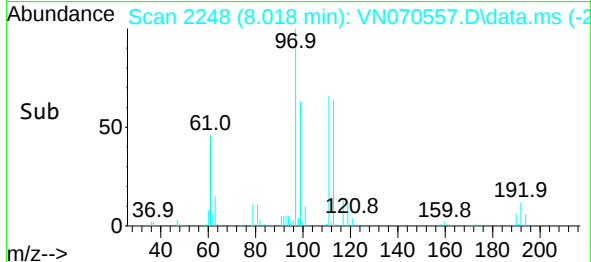
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 113 Resp: 508709
Ion Ratio Lower Upper
113 100
111 102.9 82.2 123.2
192 19.6 16.9 25.3

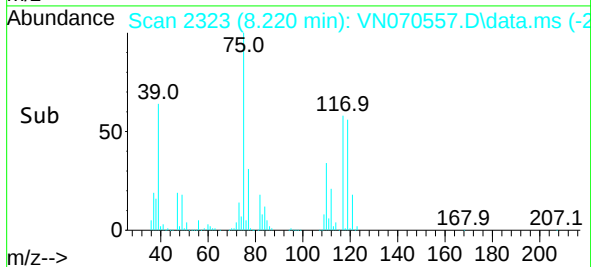
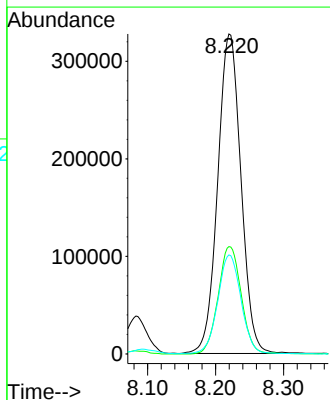
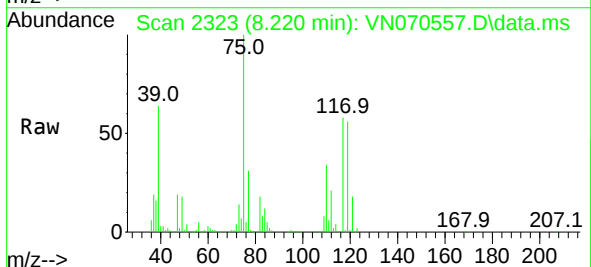
Manual Integrations
APPROVED

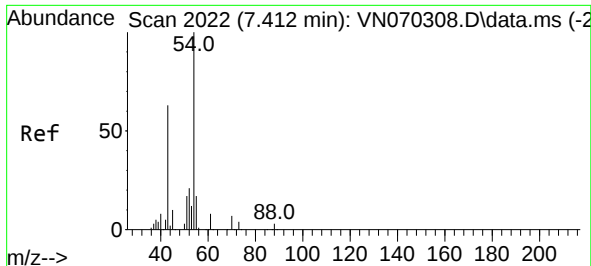
Reviewed By :John Carlone 01/11/2022
Supervised By :Mahesh Dadoda 01/12/2022



#36
1,1-Dichloropropene
Concen: 43.176 ug/l
RT: 8.220 min Scan# 2323
Delta R.T. -0.000 min
Lab File: VN070557.D
Acq: 10 Jan 2022 21:06

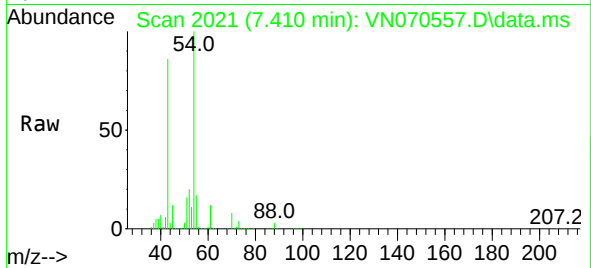
Tgt Ion: 75 Resp: 777523
Ion Ratio Lower Upper
75 100
110 33.5 18.4 55.2
77 31.1 24.4 36.6





#37
Ethyl Acetate
Concen: 45.522 ug/l
RT: 7.410 min Scan# 2022
Delta R.T. -0.002 min
Lab File: VN070557.D
Acq: 10 Jan 2022 21:06

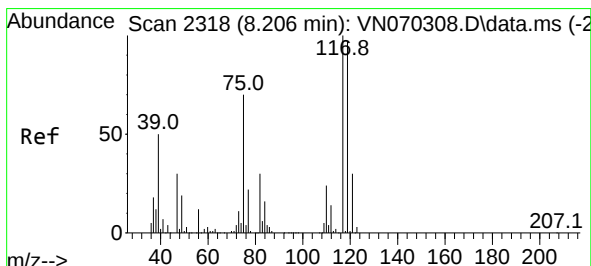
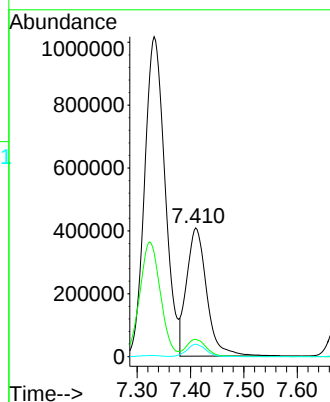
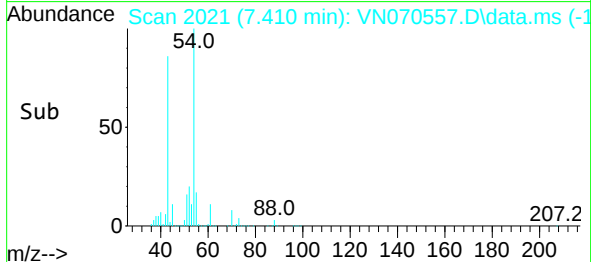
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 1062599
Ion Ratio Lower Upper
43 100
61 13.1 11.5 17.3
70 9.1 7.9 11.9

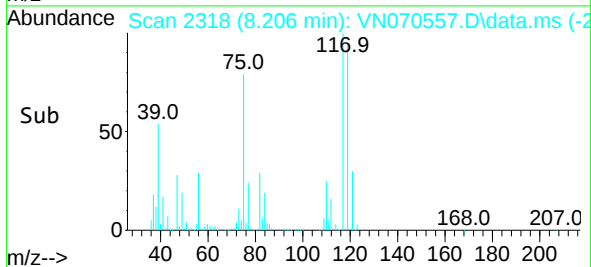
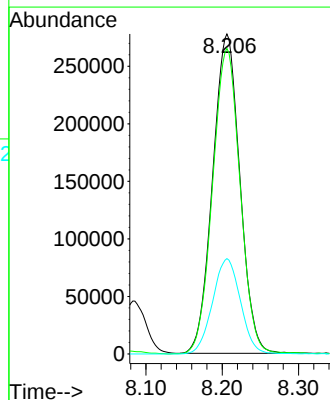
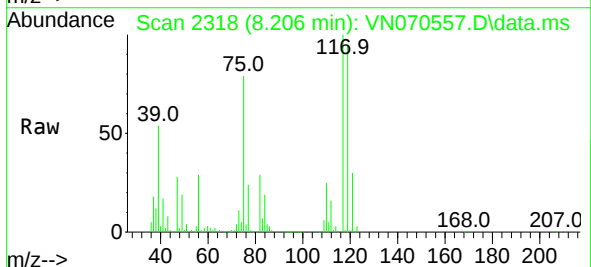
Manual Integrations
APPROVED

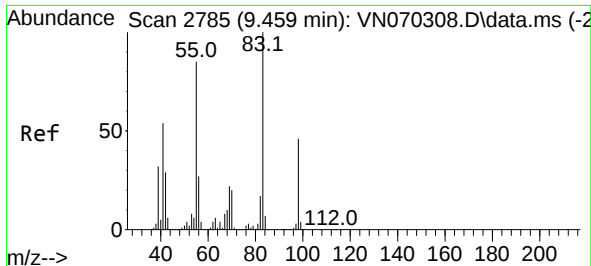
Reviewed By :John Carlone 01/11/2022
Supervised By :Mahesh Dadoda 01/12/2022



#38
Carbon Tetrachloride
Concen: 39.960 ug/l
RT: 8.206 min Scan# 2318
Delta R.T. 0.000 min
Lab File: VN070557.D
Acq: 10 Jan 2022 21:06

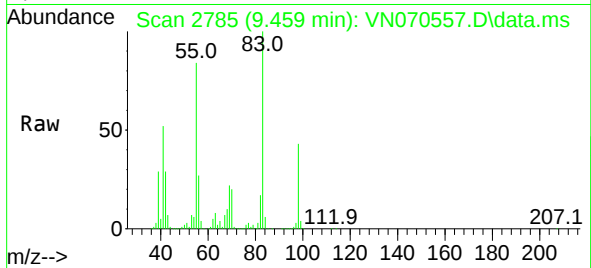
Tgt Ion:117 Resp: 687152
Ion Ratio Lower Upper
117 100
119 95.5 76.1 114.1
121 29.9 24.2 36.2





#39
Methylcyclohexane
Concen: 43.002 ug/l
RT: 9.459 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN070557.D
Acq: 10 Jan 2022 21:06

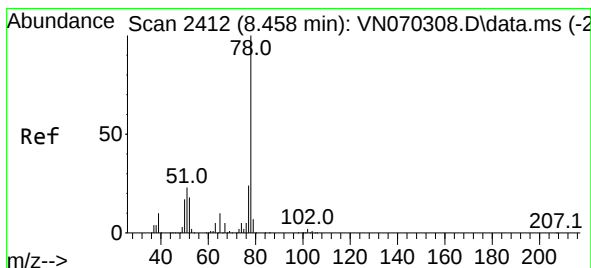
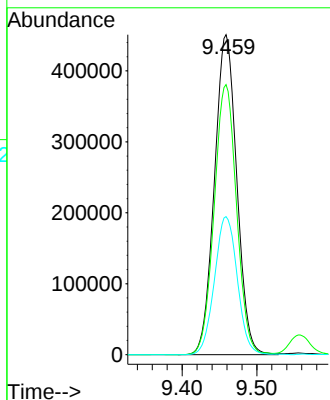
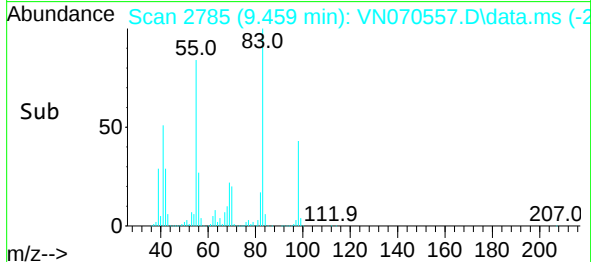
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 937520
Ion Ratio Lower Upper
83 100
55 84.4 58.1 87.1
98 43.1 38.4 57.6

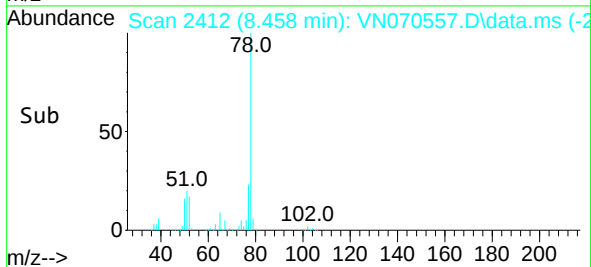
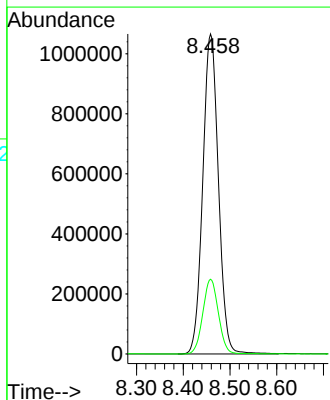
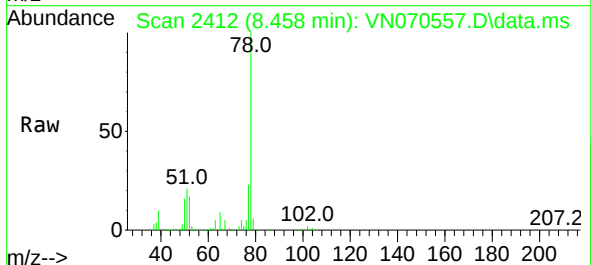
Manual Integrations
APPROVED

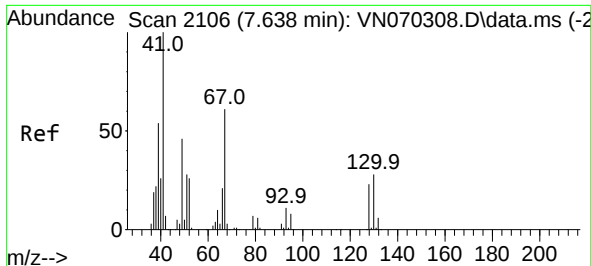
Reviewed By :John Carlone 01/11/2022
Supervised By :Mahesh Dadoda 01/12/2022



#40
Benzene
Concen: 44.894 ug/l
RT: 8.458 min Scan# 2412
Delta R.T. 0.000 min
Lab File: VN070557.D
Acq: 10 Jan 2022 21:06

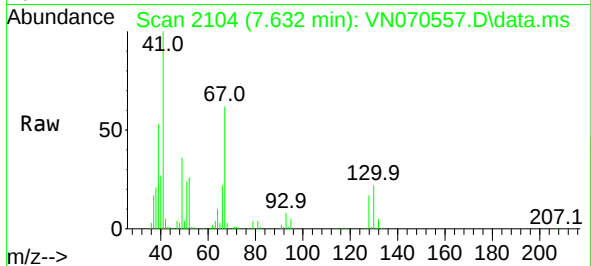
Tgt Ion: 78 Resp: 2478538
Ion Ratio Lower Upper
78 100
77 23.3 18.6 27.8





#41
Methacrylonitrile
Concen: 46.404 ug/l
RT: 7.632 min Scan# 2106
Delta R.T. -0.006 min
Lab File: VN070557.D
Acq: 10 Jan 2022 21:06

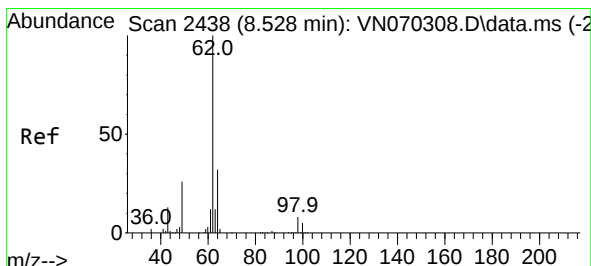
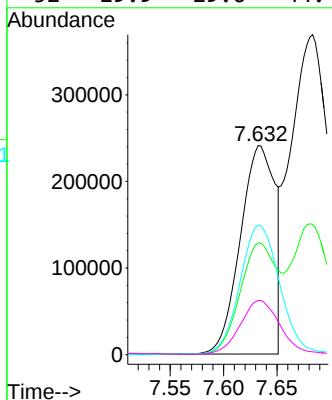
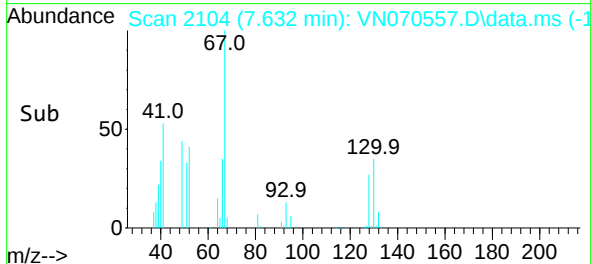
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 41 Resp: 541784
Ion Ratio Lower Upper
41 100
39 58.7 48.1 72.1
67 70.5 68.3 102.5
52 29.9 29.6 44.4

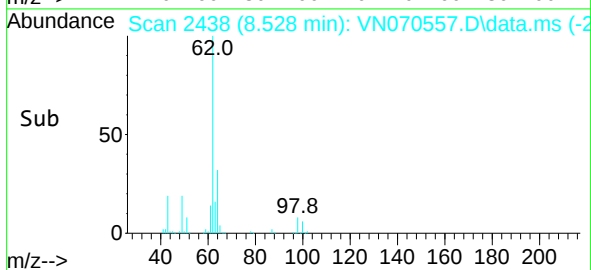
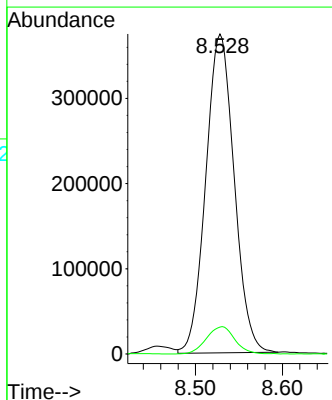
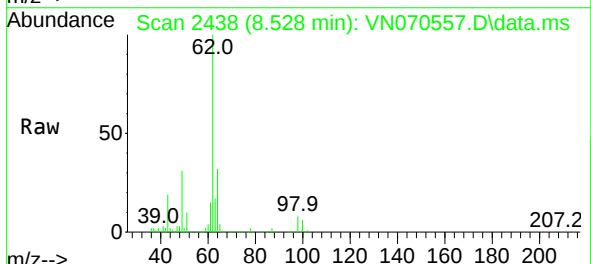
Manual Integrations
APPROVED

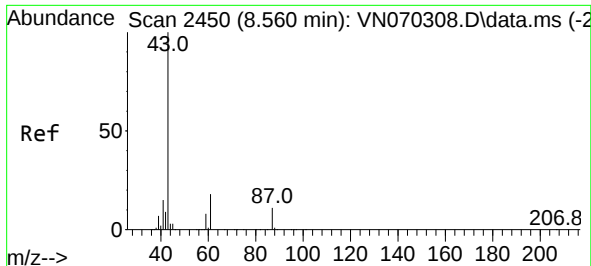
Reviewed By :John Carlone 01/11/2022
Supervised By :Mahesh Dadoda 01/12/2022



#42
1,2-Dichloroethane
Concen: 40.896 ug/l
RT: 8.528 min Scan# 2438
Delta R.T. 0.000 min
Lab File: VN070557.D
Acq: 10 Jan 2022 21:06

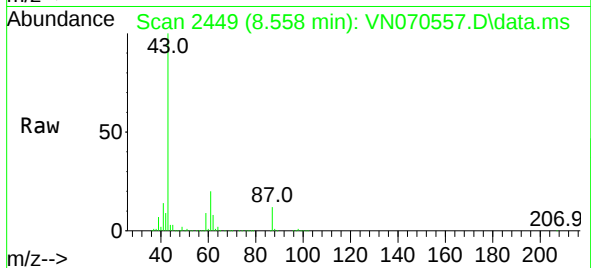
Tgt Ion: 62 Resp: 848663
Ion Ratio Lower Upper
62 100
98 8.6 0.0 17.6





#43
Isopropyl Acetate
Concen: 46.697 ug/l
RT: 8.558 min Scan# 2449
Delta R.T. -0.002 min
Lab File: VN070557.D
Acq: 10 Jan 2022 21:06

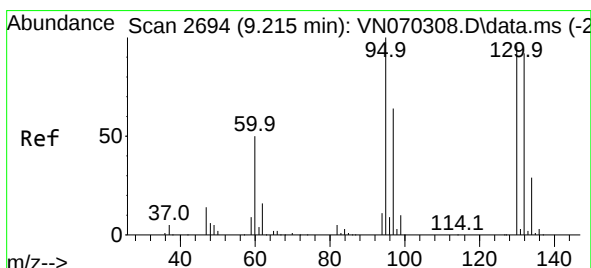
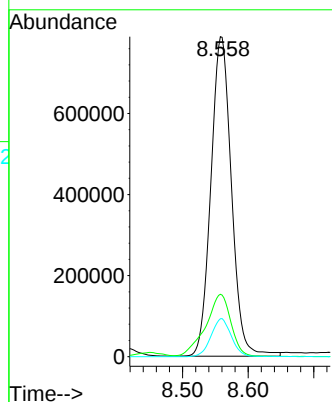
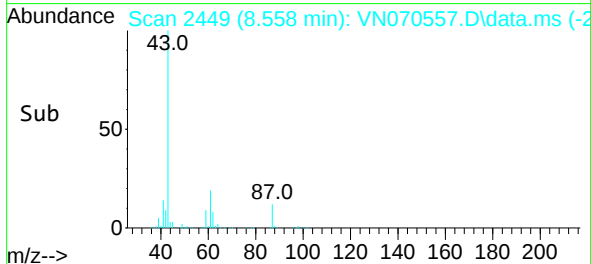
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 171853
Ion Ratio Lower Upper
43 100
61 24.0 20.4 30.6
87 11.7 11.2 16.8

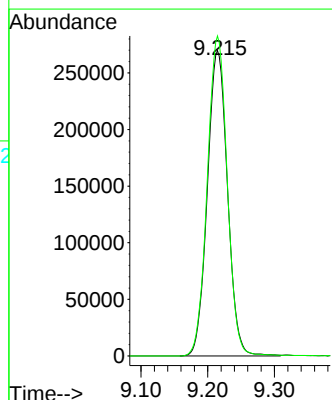
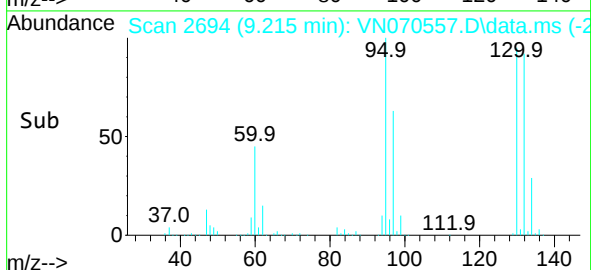
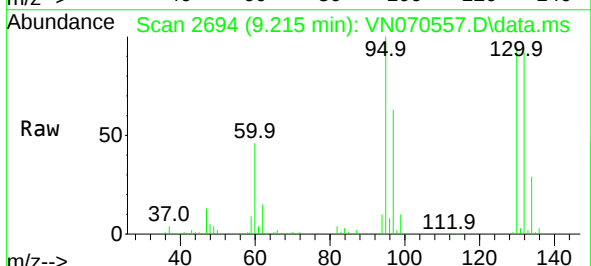
Manual Integrations
APPROVED

Reviewed By :John Carlone 01/11/2022
Supervised By :Mahesh Dadoda 01/12/2022



#44
Trichloroethene
Concen: 43.098 ug/l
RT: 9.215 min Scan# 2694
Delta R.T. -0.000 min
Lab File: VN070557.D
Acq: 10 Jan 2022 21:06

Tgt Ion:130 Resp: 565367
Ion Ratio Lower Upper
130 100
95 104.7 0.0 191.2





#45

1,2-Dichloropropane

Concen: 46.835 ug/l

RT: 9.488 min Scan# 2796

Delta R.T. 0.000 min

Lab File: VN070557.D

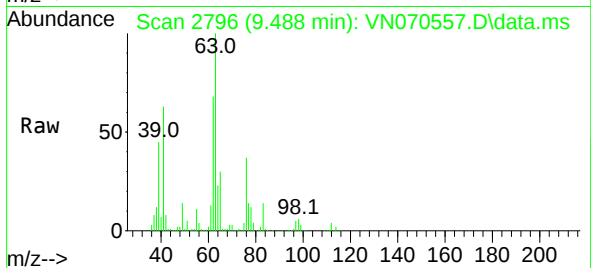
Acq: 10 Jan 2022 21:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



Tgt Ion: 63 Resp: 696189

Ion Ratio Lower Upper

63 100

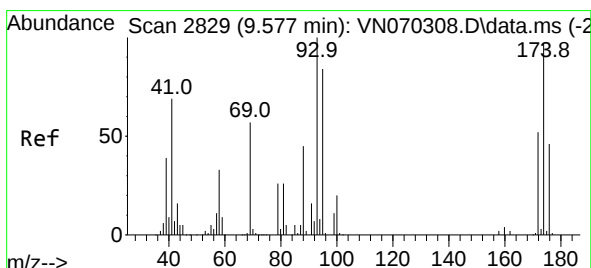
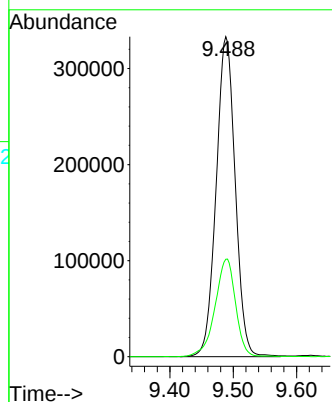
65 30.4 24.7 37.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/11/2022

Supervised By :Mahesh Dadoda 01/12/2022



#46

Dibromomethane

Concen: 43.492 ug/l

RT: 9.574 min Scan# 2828

Delta R.T. -0.003 min

Lab File: VN070557.D

Acq: 10 Jan 2022 21:06

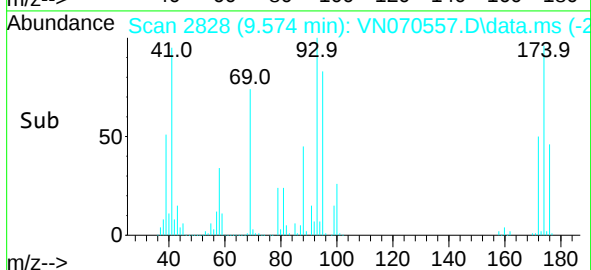
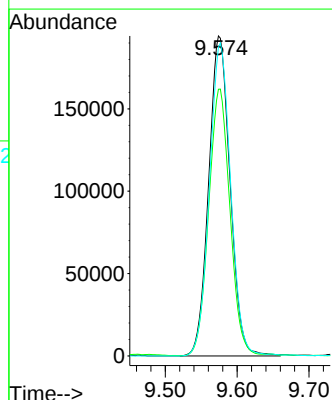
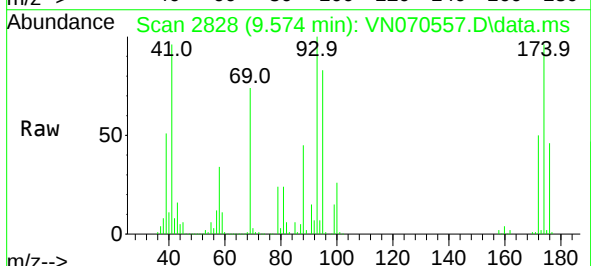
Tgt Ion: 93 Resp: 402009

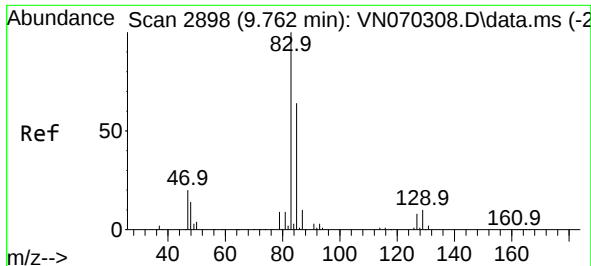
Ion Ratio Lower Upper

93 100

95 82.8 65.9 98.9

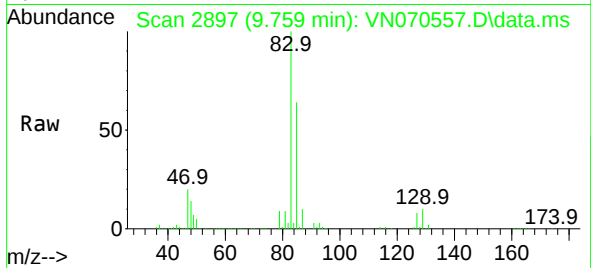
174 96.9 84.6 127.0





#47
Bromodichloromethane
Concen: 43.795 ug/l
RT: 9.759 min Scan# 2897
Delta R.T. -0.003 min
Lab File: VN070557.D
Acq: 10 Jan 2022 21:06

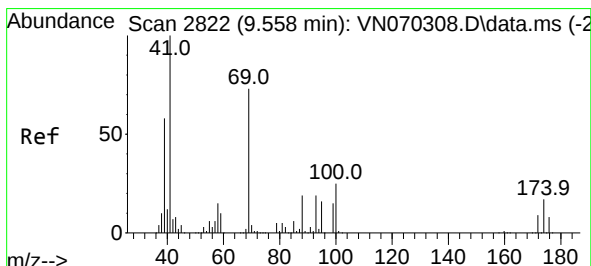
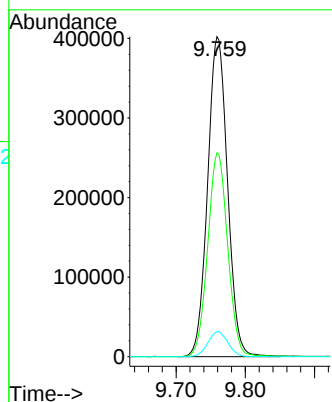
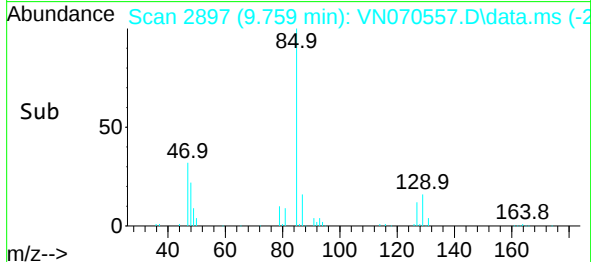
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



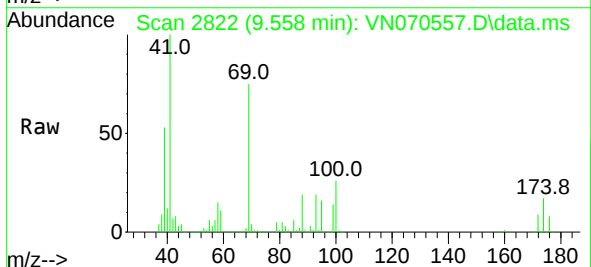
Tgt Ion: 83 Resp: 80378
Ion Ratio Lower Upper
83 100
85 63.7 50.9 76.3
127 7.8 7.1 10.7

Manual Integrations
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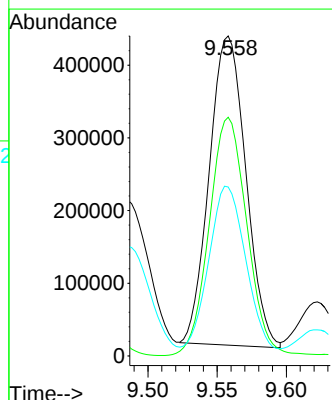
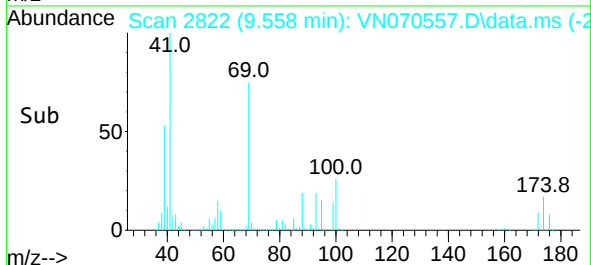
Reviewed By :John Carlone 01/11/2022
Supervised By :Mahesh Dadoda 01/12/2022

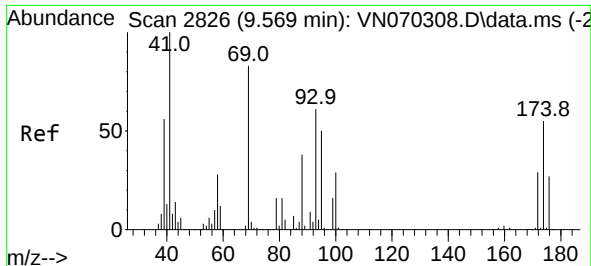


#48
Methyl methacrylate
Concen: 44.524 ug/l
RT: 9.558 min Scan# 2822
Delta R.T. -0.000 min
Lab File: VN070557.D
Acq: 10 Jan 2022 21:06



Tgt Ion: 41 Resp: 781581
Ion Ratio Lower Upper
41 100
69 79.5 72.4 108.6
39 56.6 58.4 87.6





#49

1,4-Dioxane

Concen: 842.387 ug/l

RT: 9.566 min Scan# 216462

Delta R.T. -0.003 min

Lab File: VN070557.D

Acq: 10 Jan 2022 21:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 88 Resp: 216462

Ion Ratio Lower Upper

88 100

43 34.5 23.4 35.2

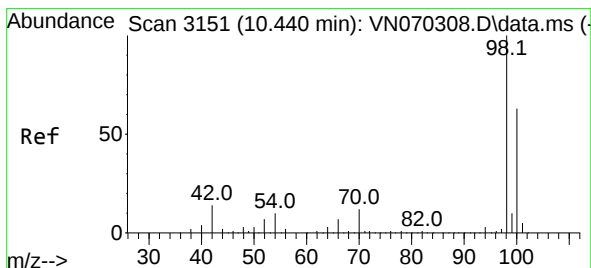
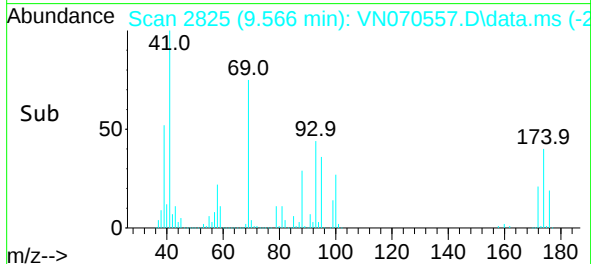
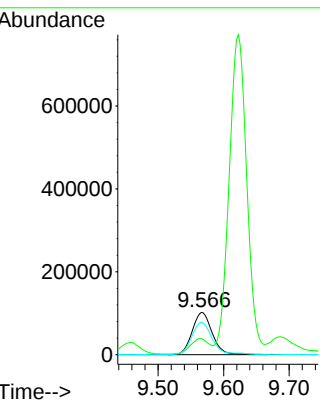
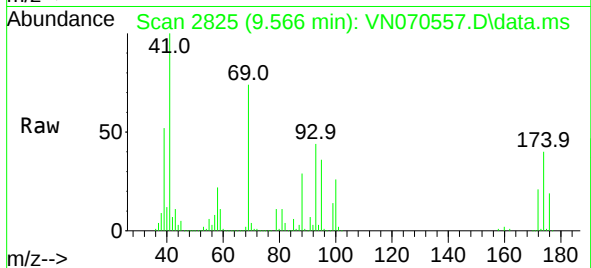
58 76.6 50.6 75.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/11/2022

Supervised By :Mahesh Dadoda 01/12/2022



#50

Toluene-d8

Concen: 46.125 ug/l

RT: 10.440 min Scan# 3151

Delta R.T. 0.000 min

Lab File: VN070557.D

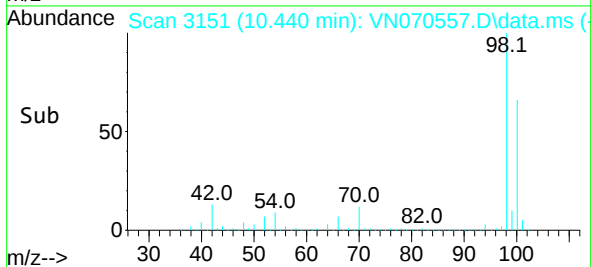
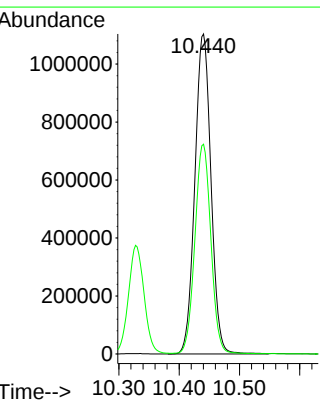
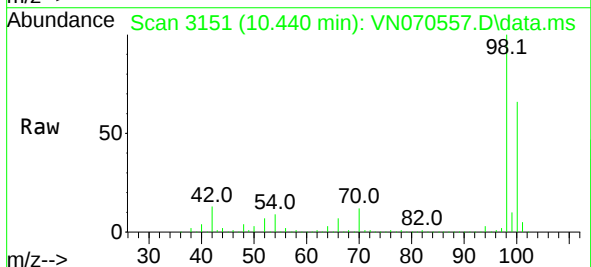
Acq: 10 Jan 2022 21:06

Tgt Ion: 98 Resp: 2051183

Ion Ratio Lower Upper

98 100

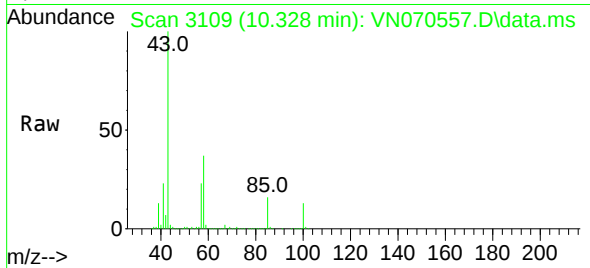
100 64.8 50.4 75.6





#51
4-Methyl-2-Pentanone
Concen: 235.246 ug/l
RT: 10.328 min Scan# 3110
Delta R.T. -0.002 min
Lab File: VN070557.D
Acq: 10 Jan 2022 21:06

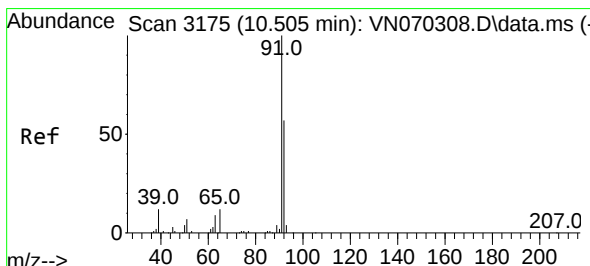
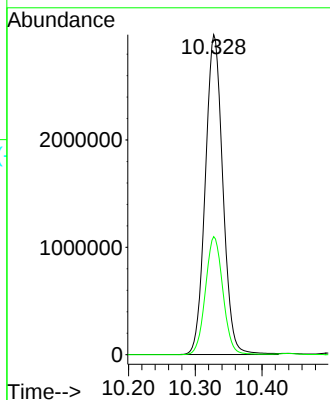
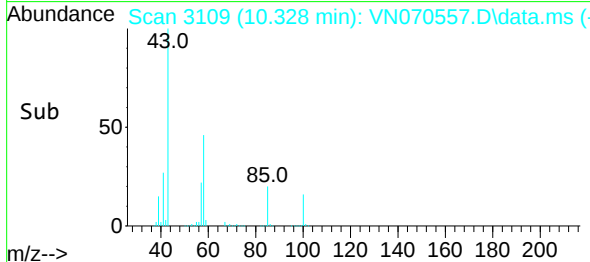
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 5440079
Ion Ratio Lower Upper
43 100
58 36.8 30.4 45.6

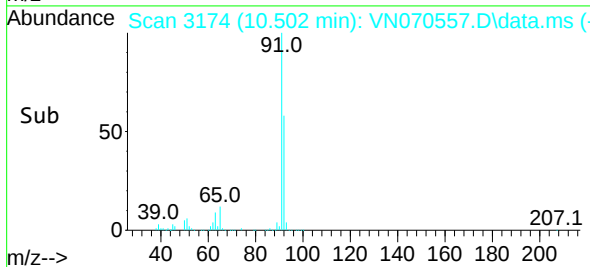
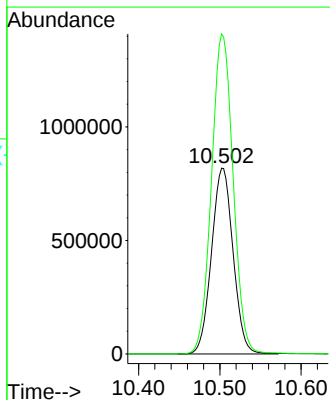
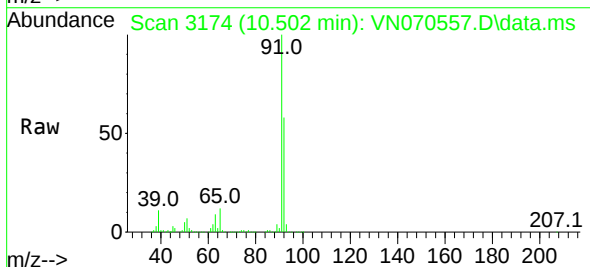
Manual Integrations
APPROVED

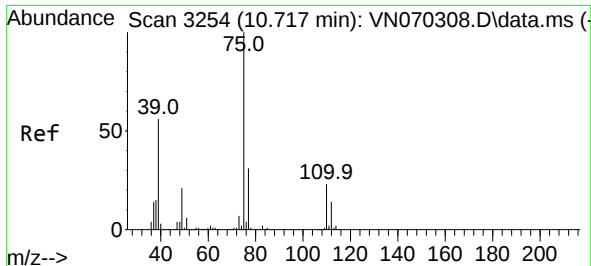
Reviewed By :John Carlone 01/11/2022
Supervised By :Mahesh Dadoda 01/12/2022



#52
Toluene
Concen: 45.150 ug/l
RT: 10.502 min Scan# 3174
Delta R.T. -0.003 min
Lab File: VN070557.D
Acq: 10 Jan 2022 21:06

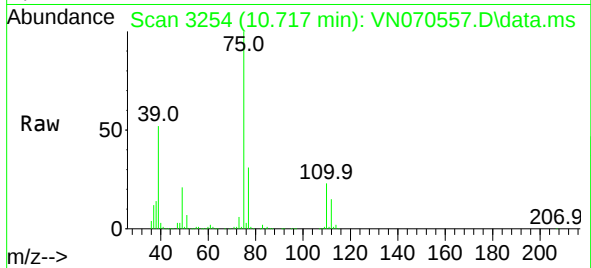
Tgt Ion: 92 Resp: 1508818
Ion Ratio Lower Upper
92 100
91 173.3 142.0 213.0





#53
t-1,3-Dichloropropene
Concen: 46.548 ug/l
RT: 10.717 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN070557.D
Acq: 10 Jan 2022 21:06

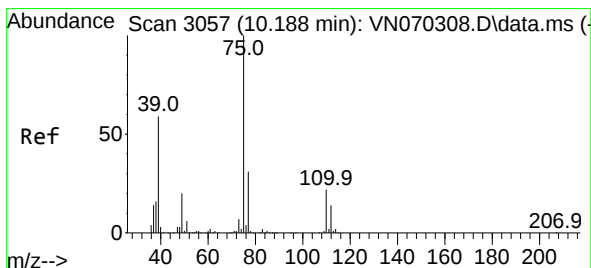
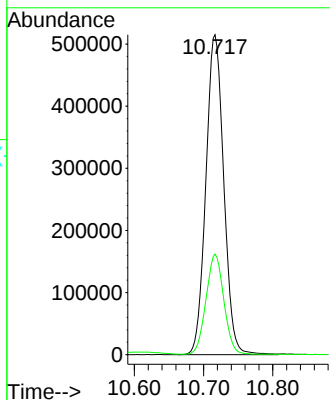
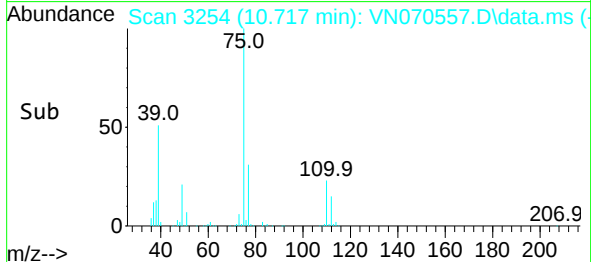
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 924864
Ion Ratio Lower Upper
75 100
77 31.3 25.6 38.4

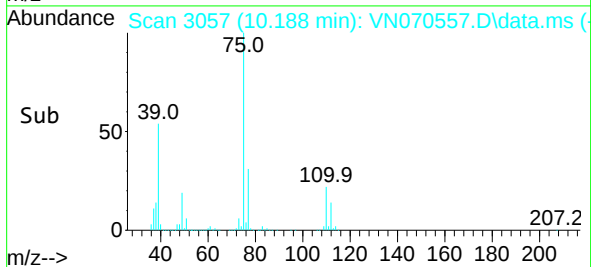
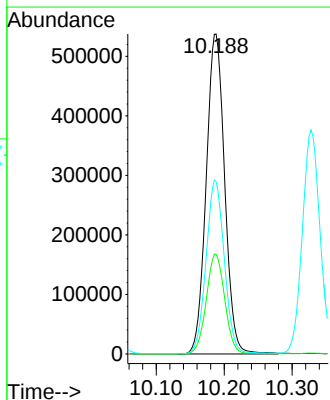
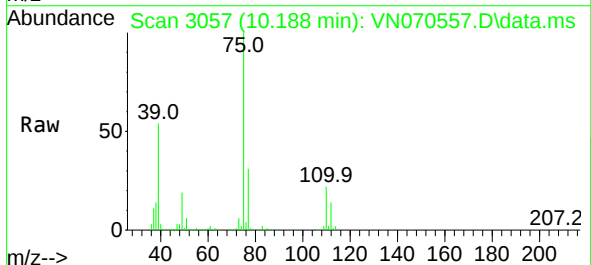
Manual Integrations
APPROVED

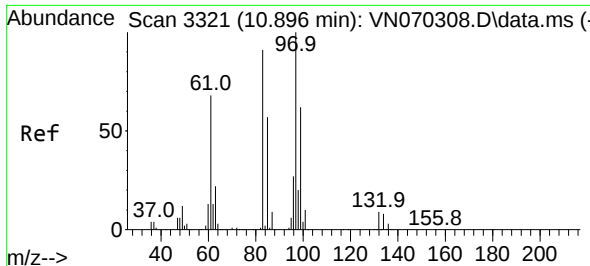
Reviewed By :John Carlone 01/11/2022
Supervised By :Mahesh Dadoda 01/12/2022



#54
cis-1,3-Dichloropropene
Concen: 47.263 ug/l
RT: 10.188 min Scan# 3057
Delta R.T. 0.000 min
Lab File: VN070557.D
Acq: 10 Jan 2022 21:06

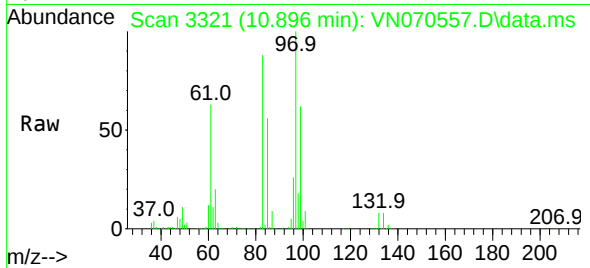
Tgt Ion: 75 Resp: 1015844
Ion Ratio Lower Upper
75 100
77 31.2 26.4 39.6
39 53.8 42.5 63.7





#55
1,1,2-Trichloroethane
Concen: 45.665 ug/l
RT: 10.896 min Scan# 3321
Delta R.T. 0.000 min
Lab File: VN070557.D
Acq: 10 Jan 2022 21:06

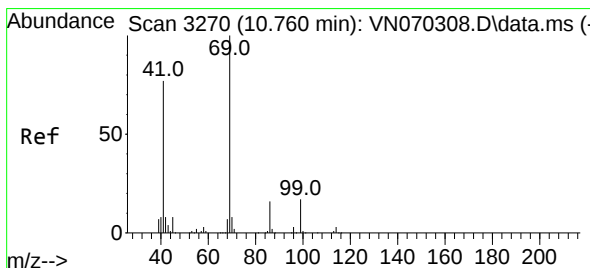
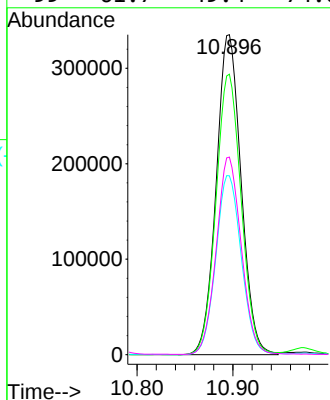
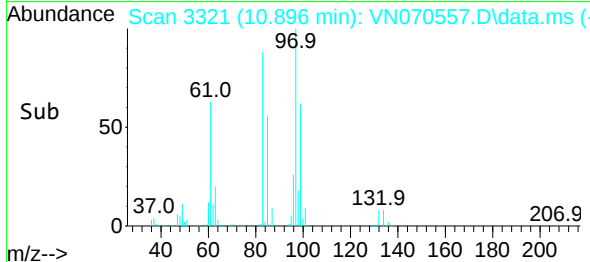
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 97 Resp: 603780
Ion Ratio Lower Upper
97 100
83 87.6 67.8 101.6
85 55.9 45.4 68.2
99 61.7 49.4 74.0

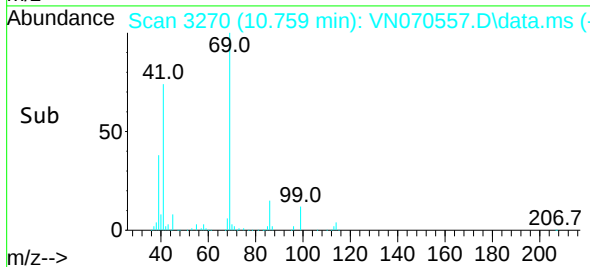
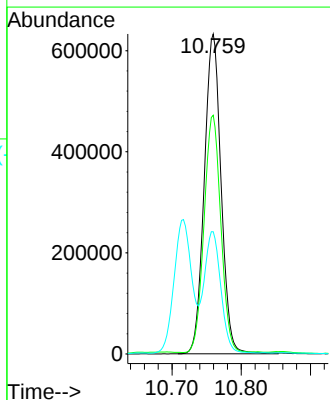
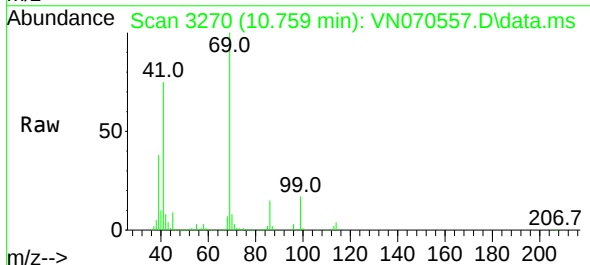
Manual Integrations
APPROVED

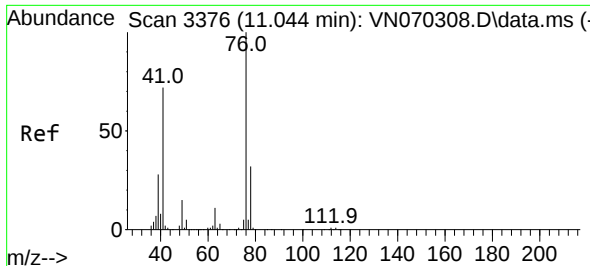
Reviewed By :John Carlone 01/11/2022
Supervised By :Mahesh Dadoda 01/12/2022



#56
Ethyl methacrylate
Concen: 48.936 ug/l
RT: 10.759 min Scan# 3270
Delta R.T. -0.001 min
Lab File: VN070557.D
Acq: 10 Jan 2022 21:06

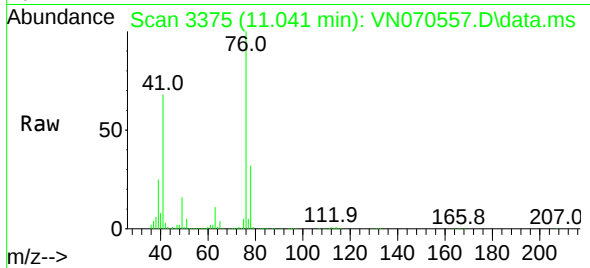
Tgt Ion: 69 Resp: 1069108
Ion Ratio Lower Upper
69 100
41 74.0 51.4 77.0
39 37.4 34.6 52.0





#57
1,3-Dichloropropane
Concen: 46.100 ug/l
RT: 11.041 min Scan# 31
Delta R.T. -0.003 min
Lab File: VN070557.D
Acq: 10 Jan 2022 21:06

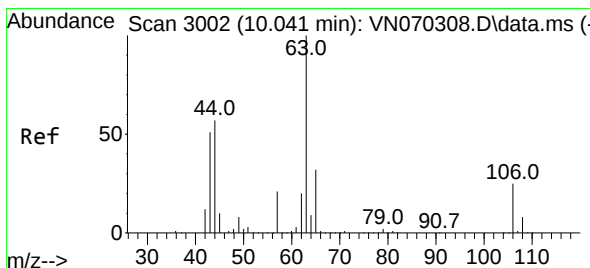
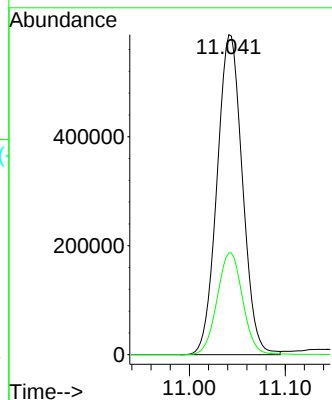
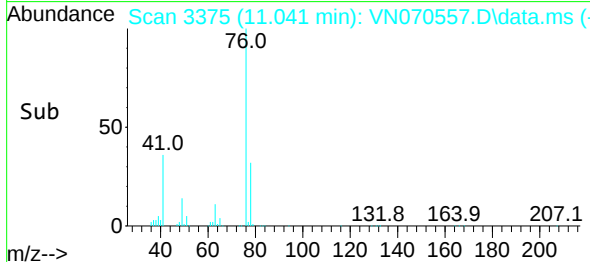
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 1078094
Ion Ratio Lower Upper
76 100
78 32.0 25.7 38.5

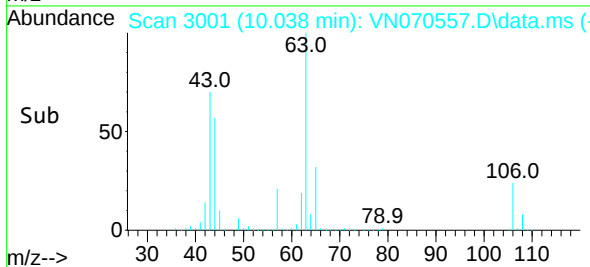
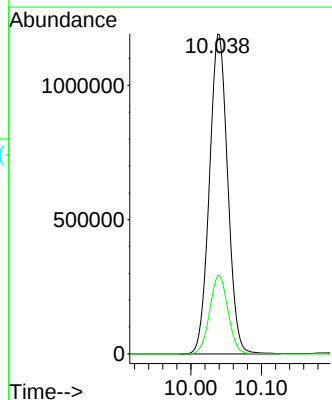
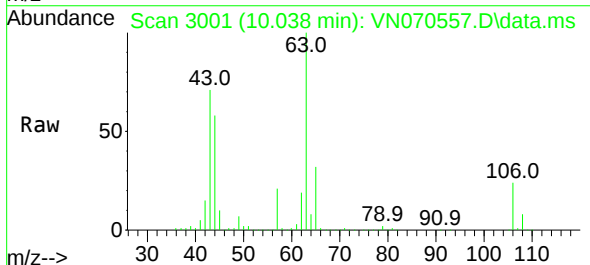
Manual Integrations
APPROVED

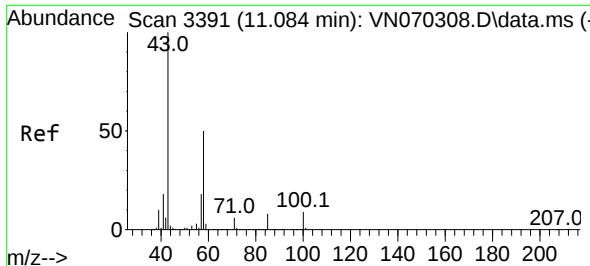
Reviewed By :John Carlone 01/11/2022
Supervised By :Mahesh Dadoda 01/12/2022



#58
2-Chloroethyl Vinyl ether
Concen: 374.546 ug/l
RT: 10.038 min Scan# 3001
Delta R.T. -0.003 min
Lab File: VN070557.D
Acq: 10 Jan 2022 21:06

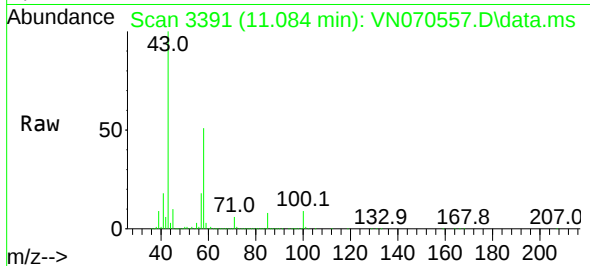
Tgt Ion: 63 Resp: 2145715
Ion Ratio Lower Upper
63 100
106 24.7 23.9 35.9





#59
2-Hexanone
Concen: 253.424 ug/l
RT: 11.084 min Scan# 3391
Delta R.T. -0.000 min
Lab File: VN070557.D
Acq: 10 Jan 2022 21:06

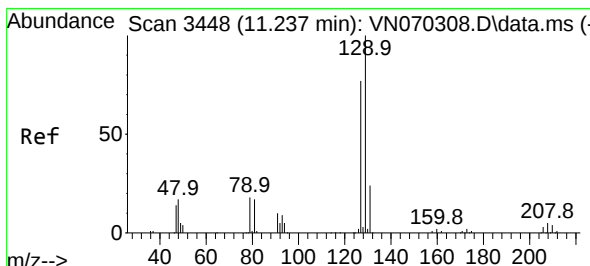
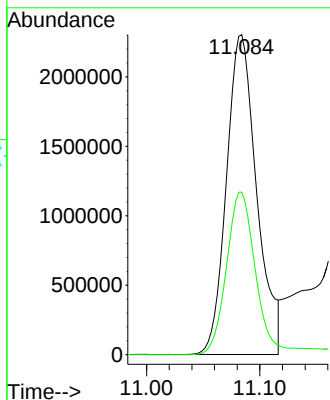
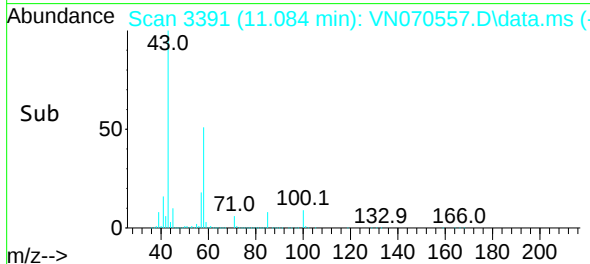
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 4273702
Ion Ratio Lower Upper
43 100
58 52.0 26.9 80.7

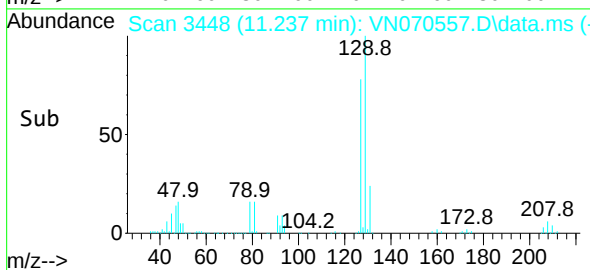
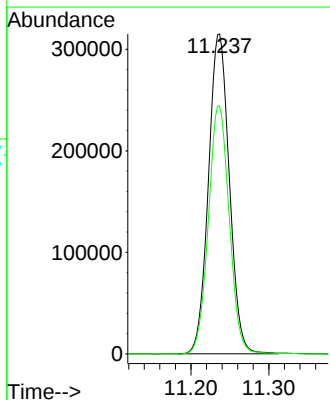
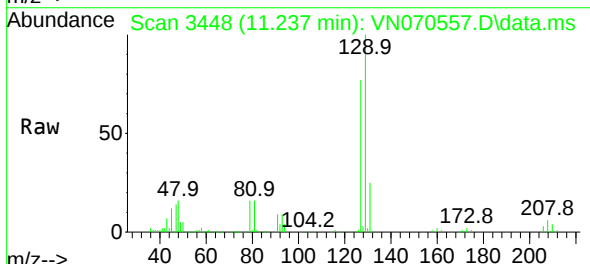
Manual Integrations
APPROVED

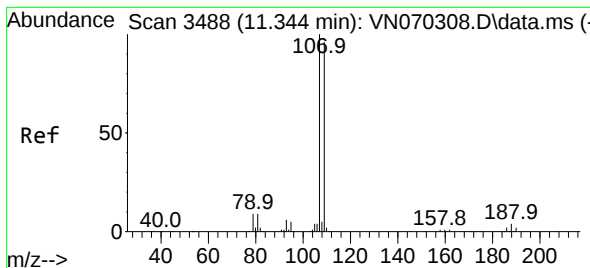
Reviewed By :John Carlone 01/11/2022
Supervised By :Mahesh Dadoda 01/12/2022



#60
Dibromochloromethane
Concen: 45.451 ug/l
RT: 11.237 min Scan# 3448
Delta R.T. -0.000 min
Lab File: VN070557.D
Acq: 10 Jan 2022 21:06

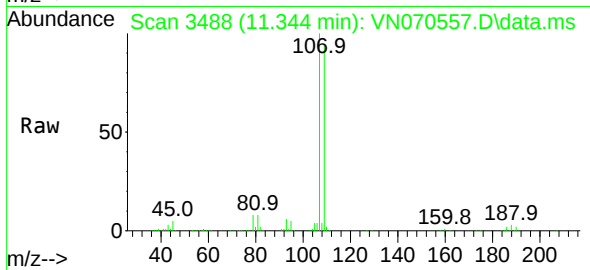
Tgt Ion:129 Resp: 586340
Ion Ratio Lower Upper
129 100
127 77.7 38.6 116.0





#61
1,2-Dibromoethane
Concen: 45.602 ug/l
RT: 11.344 min Scan# 3488
Delta R.T. 0.000 min
Lab File: VN070557.D
Acq: 10 Jan 2022 21:06

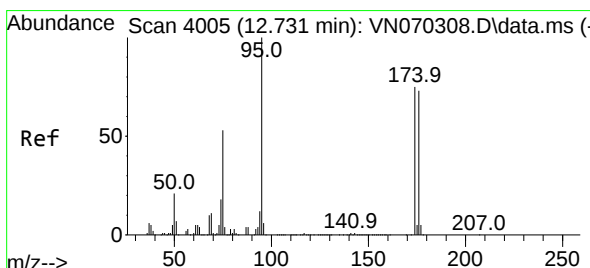
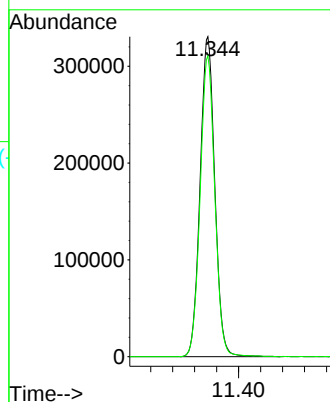
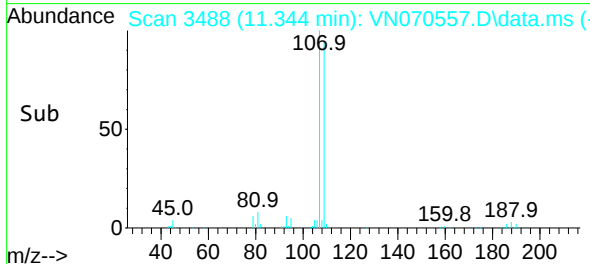
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:107 Resp: 612220
Ion Ratio Lower Upper
107 100
109 93.9 75.7 113.5

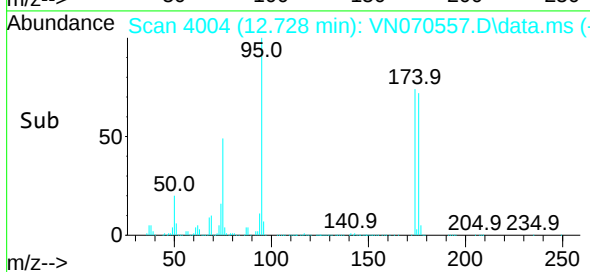
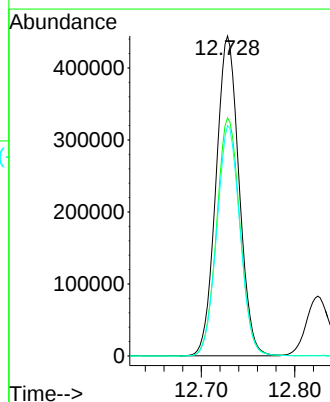
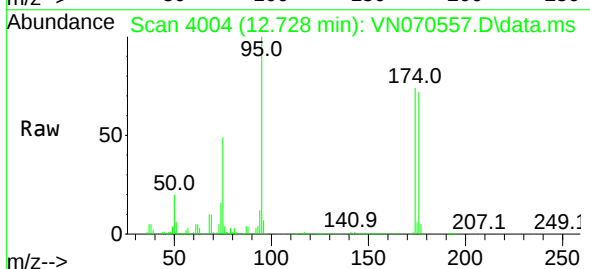
Manual Integrations
APPROVED

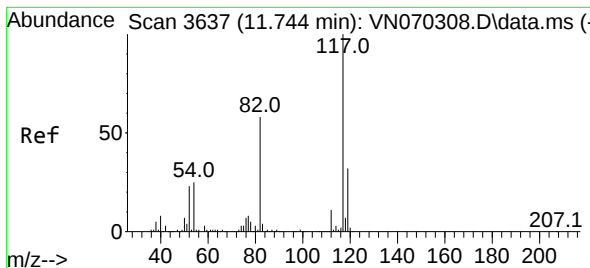
Reviewed By :John Carlone 01/11/2022
Supervised By :Mahesh Dadoda 01/12/2022



#62
4-Bromofluorobenzene
Concen: 47.417 ug/l
RT: 12.728 min Scan# 4004
Delta R.T. -0.003 min
Lab File: VN070557.D
Acq: 10 Jan 2022 21:06

Tgt Ion: 95 Resp: 761588
Ion Ratio Lower Upper
95 100
174 75.6 0.0 187.2
176 72.5 0.0 181.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.741 min Scan# 3637

Delta R.T. -0.003 min

Lab File: VN070557.D

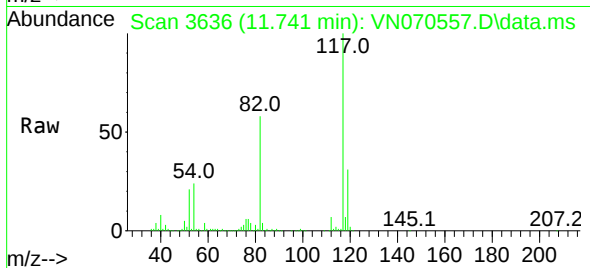
Acq: 10 Jan 2022 21:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



Tgt Ion:117 Resp: 167435

Ion Ratio Lower Upper

117 100

82 58.2 42.4 63.6

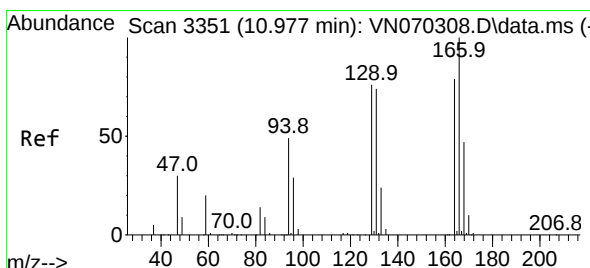
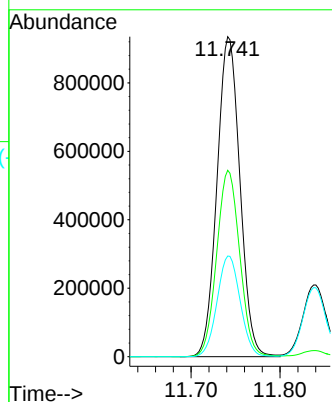
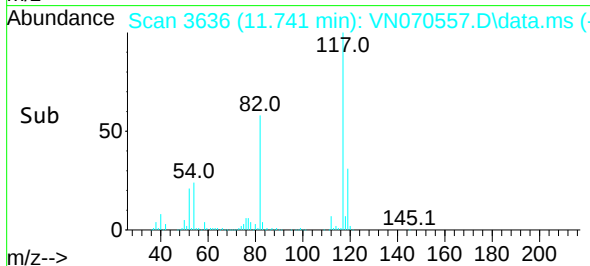
119 31.5 25.4 38.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/11/2022

Supervised By :Mahesh Dadoda 01/12/2022



#64

Tetrachloroethene

Concen: 39.895 ug/l

RT: 10.974 min Scan# 3350

Delta R.T. -0.003 min

Lab File: VN070557.D

Acq: 10 Jan 2022 21:06

Tgt Ion:164 Resp: 483718

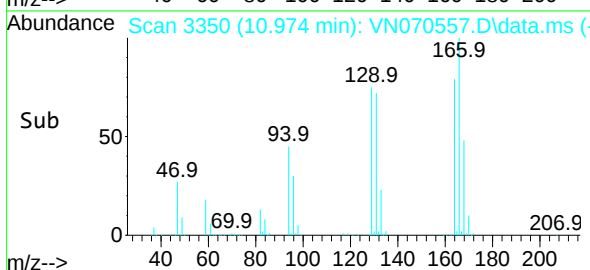
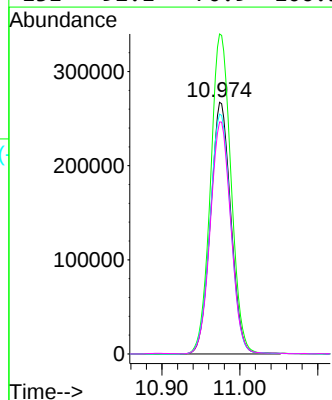
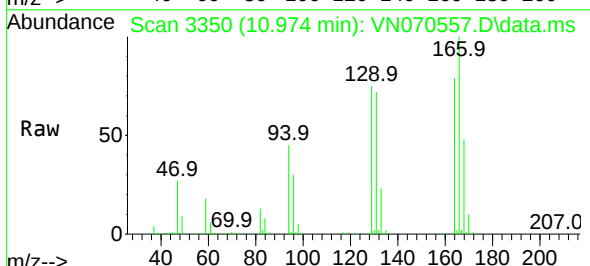
Ion Ratio Lower Upper

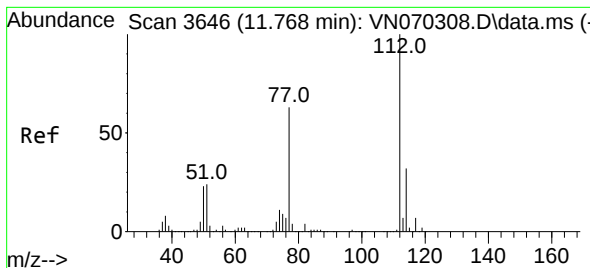
164 100

166 127.2 101.9 152.9

129 95.3 72.0 108.0

131 92.1 70.9 106.3





#65

Chlorobenzene

Concen: 44.144 ug/l

RT: 11.768 min Scan# 3646

Delta R.T. -0.000 min

Lab File: VN070557.D

Acq: 10 Jan 2022 21:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:112 Resp: 1568269

Ion Ratio Lower Upper

112 100

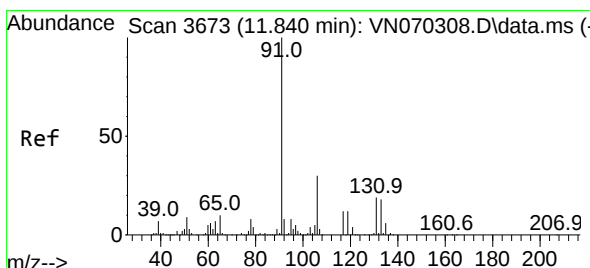
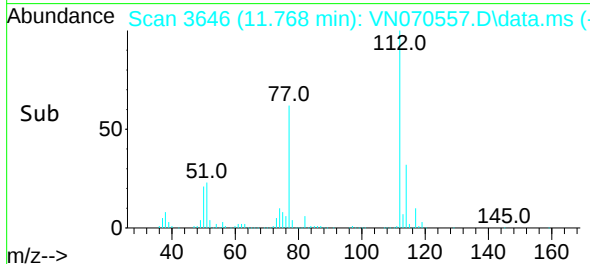
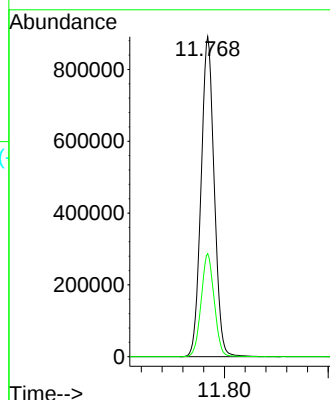
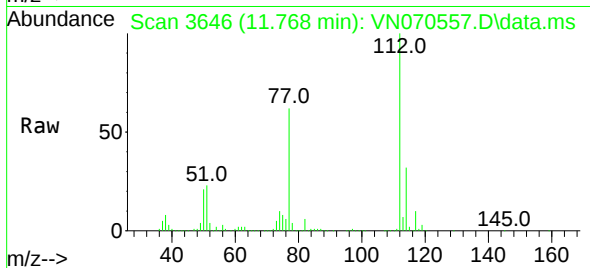
114 32.2 25.4 38.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/11/2022

Supervised By :Mahesh Dadoda 01/12/2022



#66

1,1,1,2-Tetrachloroethane

Concen: 43.717 ug/l

RT: 11.838 min Scan# 3672

Delta R.T. -0.002 min

Lab File: VN070557.D

Acq: 10 Jan 2022 21:06

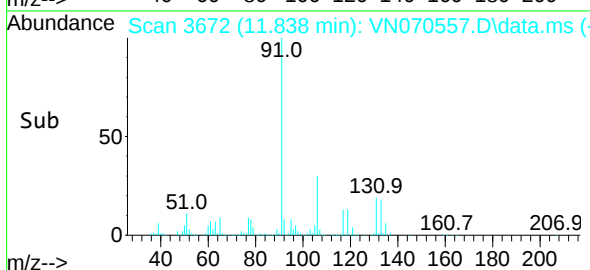
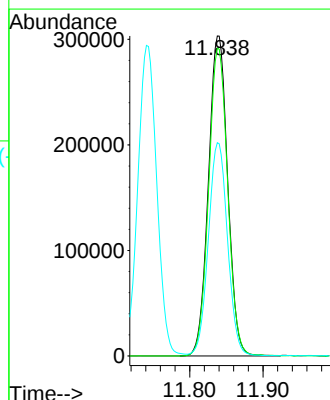
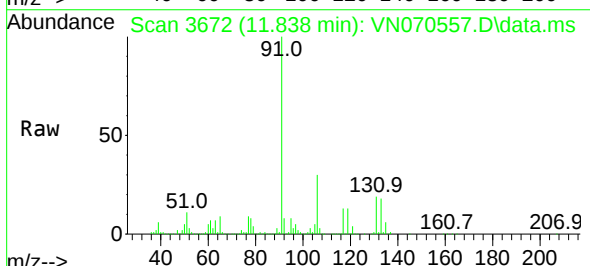
Tgt Ion:131 Resp: 554453

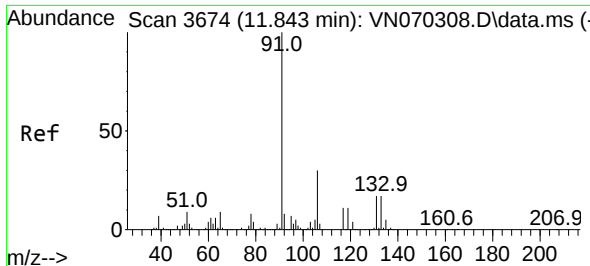
Ion Ratio Lower Upper

131 100

133 95.0 47.9 143.7

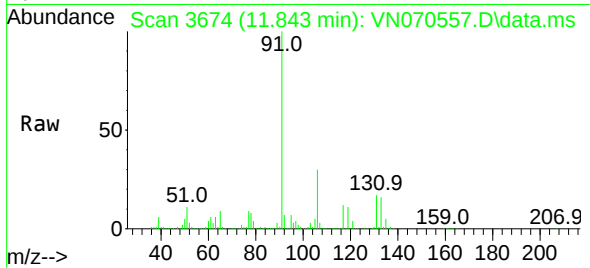
119 66.2 32.1 96.5





#67
Ethyl Benzene
Concen: 45.214 ug/l
RT: 11.843 min Scan# 30
Delta R.T. -0.000 min
Lab File: VN070557.D
Acq: 10 Jan 2022 21:06

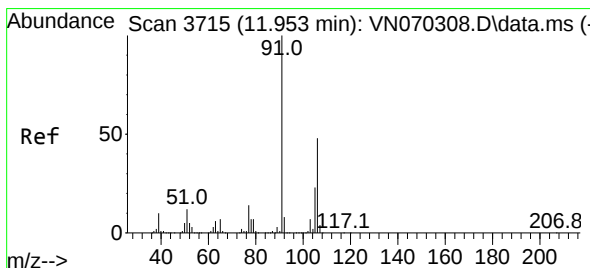
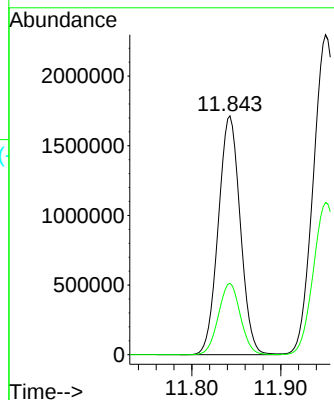
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 2943050
Ion Ratio Lower Upper
91 100
106 29.9 25.7 38.5

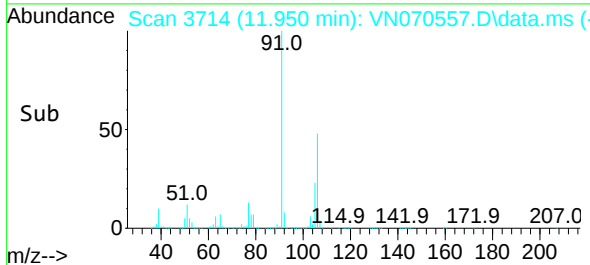
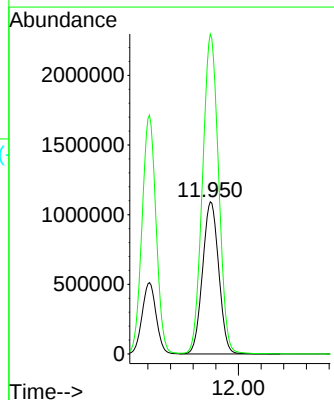
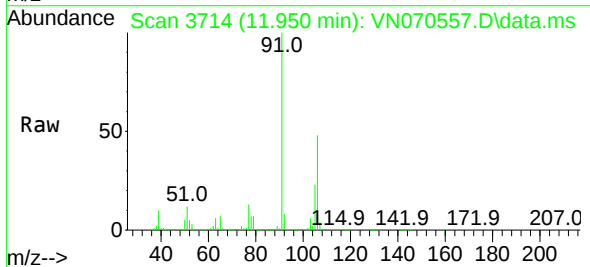
Manual Integrations
APPROVED

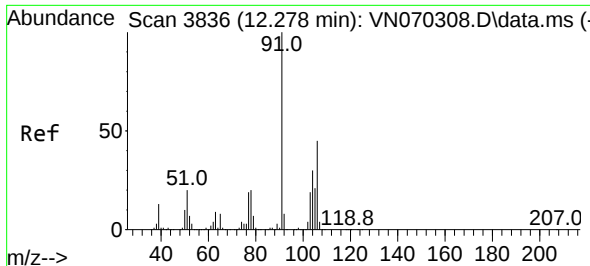
Reviewed By :John Carlone 01/11/2022
Supervised By :Mahesh Dadoda 01/12/2022



#68
m/p-Xylenes
Concen: 91.235 ug/l
RT: 11.950 min Scan# 3714
Delta R.T. -0.003 min
Lab File: VN070557.D
Acq: 10 Jan 2022 21:06

Tgt Ion:106 Resp: 2161709
Ion Ratio Lower Upper
106 100
91 209.1 160.6 240.8





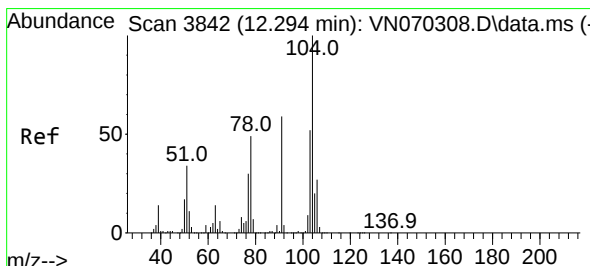
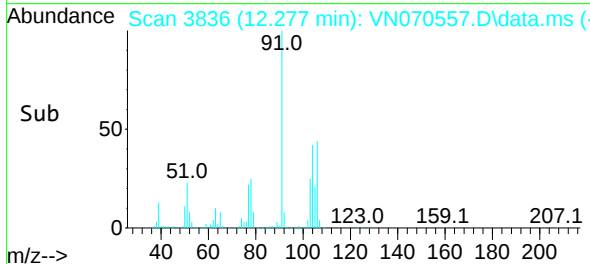
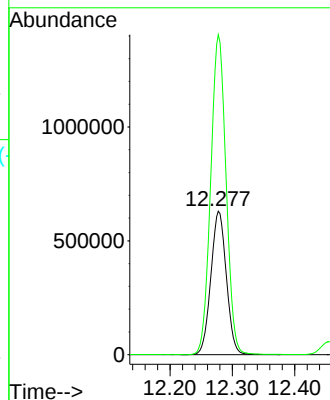
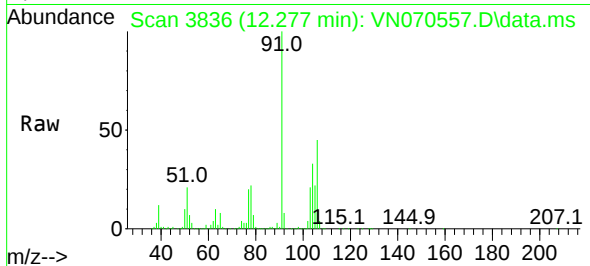
#69
o-Xylene
Concen: 46.054 ug/l
RT: 12.277 min Scan# 3836
Delta R.T. -0.001 min
Lab File: VN070557.D
Acq: 10 Jan 2022 21:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 1085368
Ion Ratio Lower Upper
106 100
91 221.7 105.8 317.3

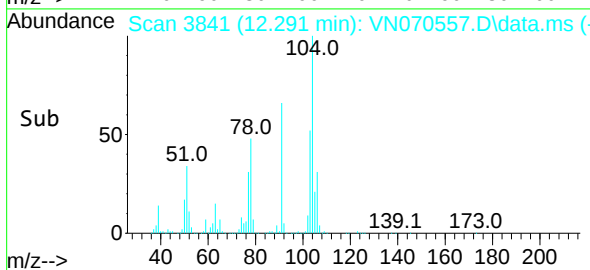
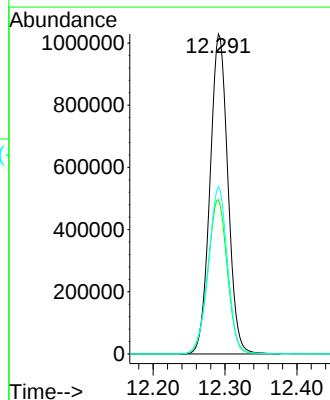
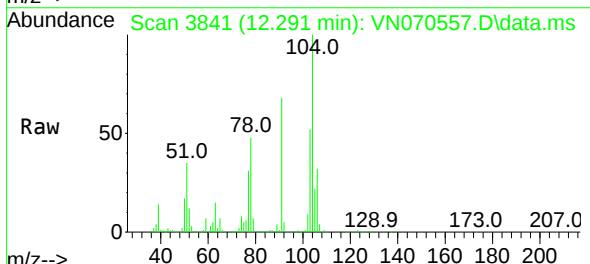
Manual Integrations
APPROVED

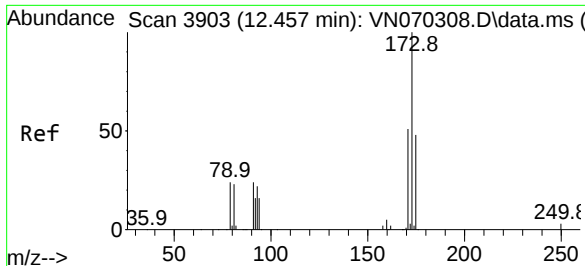
Reviewed By :John Carlone 01/11/2022
Supervised By :Mahesh Dadoda 01/12/2022



#70
Styrene
Concen: 47.799 ug/l
RT: 12.291 min Scan# 3841
Delta R.T. -0.003 min
Lab File: VN070557.D
Acq: 10 Jan 2022 21:06

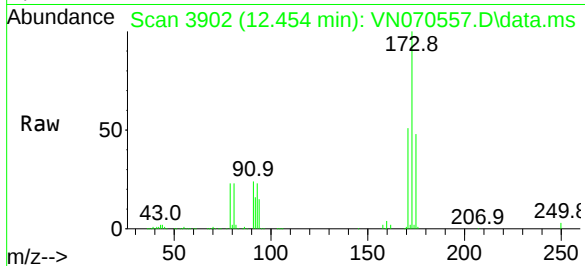
Tgt Ion:104 Resp: 1782923
Ion Ratio Lower Upper
104 100
78 52.7 38.7 58.1
103 55.6 45.0 67.6





#71
Bromoform
Concen: 44.950 ug/l
RT: 12.454 min Scan# 3902
Delta R.T. -0.003 min
Lab File: VN070557.D
Acq: 10 Jan 2022 21:06

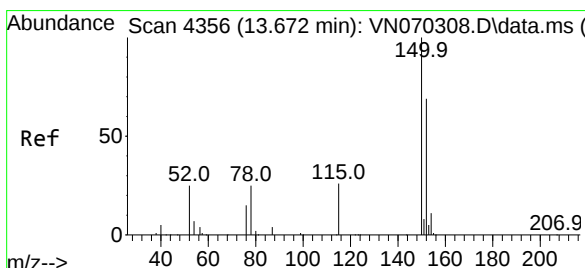
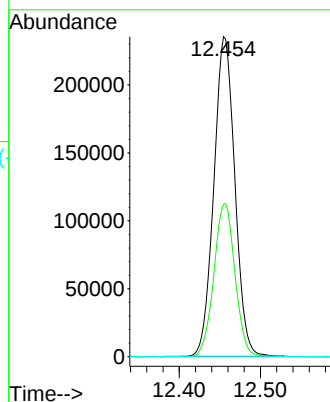
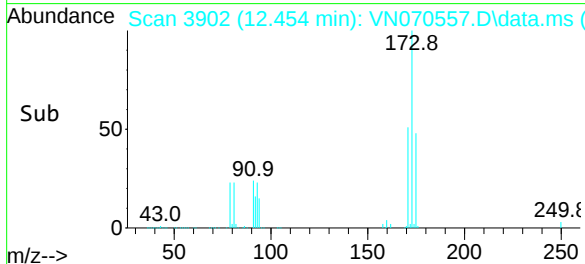
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



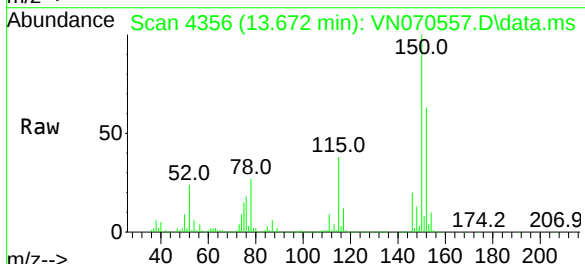
Tgt Ion:173 Resp: 423097
Ion Ratio Lower Upper
173 100
175 48.2 24.2 72.6
254 0.0 0.0 0.0

Manual Integrations
APPROVED

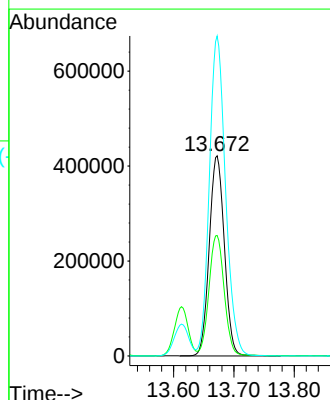
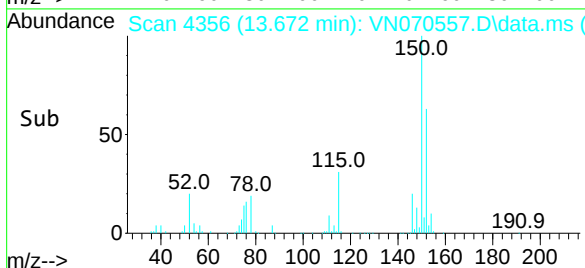
Reviewed By :John Carlone 01/11/2022
Supervised By :Mahesh Dadoda 01/12/2022

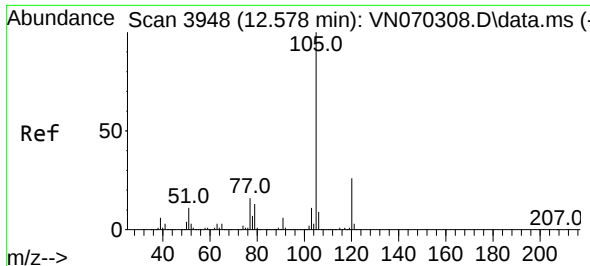


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.672 min Scan# 4356
Delta R.T. 0.000 min
Lab File: VN070557.D
Acq: 10 Jan 2022 21:06



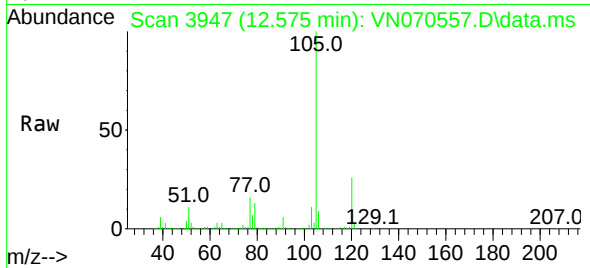
Tgt Ion:152 Resp: 733227
Ion Ratio Lower Upper
152 100
115 60.0 27.5 82.5
150 171.8 0.0 344.4





#73
Isopropylbenzene
Concen: 41.230 ug/l
RT: 12.575 min Scan# 3948
Delta R.T. -0.003 min
Lab File: VN070557.D
Acq: 10 Jan 2022 21:06

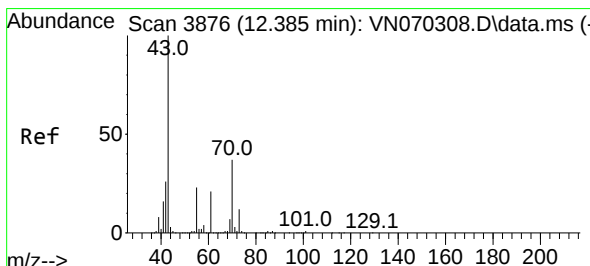
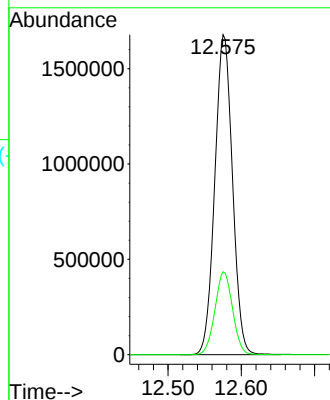
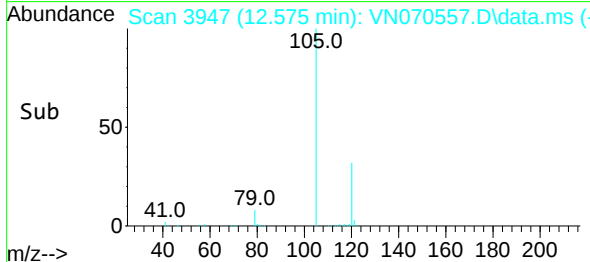
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:105 Resp: 280741
Ion Ratio Lower Upper
105 100
120 25.9 13.4 40.1

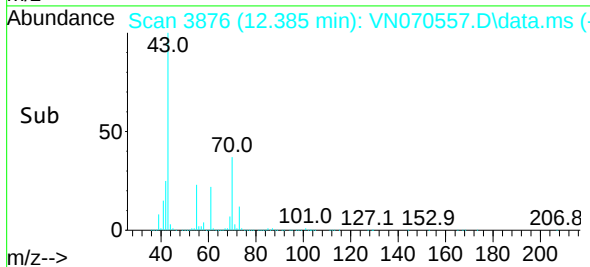
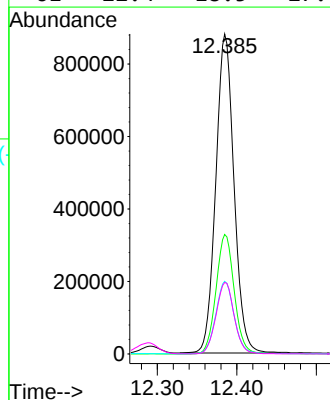
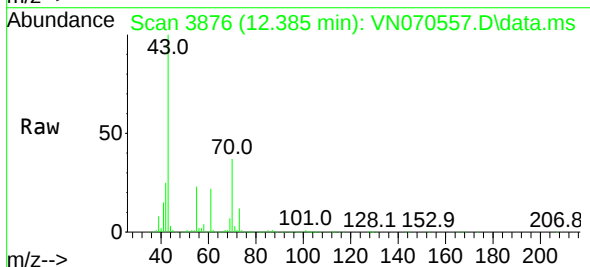
Manual Integrations
APPROVED

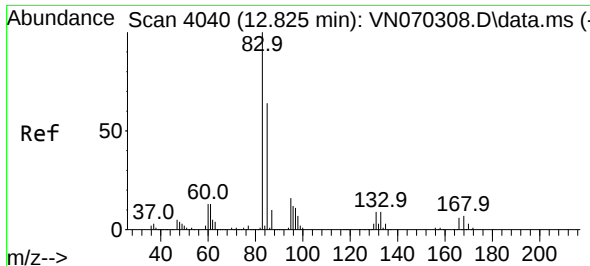
Reviewed By :John Carlone 01/11/2022
Supervised By :Mahesh Dadoda 01/12/2022



#74
N-ethyl acetate
Concen: 48.938 ug/l
RT: 12.385 min Scan# 3876
Delta R.T. -0.000 min
Lab File: VN070557.D
Acq: 10 Jan 2022 21:06

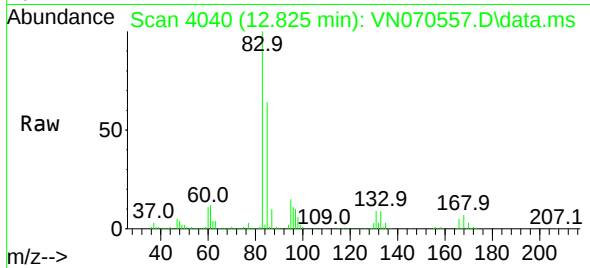
Tgt Ion: 43 Resp: 1401106
Ion Ratio Lower Upper
43 100
70 37.4 33.4 50.0
55 22.9 19.3 28.9
61 22.4 18.5 27.7





#75
1,1,2,2-Tetrachloroethane
Concen: 41.734 ug/l
RT: 12.825 min Scan# 4040
Delta R.T. -0.000 min
Lab File: VN070557.D
Acq: 10 Jan 2022 21:06

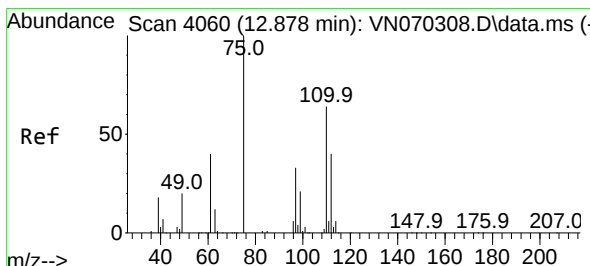
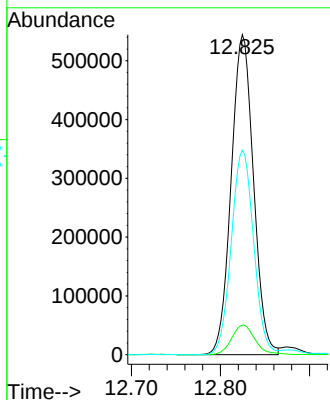
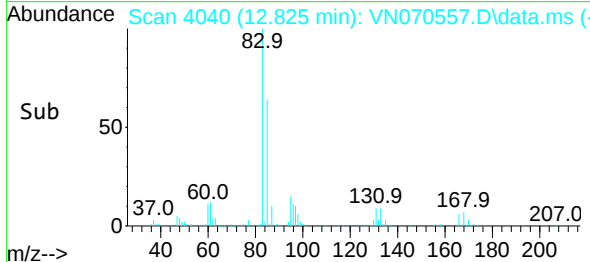
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 946908
Ion Ratio Lower Upper
83 100
131 9.8 5.5 16.5
85 64.1 32.4 97.2

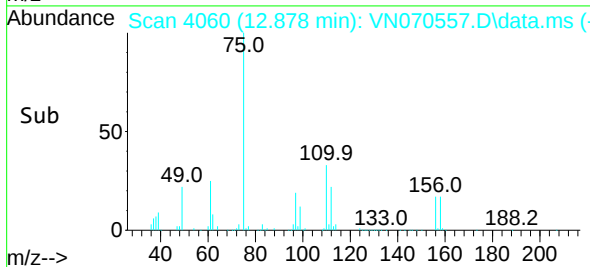
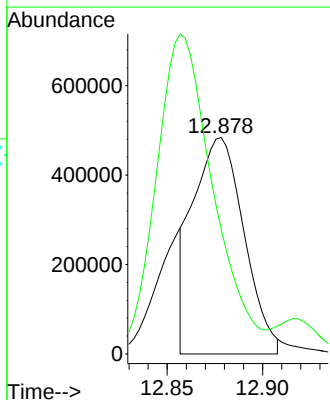
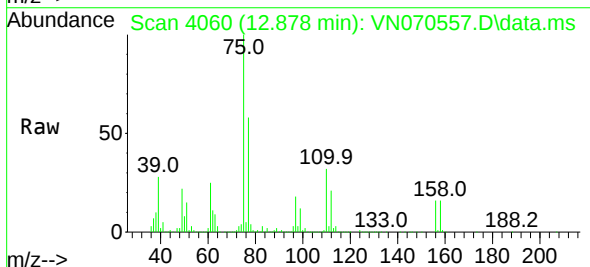
Manual Integrations
APPROVED

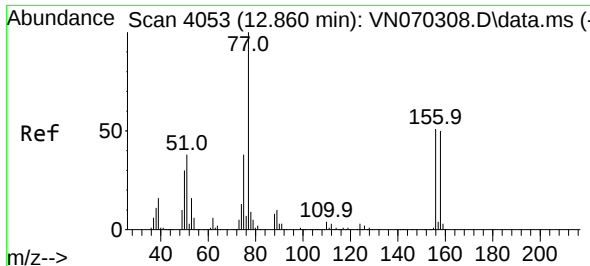
Reviewed By :John Carlone 01/11/2022
Supervised By :Mahesh Dadoda 01/12/2022



#76
1,2,3-Trichloropropane
Concen: 41.758 ug/l m
RT: 12.878 min Scan# 4060
Delta R.T. 0.000 min
Lab File: VN070557.D
Acq: 10 Jan 2022 21:06

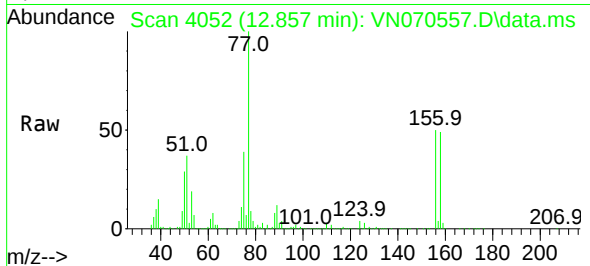
Tgt Ion: 75 Resp: 896107
Ion Ratio Lower Upper
75 100
77 0.0 82.6 247.8#





#77
Bromobenzene
Concen: 40.921 ug/l
RT: 12.857 min Scan# 4053
Delta R.T. -0.003 min
Lab File: VN070557.D
Acq: 10 Jan 2022 21:06

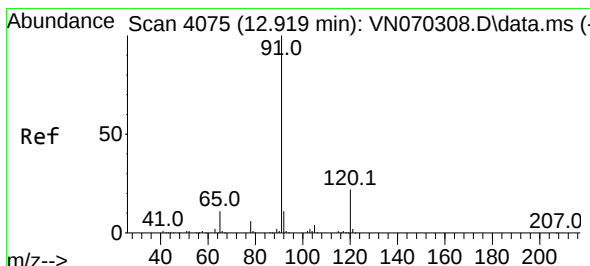
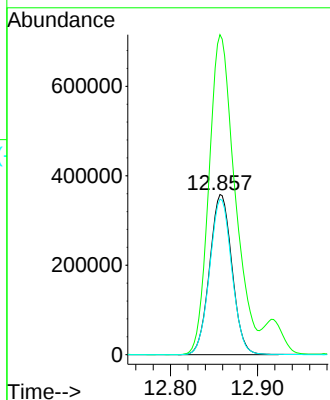
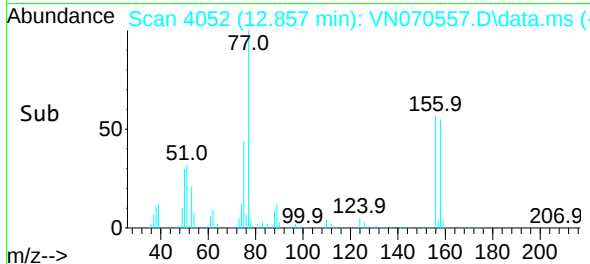
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



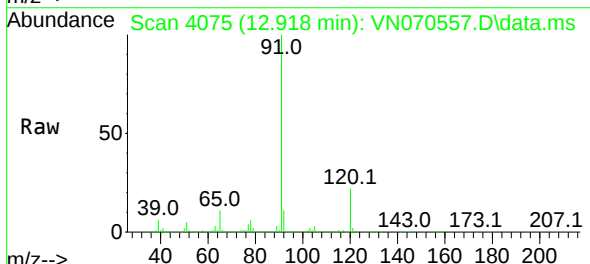
Tgt Ion:156 Resp: 63970
Ion Ratio Lower Upper
156 100
77 232.5 90.6 271.8
158 96.7 48.9 146.7

Manual Integrations
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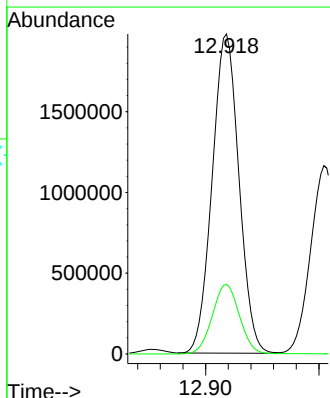
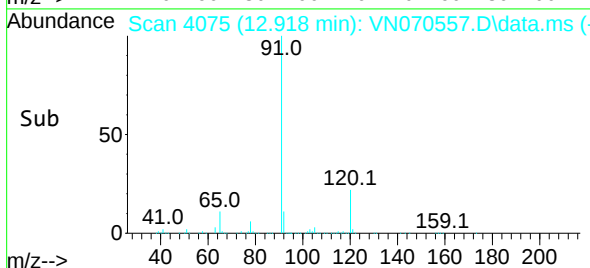
Reviewed By :John Carlone 01/11/2022
Supervised By :Mahesh Dadoda 01/12/2022

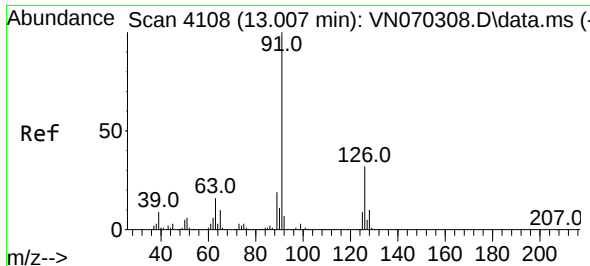


#78
n-propylbenzene
Concen: 42.949 ug/l
RT: 12.918 min Scan# 4075
Delta R.T. -0.001 min
Lab File: VN070557.D
Acq: 10 Jan 2022 21:06



Tgt Ion: 91 Resp: 3240230
Ion Ratio Lower Upper
91 100
120 22.1 11.9 35.9





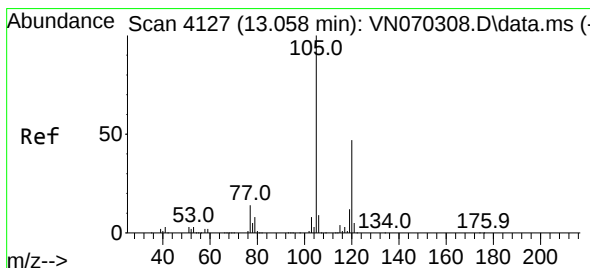
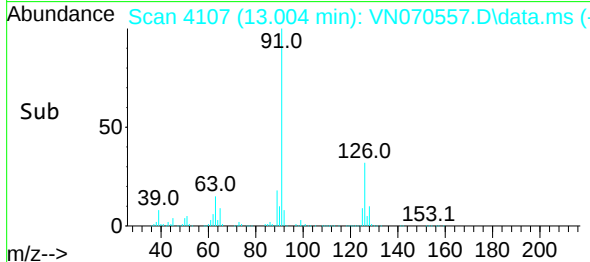
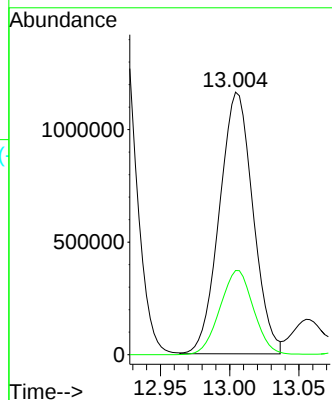
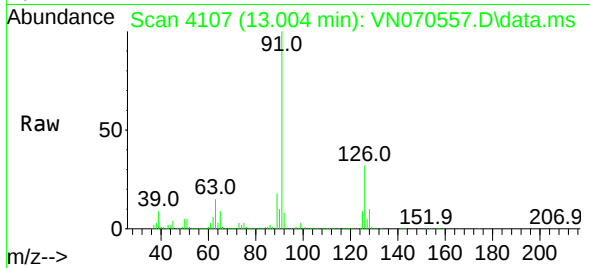
#79
2-Chlorotoluene
Concen: 40.543 ug/l
RT: 13.004 min Scan# 4108
Delta R.T. -0.003 min
Lab File: VN070557.D
Acq: 10 Jan 2022 21:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 196257
Ion Ratio Lower Upper
91 100
126 32.2 18.3 54.8

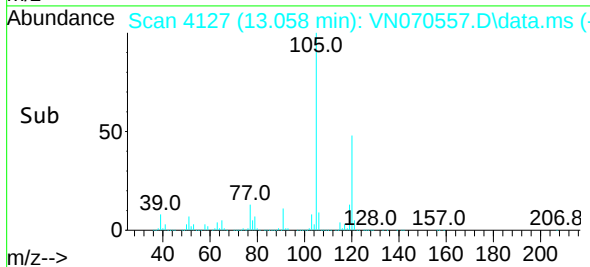
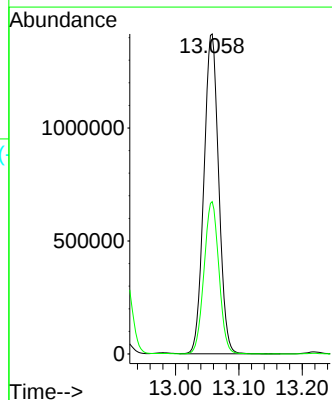
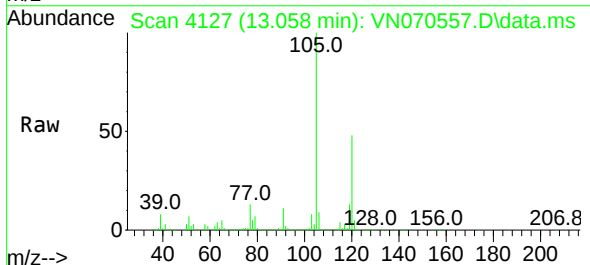
Manual Integrations
APPROVED

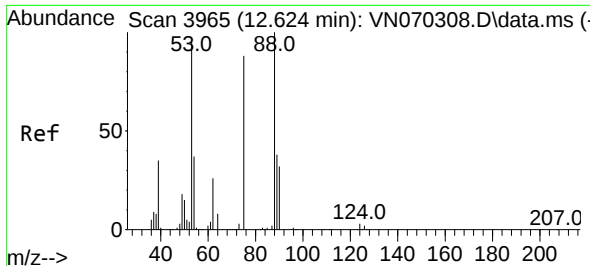
Reviewed By :John Carlone 01/11/2022
Supervised By :Mahesh Dadoda 01/12/2022



#80
1,3,5-Trimethylbenzene
Concen: 42.166 ug/l
RT: 13.058 min Scan# 4127
Delta R.T. -0.000 min
Lab File: VN070557.D
Acq: 10 Jan 2022 21:06

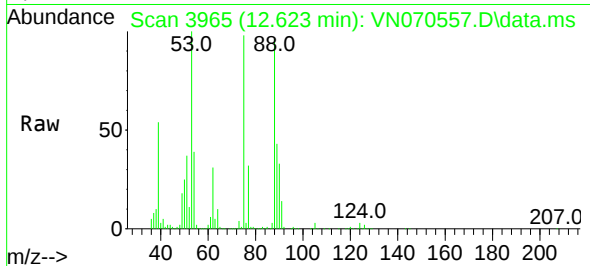
Tgt Ion:105 Resp: 2300802
Ion Ratio Lower Upper
105 100
120 47.8 24.6 73.6





#81
trans-1,4-Dichloro-2-butene
Concen: 49.337 ug/l
RT: 12.623 min Scan# 3965
Delta R.T. -0.001 min
Lab File: VN070557.D
Acq: 10 Jan 2022 21:06

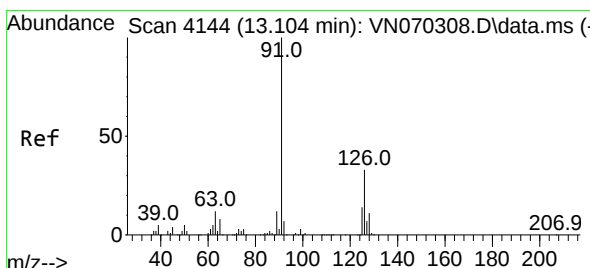
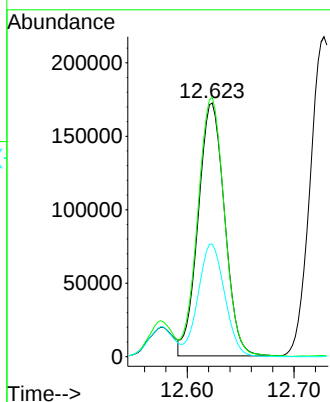
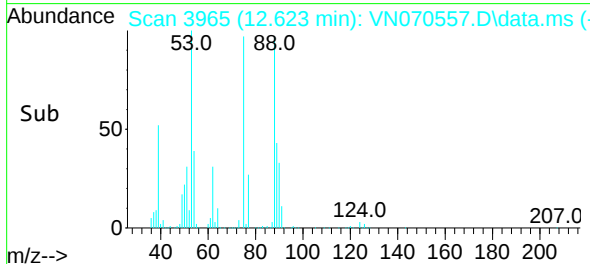
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



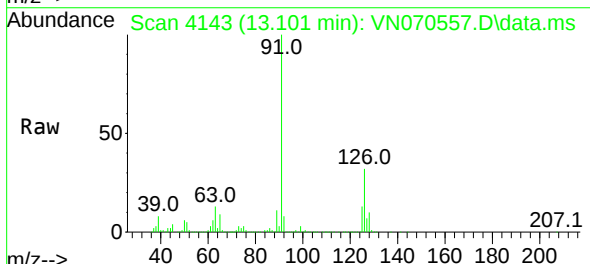
Tgt Ion: 75 Resp: 29608
Ion Ratio Lower Upper
75 100
53 103.7 90.5 135.7
89 45.0 38.2 57.4

Manual Integrations
APPROVED

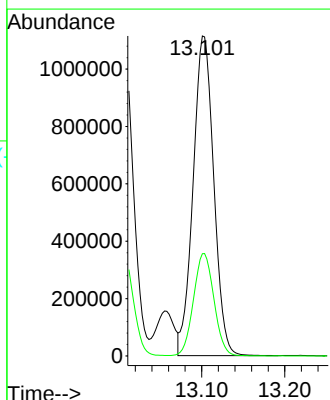
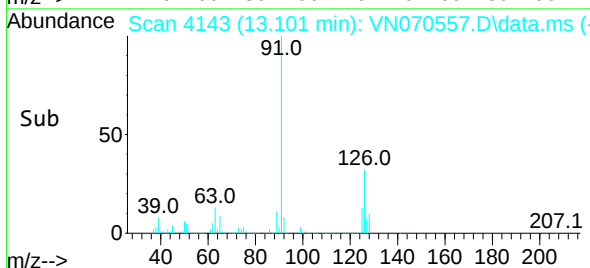
Reviewed By :John Carlone 01/11/2022
Supervised By :Mahesh Dadoda 01/12/2022



#82
4-Chlorotoluene
Concen: 42.390 ug/l
RT: 13.101 min Scan# 4143
Delta R.T. -0.003 min
Lab File: VN070557.D
Acq: 10 Jan 2022 21:06



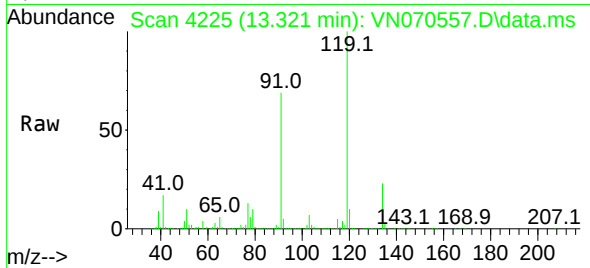
Tgt Ion: 91 Resp: 1922104
Ion Ratio Lower Upper
91 100
126 31.8 18.2 54.6





#83
tert-Butylbenzene
Concen: 42.246 ug/l
RT: 13.321 min Scan# 4225
Delta R.T. -0.000 min
Lab File: VN070557.D
Acq: 10 Jan 2022 21:06

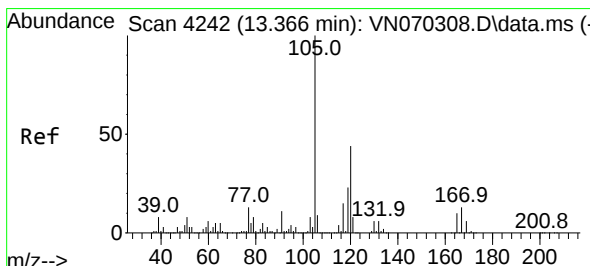
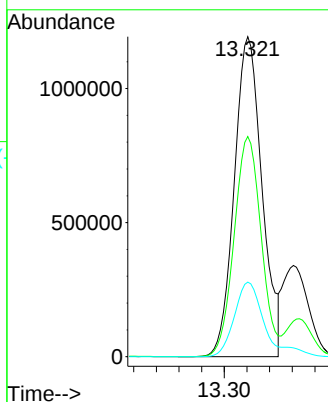
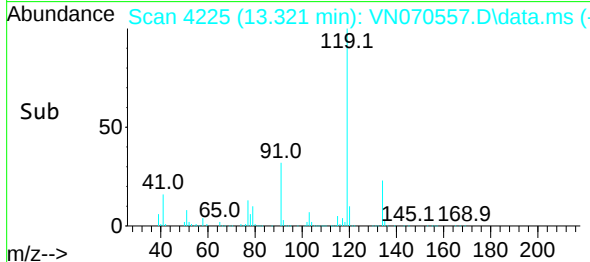
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



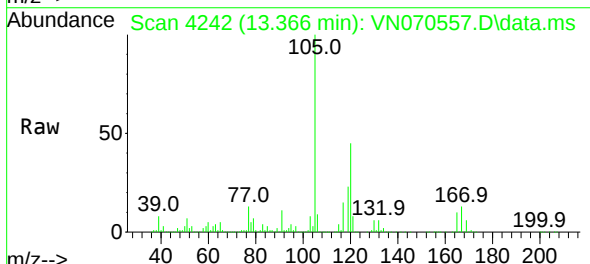
Tgt Ion:119 Resp: 202978
Ion Ratio Lower Upper
119 100
91 67.4 31.5 94.5
134 25.5 12.4 37.4

Manual Integrations
APPROVED

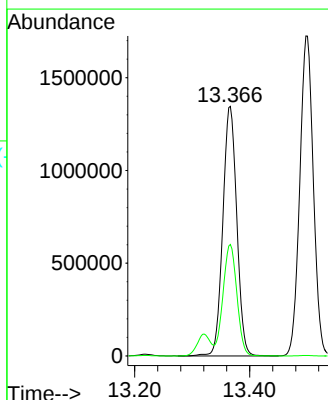
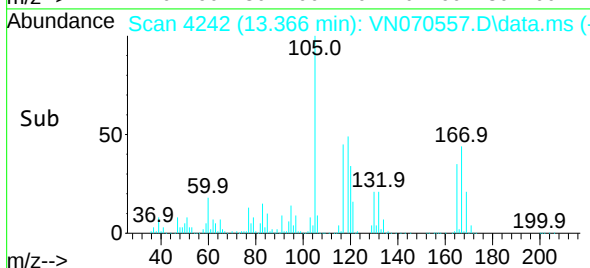
Reviewed By :John Carlone 01/11/2022
Supervised By :Mahesh Dadoda 01/12/2022

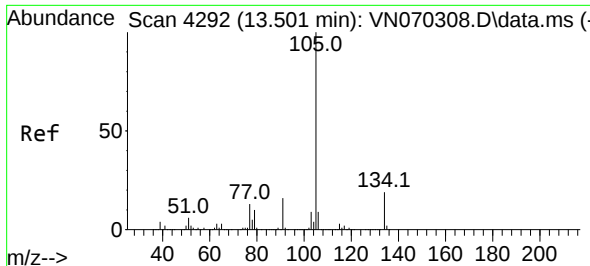


#84
1,2,4-Trimethylbenzene
Concen: 43.080 ug/l
RT: 13.366 min Scan# 4242
Delta R.T. 0.000 min
Lab File: VN070557.D
Acq: 10 Jan 2022 21:06



Tgt Ion:105 Resp: 2263530
Ion Ratio Lower Upper
105 100
120 44.6 22.8 68.4





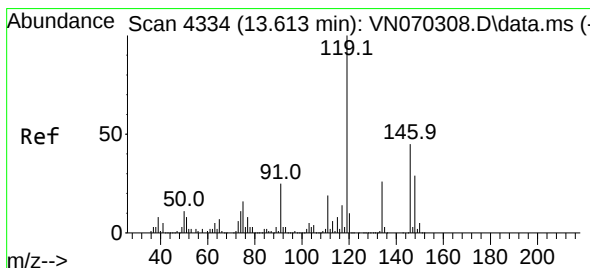
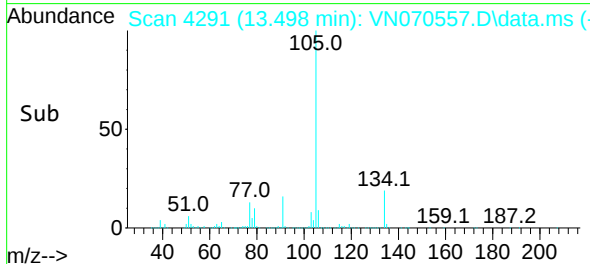
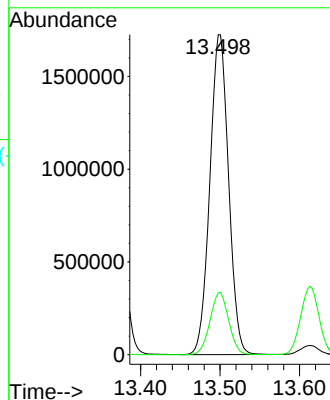
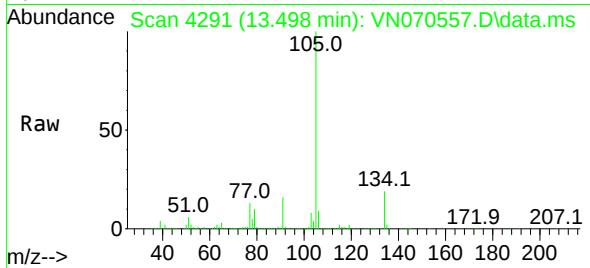
#85
 sec-Butylbenzene
 Concen: 43.247 ug/l
 RT: 13.498 min Scan# 4291
 Delta R.T. -0.003 min
 Lab File: VN070557.D
 Acq: 10 Jan 2022 21:06

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:105 Resp: 282101
 Ion Ratio Lower Upper
 105 100
 134 19.5 10.4 31.1

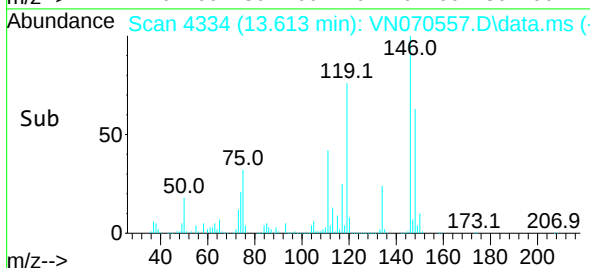
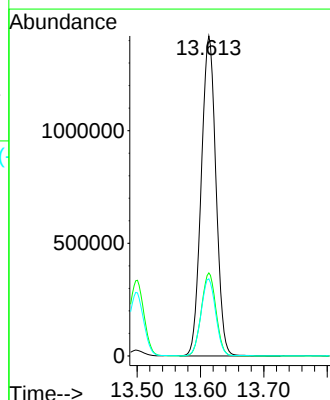
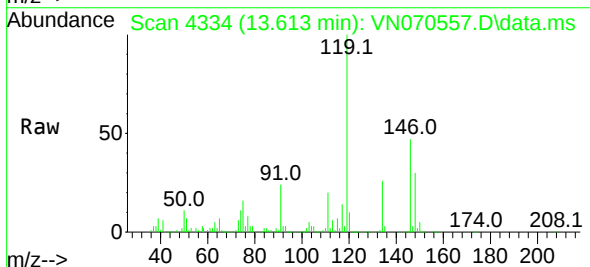
Manual Integrations
 APPROVED

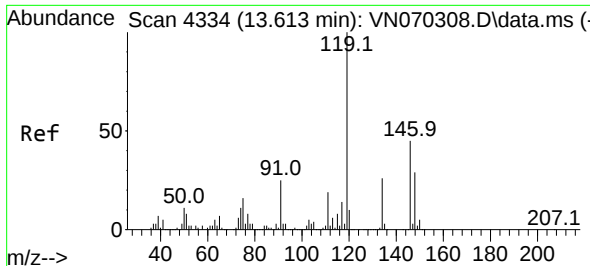
Reviewed By :John Carlone 01/11/2022
 Supervised By :Mahesh Dadoda 01/12/2022



#86
 p-Isopropyltoluene
 Concen: 44.551 ug/l
 RT: 13.613 min Scan# 4334
 Delta R.T. 0.000 min
 Lab File: VN070557.D
 Acq: 10 Jan 2022 21:06

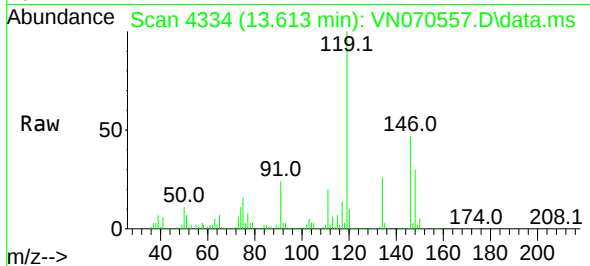
Tgt Ion:119 Resp: 2282818
 Ion Ratio Lower Upper
 119 100
 134 25.9 13.6 40.7
 91 24.0 11.4 34.1





#87
1,3-Dichlorobenzene
Concen: 43.136 ug/l
RT: 13.613 min Scan# 4334
Delta R.T. 0.000 min
Lab File: VN070557.D
Acq: 10 Jan 2022 21:06

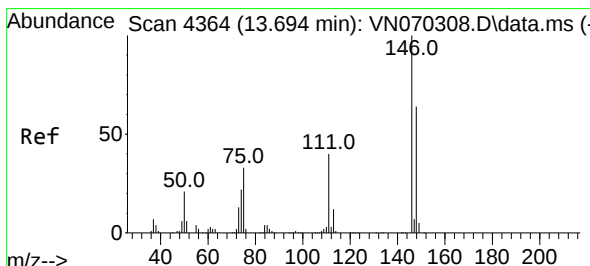
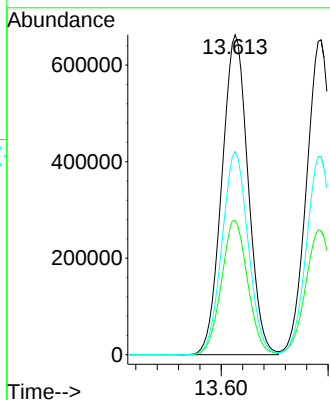
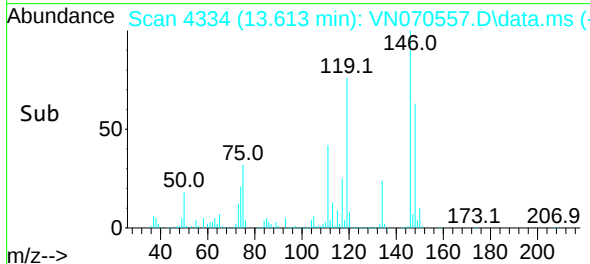
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



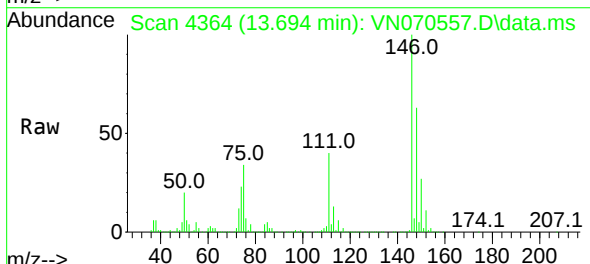
Tgt Ion:146 Resp: 1128839
Ion Ratio Lower Upper
146 100
111 42.0 18.6 55.6
148 63.5 31.6 95.0

Manual Integrations
APPROVED

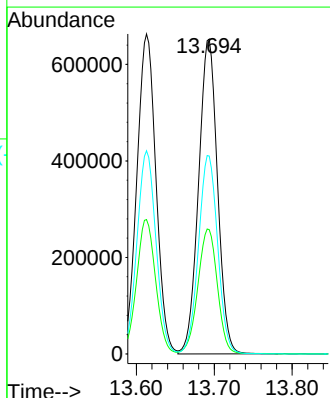
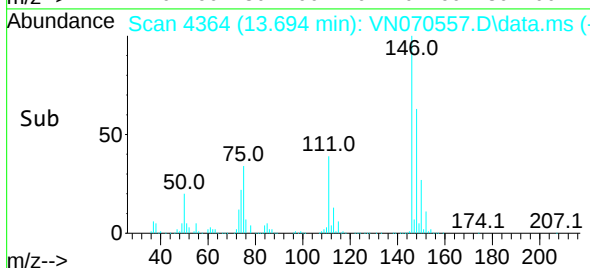
Reviewed By :John Carlone 01/11/2022
Supervised By :Mahesh Dadoda 01/12/2022



#88
1,4-Dichlorobenzene
Concen: 42.825 ug/l
RT: 13.694 min Scan# 4364
Delta R.T. -0.000 min
Lab File: VN070557.D
Acq: 10 Jan 2022 21:06



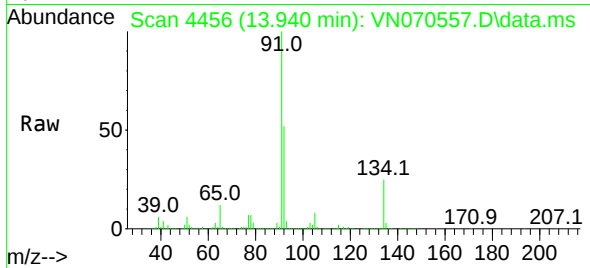
Tgt Ion:146 Resp: 1105488
Ion Ratio Lower Upper
146 100
111 40.6 18.3 54.8
148 63.8 31.8 95.4





#89
n-Butylbenzene
Concen: 46.629 ug/l
RT: 13.940 min Scan# 4456
Delta R.T. 0.000 min
Lab File: VN070557.D
Acq: 10 Jan 2022 21:06

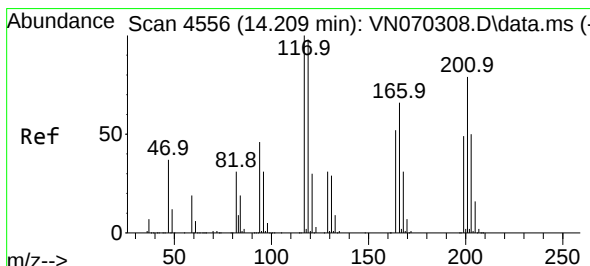
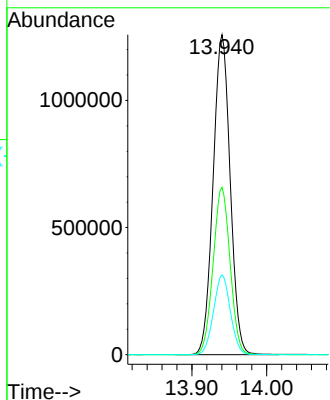
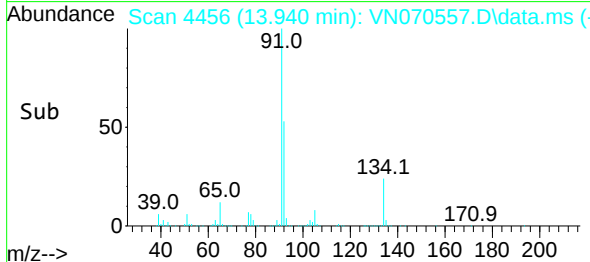
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 1992949
Ion Ratio Lower Upper
91 100
92 52.1 25.4 76.0
134 24.7 13.6 40.8

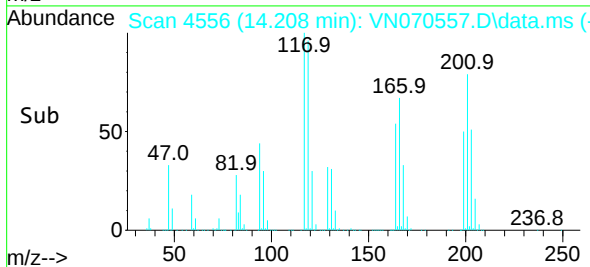
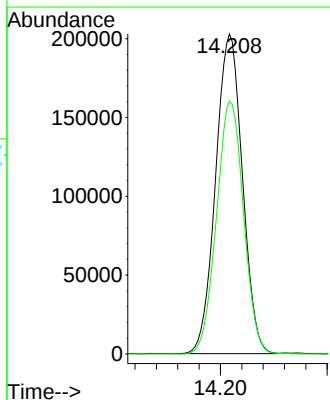
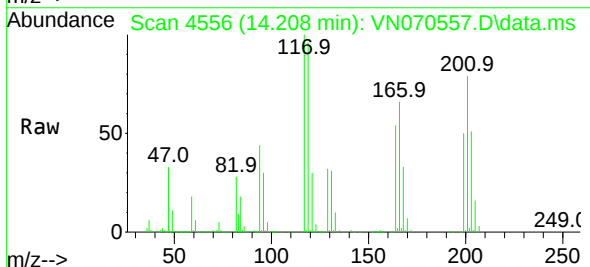
Manual Integrations
APPROVED

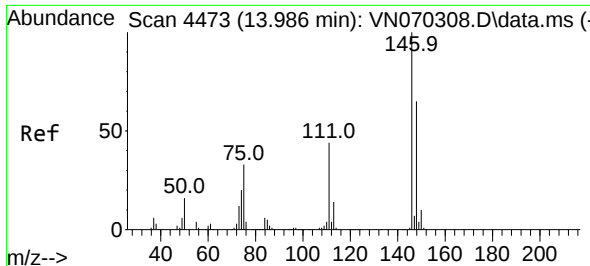
Reviewed By :John Carlone 01/11/2022
Supervised By :Mahesh Dadoda 01/12/2022



#90
Hexachloroethane
Concen: 39.629 ug/l
RT: 14.208 min Scan# 4556
Delta R.T. -0.001 min
Lab File: VN070557.D
Acq: 10 Jan 2022 21:06

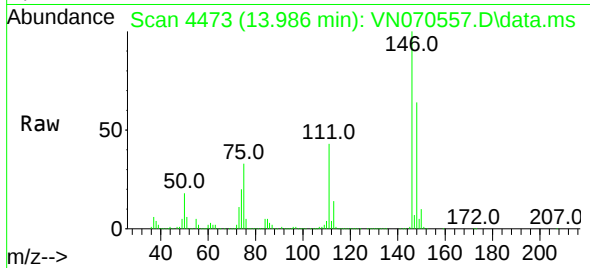
Tgt Ion:117 Resp: 352769
Ion Ratio Lower Upper
117 100
201 79.9 43.9 131.6





#91
1,2-Dichlorobenzene
Concen: 43.009 ug/l
RT: 13.986 min Scan# 4473
Delta R.T. -0.000 min
Lab File: VN070557.D
Acq: 10 Jan 2022 21:06

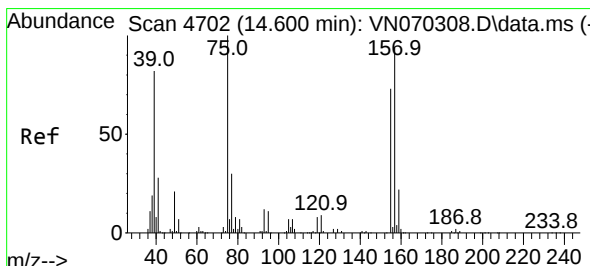
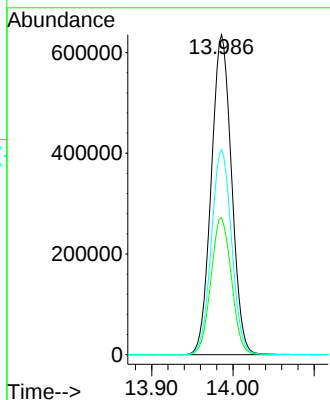
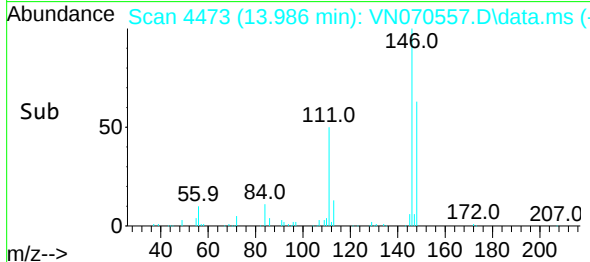
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



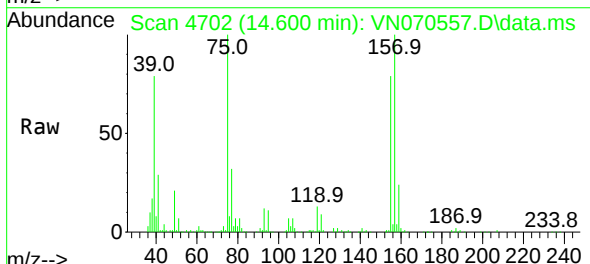
Tgt Ion:146 Resp: 1103370
Ion Ratio Lower Upper
146 100
111 43.2 19.1 57.3
148 64.1 32.1 96.3

Manual Integrations
APPROVED

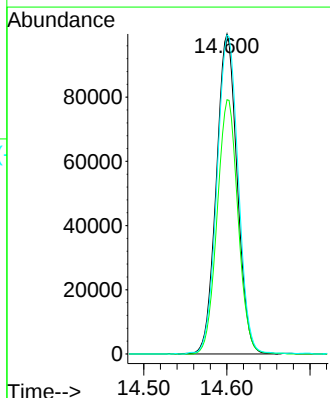
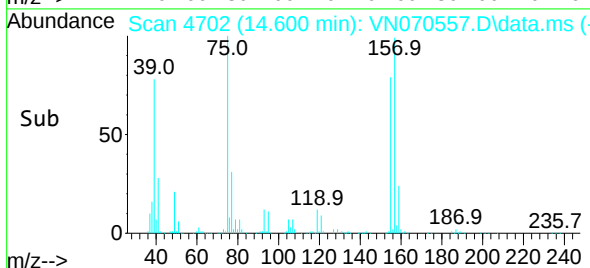
Reviewed By :John Carlone 01/11/2022
Supervised By :Mahesh Dadoda 01/12/2022

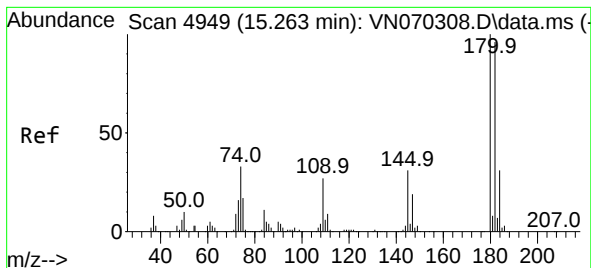


#92
1,2-Dibromo-3-Chloropropane
Concen: 44.089 ug/l
RT: 14.600 min Scan# 4702
Delta R.T. 0.000 min
Lab File: VN070557.D
Acq: 10 Jan 2022 21:06



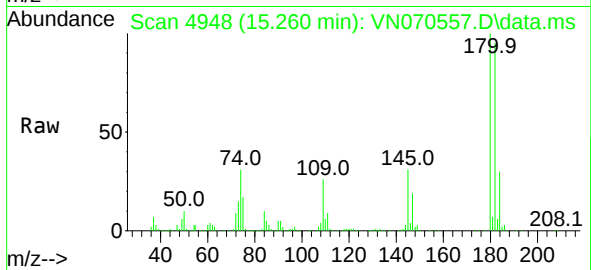
Tgt Ion: 75 Resp: 173907
Ion Ratio Lower Upper
75 100
155 79.6 46.9 140.7
157 101.6 60.6 181.7





#93
1,2,4-Trichlorobenzene
Concen: 49.900 ug/l
RT: 15.260 min Scan# 4949
Delta R.T. -0.003 min
Lab File: VN070557.D
Acq: 10 Jan 2022 21:06

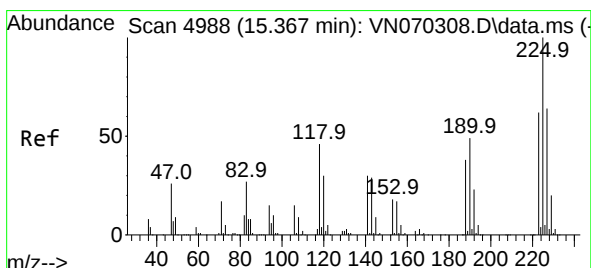
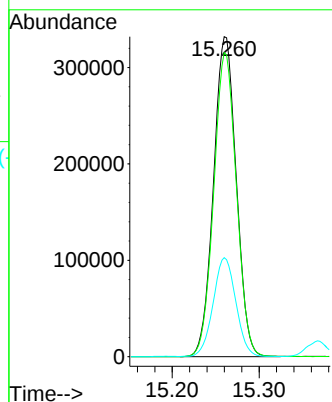
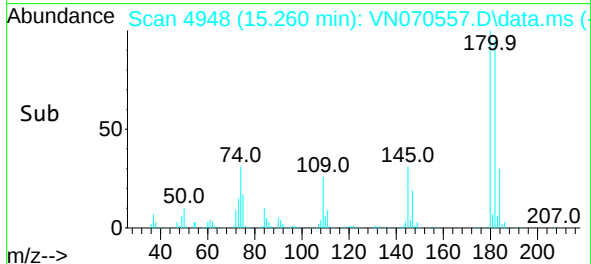
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



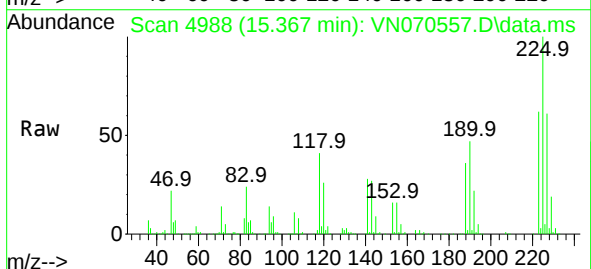
Tgt Ion:180 Resp: 603190
Ion Ratio Lower Upper
180 100
182 94.7 48.3 144.9
145 30.8 14.5 43.5

Manual Integrations
APPROVED

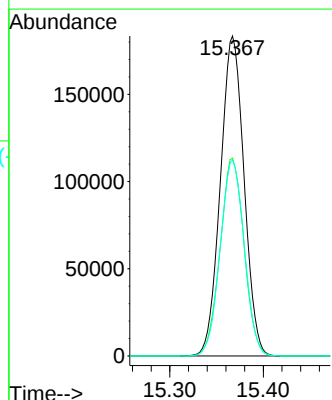
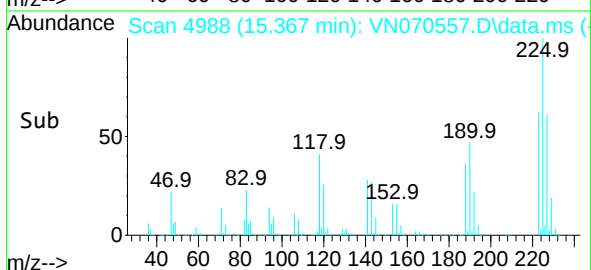
Reviewed By :John Carlone 01/11/2022
Supervised By :Mahesh Dadoda 01/12/2022

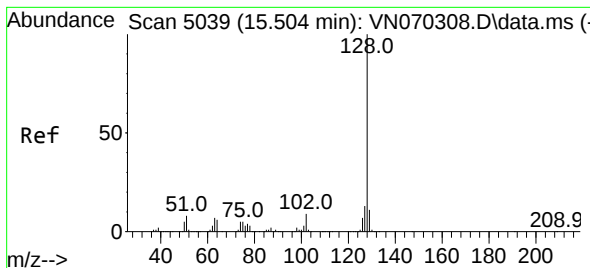


#94
Hexachlorobutadiene
Concen: 45.938 ug/l
RT: 15.367 min Scan# 4988
Delta R.T. 0.000 min
Lab File: VN070557.D
Acq: 10 Jan 2022 21:06



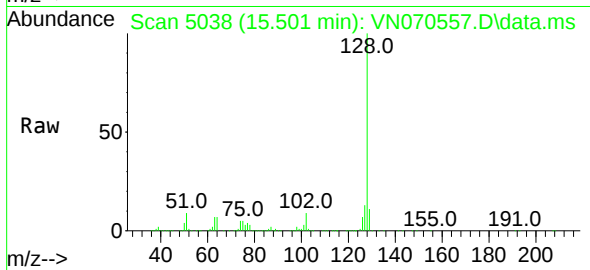
Tgt Ion:225 Resp: 322729
Ion Ratio Lower Upper
225 100
223 62.5 31.9 95.7
227 62.2 32.1 96.3





#95
Naphthalene
Concen: 53.844 ug/l
RT: 15.501 min Scan# 5039
Delta R.T. -0.003 min
Lab File: VN070557.D
Acq: 10 Jan 2022 21:06

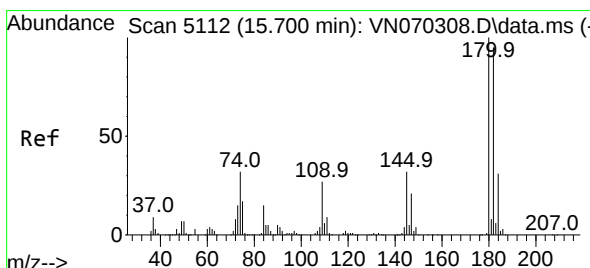
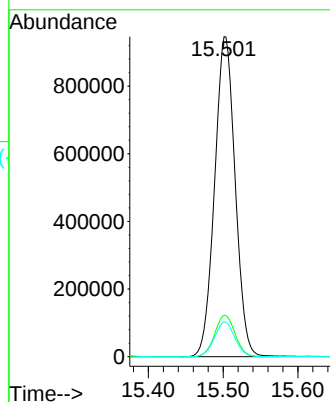
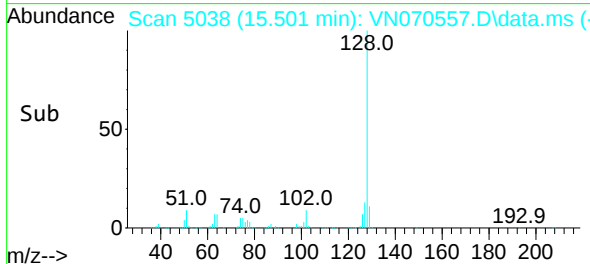
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:128 Resp: 1803590
Ion Ratio Lower Upper
128 100
127 13.0 10.5 15.7
129 10.8 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 01/11/2022
Supervised By :Mahesh Dadoda 01/12/2022



#96
1,2,3-Trichlorobenzene
Concen: 50.749 ug/l
RT: 15.697 min Scan# 5111
Delta R.T. -0.003 min
Lab File: VN070557.D
Acq: 10 Jan 2022 21:06

Tgt Ion:180 Resp: 586925
Ion Ratio Lower Upper
180 100
182 95.5 47.4 142.2
145 32.7 15.0 45.1

