

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111121\
 Data File : VN069459.D
 Acq On : 11 Nov 2021 17:38
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/12/2021
 Supervised By : Mahesh Dadoda 11/17/2021

Quant Time: Nov 12 05:17:11 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110921W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 09 18:18:22 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	1048167	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1757094	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	1720118	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	786193	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	735857	48.418	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	96.840%		
35) Dibromofluoromethane	8.021	113	521204	49.458	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	98.920%		
50) Toluene-d8	10.443	98	2109919	50.907	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	101.820%		
62) 4-Bromofluorobenzene	12.731	95	795554	52.249	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	104.500%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.073	85	537992	48.043	ug/l	99
3) Chloromethane	2.303	50	579805	44.646	ug/l	98
4) Vinyl Chloride	2.445	62	603138	46.383	ug/l	98
5) Bromomethane	2.840	94	365823	43.318	ug/l	100
6) Chloroethane	3.011	64	407781	46.460	ug/l	97
7) Trichlorofluoromethane	3.368	101	944052	46.975	ug/l	99
8) Diethyl Ether	3.821	74	302210	46.478	ug/l	86
9) 1,1,2-Trichlorotrifluo...	4.202	101	453124	47.865	ug/l	93
10) Methyl Iodide	4.417	142	559379	48.176	ug/l	97
11) Tert butyl alcohol	5.388	59	599608	218.948	ug/l	98
12) 1,1-Dichloroethene	4.175	96	407424	47.958	ug/l	91
13) Acrolein	4.041	56	91950	236.751	ug/l	99
14) Allyl chloride	4.838	41	888551	47.307	ug/l	96
15) Acrylonitrile	5.556	53	1702815	242.806	ug/l	99
16) Acetone	4.288	43	1755778	214.122	ug/l	97
17) Carbon Disulfide	4.524	76	856053	42.629	ug/l	99
18) Methyl Acetate	4.854	43	1213755	45.535	ug/l	92
19) Methyl tert-butyl Ether	5.618	73	1772784	49.308	ug/l	97
20) Methylene Chloride	5.095	84	524020	45.067	ug/l	87
21) trans-1,2-Dichloroethene	5.597	96	446410	47.046	ug/l	88
22) Diisopropyl ether	6.498	45	2021628	49.967	ug/l	96
23) Vinyl Acetate	6.436	43	7878320	251.760	ug/l	96
24) 1,1-Dichloroethane	6.385	63	1004466	48.742	ug/l	99
25) 2-Butanone	7.337	43	2617345	235.726	ug/l	92
26) 2,2-Dichloropropane	7.327	77	772684	47.922	ug/l	97
27) cis-1,2-Dichloroethene	7.327	96	585390	49.767	ug/l	89
28) Bromochloromethane	7.659	49	540023	51.171	ug/l #	81
29) Tetrahydrofuran	7.686	42	1665943	244.494	ug/l	91
30) Chloroform	7.817	83	1063427	50.335	ug/l	98
31) Cyclohexane	8.094	56	929802	44.781	ug/l	91
32) 1,1,1-Trichloroethane	8.013	97	887361	50.319	ug/l	96
36) 1,1-Dichloropropene	8.222	75	740502	50.085	ug/l	97
37) Ethyl Acetate	7.415	43	1023590	51.216	ug/l	95
38) Carbon Tetrachloride	8.206	117	719128	50.380	ug/l	99
39) Methylcyclohexane	9.459	83	910787	49.521	ug/l	91
40) Benzene	8.461	78	2286413	50.101	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.638	41	507573	49.150	ug/l	91
42) 1,2-Dichloroethane	8.531	62	899056	50.314	ug/l	98
43) Isopropyl Acetate	8.563	43	1598010	49.780	ug/l	95
44) Trichloroethene	9.217	130	548629	50.232	ug/l	92
45) 1,2-Dichloropropane	9.491	63	621745	50.994	ug/l	99
46) Dibromomethane	9.579	93	411472	50.384	ug/l	92
47) Bromodichloromethane	9.762	83	798395	52.390	ug/l	100
48) Methyl methacrylate	9.561	41	737211	48.812	ug/l	94
49) 1,4-Dioxane	9.571	88	268865	902.256	ug/l	88
51) 4-Methyl-2-Pentanone	10.333	43	5402964	260.751	ug/l	96
52) Toluene	10.505	92	1482907	52.159	ug/l	98
53) t-1,3-Dichloropropene	10.719	75	850484	45.633	ug/l	99
54) cis-1,3-Dichloropropene	10.191	75	921339	46.778	ug/l	90
55) 1,1,2-Trichloroethane	10.899	97	609362	53.171	ug/l	99
56) Ethyl methacrylate	10.762	69	1007644	46.793	ug/l	87
57) 1,3-Dichloropropane	11.046	76	1043028	51.793	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.043	63	1157521	212.222	ug/l	92
59) 2-Hexanone	11.087	43	3938525	225.908	ug/l	94
60) Dibromochloromethane	11.240	129	589705	47.032	ug/l	99
61) 1,2-Dibromoethane	11.347	107	620907	48.571	ug/l	99
64) Tetrachloroethene	10.979	164	501432	48.278	ug/l	92
65) Chlorobenzene	11.771	112	1594560	49.803	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.843	131	575812	51.850	ug/l	99
67) Ethyl Benzene	11.846	91	2992447	50.676	ug/l	96
68) m/p-Xylenes	11.956	106	2206418	101.595	ug/l	94
69) o-Xylene	12.280	106	1112541	51.385	ug/l	95
70) Styrene	12.296	104	1826591	47.079	ug/l	97
71) Bromoform	12.460	173	420854	44.080	ug/l #	100
73) Isopropylbenzene	12.581	105	2961291	47.307	ug/l	98
74) N-amyl acetate	12.387	43	1289286	48.600	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.827	83	986992	46.750	ug/l	99
76) 1,2,3-Trichloropropane	12.881	75	940436m	51.833	ug/l	
77) Bromobenzene	12.862	156	676884	47.281	ug/l	83
78) n-propylbenzene	12.921	91	3405030	48.342	ug/l	96
79) 2-Chlorotoluene	13.010	91	2046609	46.928	ug/l	95
80) 1,3,5-Trimethylbenzene	13.061	105	2425625	47.933	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.626	75	250291	42.098	ug/l	92
82) 4-Chlorotoluene	13.106	91	1971181	47.414	ug/l	94
83) tert-Butylbenzene	13.326	119	2144855	48.366	ug/l	94
84) 1,2,4-Trimethylbenzene	13.369	105	2395852	49.041	ug/l	98
85) sec-Butylbenzene	13.503	105	3031644	48.939	ug/l	98
86) p-Isopropyltoluene	13.616	119	2453525	49.892	ug/l	97
87) 1,3-Dichlorobenzene	13.616	146	1205421	48.566	ug/l	97
88) 1,4-Dichlorobenzene	13.696	146	1166245	47.896	ug/l	98
89) n-Butylbenzene	13.943	91	2033283	49.581	ug/l	98
90) Hexachloroethane	14.211	117	398542	44.346	ug/l	86
91) 1,2-Dichlorobenzene	13.991	146	1173119	49.671	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.605	75	169480	43.423	ug/l	82
93) 1,2,4-Trichlorobenzene	15.265	180	538826	43.943	ug/l	97
94) Hexachlorobutadiene	15.370	225	302968	49.369	ug/l	99
95) Naphthalene	15.507	128	1425698	41.665	ug/l	99
96) 1,2,3-Trichlorobenzene	15.702	180	524565	44.688	ug/l	99

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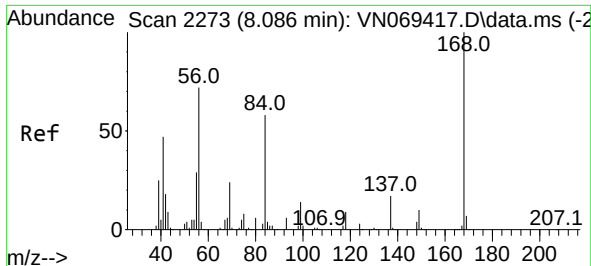
Manual Integrations
APPROVED

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QLast Update : Tue Nov 09 18:18:22 2021
Response via : Initial Calibration

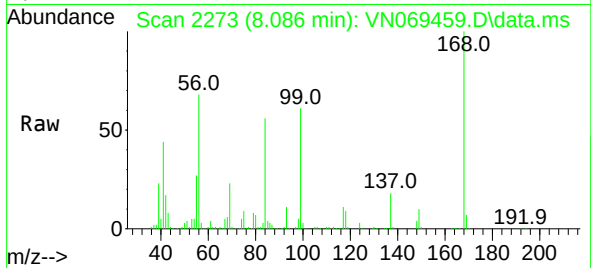
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



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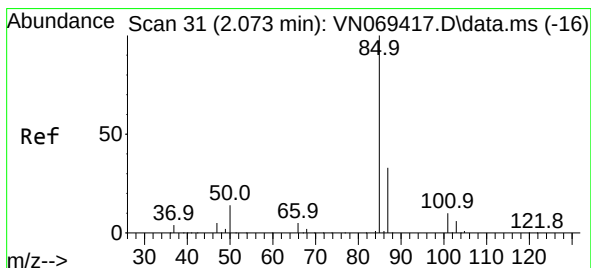
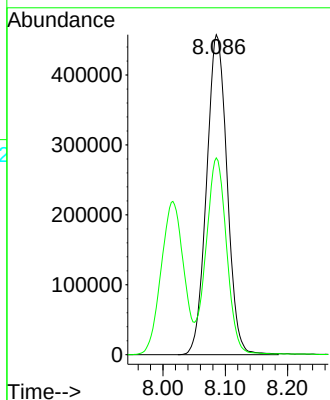
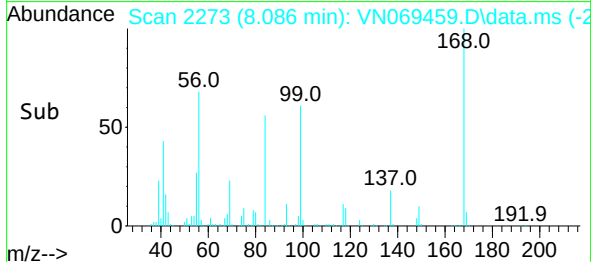
Instrument :
MSVOA_N
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VSTDCCC050EC



Tgt Ion:168 Resp: 104816
Ion Ratio Lower Upper
168 100
99 61.2 41.3 61.9

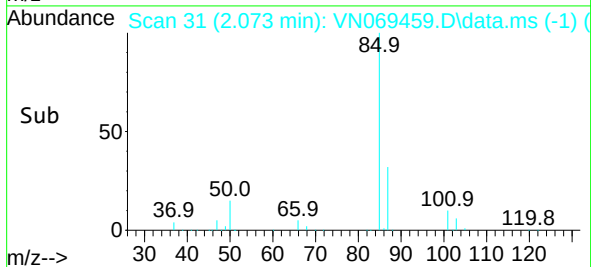
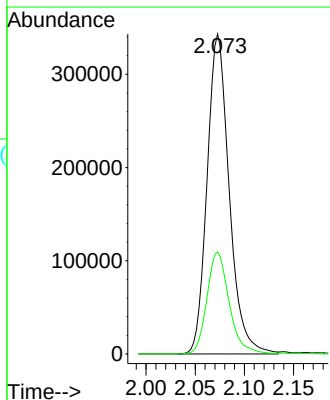
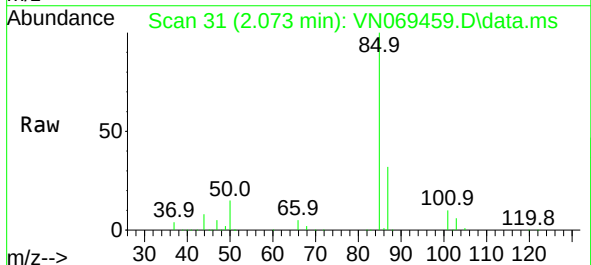
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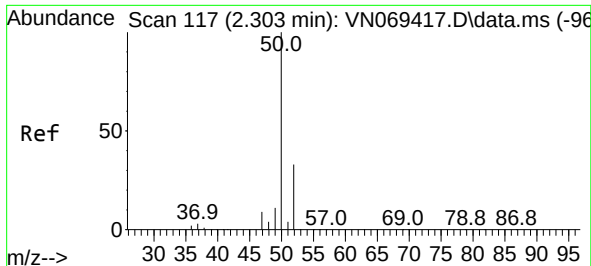
Reviewed By :John Carlone 11/12/2021
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#2
Dichlorodifluoromethane
Concen: 48.043 ug/l
RT: 2.073 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN069459.D
Acq: 11 Nov 2021 17:38

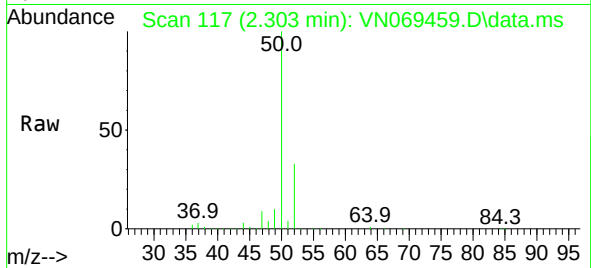
Tgt Ion: 85 Resp: 537992
Ion Ratio Lower Upper
85 100
87 31.9 16.3 48.9





#3
Chloromethane
Concen: 44.646 ug/l
RT: 2.303 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN069459.D
Acq: 11 Nov 2021 17:38

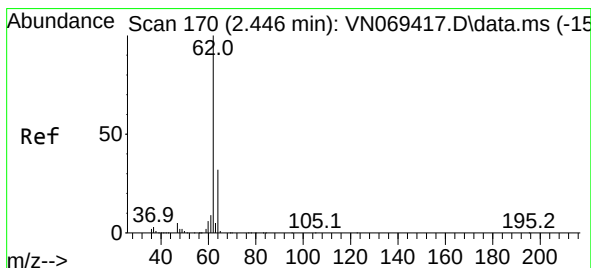
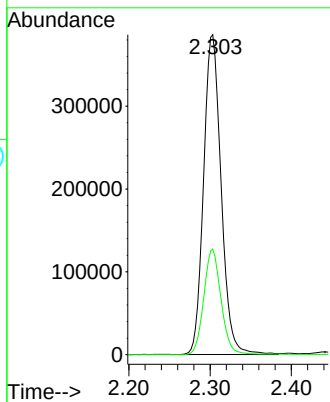
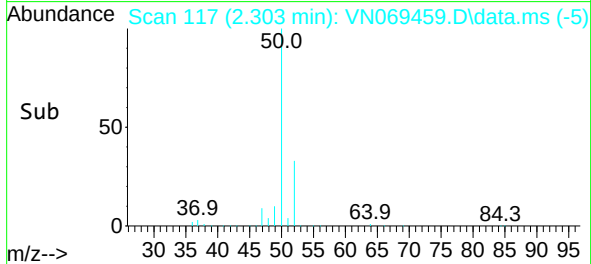
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Tgt Ion: 50 Resp: 57980
Ion Ratio Lower Upper
50 100
52 33.0 25.4 38.0

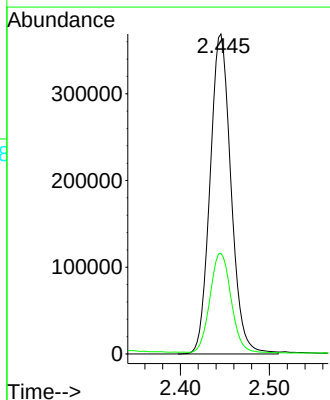
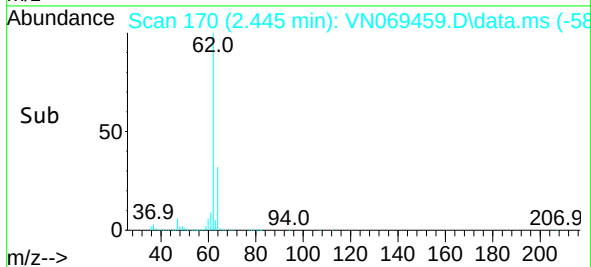
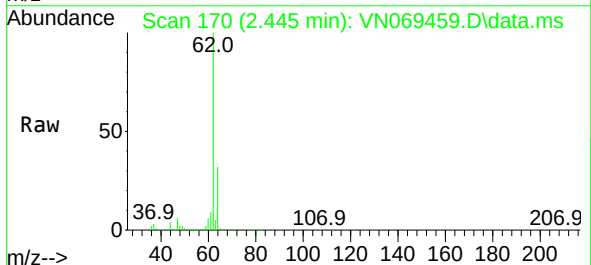
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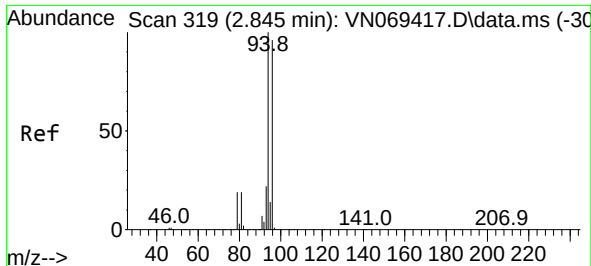
Reviewed By :John Carlone 11/12/2021
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#4
Vinyl Chloride
Concen: 46.383 ug/l
RT: 2.445 min Scan# 170
Delta R.T. -0.001 min
Lab File: VN069459.D
Acq: 11 Nov 2021 17:38

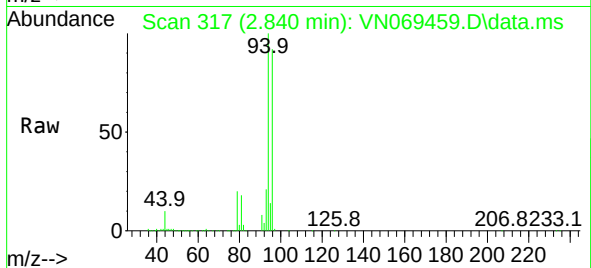
Tgt Ion: 62 Resp: 603138
Ion Ratio Lower Upper
62 100
64 31.1 25.8 38.6





#5
Bromomethane
Concen: 43.318 ug/l
RT: 2.840 min Scan# 319
Delta R.T. -0.005 min
Lab File: VN069459.D
Acq: 11 Nov 2021 17:38

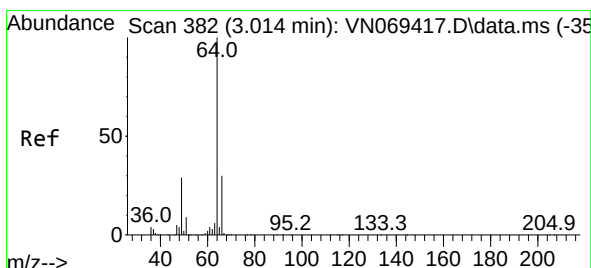
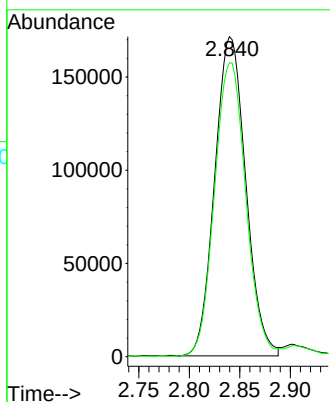
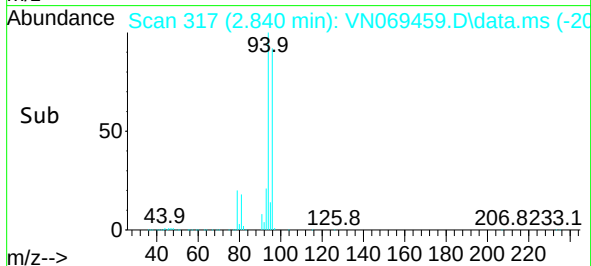
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Tgt Ion: 94 Resp: 36582
Ion Ratio Lower Upper
94 100
96 91.9 73.8 110.8

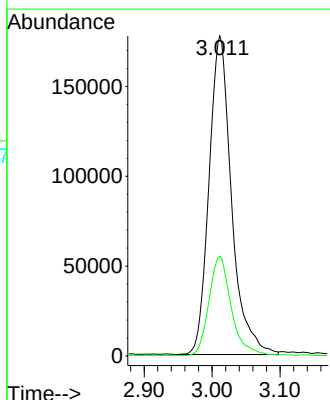
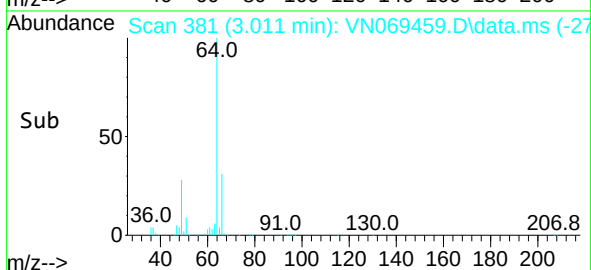
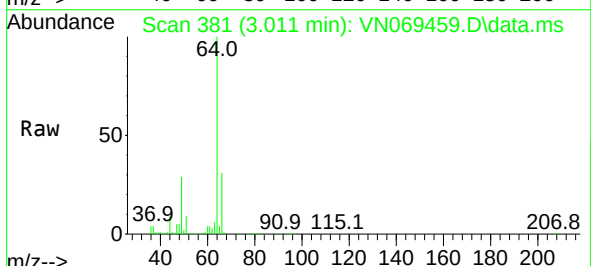
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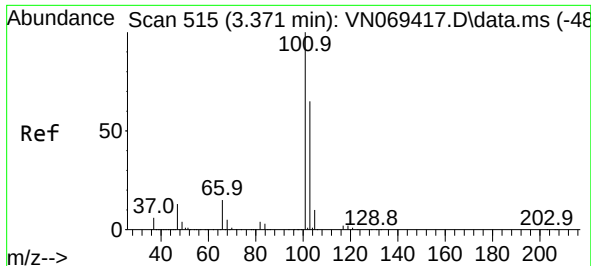
Reviewed By :John Carlone 11/12/2021
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#6
Chloroethane
Concen: 46.460 ug/l
RT: 3.011 min Scan# 381
Delta R.T. -0.003 min
Lab File: VN069459.D
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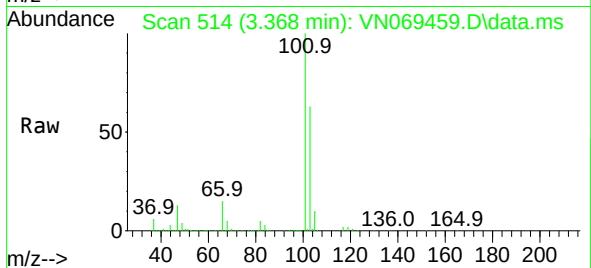
Tgt Ion: 64 Resp: 407781
Ion Ratio Lower Upper
64 100
66 31.3 26.3 39.5





#7
Trichlorofluoromethane
Concen: 46.975 ug/l
RT: 3.368 min Scan# 515
Delta R.T. -0.003 min
Lab File: VN069459.D
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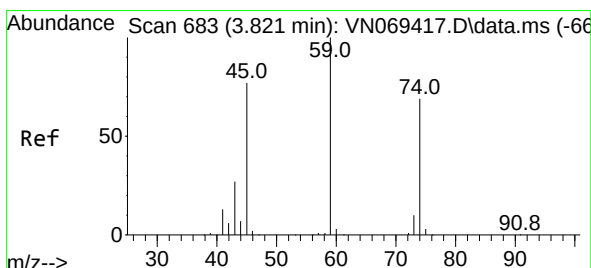
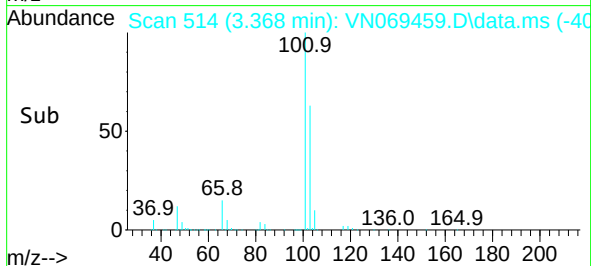
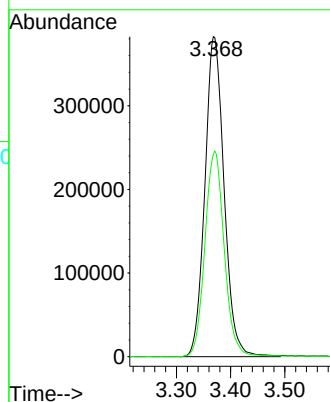
Instrument :
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Tgt Ion:101 Resp: 944052
Ion Ratio Lower Upper
101 100
103 63.2 50.1 75.1

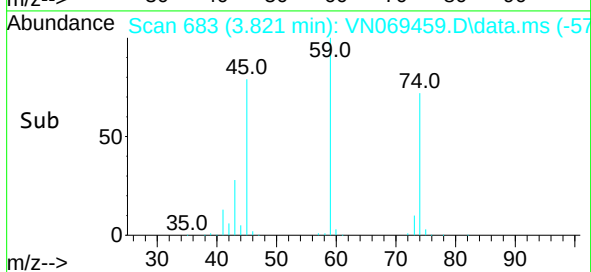
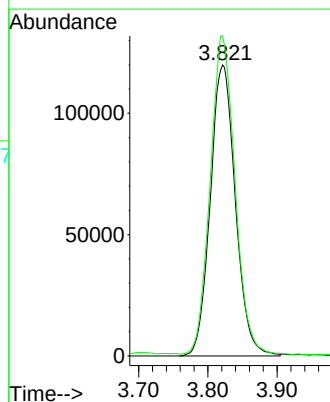
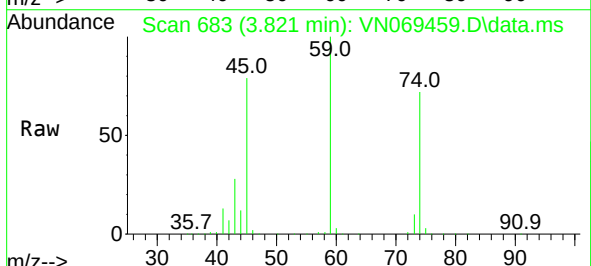
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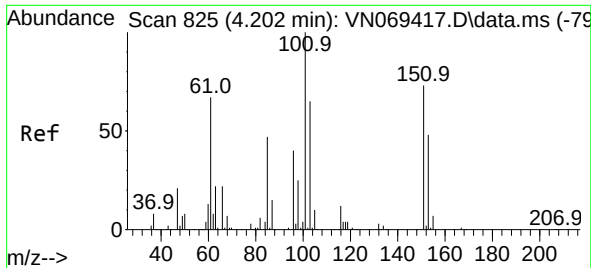
Reviewed By :John Carlone 11/12/2021
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#8
Diethyl Ether
Concen: 46.478 ug/l
RT: 3.821 min Scan# 683
Delta R.T. 0.000 min
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Tgt Ion: 74 Resp: 302210
Ion Ratio Lower Upper
74 100
45 108.0 47.0 141.2





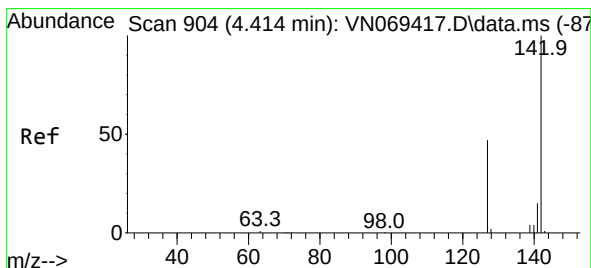
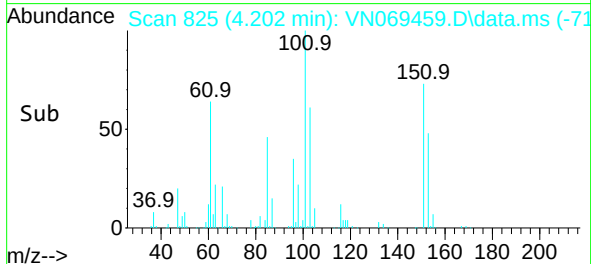
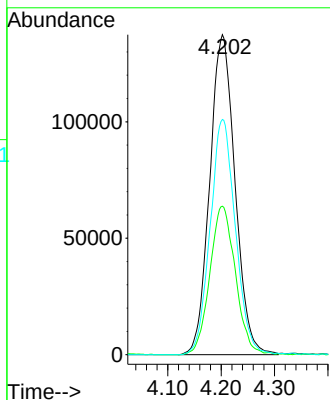
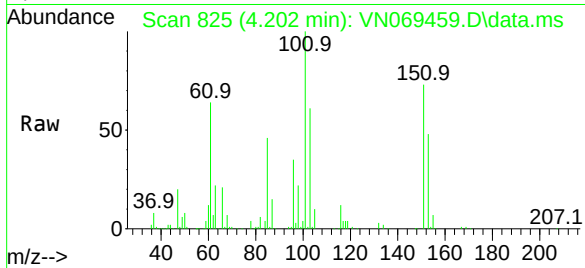
#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.865 ug/l
RT: 4.202 min Scan# 81
Delta R.T. 0.000 min
Lab File: VN069459.D
Acq: 11 Nov 2021 17:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 453124
Ion Ratio Lower Upper
101 100
85 46.7 37.2 55.8
151 73.3 65.9 98.9

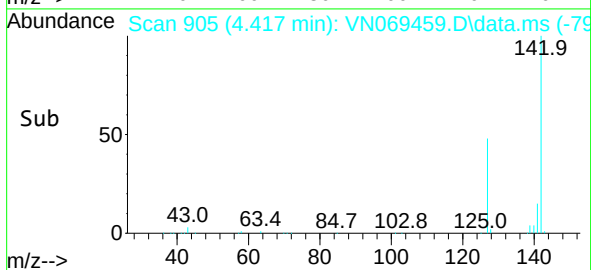
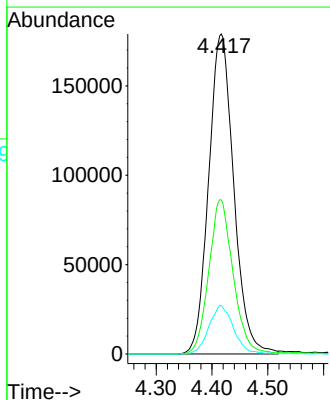
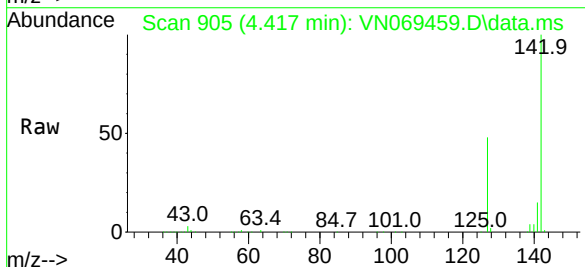
Manual Integrations
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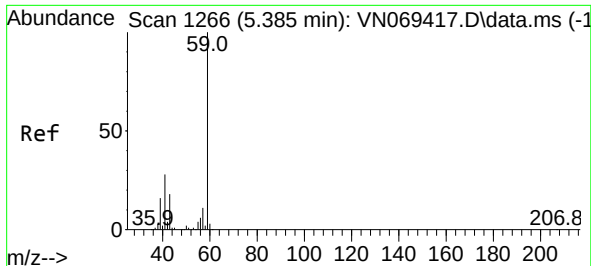
Reviewed By :John Carlone 11/12/2021
Supervised By :Mahesh Dadoda 11/17/2021



#10
Methyl Iodide
Concen: 48.176 ug/l
RT: 4.417 min Scan# 905
Delta R.T. 0.003 min
Lab File: VN069459.D
Acq: 11 Nov 2021 17:38

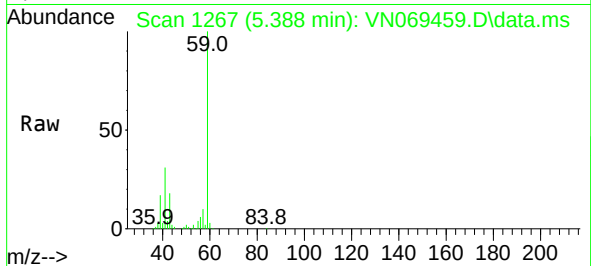
Tgt Ion:142 Resp: 559379
Ion Ratio Lower Upper
142 100
127 46.7 35.4 53.0
141 14.8 11.6 17.4





#11
Tert butyl alcohol
Concen: 218.948 ug/l
RT: 5.388 min Scan# 11
Delta R.T. 0.003 min
Lab File: VN069459.D
Acq: 11 Nov 2021 17:38

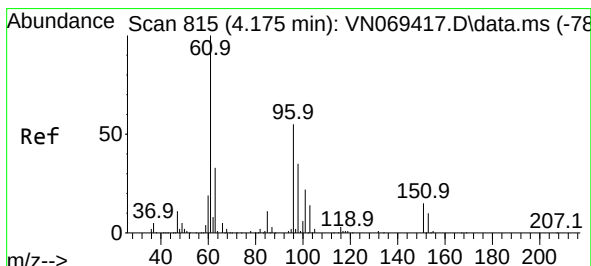
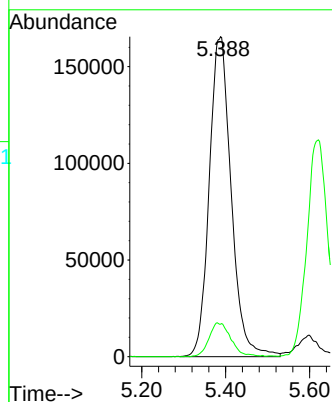
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 59 Resp: 599608
Ion Ratio Lower Upper
59 100
57 10.3 8.7 13.1

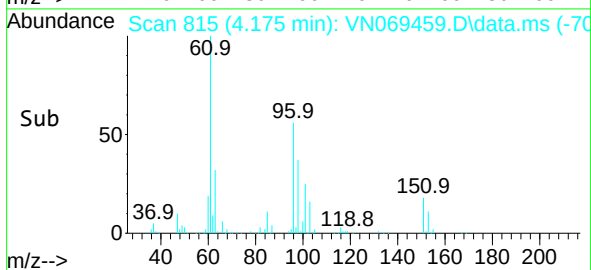
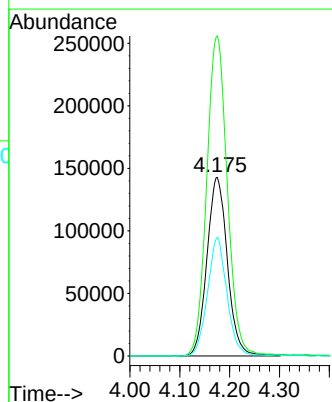
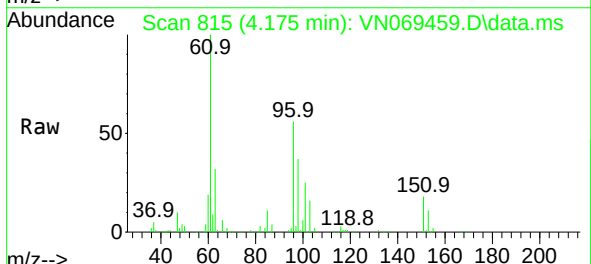
Manual Integrations
APPROVED

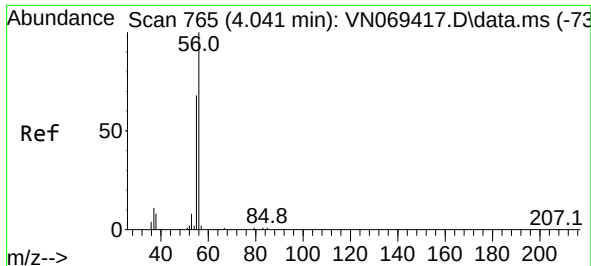
Reviewed By :John Carlone 11/12/2021
Supervised By :Mahesh Dadoda 11/17/2021



#12
1,1-Dichloroethene
Concen: 47.958 ug/l
RT: 4.175 min Scan# 815
Delta R.T. 0.000 min
Lab File: VN069459.D
Acq: 11 Nov 2021 17:38

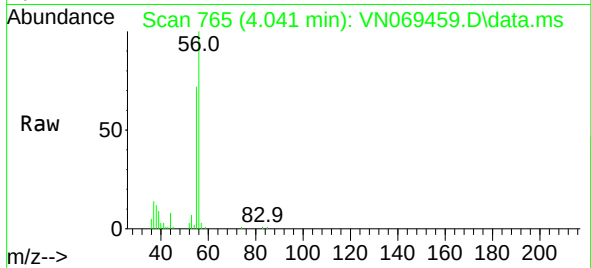
Tgt Ion: 96 Resp: 407424
Ion Ratio Lower Upper
96 100
61 179.2 131.0 196.6
98 66.4 52.4 78.6





#13
Acrolein
Concen: 236.751 ug/l
RT: 4.041 min Scan# 765
Delta R.T. 0.000 min
Lab File: VN069459.D
Acq: 11 Nov 2021 17:38

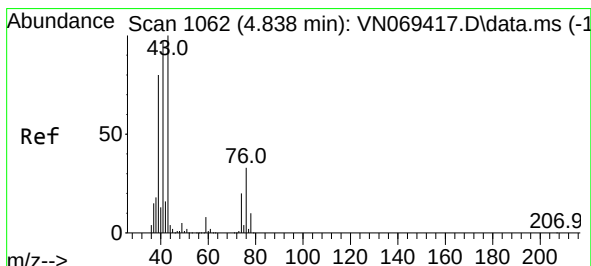
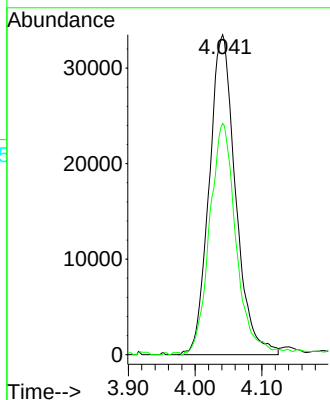
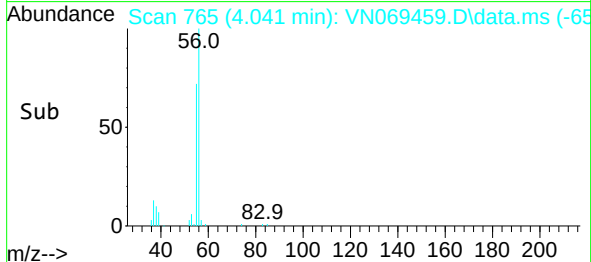
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



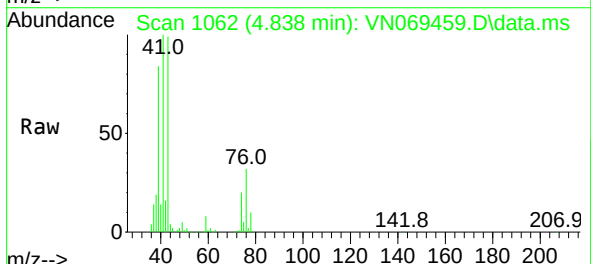
Tgt Ion: 56 Resp: 91950
Ion Ratio Lower Upper
56 100
55 71.9 56.6 85.0

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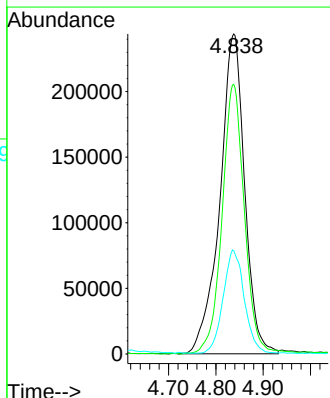
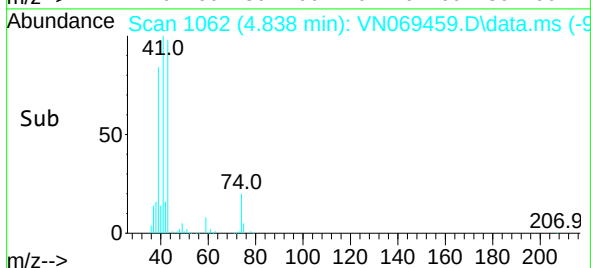
Reviewed By :John Carlone 11/12/2021
Supervised By :Mahesh Dadoda 11/17/2021

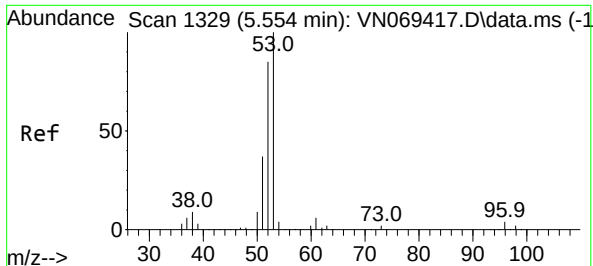


#14
Allyl chloride
Concen: 47.307 ug/l
RT: 4.838 min Scan# 1062
Delta R.T. -0.000 min
Lab File: VN069459.D
Acq: 11 Nov 2021 17:38



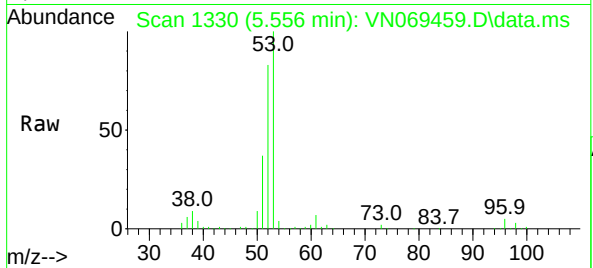
Tgt Ion: 41 Resp: 888551
Ion Ratio Lower Upper
41 100
39 74.8 61.2 91.8
76 27.3 26.0 39.0





#15
Acrylonitrile
Concen: 242.806 ug/l
RT: 5.556 min Scan# 11
Delta R.T. 0.002 min
Lab File: VN069459.D
Acq: 11 Nov 2021 17:38

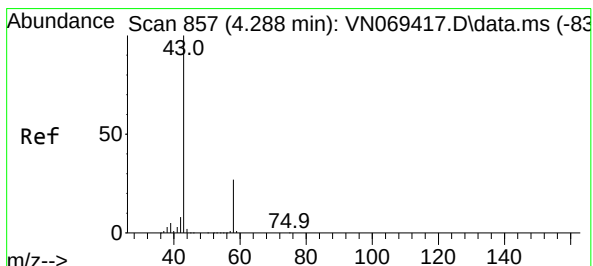
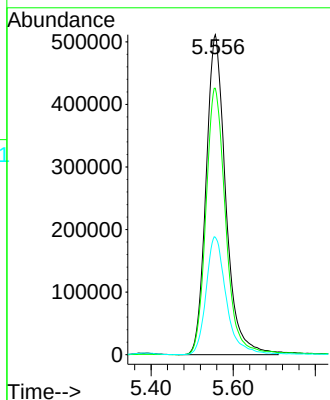
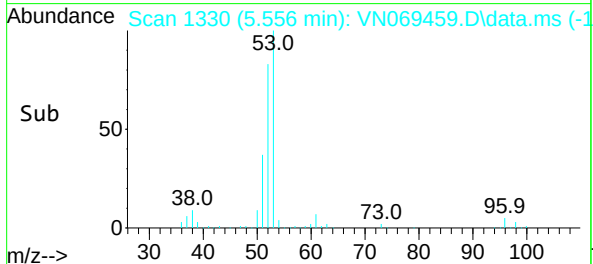
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



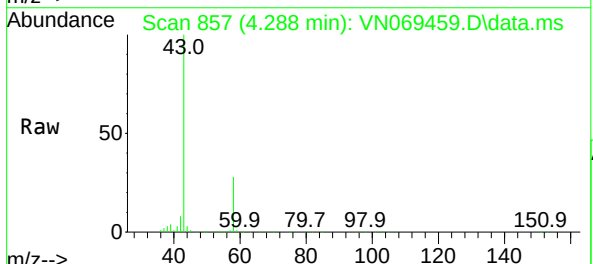
Tgt Ion: 53 Resp: 170281
Ion Ratio Lower Upper
53 100
52 83.4 66.2 99.2
51 37.6 29.6 44.4

Manual Integrations
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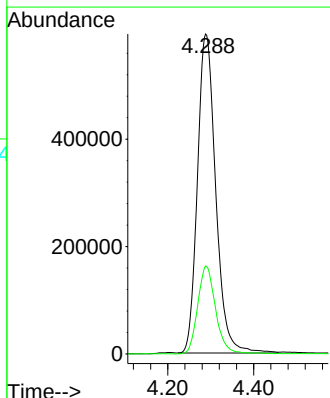
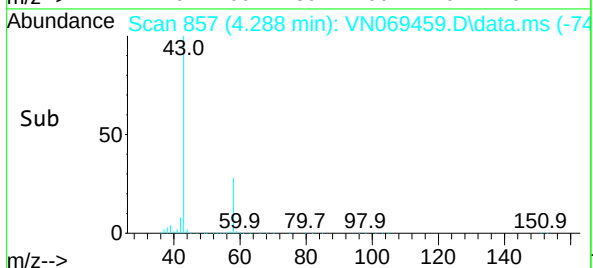
Reviewed By :John Carlone 11/12/2021
Supervised By :Mahesh Dadoda 11/17/2021

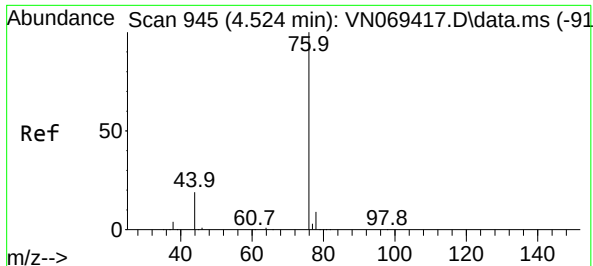


#16
Acetone
Concen: 214.122 ug/l
RT: 4.288 min Scan# 857
Delta R.T. -0.000 min
Lab File: VN069459.D
Acq: 11 Nov 2021 17:38



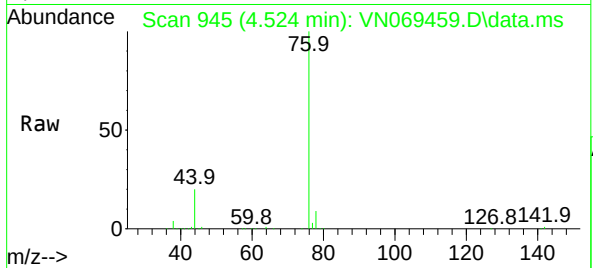
Tgt Ion: 43 Resp: 1755778
Ion Ratio Lower Upper
43 100
58 27.6 23.1 34.7





#17
Carbon Disulfide
Concen: 42.629 ug/l
RT: 4.524 min Scan# 945
Delta R.T. -0.000 min
Lab File: VN069459.D
Acq: 11 Nov 2021 17:38

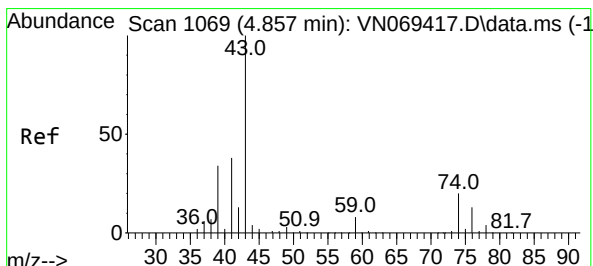
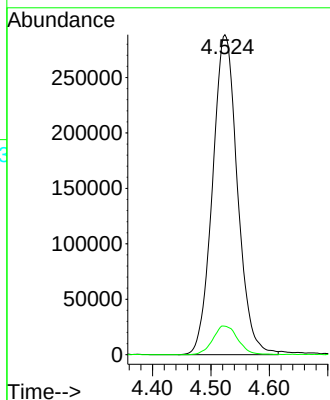
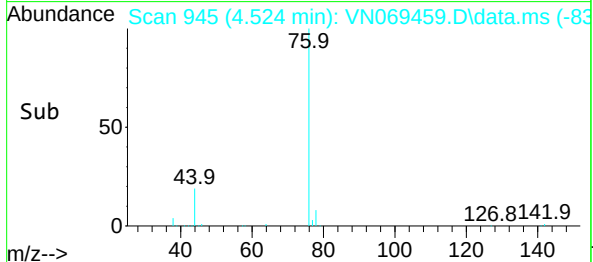
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



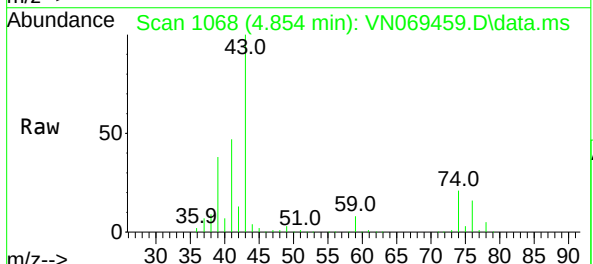
Tgt Ion: 76 Resp: 85605
Ion Ratio Lower Upper
76 100
78 8.9 7.5 11.3

Manual Integrations
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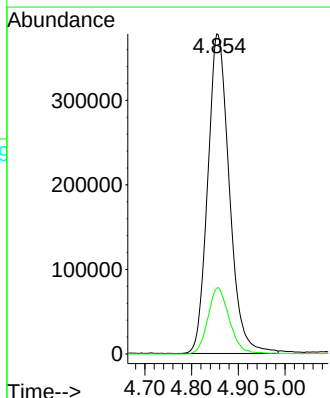
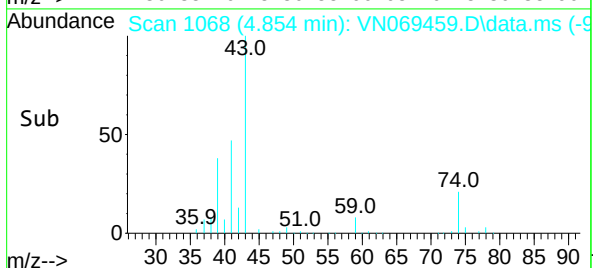
Reviewed By :John Carlone 11/12/2021
Supervised By :Mahesh Dadoda 11/17/2021

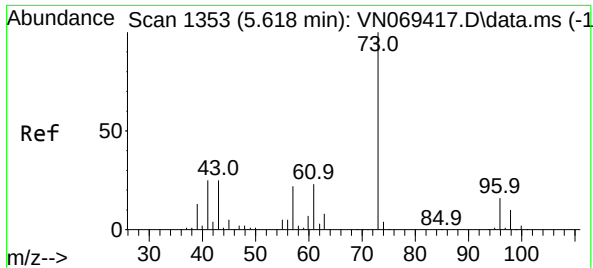


#18
Methyl Acetate
Concen: 45.535 ug/l
RT: 4.854 min Scan# 1068
Delta R.T. -0.003 min
Lab File: VN069459.D
Acq: 11 Nov 2021 17:38



Tgt Ion: 43 Resp: 1213755
Ion Ratio Lower Upper
43 100
74 20.5 19.4 29.2





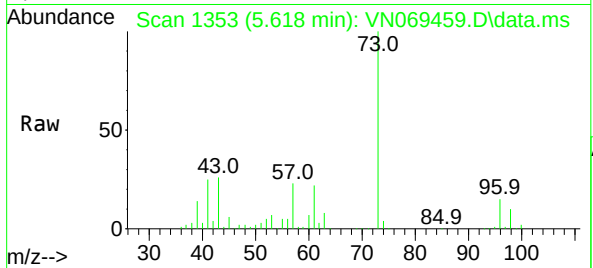
#19
Methyl tert-butyl Ether
Concen: 49.308 ug/l
RT: 5.618 min Scan# 1153
Delta R.T. 0.000 min
Lab File: VN069459.D
Acq: 11 Nov 2021 17:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

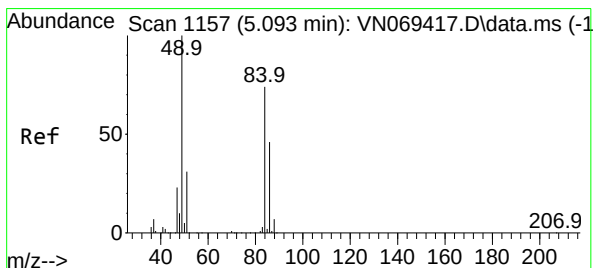
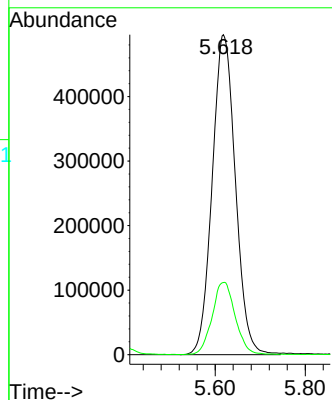
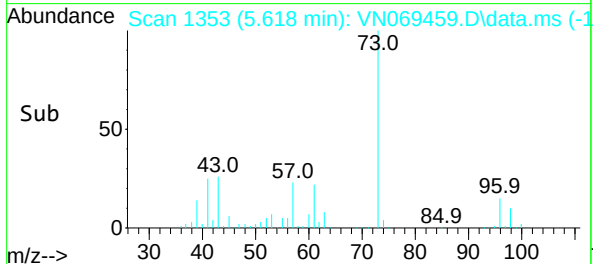


Tgt Ion: 73 Resp: 1772784
Ion Ratio Lower Upper
73 100
57 22.5 16.8 25.2

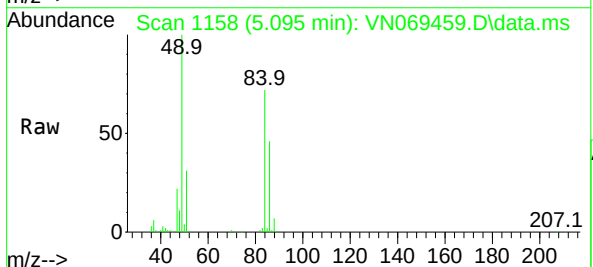
Manual Integrations

APPROVED

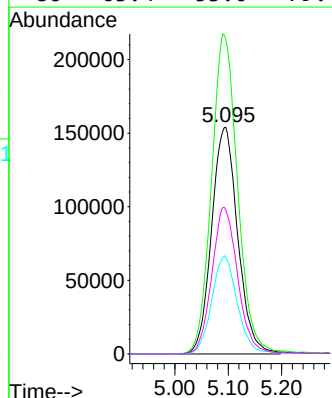
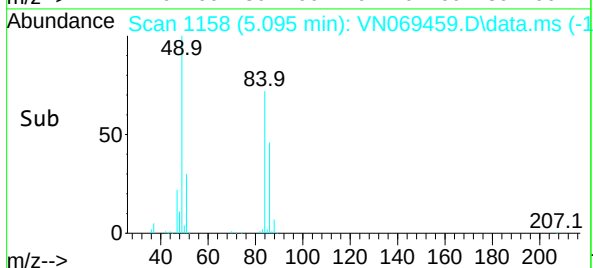
Reviewed By :John Carlone 11/12/2021
Supervised By :Mahesh Dadoda 11/17/2021

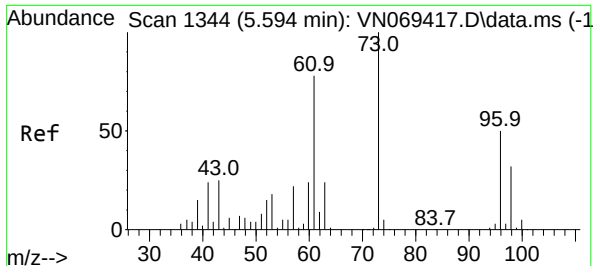


#20
Methylene Chloride
Concen: 45.067 ug/l
RT: 5.095 min Scan# 1158
Delta R.T. 0.002 min
Lab File: VN069459.D
Acq: 11 Nov 2021 17:38



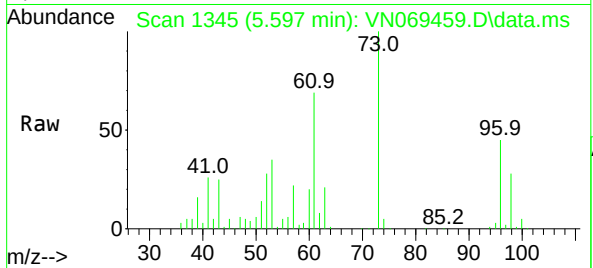
Tgt Ion: 84 Resp: 524020
Ion Ratio Lower Upper
84 100
49 138.7 93.5 140.3
51 42.4 29.4 44.2
86 63.4 53.0 79.4





#21
trans-1,2-Dichloroethene
Concen: 47.046 ug/l
RT: 5.597 min Scan# 11
Delta R.T. 0.003 min
Lab File: VN069459.D
Acq: 11 Nov 2021 17:38

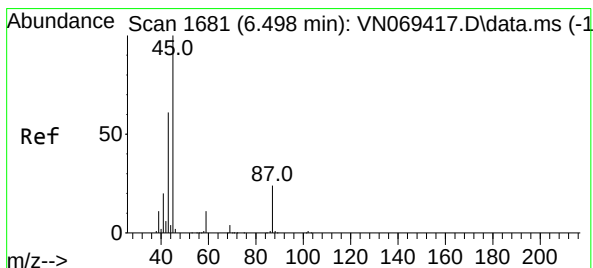
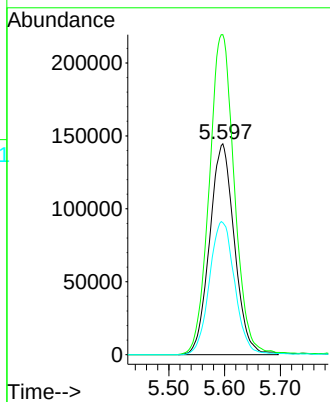
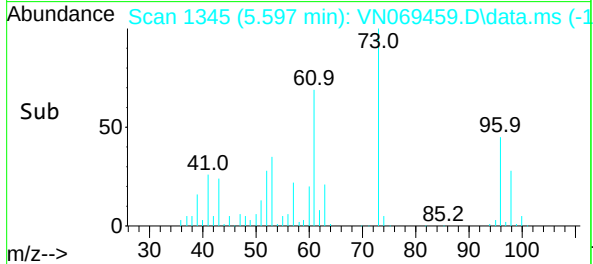
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 446410
Ion Ratio Lower Upper
96 100
61 151.6 105.8 158.6
98 62.6 52.0 78.0

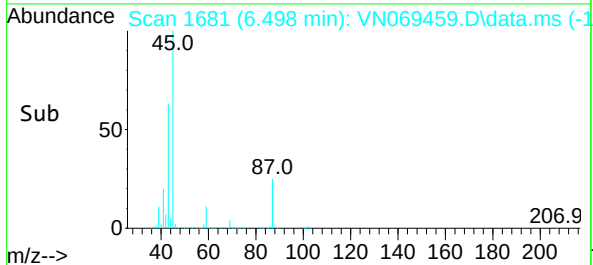
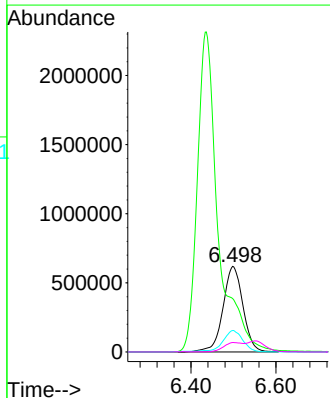
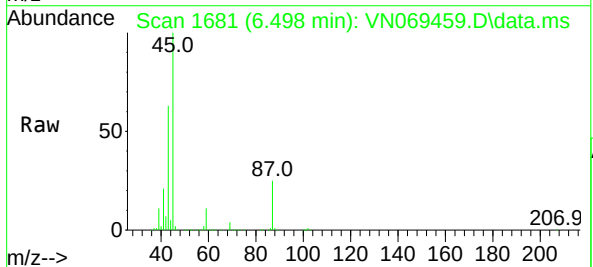
Manual Integrations
APPROVED

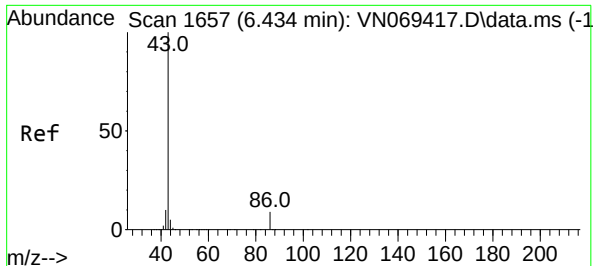
Reviewed By :John Carlone 11/12/2021
Supervised By :Mahesh Dadoda 11/17/2021



#22
Diisopropyl ether
Concen: 49.967 ug/l
RT: 6.498 min Scan# 1681
Delta R.T. -0.000 min
Lab File: VN069459.D
Acq: 11 Nov 2021 17:38

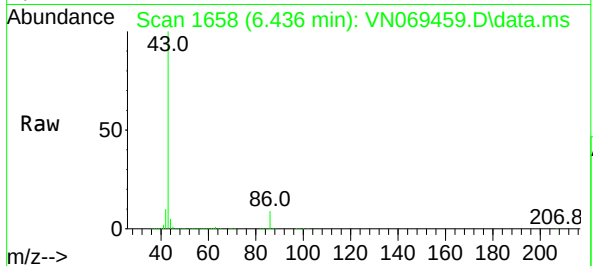
Tgt Ion: 45 Resp: 2021628
Ion Ratio Lower Upper
45 100
43 62.0 51.7 77.5
87 25.0 23.2 34.8
59 10.9 9.4 14.0





#23
 Vinyl Acetate
 Concen: 251.760 ug/l
 RT: 6.436 min Scan# 1658
 Delta R.T. 0.002 min
 Lab File: VN069459.D
 Acq: 11 Nov 2021 17:38

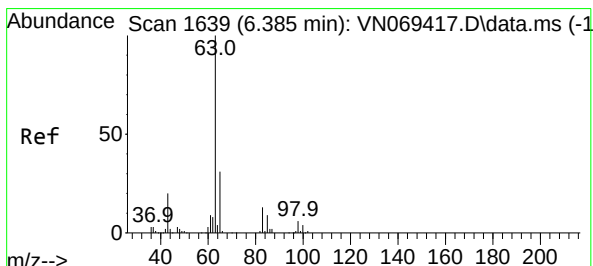
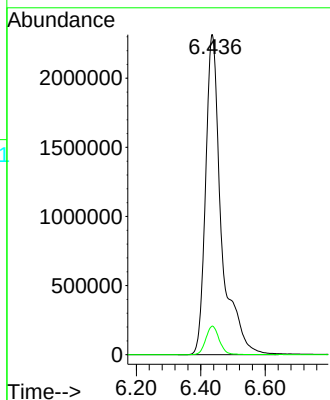
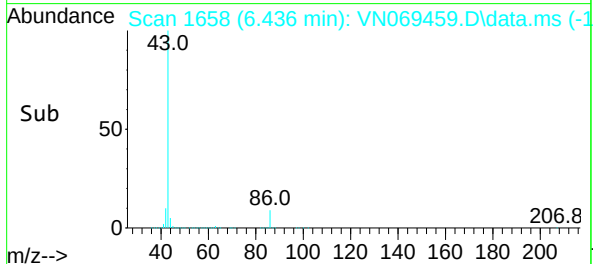
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



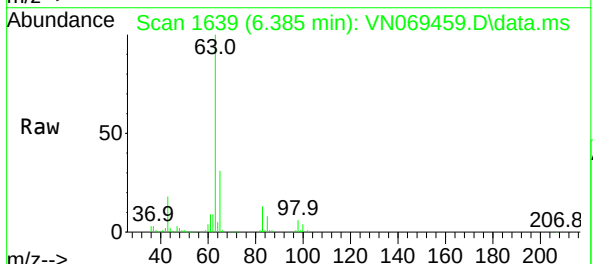
Tgt Ion: 43 Resp: 7878320
 Ion Ratio Lower Upper
 43 100
 86 8.9 8.5 12.7

Manual Integrations
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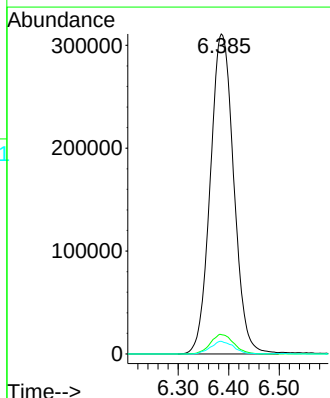
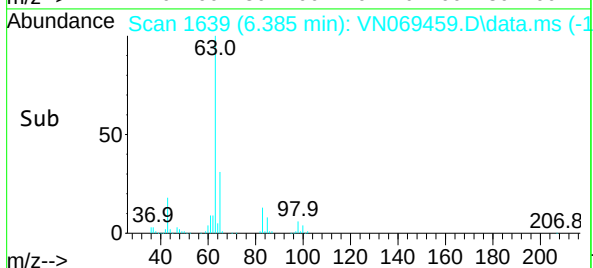
Reviewed By :John Carlone 11/12/2021
 Supervised By :Mahesh Dadoda 11/17/2021

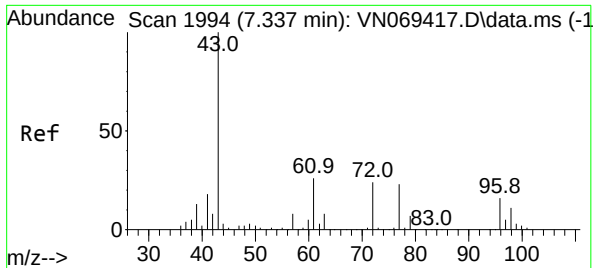


#24
 1,1-Dichloroethane
 Concen: 48.742 ug/l
 RT: 6.385 min Scan# 1639
 Delta R.T. 0.000 min
 Lab File: VN069459.D
 Acq: 11 Nov 2021 17:38



Tgt Ion: 63 Resp: 1004466
 Ion Ratio Lower Upper
 63 100
 98 6.1 3.3 9.9
 100 3.9 2.1 6.5





#25

2-Butanone

Concen: 235.726 ug/l

RT: 7.337 min Scan# 1994

Delta R.T. 0.000 min

Lab File: VN069459.D

Acq: 11 Nov 2021 17:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 261734

Ion Ratio Lower Upper

43 100

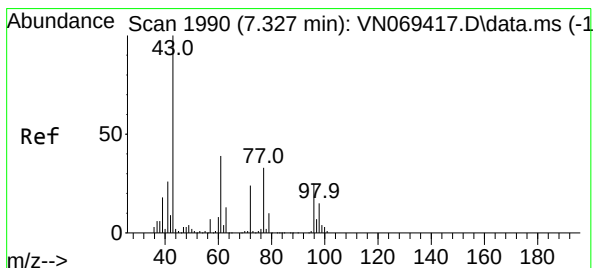
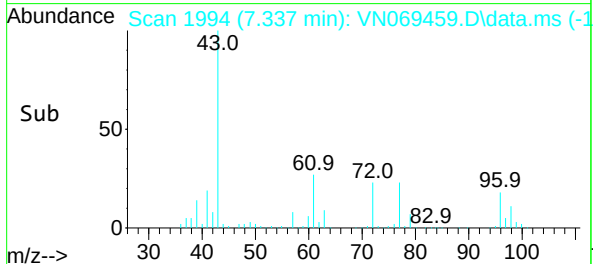
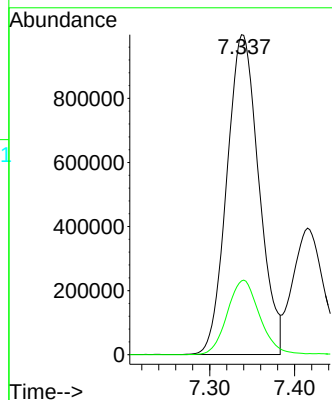
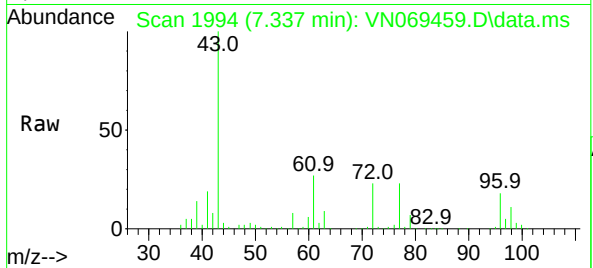
72 23.1 21.7 32.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/12/2021

Supervised By :Mahesh Dadoda 11/17/2021



#26

2,2-Dichloropropane

Concen: 47.922 ug/l

RT: 7.327 min Scan# 1990

Delta R.T. -0.000 min

Lab File: VN069459.D

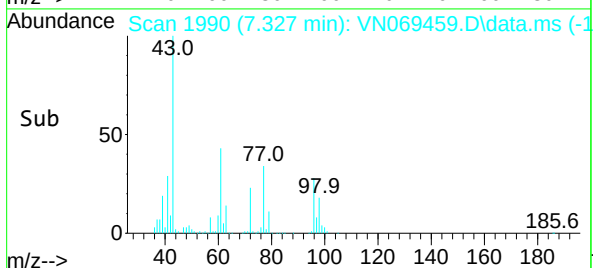
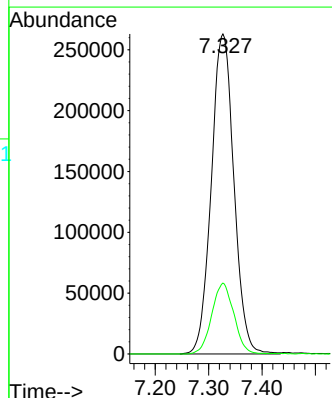
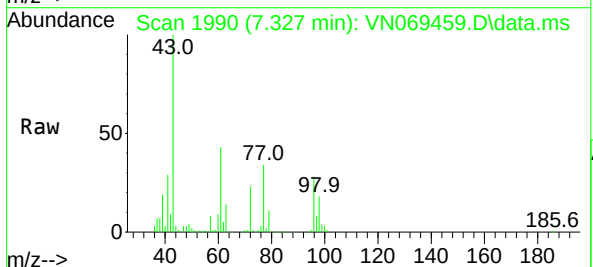
Acq: 11 Nov 2021 17:38

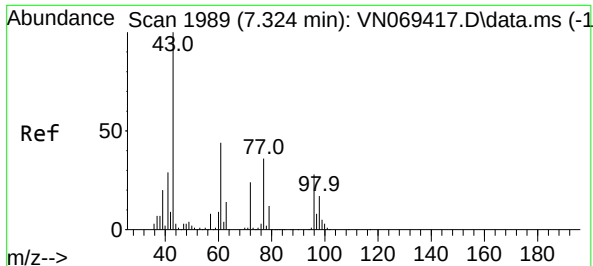
Tgt Ion: 77 Resp: 772684

Ion Ratio Lower Upper

77 100

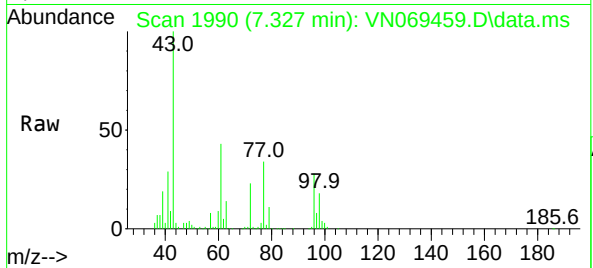
97 21.7 11.6 34.8





#27
 cis-1,2-Dichloroethene
 Concen: 49.767 ug/l
 RT: 7.327 min Scan# 1989
 Delta R.T. 0.003 min
 Lab File: VN069459.D
 Acq: 11 Nov 2021 17:38

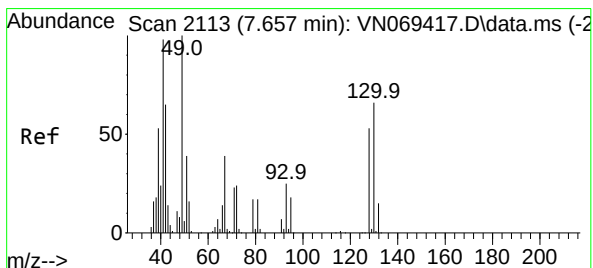
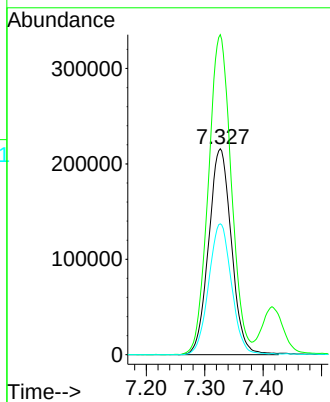
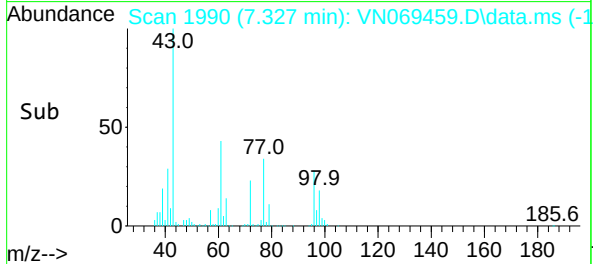
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 96 Resp: 585390
 Ion Ratio Lower Upper
 96 100
 61 155.8 0.0 275.0
 98 63.5 0.0 129.6

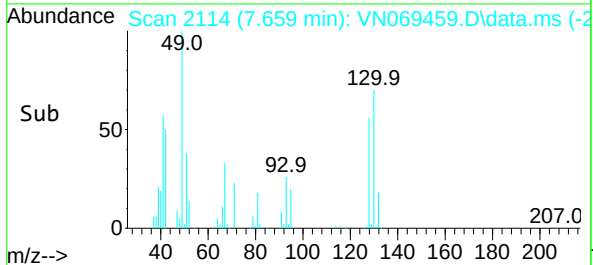
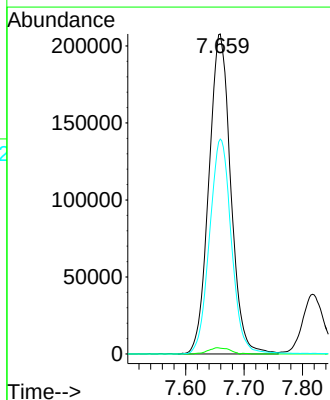
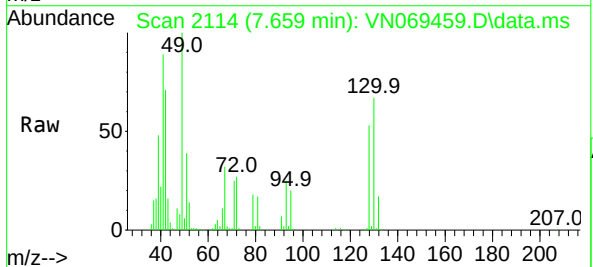
Manual Integrations
 APPROVED

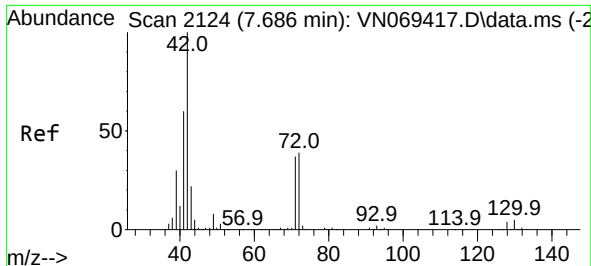
Reviewed By :John Carlone 11/12/2021
 Supervised By :Mahesh Dadoda 11/17/2021



#28
 Bromochloromethane
 Concen: 51.171 ug/l
 RT: 7.659 min Scan# 2114
 Delta R.T. 0.002 min
 Lab File: VN069459.D
 Acq: 11 Nov 2021 17:38

Tgt Ion: 49 Resp: 540023
 Ion Ratio Lower Upper
 49 100
 129 1.9 0.0 4.0
 130 67.2 67.8 101.8#





#29

Tetrahydrofuran

Concen: 244.494 ug/l

RT: 7.686 min Scan# 2124

Delta R.T. -0.000 min

Lab File: VN069459.D

Acq: 11 Nov 2021 17:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 42 Resp: 166594

Ion Ratio Lower Upper

42 100

72 39.1 36.3 54.5

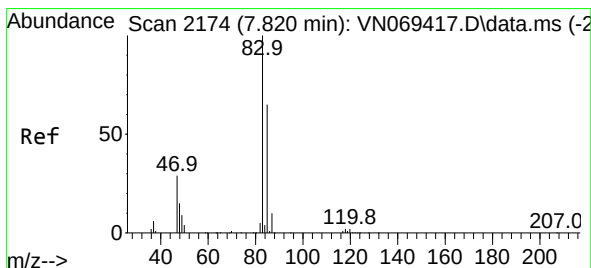
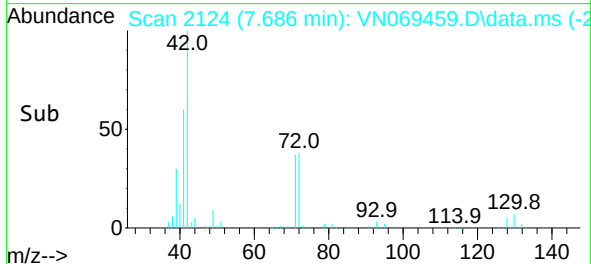
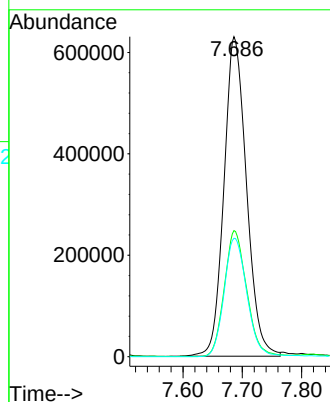
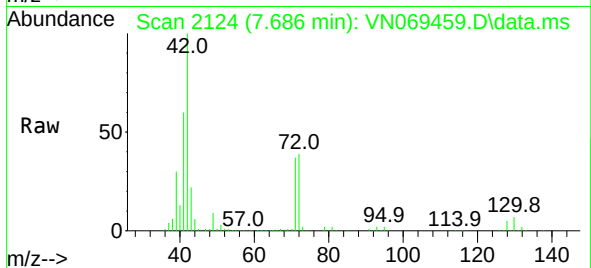
71 37.5 34.7 52.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/12/2021

Supervised By :Mahesh Dadoda 11/17/2021



#30

Chloroform

Concen: 50.335 ug/l

RT: 7.817 min Scan# 2173

Delta R.T. -0.003 min

Lab File: VN069459.D

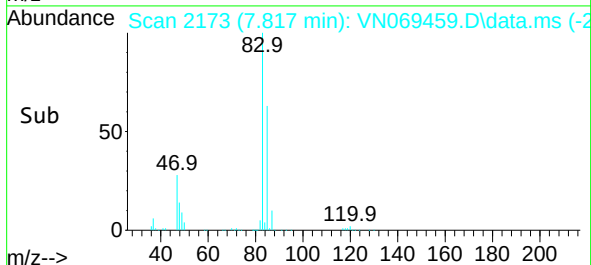
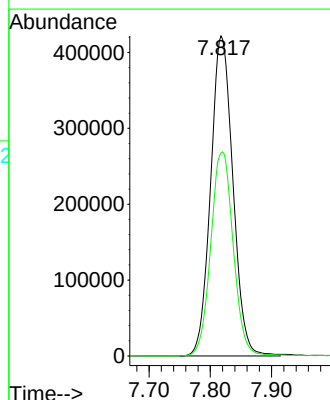
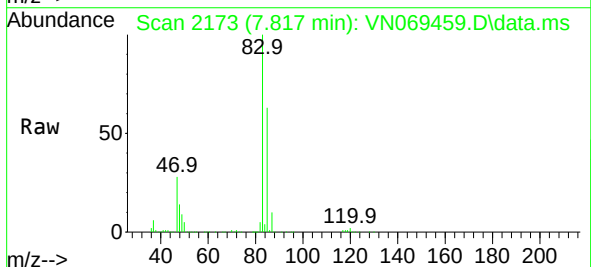
Acq: 11 Nov 2021 17:38

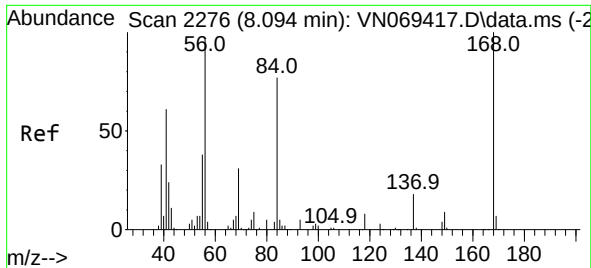
Tgt Ion: 83 Resp: 1063427

Ion Ratio Lower Upper

83 100

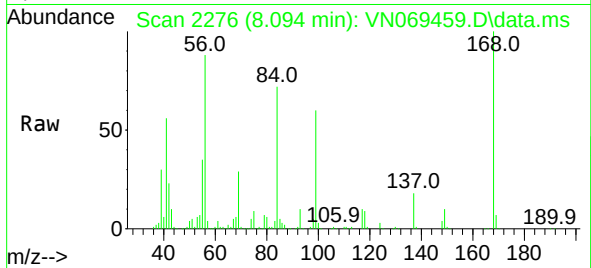
85 63.3 51.9 77.9





#31
Cyclohexane
Concen: 44.781 ug/l
RT: 8.094 min Scan# 2276
Delta R.T. -0.000 min
Lab File: VN069459.D
Acq: 11 Nov 2021 17:38

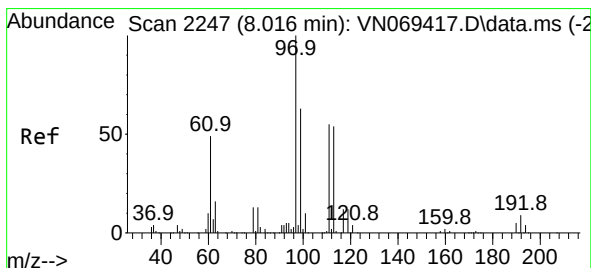
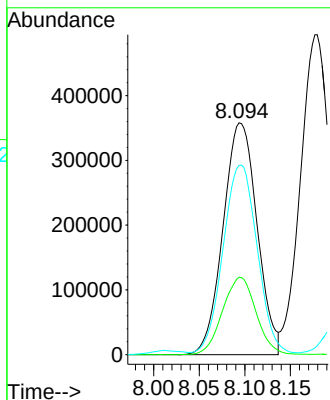
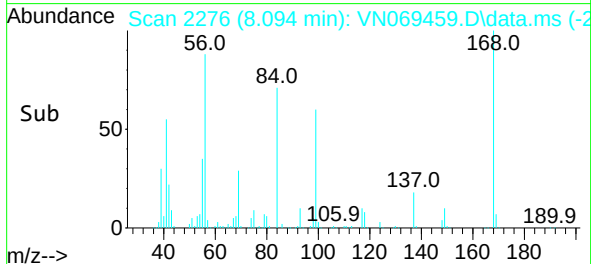
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 929802
Ion Ratio Lower Upper
56 100
69 33.4 27.1 40.7
84 80.3 73.4 110.0

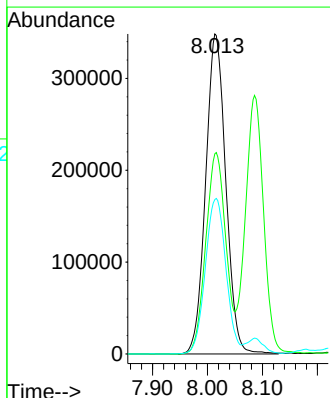
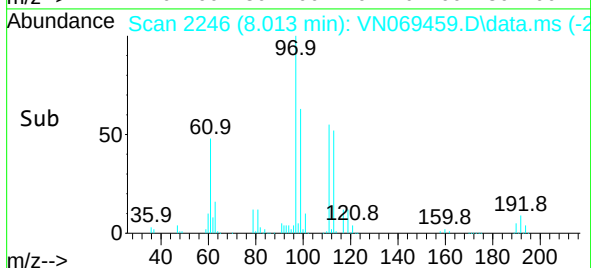
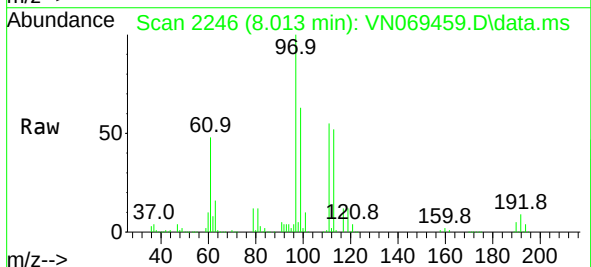
Manual Integrations
APPROVED

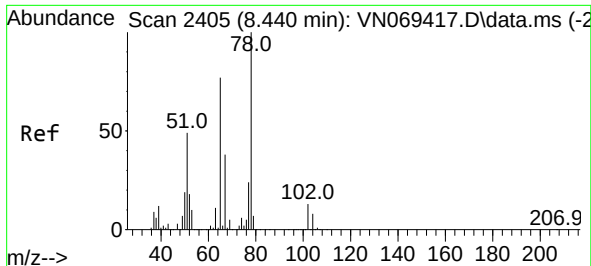
Reviewed By :John Carlone 11/12/2021
Supervised By :Mahesh Dadoda 11/17/2021



#32
1,1,1-Trichloroethane
Concen: 50.319 ug/l
RT: 8.013 min Scan# 2246
Delta R.T. -0.003 min
Lab File: VN069459.D
Acq: 11 Nov 2021 17:38

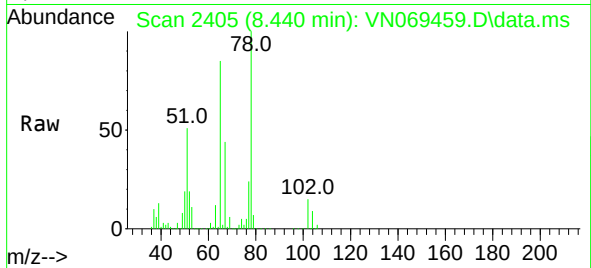
Tgt Ion: 97 Resp: 887361
Ion Ratio Lower Upper
97 100
99 62.8 50.1 75.1
61 49.7 35.2 52.8





#33
1,2-Dichloroethane-d4
Concen: 48.418 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. -0.000 min
Lab File: VN069459.D
Acq: 11 Nov 2021 17:38

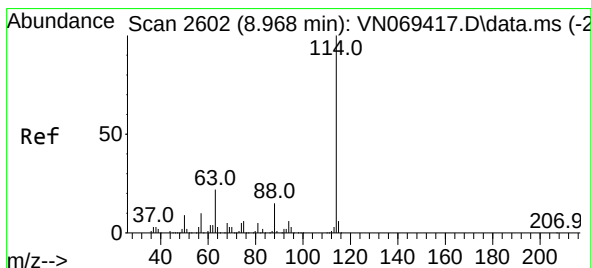
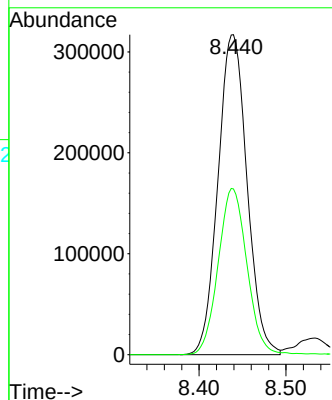
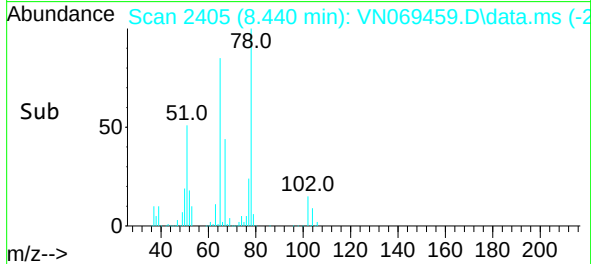
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



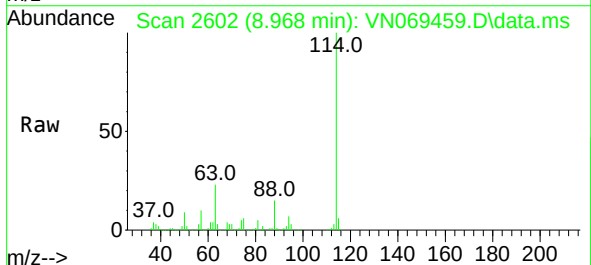
Tgt Ion: 65 Resp: 73585
Ion Ratio Lower Upper
65 100
67 51.4 0.0 103.0

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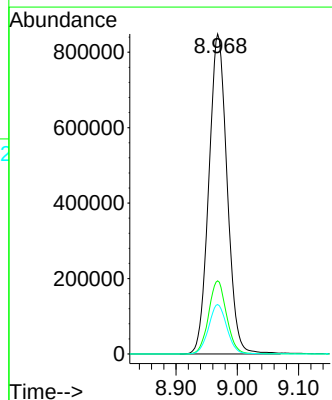
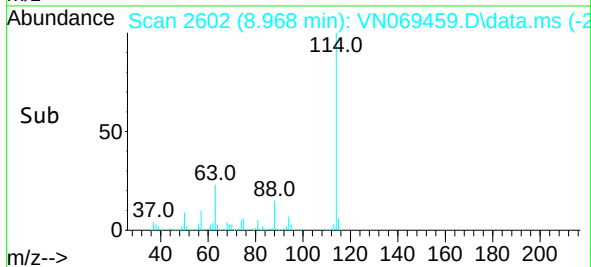
Reviewed By :John Carlone 11/12/2021
Supervised By :Mahesh Dadoda 11/17/2021

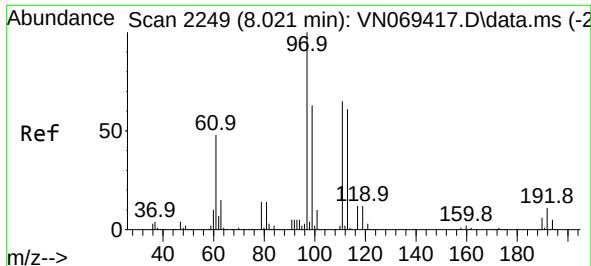


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.968 min Scan# 2602
Delta R.T. -0.000 min
Lab File: VN069459.D
Acq: 11 Nov 2021 17:38



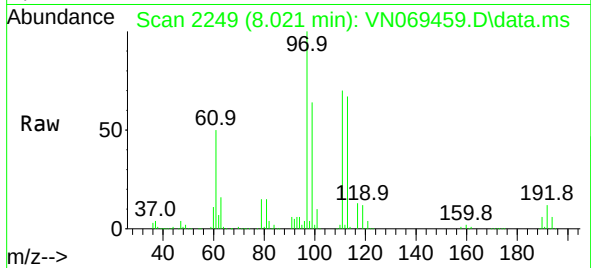
Tgt Ion:114 Resp: 1757094
Ion Ratio Lower Upper
114 100
63 22.8 0.0 37.8
88 15.4 0.0 27.4





#35
Dibromofluoromethane
Concen: 49.458 ug/l
RT: 8.021 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN069459.D
Acq: 11 Nov 2021 17:38

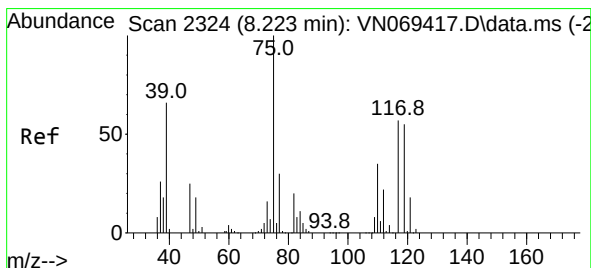
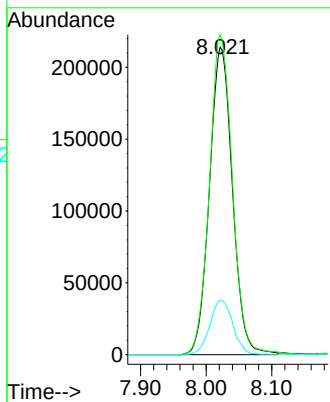
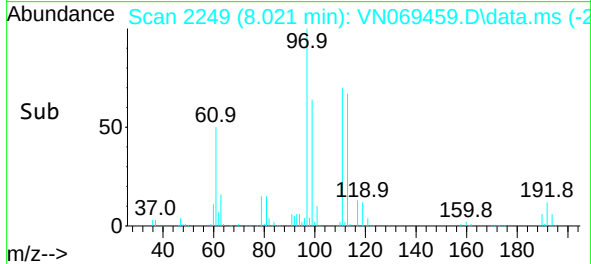
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:113 Resp: 521204
Ion Ratio Lower Upper
113 100
111 104.4 82.2 123.2
192 17.8 16.9 25.3

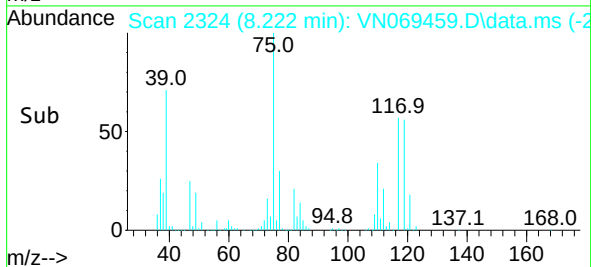
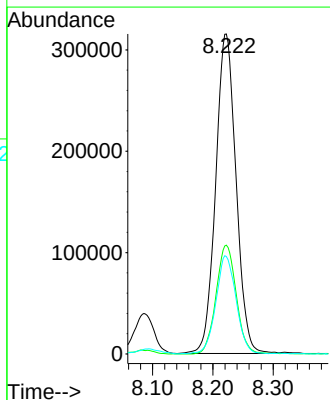
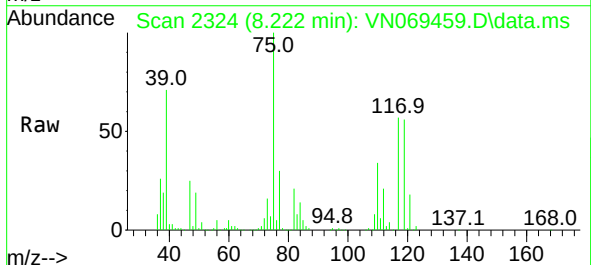
Manual Integrations
APPROVED

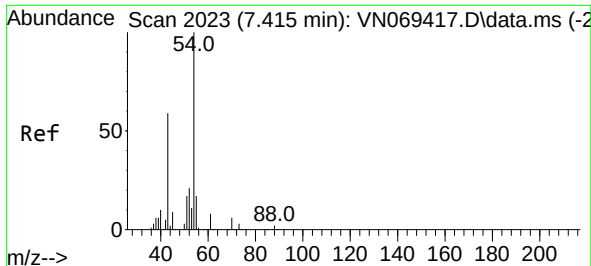
Reviewed By :John Carlone 11/12/2021
Supervised By :Mahesh Dadoda 11/17/2021



#36
1,1-Dichloropropene
Concen: 50.085 ug/l
RT: 8.222 min Scan# 2324
Delta R.T. -0.001 min
Lab File: VN069459.D
Acq: 11 Nov 2021 17:38

Tgt Ion: 75 Resp: 740502
Ion Ratio Lower Upper
75 100
110 33.8 18.4 55.2
77 30.4 24.4 36.6





#37

Ethyl Acetate

Concen: 51.216 ug/l

RT: 7.415 min Scan# 2023

Delta R.T. 0.000 min

Lab File: VN069459.D

Acq: 11 Nov 2021 17:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 1023590

Ion Ratio Lower Upper

43 100

61 12.2 11.5 17.3

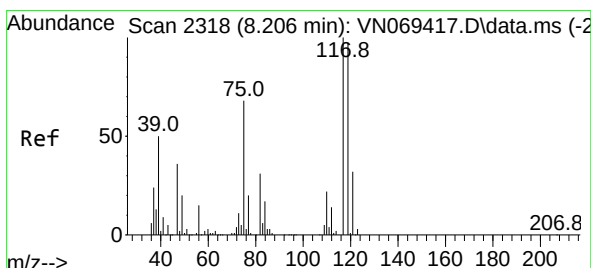
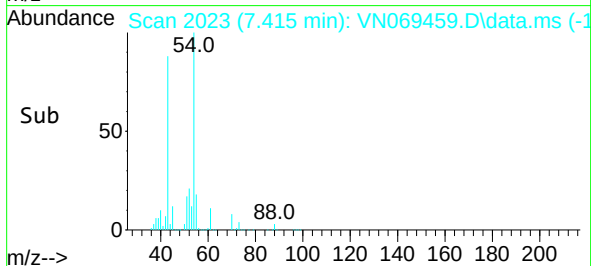
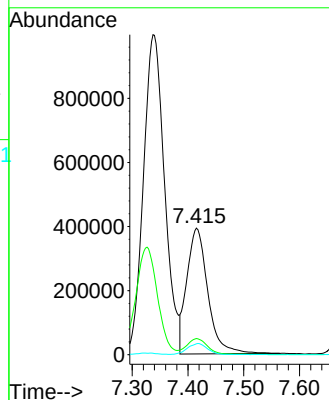
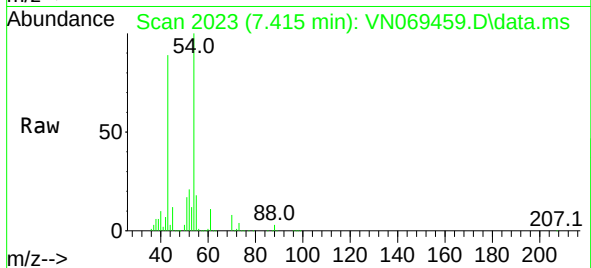
70 8.4 7.9 11.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/12/2021

Supervised By :Mahesh Dadoda 11/17/2021



#38

Carbon Tetrachloride

Concen: 50.380 ug/l

RT: 8.206 min Scan# 2318

Delta R.T. 0.000 min

Lab File: VN069459.D

Acq: 11 Nov 2021 17:38

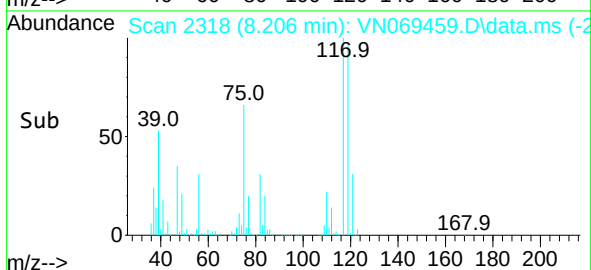
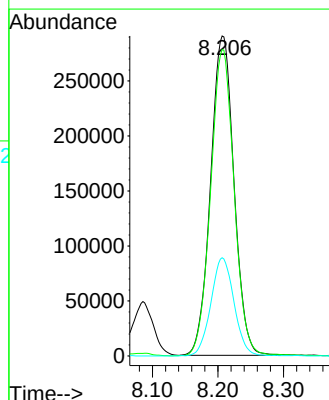
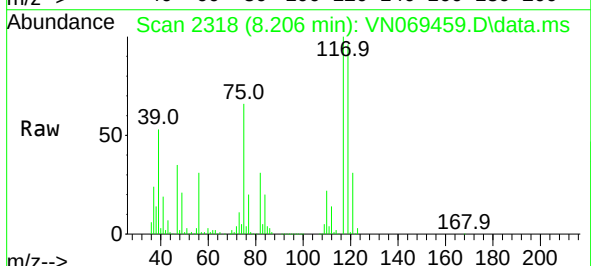
Tgt Ion:117 Resp: 719128

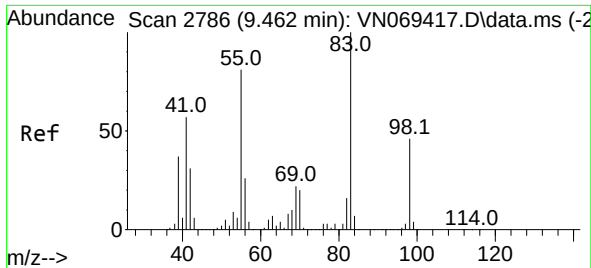
Ion Ratio Lower Upper

117 100

119 95.8 76.1 114.1

121 30.7 24.2 36.2





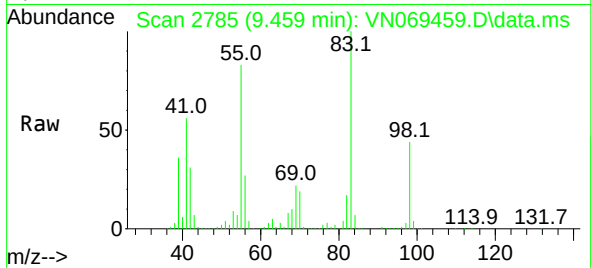
#39
Methylcyclohexane
Concen: 49.521 ug/l
RT: 9.459 min Scan# 21
Delta R.T. -0.003 min
Lab File: VN069459.D
Acq: 11 Nov 2021 17:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



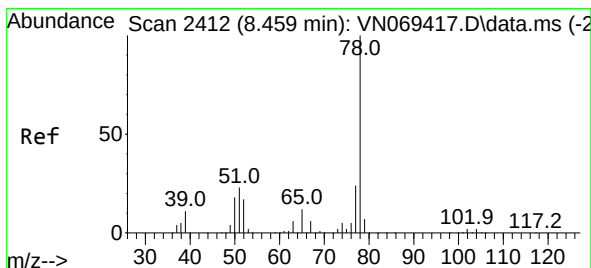
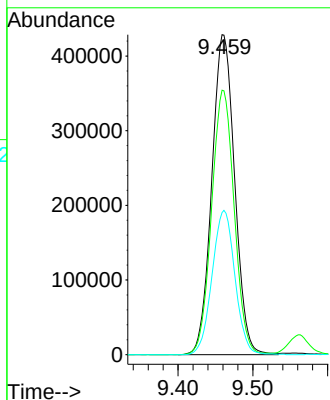
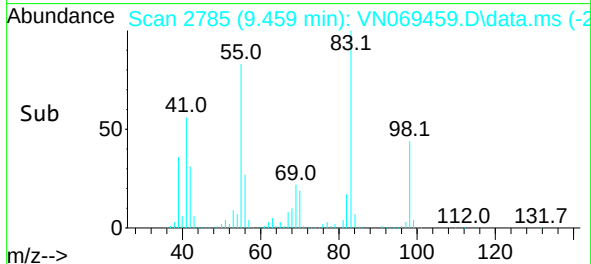
Tgt Ion: 83 Resp: 91078
Ion Ratio Lower Upper
83 100
55 82.6 58.1 87.1
98 44.4 38.4 57.6

Manual Integrations

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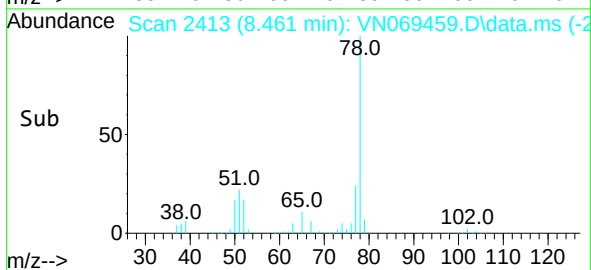
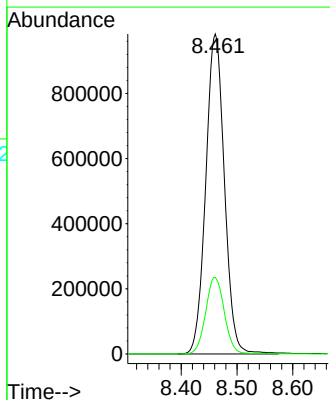
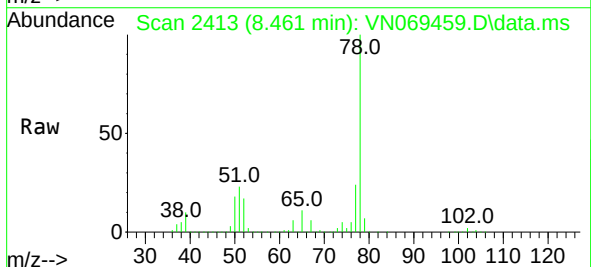
Reviewed By :John Carlone 11/12/2021

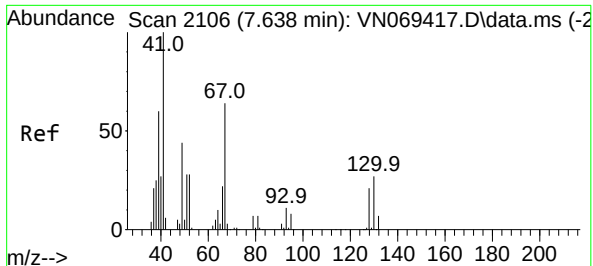
Supervised By :Mahesh Dadoda 11/17/2021



#40
Benzene
Concen: 50.101 ug/l
RT: 8.461 min Scan# 2413
Delta R.T. 0.002 min
Lab File: VN069459.D
Acq: 11 Nov 2021 17:38

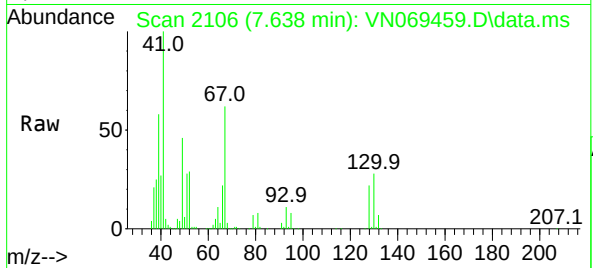
Tgt Ion: 78 Resp: 2286413
Ion Ratio Lower Upper
78 100
77 23.9 18.6 27.8





#41
Methacrylonitrile
Concen: 49.150 ug/l
RT: 7.638 min Scan# 2106
Delta R.T. -0.000 min
Lab File: VN069459.D
Acq: 11 Nov 2021 17:38

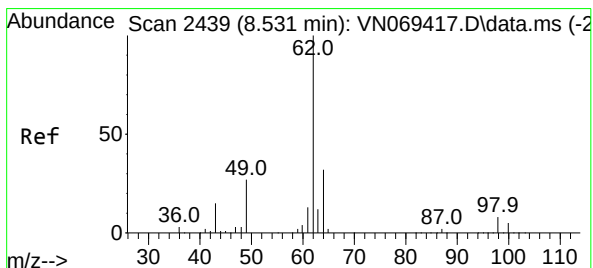
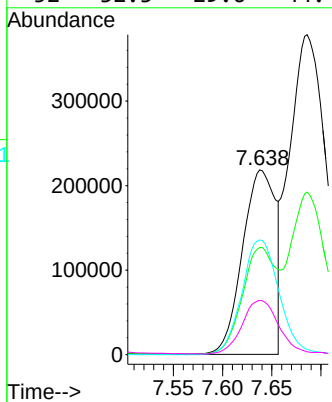
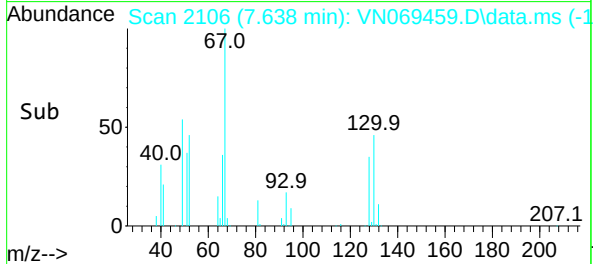
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 41 Resp: 50757
Ion Ratio Lower Upper
41 100
39 60.4 48.1 72.1
67 70.5 68.3 102.5
52 32.3 29.6 44.4

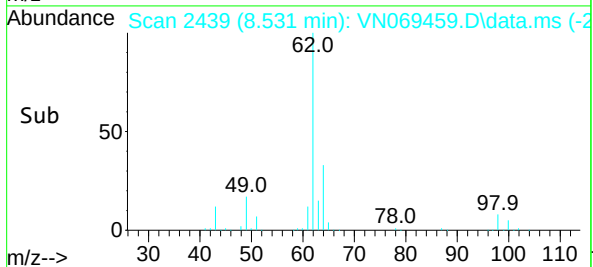
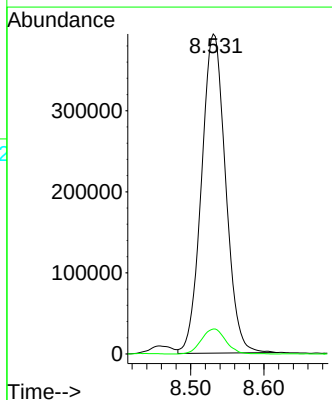
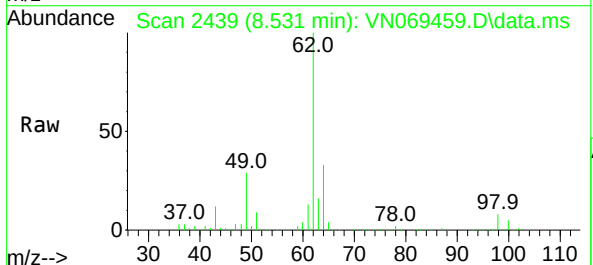
Manual Integrations
APPROVED

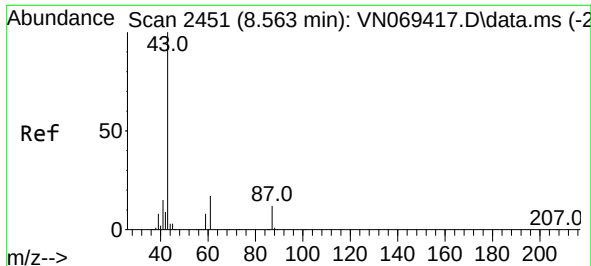
Reviewed By :John Carlone 11/12/2021
Supervised By :Mahesh Dadoda 11/17/2021



#42
1,2-Dichloroethane
Concen: 50.314 ug/l
RT: 8.531 min Scan# 2439
Delta R.T. -0.000 min
Lab File: VN069459.D
Acq: 11 Nov 2021 17:38

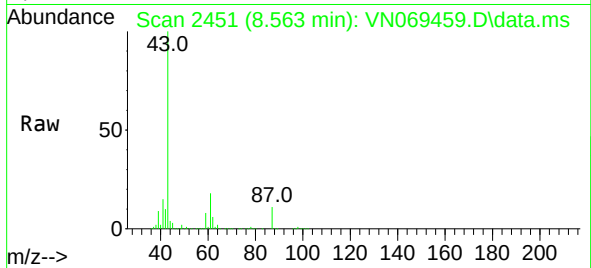
Tgt Ion: 62 Resp: 899056
Ion Ratio Lower Upper
62 100
98 7.9 0.0 17.6





#43
Isopropyl Acetate
Concen: 49.780 ug/l
RT: 8.563 min Scan# 2451
Delta R.T. -0.000 min
Lab File: VN069459.D
Acq: 11 Nov 2021 17:38

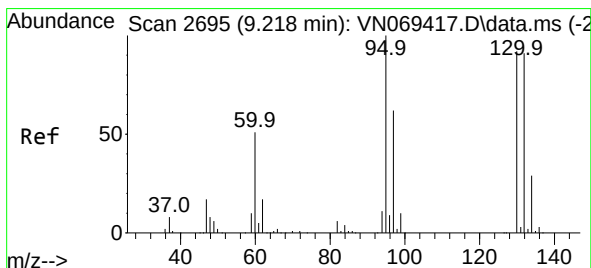
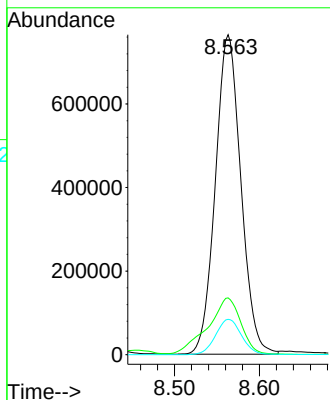
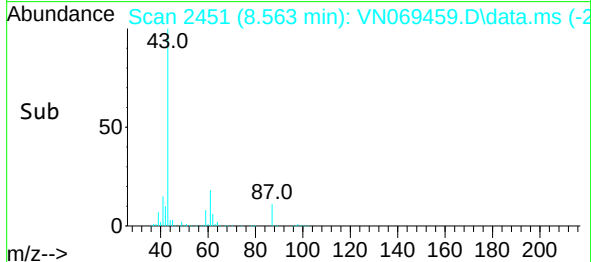
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 1598010
Ion Ratio Lower Upper
43 100
61 23.2 20.4 30.6
87 11.4 11.2 16.8

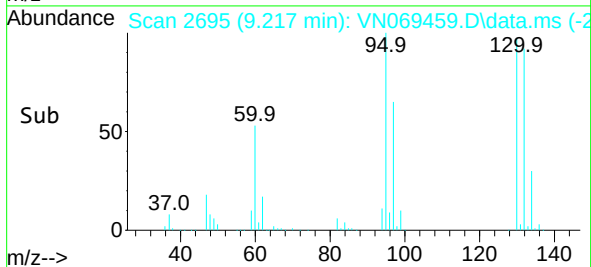
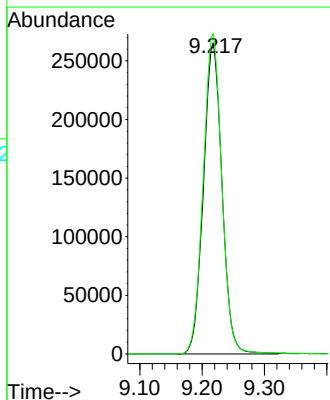
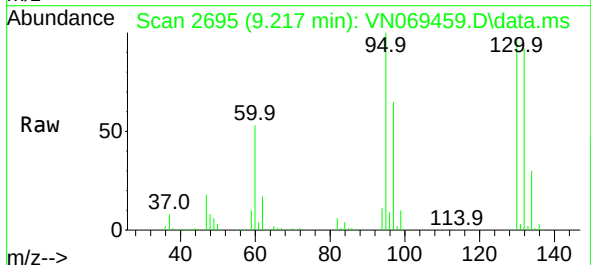
Manual Integrations
APPROVED

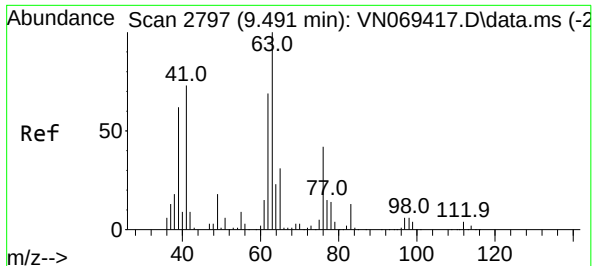
Reviewed By :John Carlone 11/12/2021
Supervised By :Mahesh Dadoda 11/17/2021



#44
Trichloroethene
Concen: 50.232 ug/l
RT: 9.217 min Scan# 2695
Delta R.T. -0.001 min
Lab File: VN069459.D
Acq: 11 Nov 2021 17:38

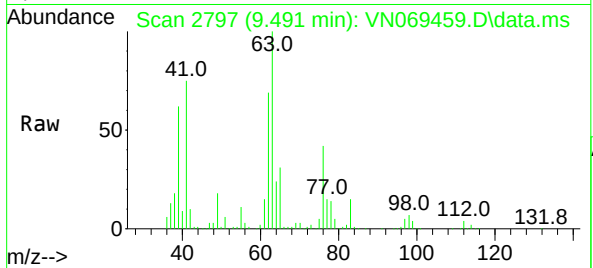
Tgt Ion:130 Resp: 548629
Ion Ratio Lower Upper
130 100
95 103.0 0.0 191.2





#45
1,2-Dichloropropane
Concen: 50.994 ug/l
RT: 9.491 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN069459.D
Acq: 11 Nov 2021 17:38

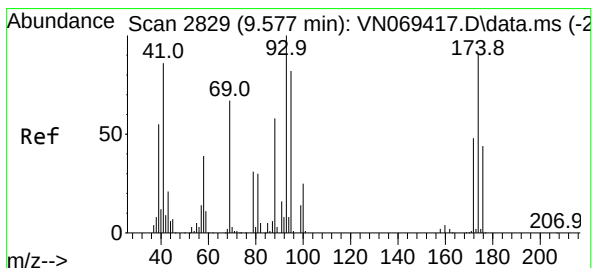
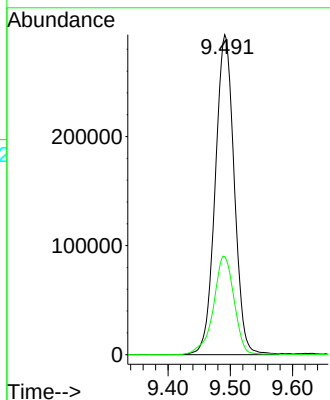
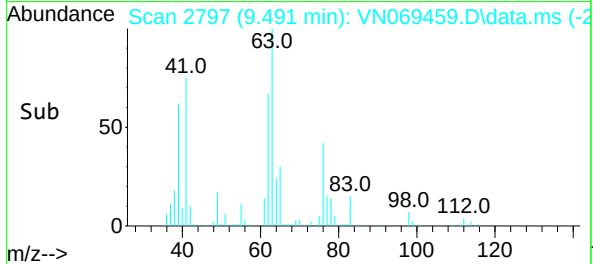
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



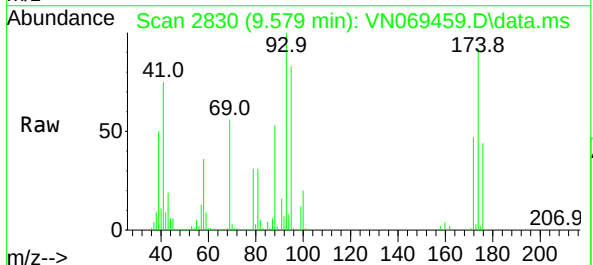
Tgt Ion: 63 Resp: 62174
Ion Ratio Lower Upper
63 100
65 30.6 24.7 37.1

Manual Integrations
APPROVED

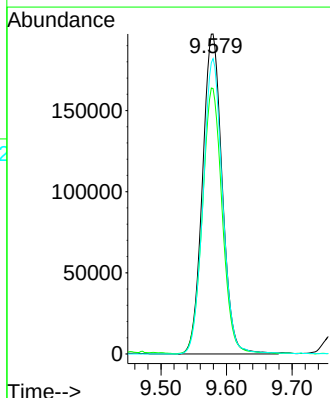
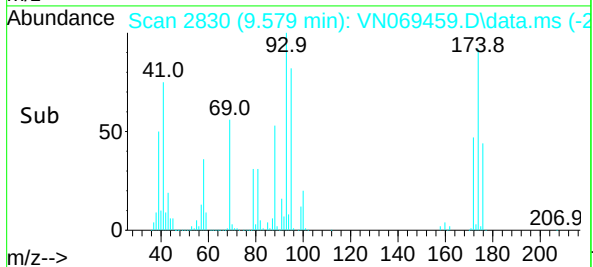
Reviewed By :John Carlone 11/12/2021
Supervised By :Mahesh Dadoda 11/17/2021

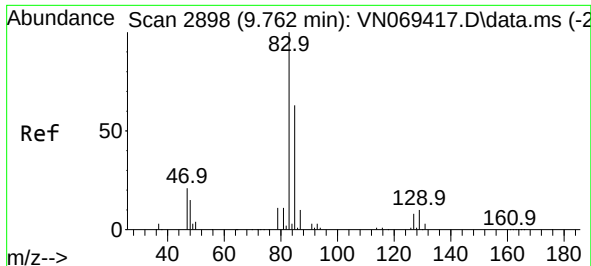


#46
Dibromomethane
Concen: 50.384 ug/l
RT: 9.579 min Scan# 2830
Delta R.T. 0.002 min
Lab File: VN069459.D
Acq: 11 Nov 2021 17:38



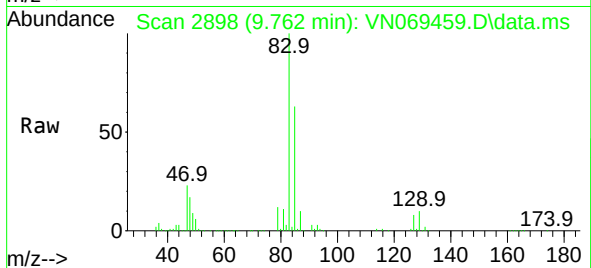
Tgt Ion: 93 Resp: 411472
Ion Ratio Lower Upper
93 100
95 83.4 65.9 98.9
174 91.2 84.6 127.0





#47
Bromodichloromethane
Concen: 52.390 ug/l
RT: 9.762 min Scan# 2898
Delta R.T. -0.000 min
Lab File: VN069459.D
Acq: 11 Nov 2021 17:38

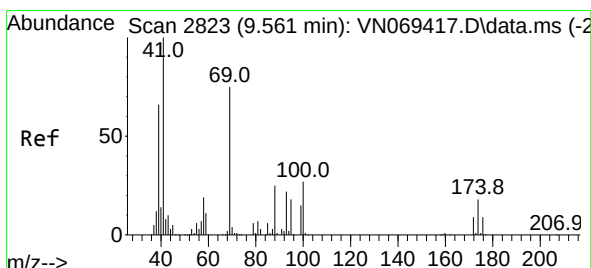
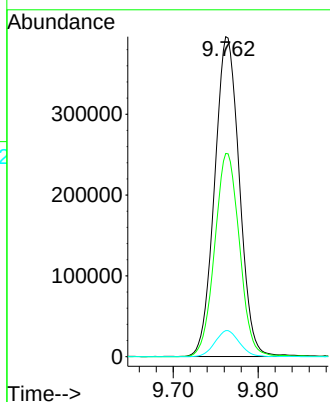
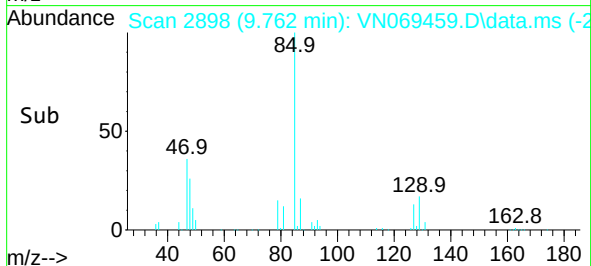
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



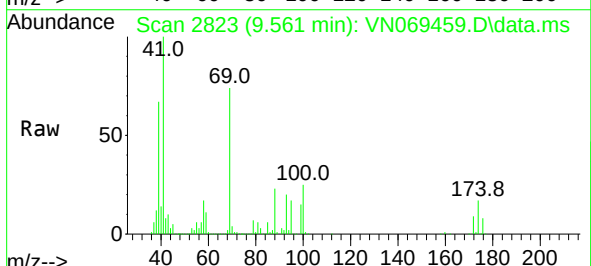
Tgt Ion: 83 Resp: 798395
Ion Ratio Lower Upper
83 100
85 63.5 50.9 76.3
127 8.2 7.1 10.7

Manual Integrations
APPROVED

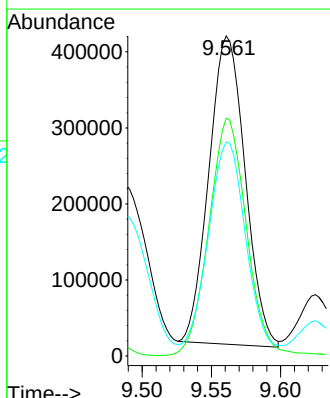
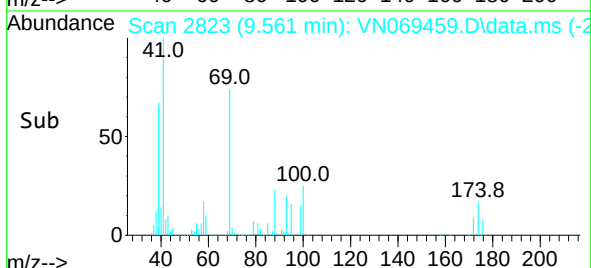
Reviewed By :John Carlone 11/12/2021
Supervised By :Mahesh Dadoda 11/17/2021

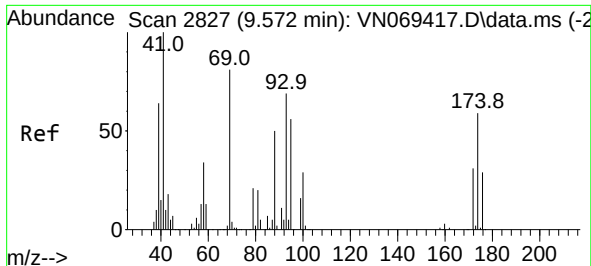


#48
Methyl methacrylate
Concen: 48.812 ug/l
RT: 9.561 min Scan# 2823
Delta R.T. -0.000 min
Lab File: VN069459.D
Acq: 11 Nov 2021 17:38



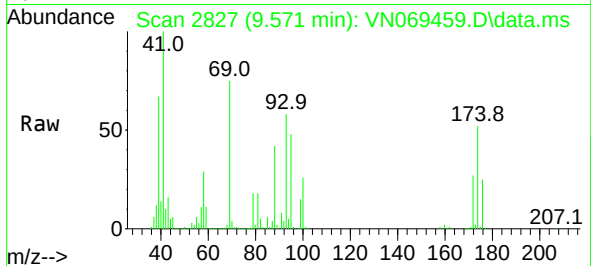
Tgt Ion: 41 Resp: 737211
Ion Ratio Lower Upper
41 100
69 79.9 72.4 108.6
39 73.0 58.4 87.6





#49
1,4-Dioxane
Concen: 902.256 ug/l
RT: 9.571 min Scan# 2827
Delta R.T. -0.001 min
Lab File: VN069459.D
Acq: 11 Nov 2021 17:38

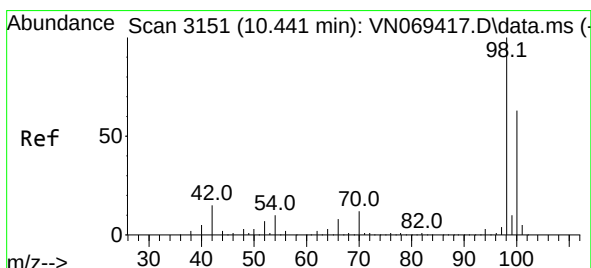
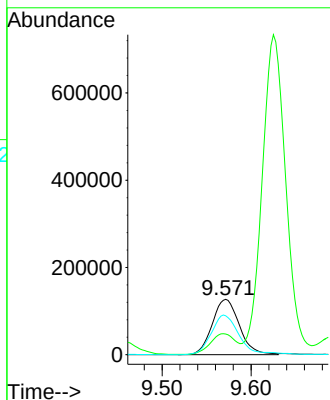
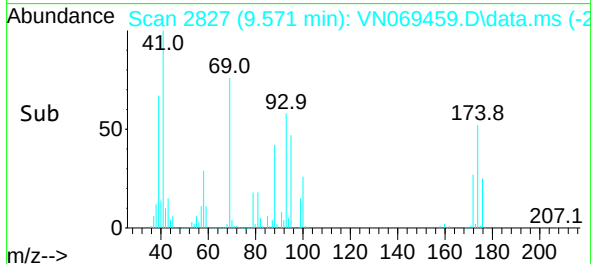
Instrument :
MSVOA_N
ClientSampleId :
VSTDC0050EC



Tgt Ion: 88 Resp: 26886
Ion Ratio Lower Upper
88 100
43 34.0 23.4 35.2
58 74.2 50.6 75.8

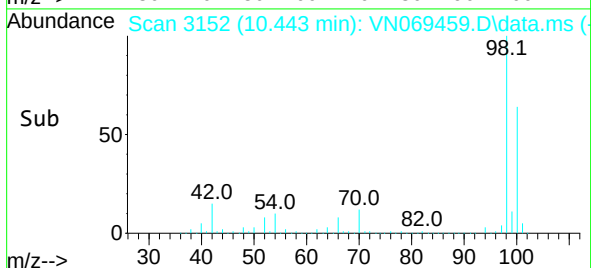
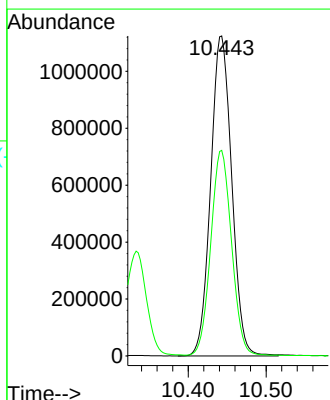
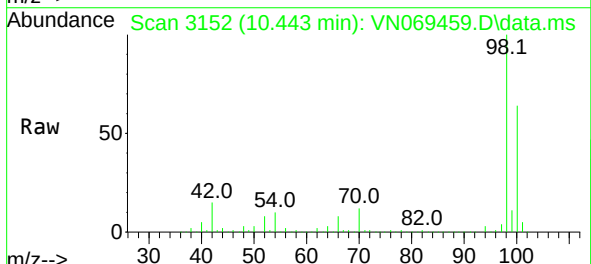
Manual Integrations
APPROVED

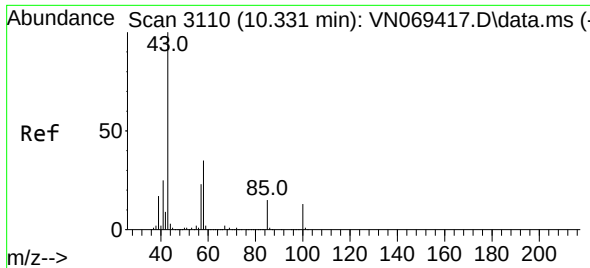
Reviewed By :John Carlone 11/12/2021
Supervised By :Mahesh Dadoda 11/17/2021



#50
Toluene-d8
Concen: 50.907 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.002 min
Lab File: VN069459.D
Acq: 11 Nov 2021 17:38

Tgt Ion: 98 Resp: 2109919
Ion Ratio Lower Upper
98 100
100 63.5 50.4 75.6





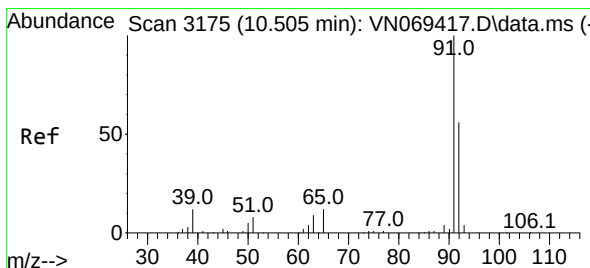
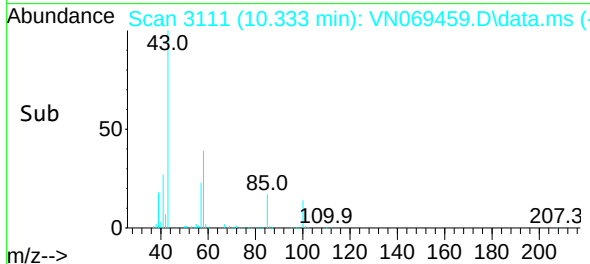
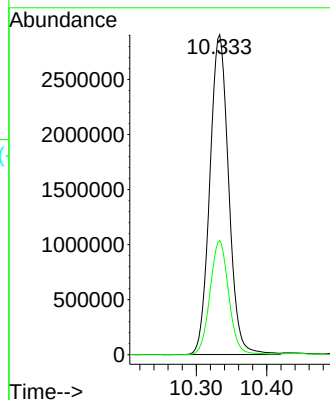
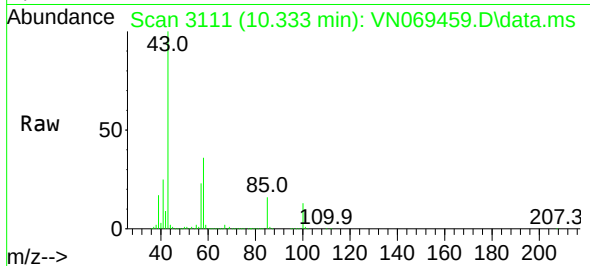
#51
4-Methyl-2-Pentanone
Concen: 260.751 ug/l
RT: 10.333 min Scan# 3111
Delta R.T. 0.002 min
Lab File: VN069459.D
Acq: 11 Nov 2021 17:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 5402964
Ion Ratio Lower Upper
43 100
58 35.4 30.4 45.6

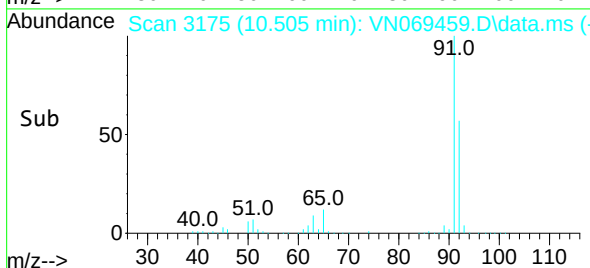
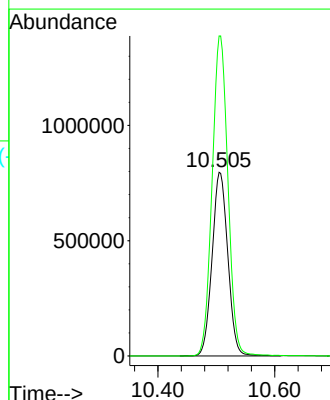
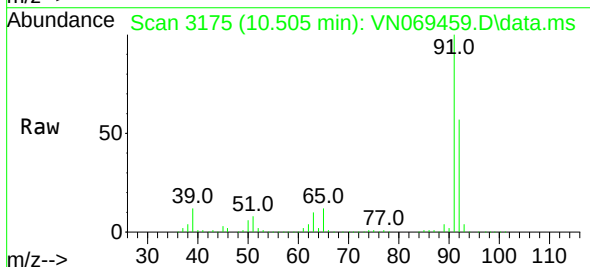
Manual Integrations
APPROVED

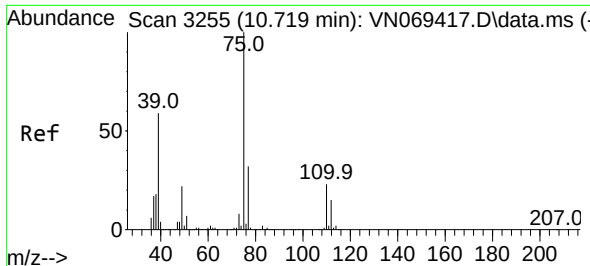
Reviewed By :John Carlone 11/12/2021
Supervised By :Mahesh Dadoda 11/17/2021



#52
Toluene
Concen: 52.159 ug/l
RT: 10.505 min Scan# 3175
Delta R.T. -0.000 min
Lab File: VN069459.D
Acq: 11 Nov 2021 17:38

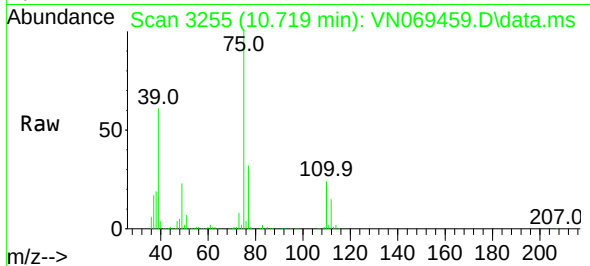
Tgt Ion: 92 Resp: 1482907
Ion Ratio Lower Upper
92 100
91 175.4 142.0 213.0





#53
t-1,3-Dichloropropene
Concen: 45.633 ug/l
RT: 10.719 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN069459.D
Acq: 11 Nov 2021 17:38

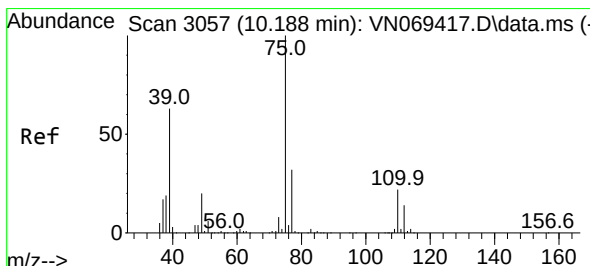
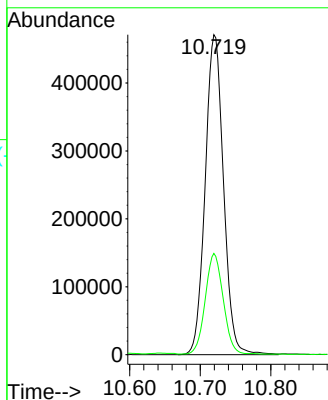
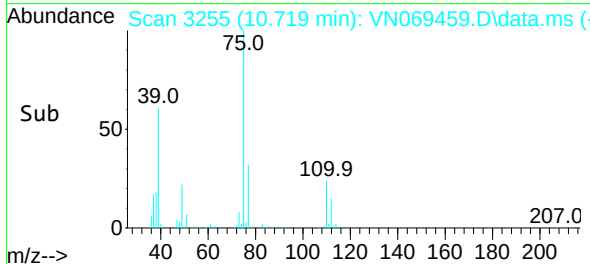
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 850484
Ion Ratio Lower Upper
75 100
77 31.5 25.6 38.4

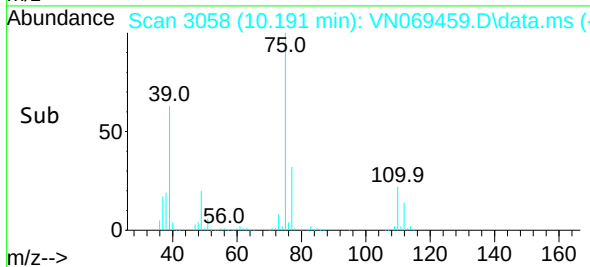
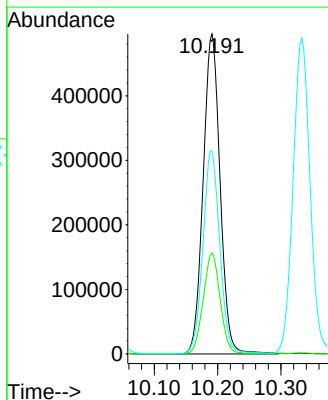
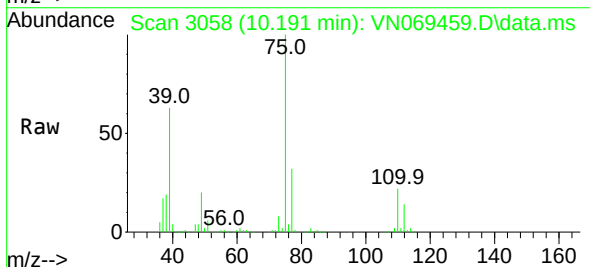
Manual Integrations
APPROVED

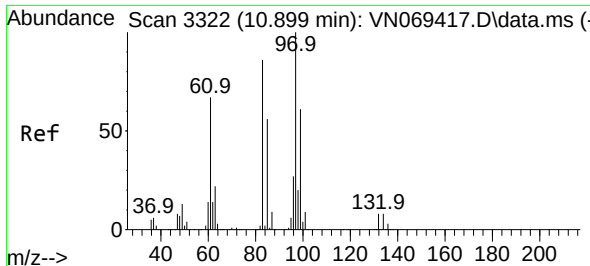
Reviewed By :John Carlone 11/12/2021
Supervised By :Mahesh Dadoda 11/17/2021



#54
cis-1,3-Dichloropropene
Concen: 46.778 ug/l
RT: 10.191 min Scan# 3058
Delta R.T. 0.003 min
Lab File: VN069459.D
Acq: 11 Nov 2021 17:38

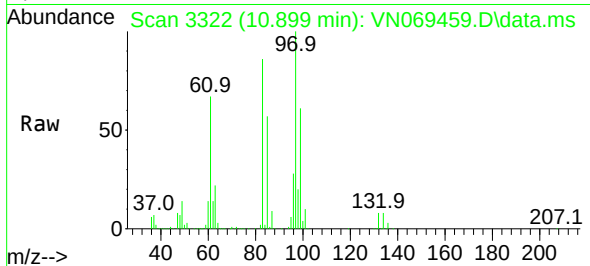
Tgt Ion: 75 Resp: 921339
Ion Ratio Lower Upper
75 100
77 31.5 26.4 39.6
39 63.3 42.5 63.7





#55
1,1,2-Trichloroethane
Concen: 53.171 ug/l
RT: 10.899 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN069459.D
Acq: 11 Nov 2021 17:38

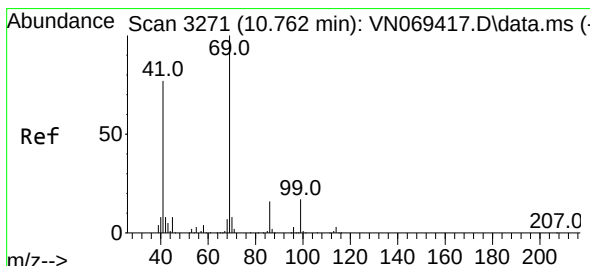
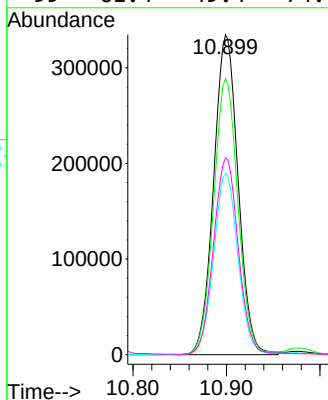
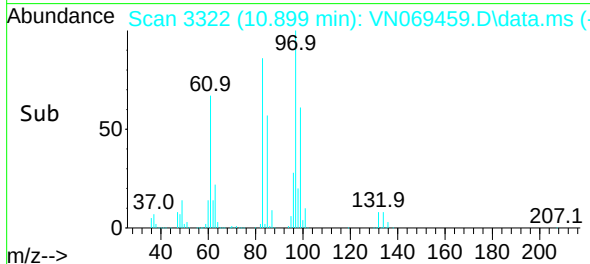
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 97 Resp: 609362
Ion Ratio Lower Upper
97 100
83 86.3 67.8 101.6
85 56.6 45.4 68.2
99 61.4 49.4 74.0

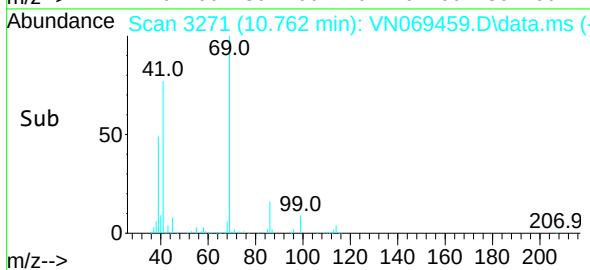
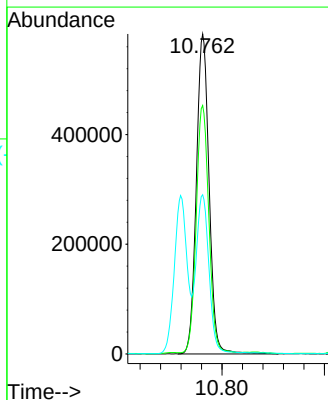
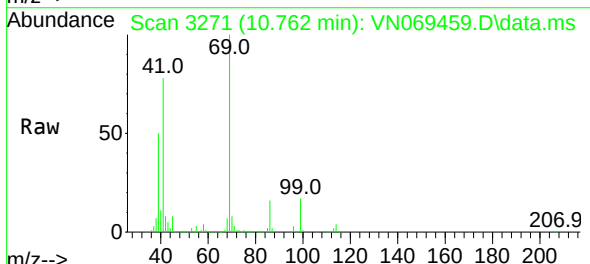
Manual Integrations
APPROVED

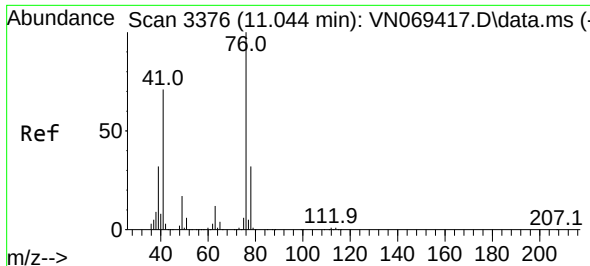
Reviewed By :John Carlone 11/12/2021
Supervised By :Mahesh Dadoda 11/17/2021



#56
Ethyl methacrylate
Concen: 46.793 ug/l
RT: 10.762 min Scan# 3271
Delta R.T. 0.000 min
Lab File: VN069459.D
Acq: 11 Nov 2021 17:38

Tgt Ion: 69 Resp: 1007644
Ion Ratio Lower Upper
69 100
41 76.5 51.4 77.0
39 48.8 34.6 52.0





#57

1,3-Dichloropropane

Concen: 51.793 ug/l

RT: 11.046 min Scan# 31

Delta R.T. 0.002 min

Lab File: VN069459.D

Acq: 11 Nov 2021 17:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 1043028

Ion Ratio Lower Upper

76 100

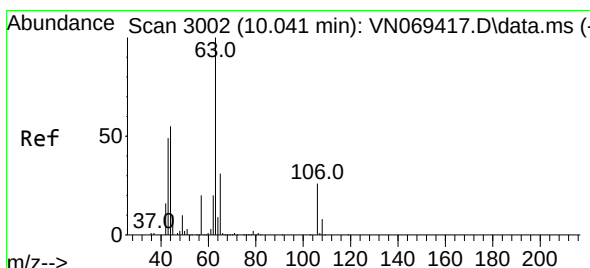
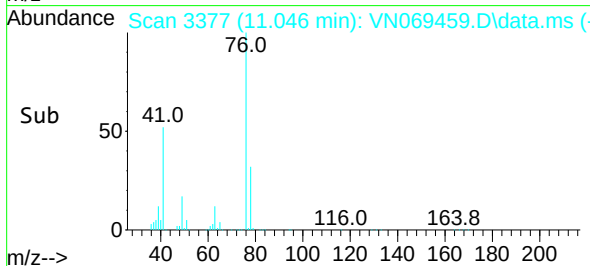
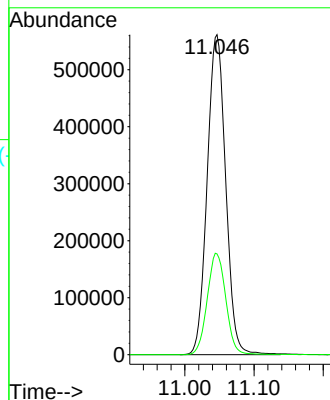
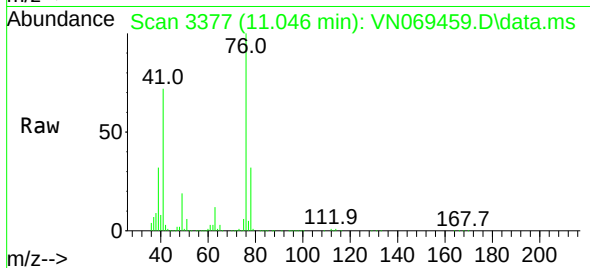
78 31.8 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/12/2021

Supervised By :Mahesh Dadoda 11/17/2021



#58

2-Chloroethyl Vinyl ether

Concen: 212.222 ug/l

RT: 10.043 min Scan# 3003

Delta R.T. 0.002 min

Lab File: VN069459.D

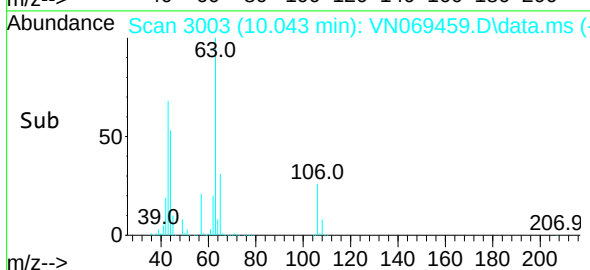
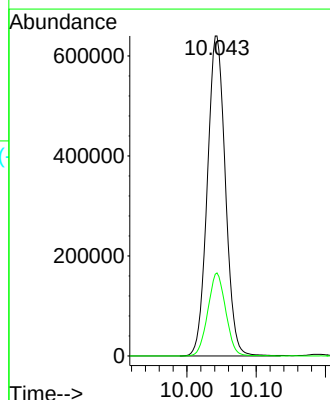
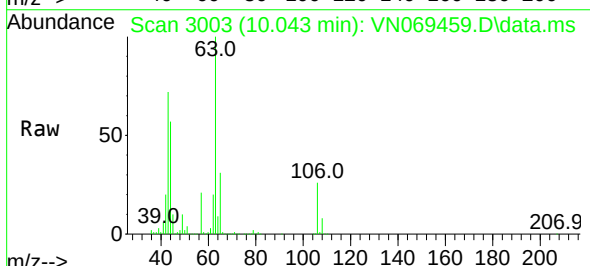
Acq: 11 Nov 2021 17:38

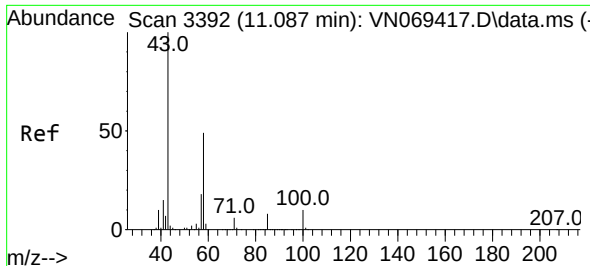
Tgt Ion: 63 Resp: 1157521

Ion Ratio Lower Upper

63 100

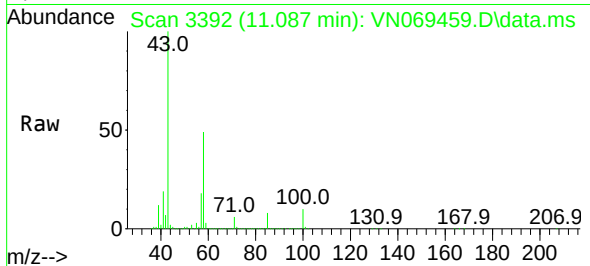
106 25.7 23.9 35.9





#59
2-Hexanone
Concen: 225.908 ug/l
RT: 11.087 min Scan# 3392
Delta R.T. -0.000 min
Lab File: VN069459.D
Acq: 11 Nov 2021 17:38

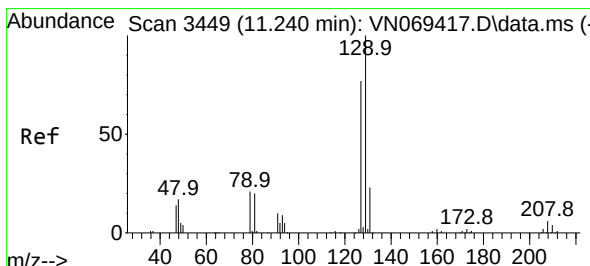
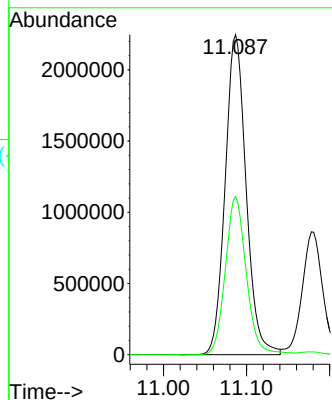
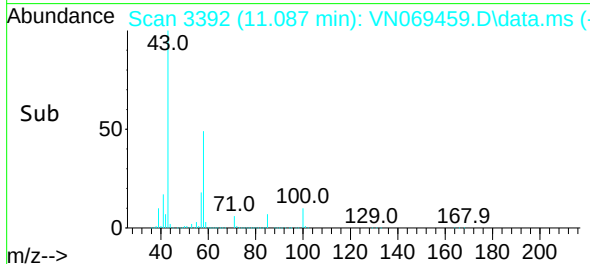
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 393852
Ion Ratio Lower Upper
43 100
58 49.4 26.9 80.7

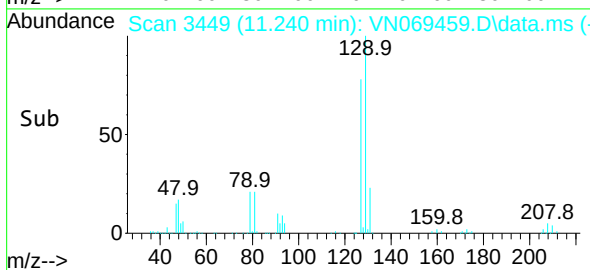
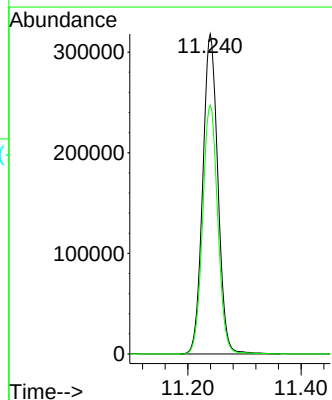
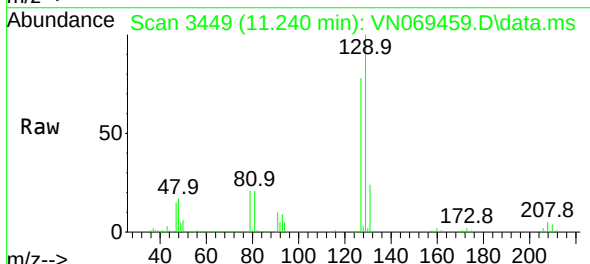
Manual Integrations
APPROVED

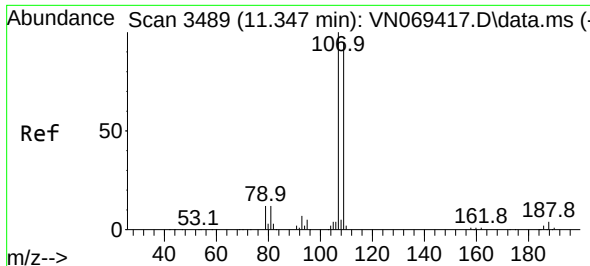
Reviewed By :John Carlone 11/12/2021
Supervised By :Mahesh Dadoda 11/17/2021



#60
Dibromochloromethane
Concen: 47.032 ug/l
RT: 11.240 min Scan# 3449
Delta R.T. -0.000 min
Lab File: VN069459.D
Acq: 11 Nov 2021 17:38

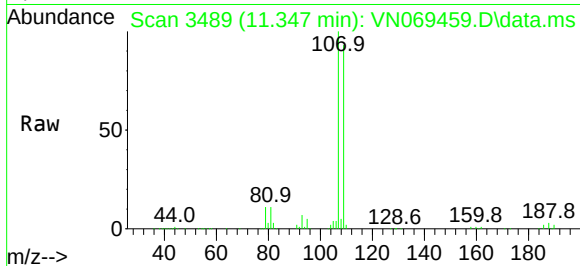
Tgt Ion:129 Resp: 589705
Ion Ratio Lower Upper
129 100
127 77.9 38.6 116.0





#61
1,2-Dibromoethane
Concen: 48.571 ug/l
RT: 11.347 min Scan# 3489
Delta R.T. -0.000 min
Lab File: VN069459.D
Acq: 11 Nov 2021 17:38

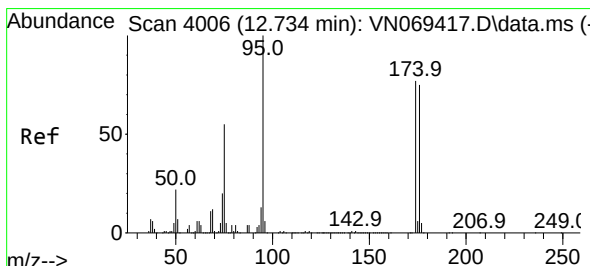
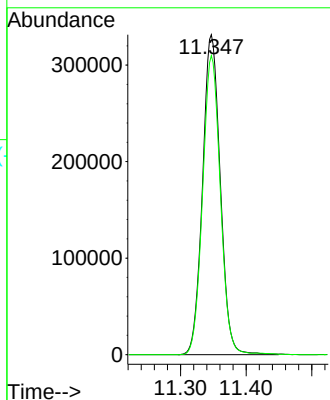
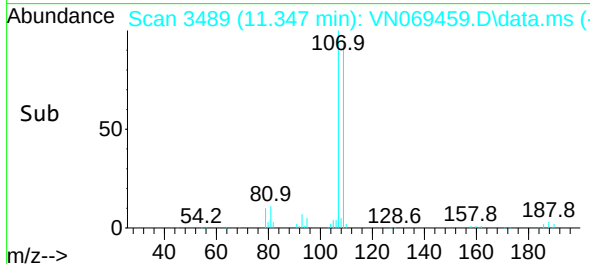
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



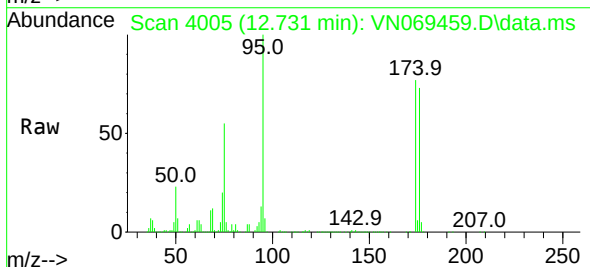
Tgt Ion:107 Resp: 62090
Ion Ratio Lower Upper
107 100
109 93.2 75.7 113.5

Manual Integrations
APPROVED

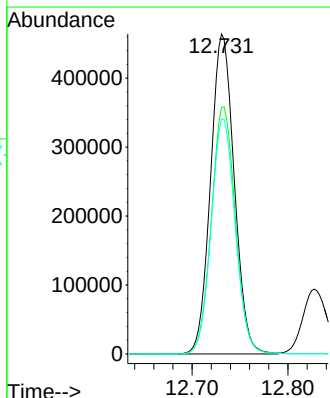
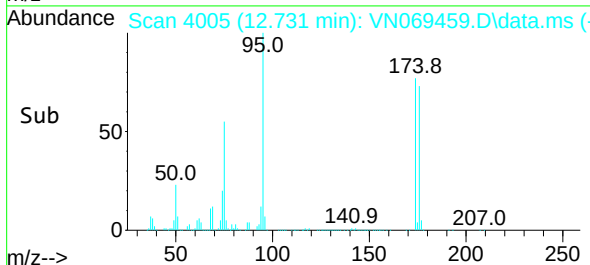
Reviewed By :John Carlone 11/12/2021
Supervised By :Mahesh Dadoda 11/17/2021

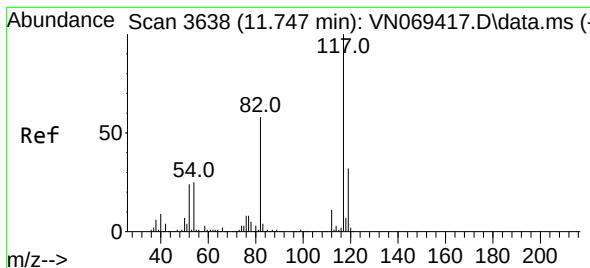


#62
4-Bromofluorobenzene
Concen: 52.249 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.003 min
Lab File: VN069459.D
Acq: 11 Nov 2021 17:38



Tgt Ion: 95 Resp: 795554
Ion Ratio Lower Upper
95 100
174 78.3 0.0 187.2
176 74.7 0.0 181.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.746 min Scan# 3638

Delta R.T. -0.001 min

Lab File: VN069459.D

Acq: 11 Nov 2021 17:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:117 Resp: 1720118

Ion Ratio Lower Upper

117 100

82 58.0 42.4 63.6

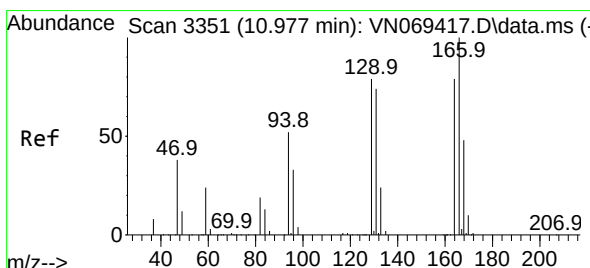
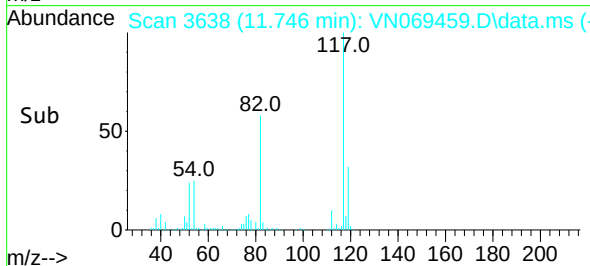
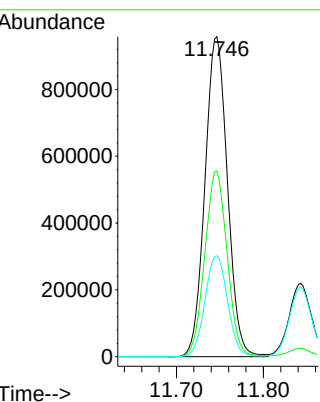
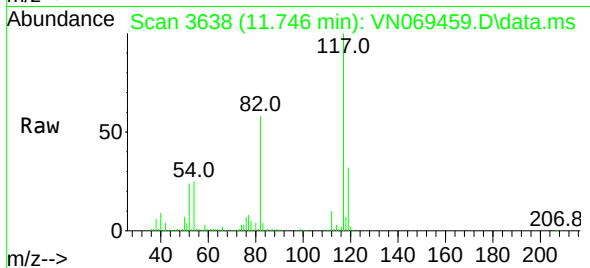
119 31.5 25.4 38.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/12/2021

Supervised By :Mahesh Dadoda 11/17/2021



#64

Tetrachloroethene

Concen: 48.278 ug/l

RT: 10.979 min Scan# 3352

Delta R.T. 0.002 min

Lab File: VN069459.D

Acq: 11 Nov 2021 17:38

Tgt Ion:164 Resp: 501432

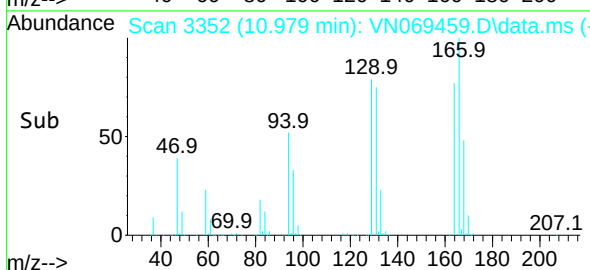
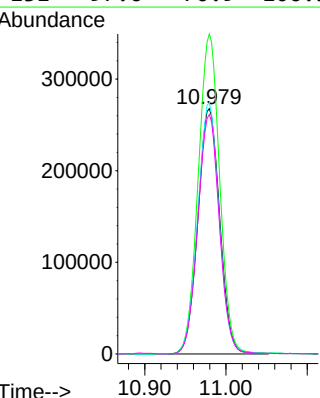
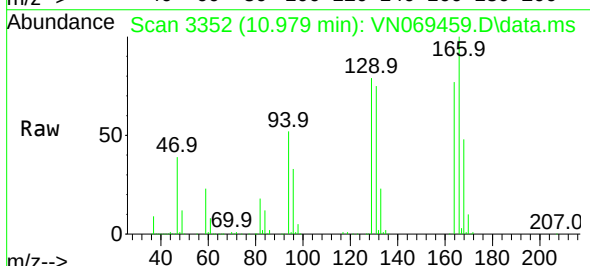
Ion Ratio Lower Upper

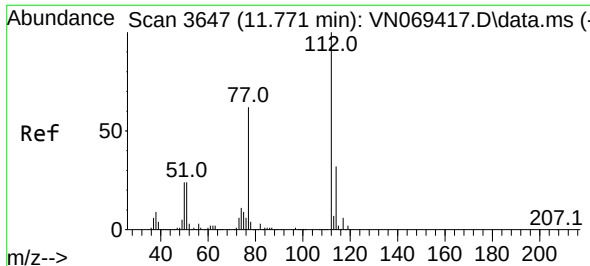
164 100

166 130.5 101.9 152.9

129 102.5 72.0 108.0

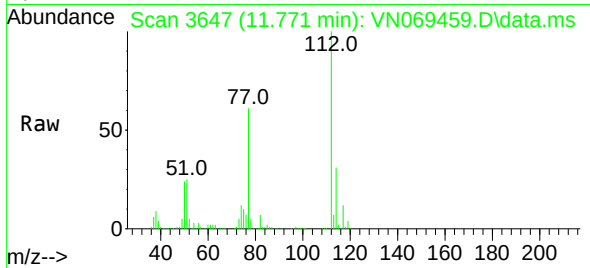
131 97.6 70.9 106.3





#65
Chlorobenzene
Concen: 49.803 ug/l
RT: 11.771 min Scan# 3647
Delta R.T. -0.000 min
Lab File: VN069459.D
Acq: 11 Nov 2021 17:38

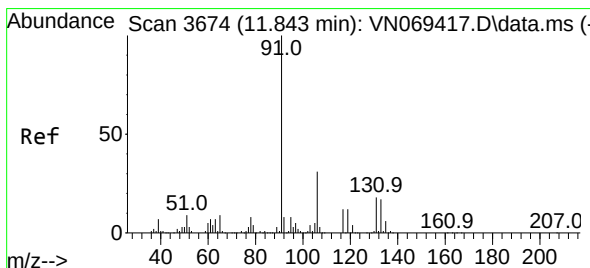
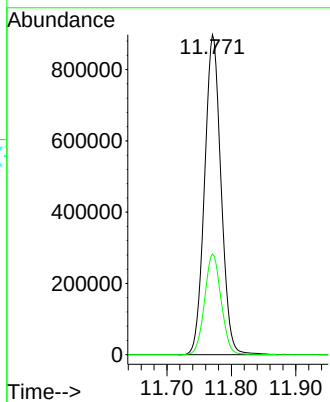
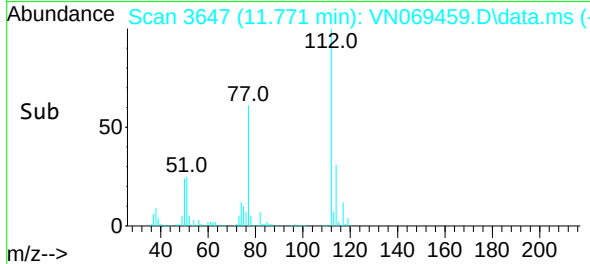
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



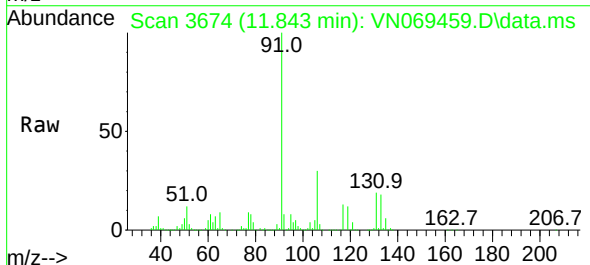
Tgt Ion:112 Resp: 1594560
Ion Ratio Lower Upper
112 100
114 31.4 25.4 38.0

Manual Integrations
APPROVED

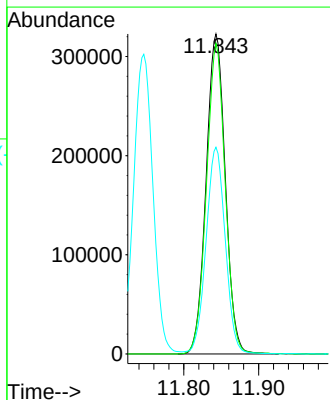
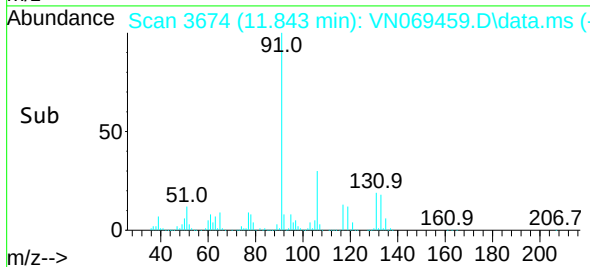
Reviewed By :John Carlone 11/12/2021
Supervised By :Mahesh Dadoda 11/17/2021

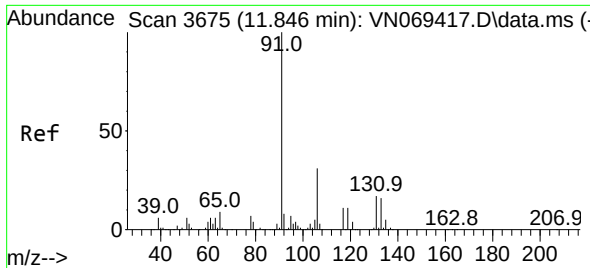


#66
1,1,1,2-Tetrachloroethane
Concen: 51.850 ug/l
RT: 11.843 min Scan# 3674
Delta R.T. 0.000 min
Lab File: VN069459.D
Acq: 11 Nov 2021 17:38



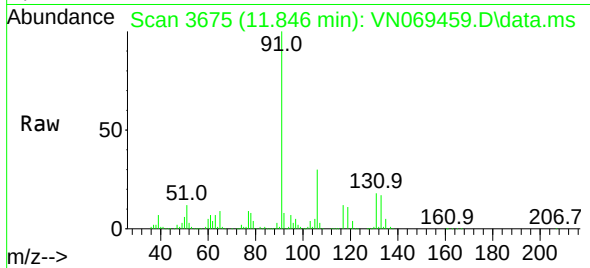
Tgt Ion:131 Resp: 575812
Ion Ratio Lower Upper
131 100
133 95.1 47.9 143.7
119 64.5 32.1 96.5





#67
Ethyl Benzene
Concen: 50.676 ug/l
RT: 11.846 min Scan# 3675
Delta R.T. -0.000 min
Lab File: VN069459.D
Acq: 11 Nov 2021 17:38

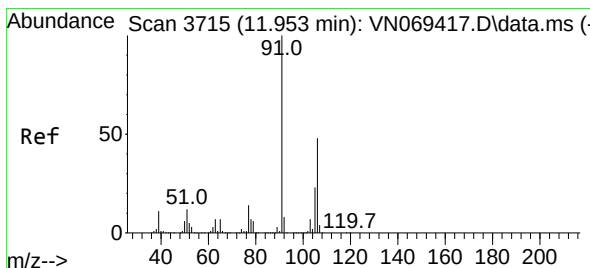
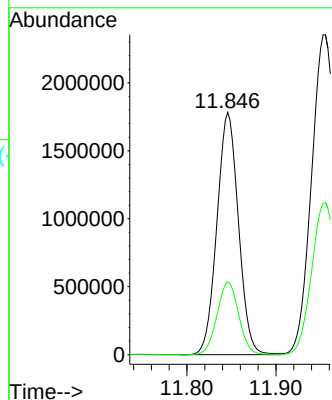
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 299244
Ion Ratio Lower Upper
91 100
106 30.1 25.7 38.5

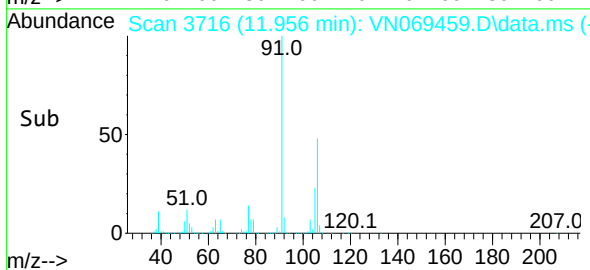
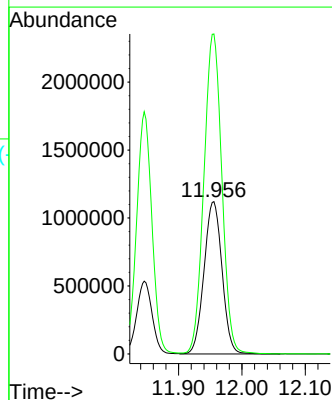
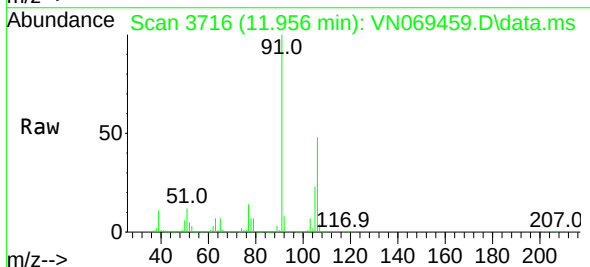
Manual Integrations
APPROVED

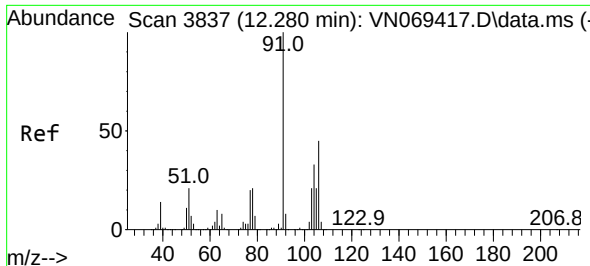
Reviewed By :John Carlone 11/12/2021
Supervised By :Mahesh Dadoda 11/17/2021



#68
m/p-Xylenes
Concen: 101.595 ug/l
RT: 11.956 min Scan# 3716
Delta R.T. 0.003 min
Lab File: VN069459.D
Acq: 11 Nov 2021 17:38

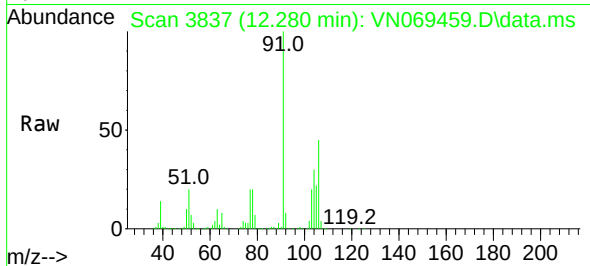
Tgt Ion:106 Resp: 2206418
Ion Ratio Lower Upper
106 100
91 210.1 160.6 240.8





#69
o-Xylene
Concen: 51.385 ug/l
RT: 12.280 min Scan# 3837
Delta R.T. 0.000 min
Lab File: VN069459.D
Acq: 11 Nov 2021 17:38

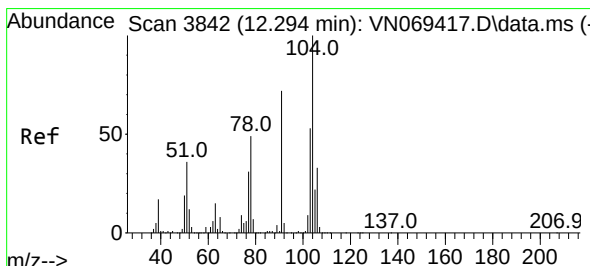
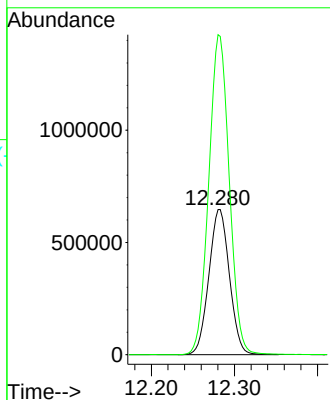
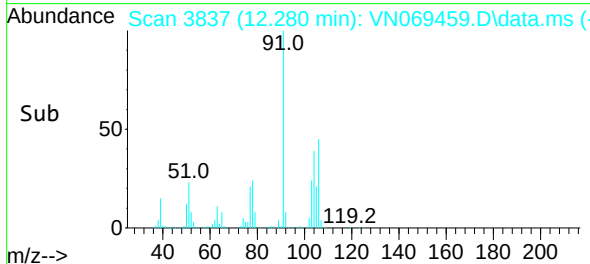
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:106 Resp: 111254
Ion Ratio Lower Upper
106 100
91 220.1 105.8 317.3

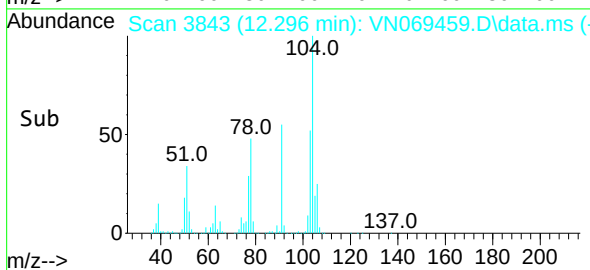
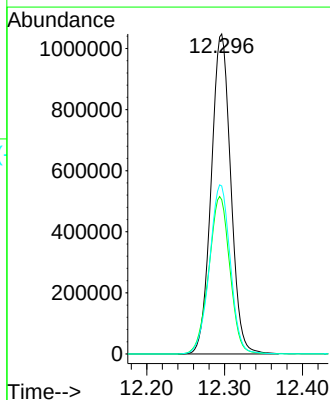
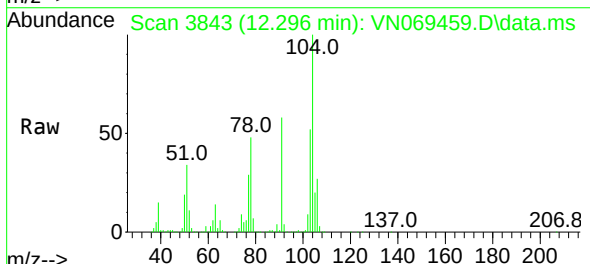
Manual Integrations
APPROVED

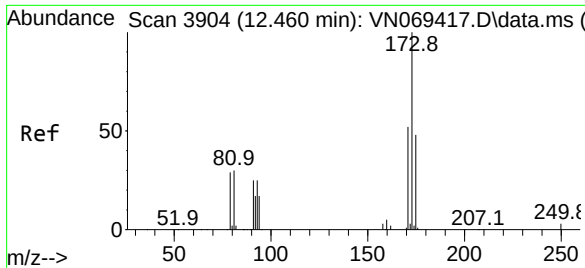
Reviewed By :John Carlone 11/12/2021
Supervised By :Mahesh Dadoda 11/17/2021



#70
Styrene
Concen: 47.079 ug/l
RT: 12.296 min Scan# 3843
Delta R.T. 0.002 min
Lab File: VN069459.D
Acq: 11 Nov 2021 17:38

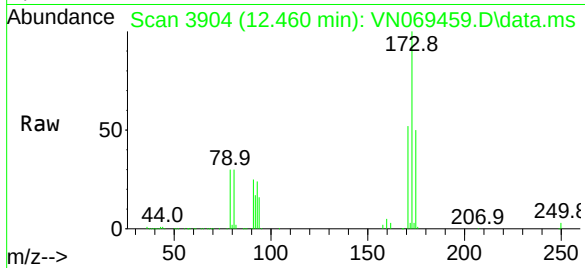
Tgt Ion:104 Resp: 1826591
Ion Ratio Lower Upper
104 100
78 53.1 38.7 58.1
103 56.3 45.0 67.6





#71
Bromoform
Concen: 44.080 ug/l
RT: 12.460 min Scan# 3904
Delta R.T. -0.000 min
Lab File: VN069459.D
Acq: 11 Nov 2021 17:38

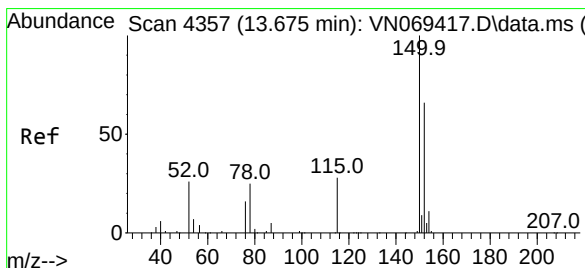
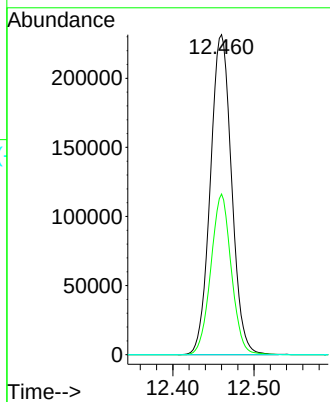
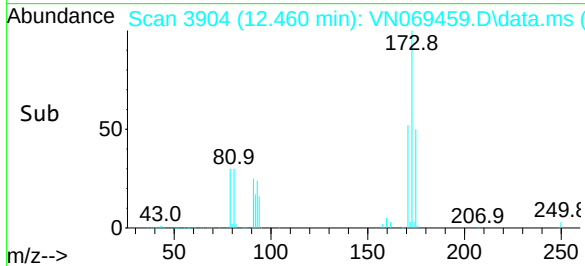
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



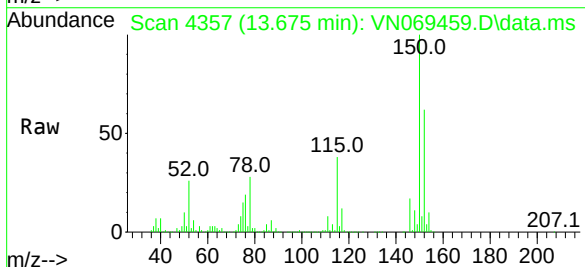
Tgt Ion:173 Resp: 420854
Ion Ratio Lower Upper
173 100
175 48.3 24.2 72.6
254 0.0 0.0 0.0

Manual Integrations
APPROVED

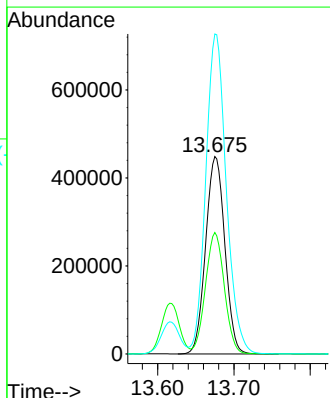
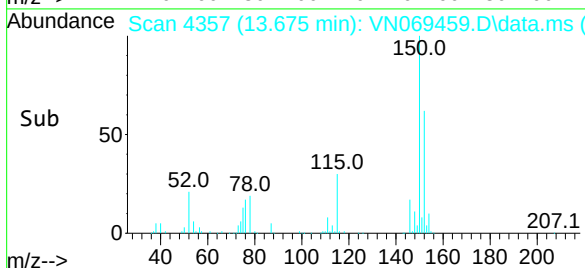
Reviewed By :John Carlone 11/12/2021
Supervised By :Mahesh Dadoda 11/17/2021

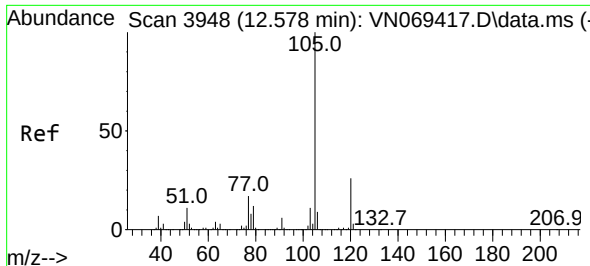


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 4357
Delta R.T. -0.000 min
Lab File: VN069459.D
Acq: 11 Nov 2021 17:38



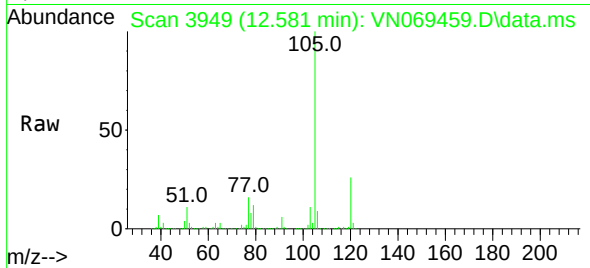
Tgt Ion:152 Resp: 786193
Ion Ratio Lower Upper
152 100
115 60.3 27.5 82.5
150 173.0 0.0 344.4





#73
Isopropylbenzene
Concen: 47.307 ug/l
RT: 12.581 min Scan# 3948
Delta R.T. 0.003 min
Lab File: VN069459.D
Acq: 11 Nov 2021 17:38

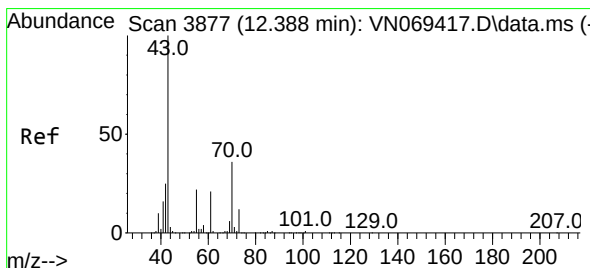
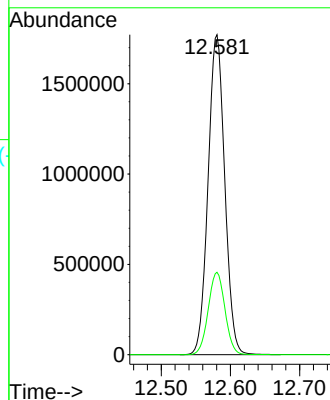
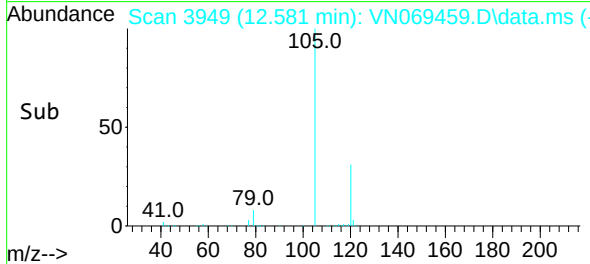
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:105 Resp: 296129
Ion Ratio Lower Upper
105 100
120 25.9 13.4 40.1

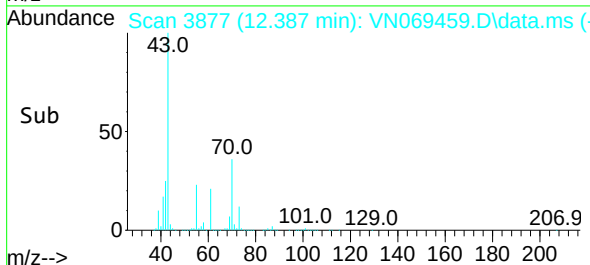
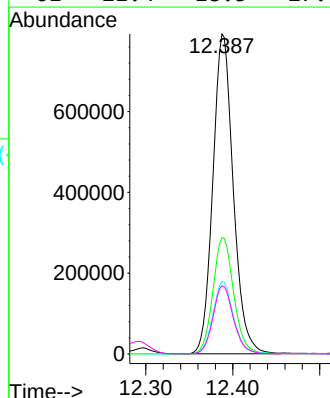
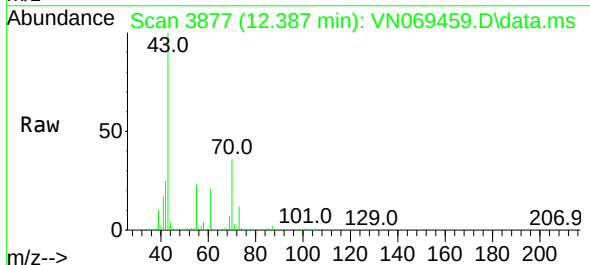
Manual Integrations
APPROVED

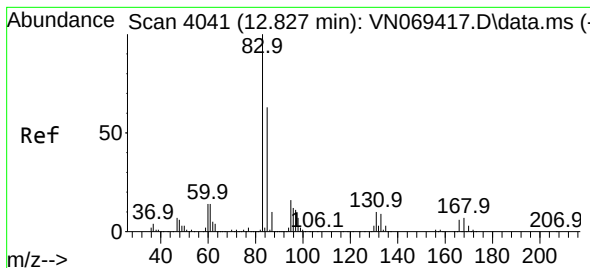
Reviewed By :John Carlone 11/12/2021
Supervised By :Mahesh Dadoda 11/17/2021



#74
N-amy1 acetate
Concen: 48.600 ug/l
RT: 12.387 min Scan# 3877
Delta R.T. -0.001 min
Lab File: VN069459.D
Acq: 11 Nov 2021 17:38

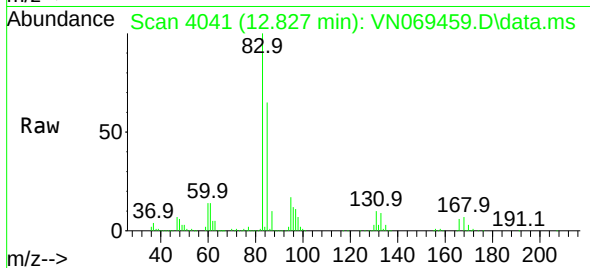
Tgt Ion: 43 Resp: 1289286
Ion Ratio Lower Upper
43 100
70 37.1 33.4 50.0
55 22.9 19.3 28.9
61 21.4 18.5 27.7





#75
1,1,2,2-Tetrachloroethane
Concen: 46.750 ug/l
RT: 12.827 min Scan# 4041
Delta R.T. 0.000 min
Lab File: VN069459.D
Acq: 11 Nov 2021 17:38

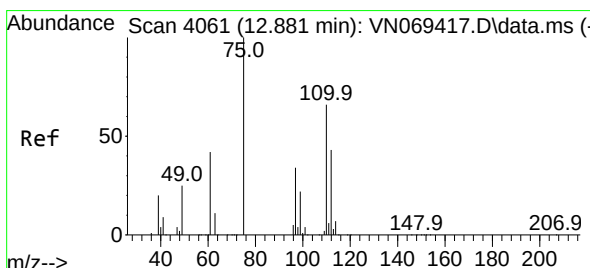
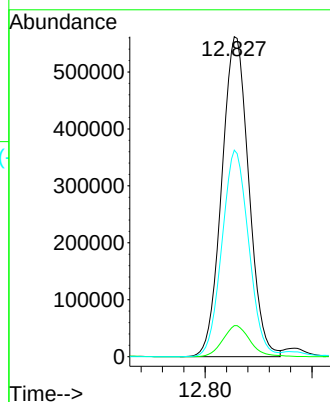
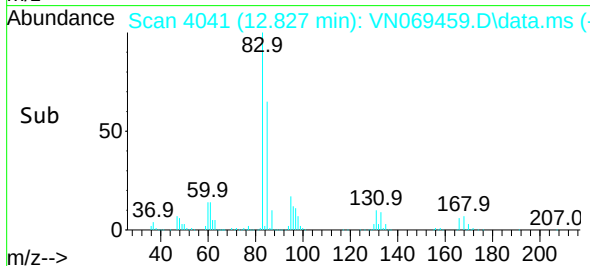
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 986992
Ion Ratio Lower Upper
83 100
131 9.8 5.5 16.5
85 63.9 32.4 97.2

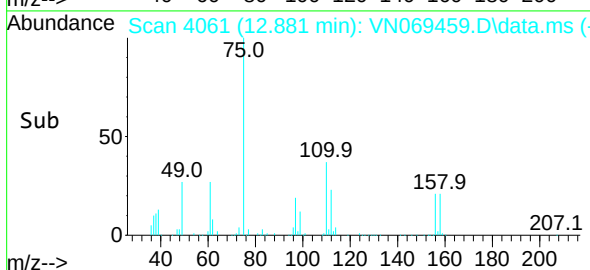
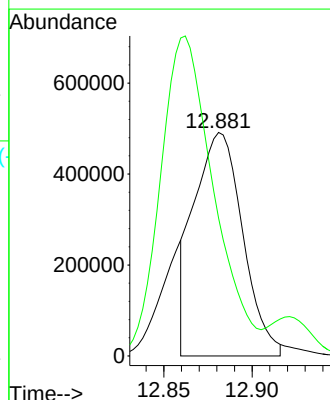
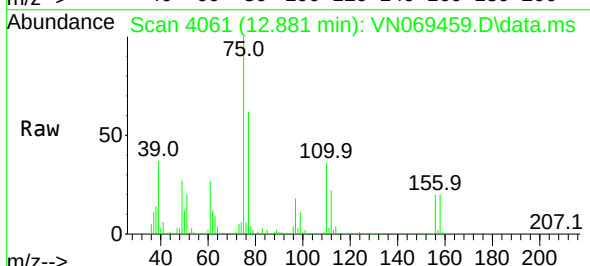
Manual Integrations
APPROVED

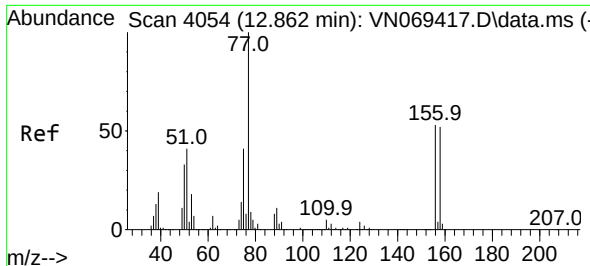
Reviewed By :John Carlone 11/12/2021
Supervised By :Mahesh Dadoda 11/17/2021



#76
1,2,3-Trichloropropane
Concen: 51.833 ug/l m
RT: 12.881 min Scan# 4061
Delta R.T. -0.000 min
Lab File: VN069459.D
Acq: 11 Nov 2021 17:38

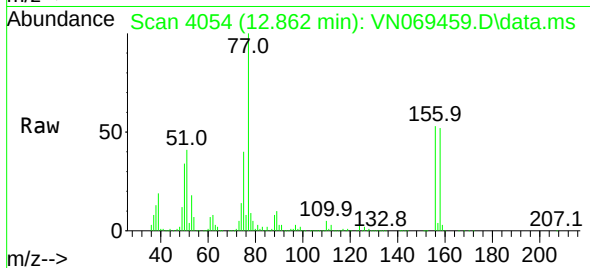
Tgt Ion: 75 Resp: 940436
Ion Ratio Lower Upper
75 100
77 157.3 82.6 247.8





#77
Bromobenzene
Concen: 47.281 ug/l
RT: 12.862 min Scan# 4054
Delta R.T. 0.000 min
Lab File: VN069459.D
Acq: 11 Nov 2021 17:38

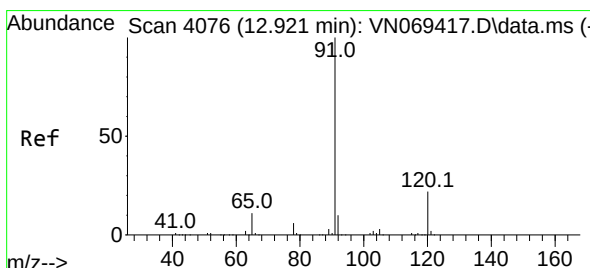
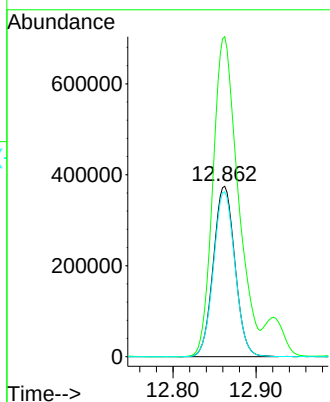
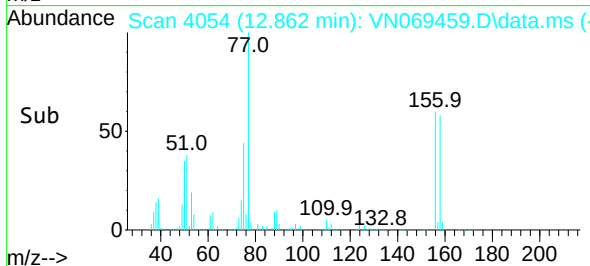
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:156 Resp: 676884
Ion Ratio Lower Upper
156 100
77 218.5 90.6 271.8
158 96.7 48.9 146.7

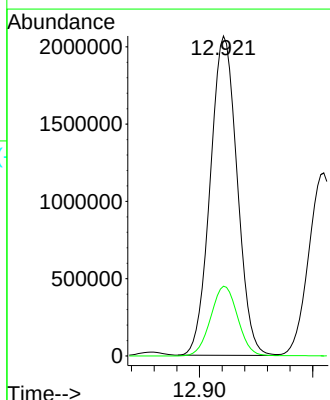
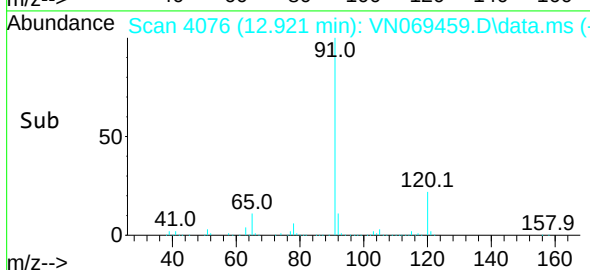
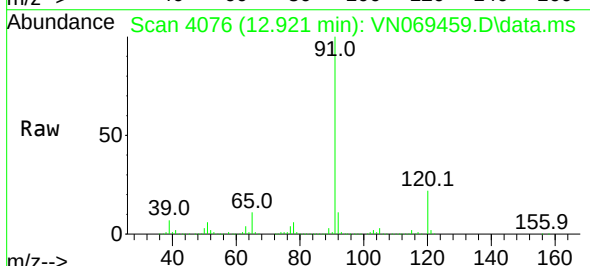
Manual Integrations
APPROVED

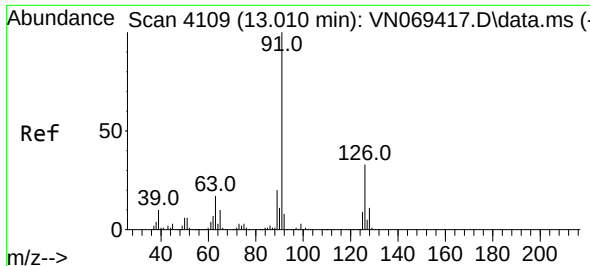
Reviewed By :John Carlone 11/12/2021
Supervised By :Mahesh Dadoda 11/17/2021



#78
n-propylbenzene
Concen: 48.342 ug/l
RT: 12.921 min Scan# 4076
Delta R.T. 0.000 min
Lab File: VN069459.D
Acq: 11 Nov 2021 17:38

Tgt Ion: 91 Resp: 3405030
Ion Ratio Lower Upper
91 100
120 22.0 11.9 35.9





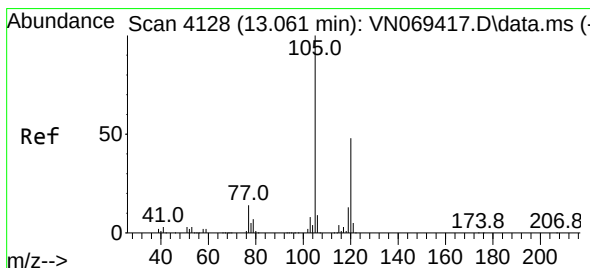
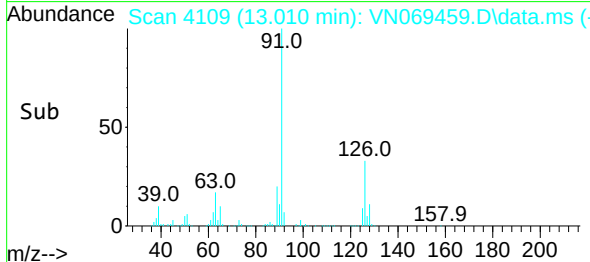
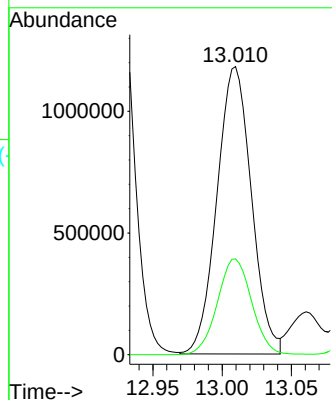
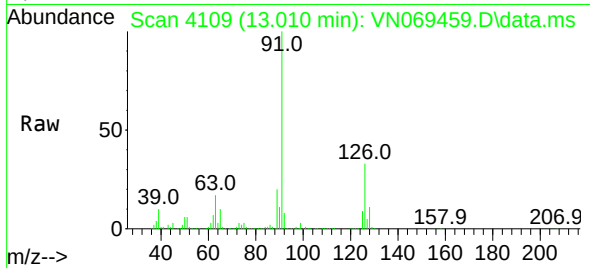
#79
2-Chlorotoluene
Concen: 46.928 ug/l
RT: 13.010 min Scan# 4109
Delta R.T. -0.000 min
Lab File: VN069459.D
Acq: 11 Nov 2021 17:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 2046609
Ion Ratio Lower Upper
91 100
126 33.3 18.3 54.8

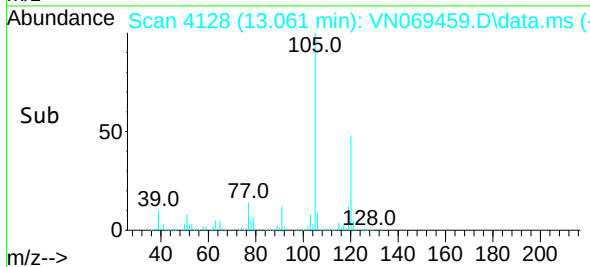
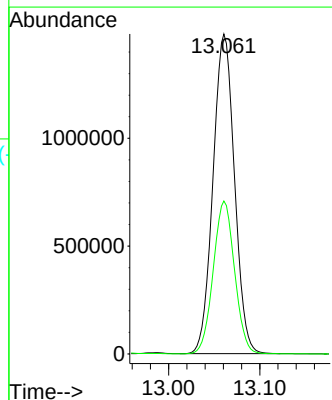
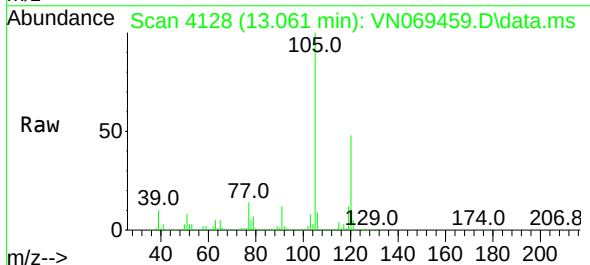
Manual Integrations
APPROVED

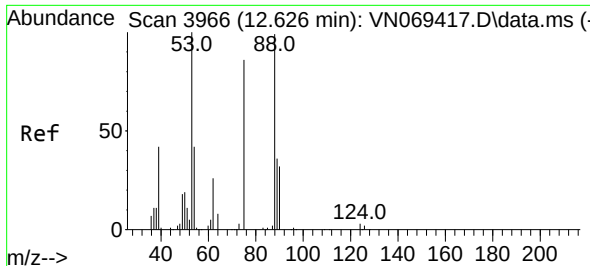
Reviewed By :John Carlone 11/12/2021
Supervised By :Mahesh Dadoda 11/17/2021



#80
1,3,5-Trimethylbenzene
Concen: 47.933 ug/l
RT: 13.061 min Scan# 4128
Delta R.T. -0.000 min
Lab File: VN069459.D
Acq: 11 Nov 2021 17:38

Tgt Ion:105 Resp: 2425625
Ion Ratio Lower Upper
105 100
120 47.5 24.6 73.6





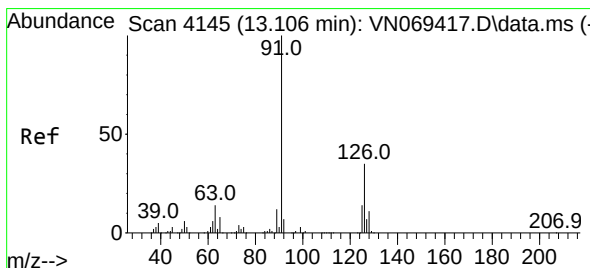
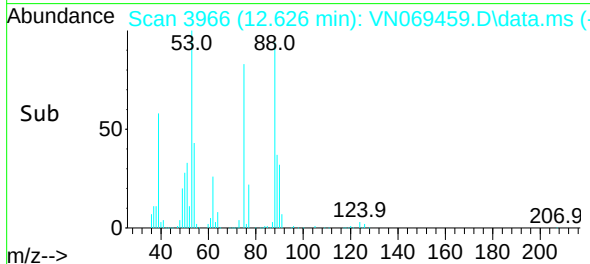
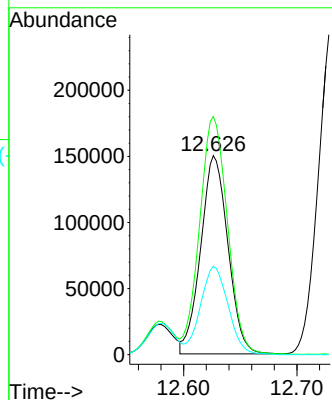
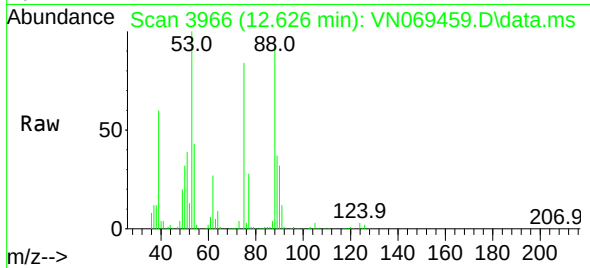
#81
trans-1,4-Dichloro-2-butene
Concen: 42.098 ug/l
RT: 12.626 min Scan# 3966
Delta R.T. 0.000 min
Lab File: VN069459.D
Acq: 11 Nov 2021 17:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 25029
Ion Ratio Lower Upper
75 100
53 123.2 90.5 135.7
89 45.5 38.2 57.4

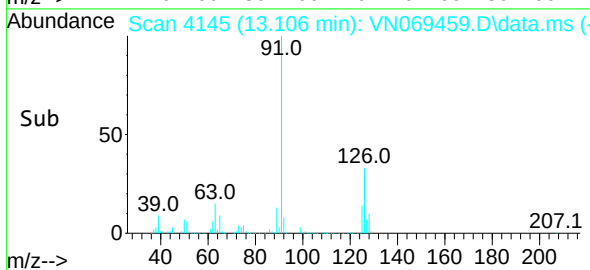
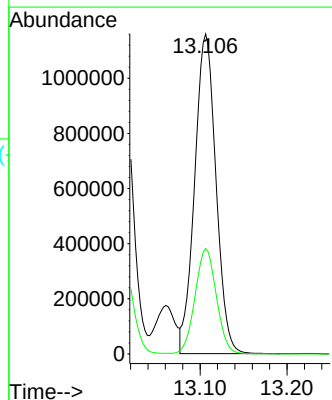
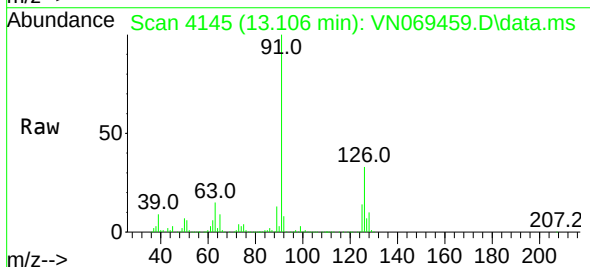
Manual Integrations
APPROVED

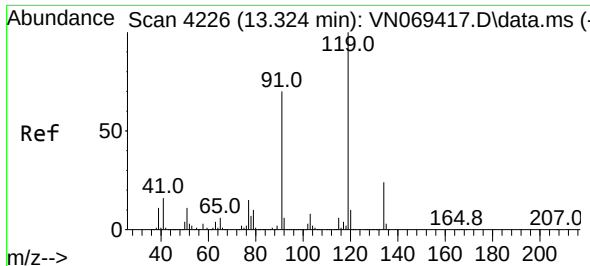
Reviewed By :John Carlone 11/12/2021
Supervised By :Mahesh Dadoda 11/17/2021



#82
4-Chlorotoluene
Concen: 47.414 ug/l
RT: 13.106 min Scan# 4145
Delta R.T. 0.000 min
Lab File: VN069459.D
Acq: 11 Nov 2021 17:38

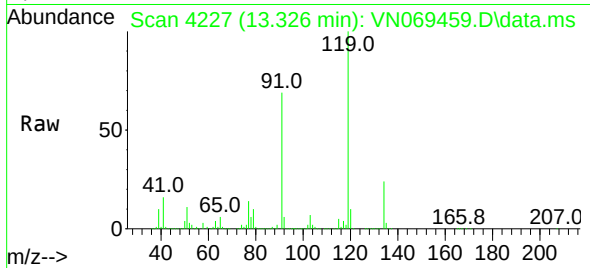
Tgt Ion: 91 Resp: 1971181
Ion Ratio Lower Upper
91 100
126 33.0 18.2 54.6





#83
tert-Butylbenzene
Concen: 48.366 ug/l
RT: 13.326 min Scan# 4226
Delta R.T. 0.002 min
Lab File: VN069459.D
Acq: 11 Nov 2021 17:38

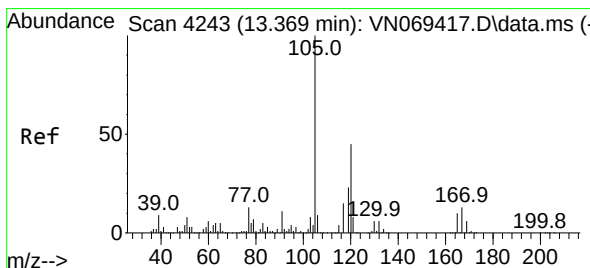
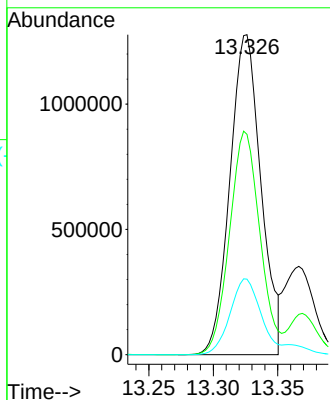
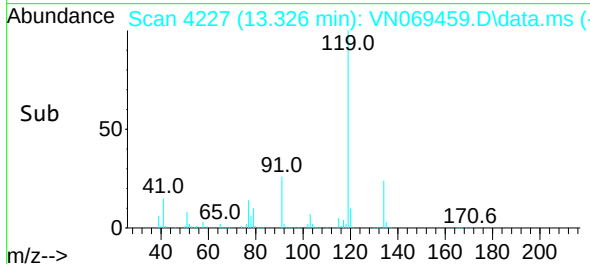
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:119 Resp: 214485
Ion Ratio Lower Upper
119 100
91 68.4 31.5 94.5
134 23.6 12.4 37.4

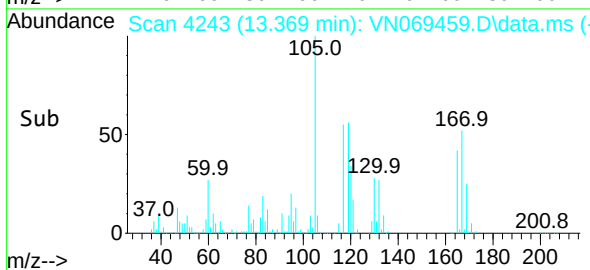
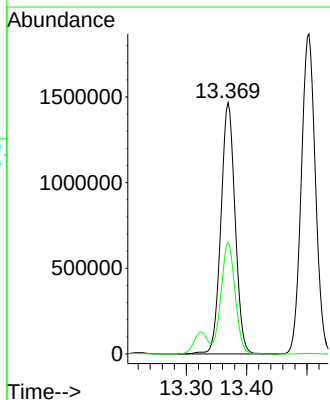
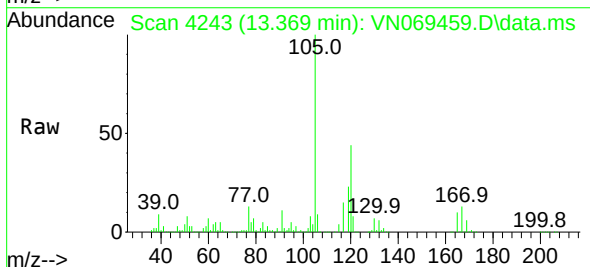
Manual Integrations
APPROVED

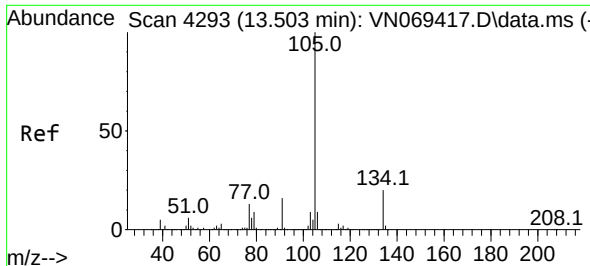
Reviewed By :John Carlone 11/12/2021
Supervised By :Mahesh Dadoda 11/17/2021



#84
1,2,4-Trimethylbenzene
Concen: 49.041 ug/l
RT: 13.369 min Scan# 4243
Delta R.T. 0.000 min
Lab File: VN069459.D
Acq: 11 Nov 2021 17:38

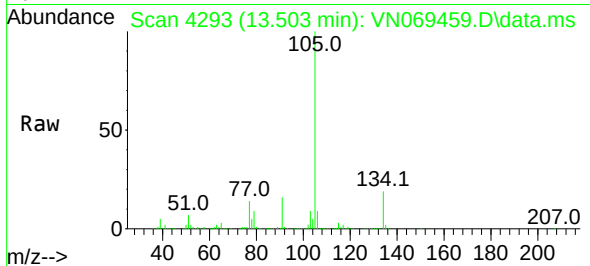
Tgt Ion:105 Resp: 2395852
Ion Ratio Lower Upper
105 100
120 44.4 22.8 68.4





#85
 sec-Butylbenzene
 Concen: 48.939 ug/l
 RT: 13.503 min Scan# 4293
 Delta R.T. 0.000 min
 Lab File: VN069459.D
 Acq: 11 Nov 2021 17:38

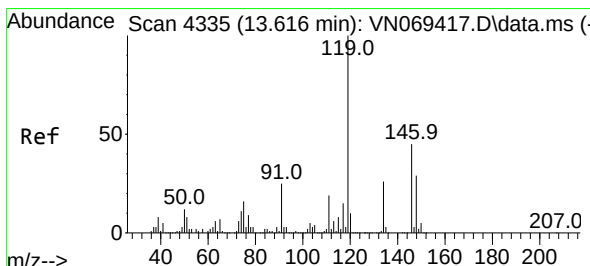
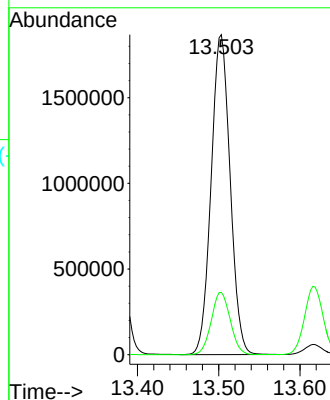
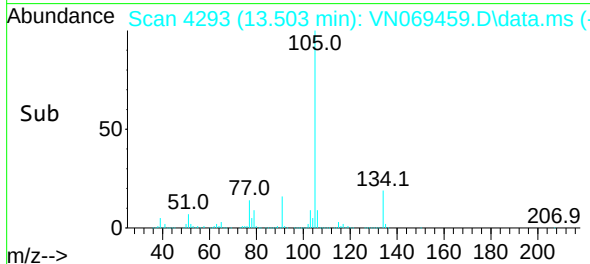
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



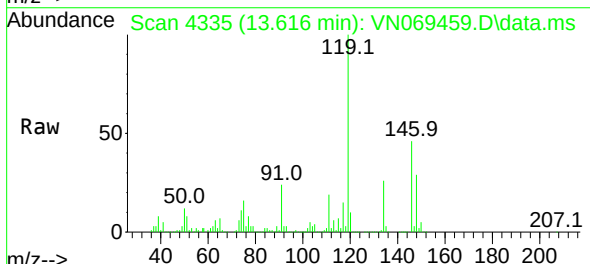
Tgt Ion:105 Resp: 3031644
 Ion Ratio Lower Upper
 105 100
 134 19.6 10.4 31.1

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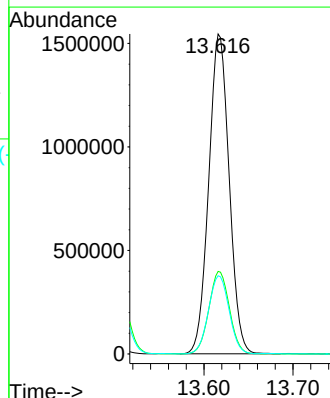
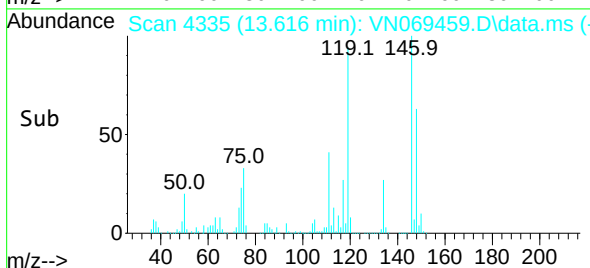
Reviewed By :John Carlone 11/12/2021
 Supervised By :Mahesh Dadoda 11/17/2021

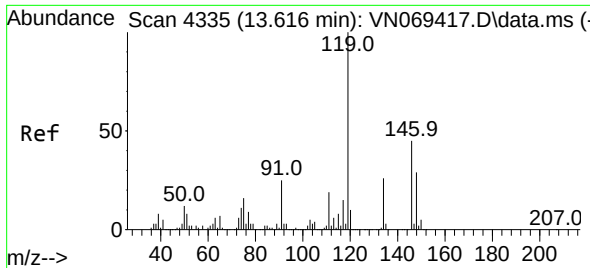


#86
 p-Isopropyltoluene
 Concen: 49.892 ug/l
 RT: 13.616 min Scan# 4335
 Delta R.T. -0.000 min
 Lab File: VN069459.D
 Acq: 11 Nov 2021 17:38



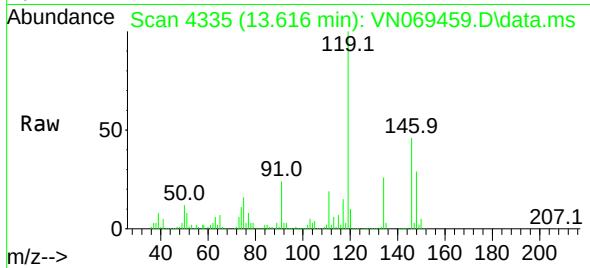
Tgt Ion:119 Resp: 2453525
 Ion Ratio Lower Upper
 119 100
 134 25.9 13.6 40.7
 91 24.7 11.4 34.1





#87
1,3-Dichlorobenzene
Concen: 48.566 ug/l
RT: 13.616 min Scan# 4335
Delta R.T. -0.000 min
Lab File: VN069459.D
Acq: 11 Nov 2021 17:38

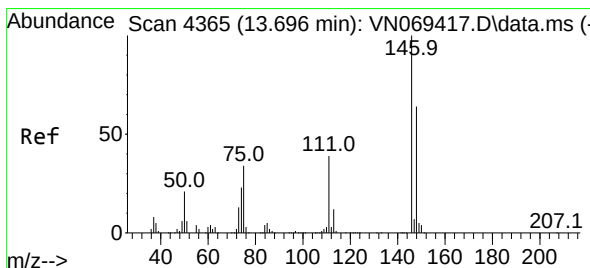
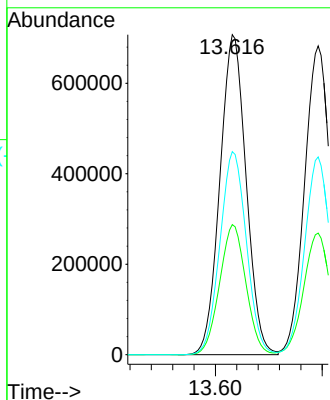
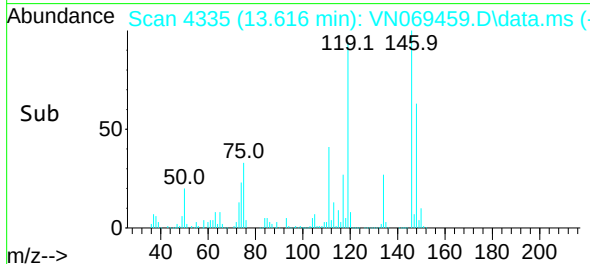
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



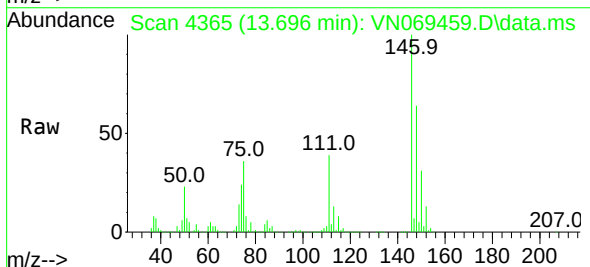
Tgt Ion:146 Resp: 120542
Ion Ratio Lower Upper
146 100
111 40.9 18.6 55.6
148 64.2 31.6 95.0

Manual Integrations
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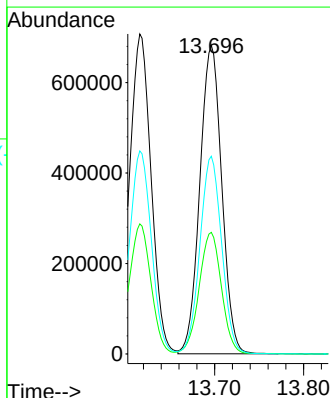
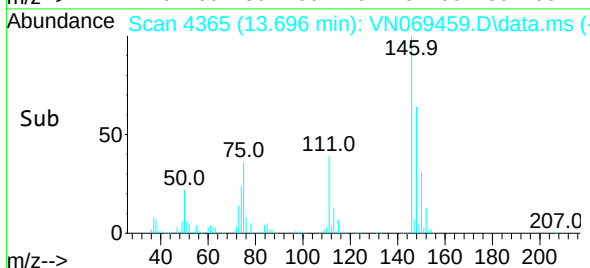
Reviewed By :John Carlone 11/12/2021
Supervised By :Mahesh Dadoda 11/17/2021

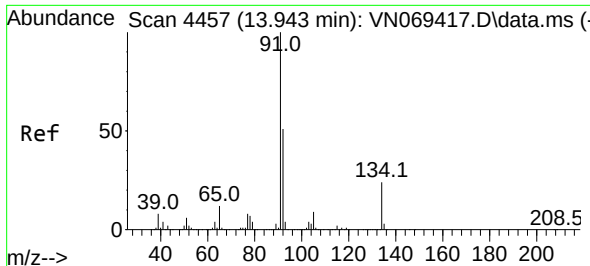


#88
1,4-Dichlorobenzene
Concen: 47.896 ug/l
RT: 13.696 min Scan# 4365
Delta R.T. 0.000 min
Lab File: VN069459.D
Acq: 11 Nov 2021 17:38



Tgt Ion:146 Resp: 1166245
Ion Ratio Lower Upper
146 100
111 39.9 18.3 54.8
148 63.9 31.8 95.4





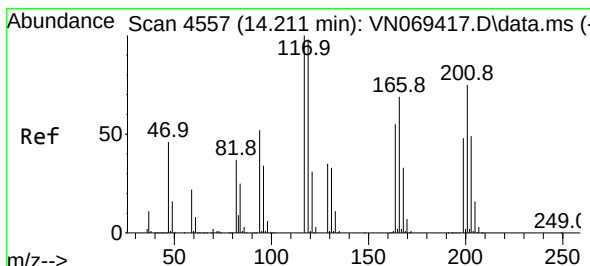
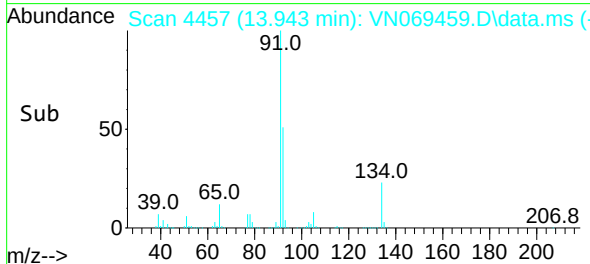
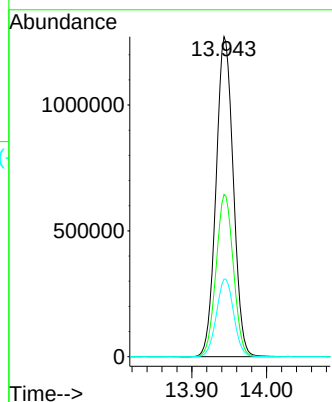
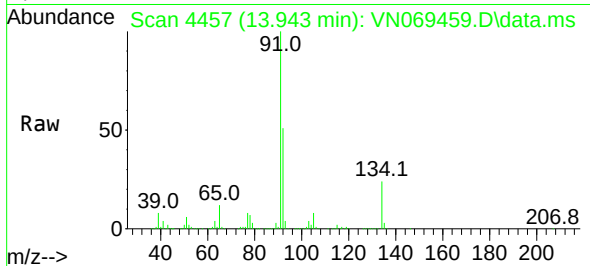
#89
n-Butylbenzene
Concen: 49.581 ug/l
RT: 13.943 min Scan# 4457
Delta R.T. 0.000 min
Lab File: VN069459.D
Acq: 11 Nov 2021 17:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 203328
Ion Ratio Lower Upper
91 100
92 51.0 25.4 76.0
134 24.5 13.6 40.8

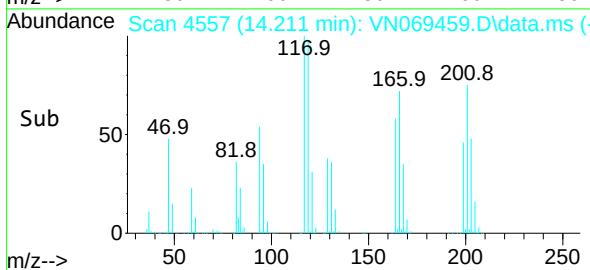
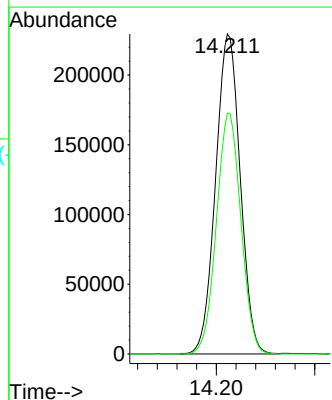
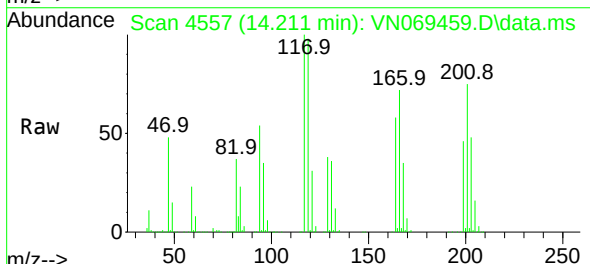
Manual Integrations
APPROVED

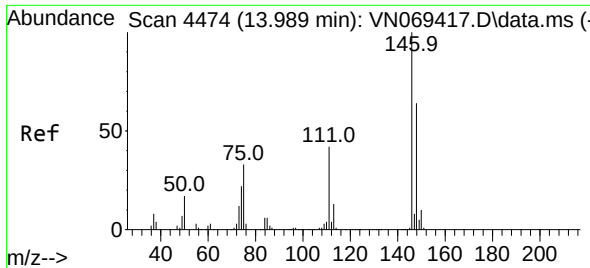
Reviewed By :John Carlone 11/12/2021
Supervised By :Mahesh Dadoda 11/17/2021



#90
Hexachloroethane
Concen: 44.346 ug/l
RT: 14.211 min Scan# 4557
Delta R.T. 0.000 min
Lab File: VN069459.D
Acq: 11 Nov 2021 17:38

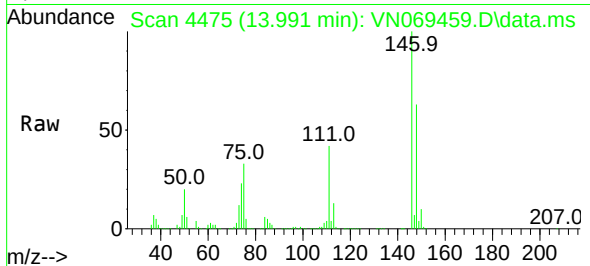
Tgt Ion:117 Resp: 398542
Ion Ratio Lower Upper
117 100
201 74.9 43.9 131.6





#91
1,2-Dichlorobenzene
Concen: 49.671 ug/l
RT: 13.991 min Scan# 4475
Delta R.T. 0.002 min
Lab File: VN069459.D
Acq: 11 Nov 2021 17:38

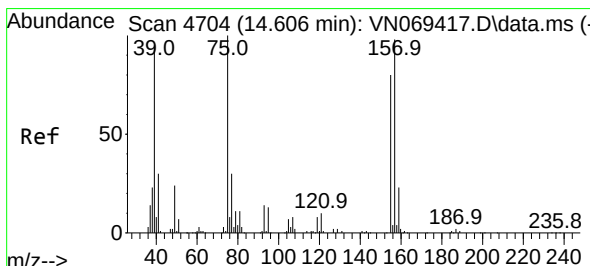
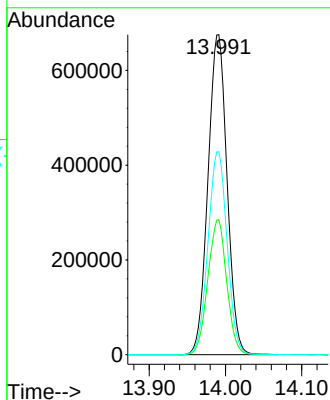
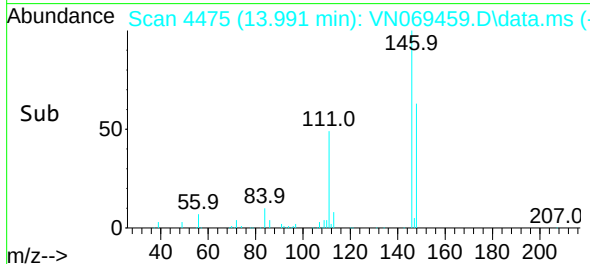
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:146 Resp: 1173119
Ion Ratio Lower Upper
146 100
111 41.8 19.1 57.3
148 63.9 32.1 96.3

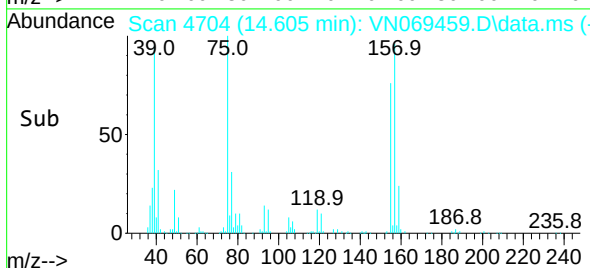
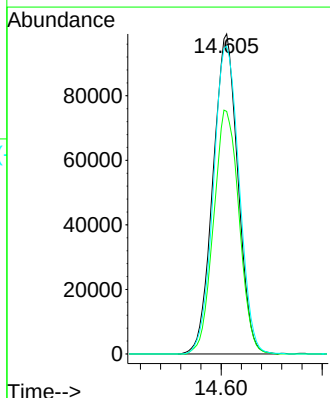
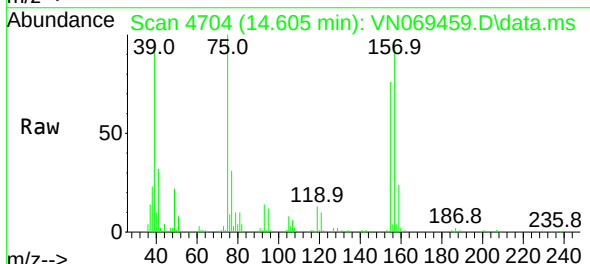
Manual Integrations
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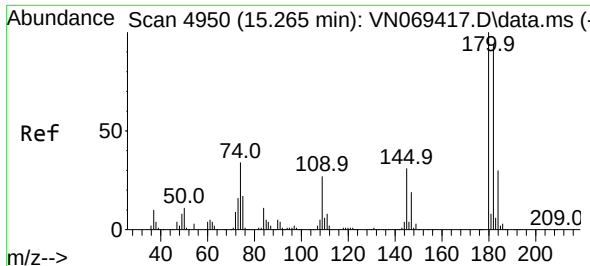
Reviewed By :John Carlone 11/12/2021
Supervised By :Mahesh Dadoda 11/17/2021



#92
1,2-Dibromo-3-Chloropropane
Concen: 43.423 ug/l
RT: 14.605 min Scan# 4704
Delta R.T. -0.001 min
Lab File: VN069459.D
Acq: 11 Nov 2021 17:38

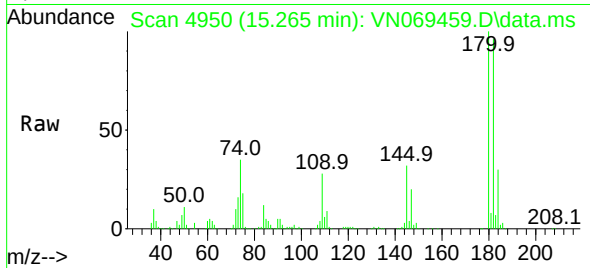
Tgt Ion: 75 Resp: 169480
Ion Ratio Lower Upper
75 100
155 77.8 46.9 140.7
157 99.6 60.6 181.7





#93
1,2,4-Trichlorobenzene
Concen: 43.943 ug/l
RT: 15.265 min Scan# 4950
Delta R.T. 0.000 min
Lab File: VN069459.D
Acq: 11 Nov 2021 17:38

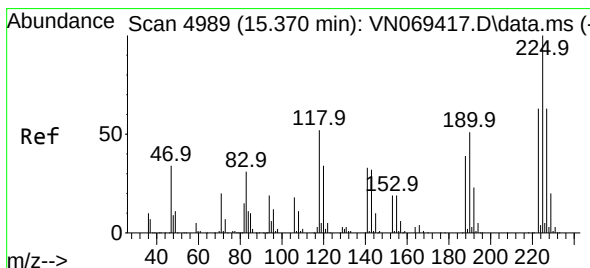
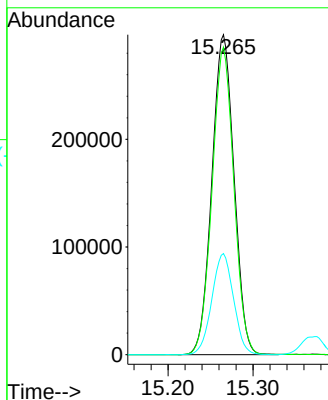
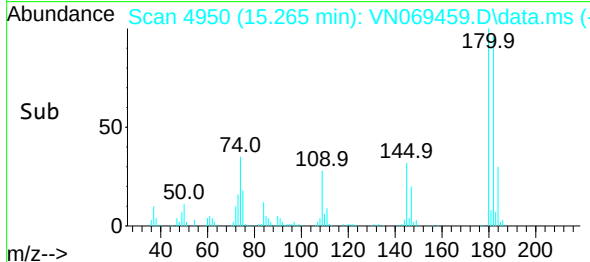
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



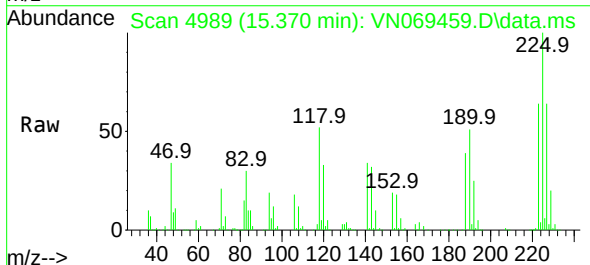
Tgt Ion:180 Resp: 538820
Ion Ratio Lower Upper
180 100
182 94.4 48.3 144.9
145 31.0 14.5 43.5

Manual Integrations
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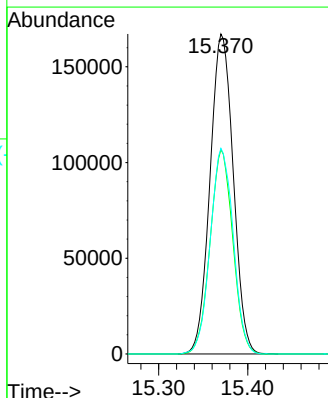
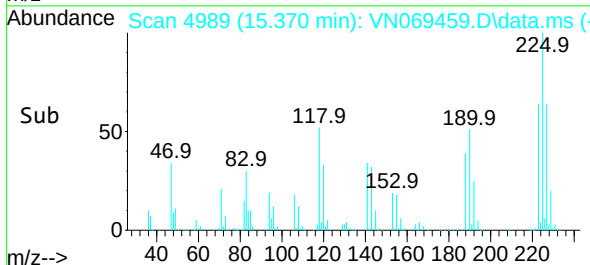
Reviewed By :John Carlone 11/12/2021
Supervised By :Mahesh Dadoda 11/17/2021

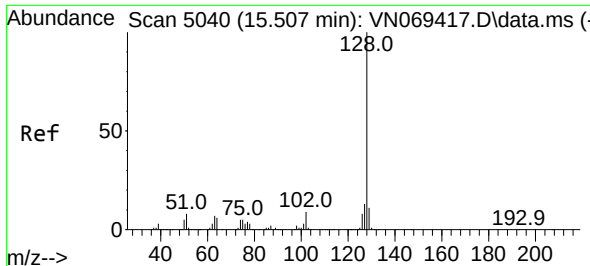


#94
Hexachlorobutadiene
Concen: 49.369 ug/l
RT: 15.370 min Scan# 4989
Delta R.T. -0.000 min
Lab File: VN069459.D
Acq: 11 Nov 2021 17:38



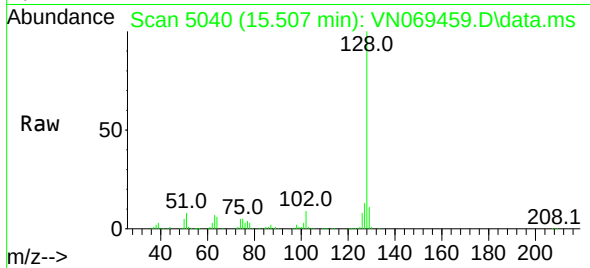
Tgt Ion:225 Resp: 302968
Ion Ratio Lower Upper
225 100
223 62.3 31.9 95.7
227 63.7 32.1 96.3





#95
Naphthalene
Concen: 41.665 ug/l
RT: 15.507 min Scan# 5040
Delta R.T. -0.000 min
Lab File: VN069459.D
Acq: 11 Nov 2021 17:38

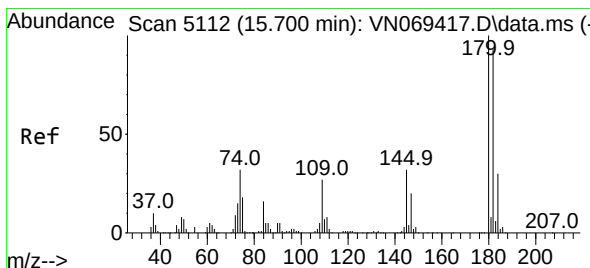
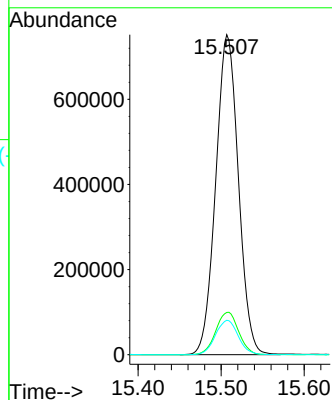
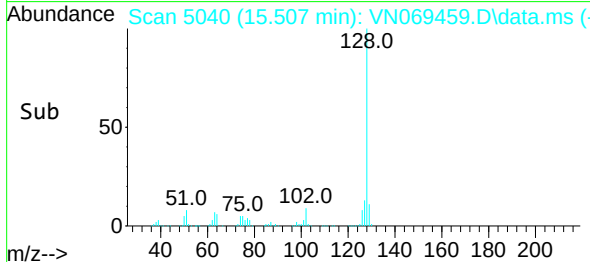
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



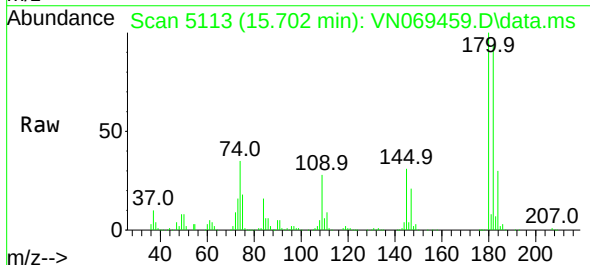
Tgt Ion:128 Resp: 1425698
Ion Ratio Lower Upper
128 100
127 13.5 10.5 15.7
129 10.8 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/12/2021
Supervised By :Mahesh Dadoda 11/17/2021



#96
1,2,3-Trichlorobenzene
Concen: 44.688 ug/l
RT: 15.702 min Scan# 5113
Delta R.T. 0.002 min
Lab File: VN069459.D
Acq: 11 Nov 2021 17:38



Tgt Ion:180 Resp: 524565
Ion Ratio Lower Upper
180 100
182 95.1 47.4 142.2
145 31.4 15.0 45.1

