

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120221\
 Data File : VN069704.D
 Acq On : 2 Dec 2021 19:20
 Operator : JC/MD
 Sample : VSTDICC100
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/03/2021
 Supervised By : Mahesh Dadoda 12/06/2021

Quant Time: Dec 03 07:49:53 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 03 07:46:09 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.085	168	1208780	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	2040222	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	1988101	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	831231	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	1830878	100.624	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 201.240%#			
35) Dibromofluoromethane	8.021	113	1259547	99.916	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 199.840%#			
50) Toluene-d8	10.443	98	5064195	102.249	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 204.500%#			
62) 4-Bromofluorobenzene	12.731	95	1955174	107.927	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 215.860%#			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.072	85	1479462	111.001	ug/l	99
3) Chloromethane	2.300	50	1674407	106.764	ug/l	99
4) Vinyl Chloride	2.445	62	1610474	104.571	ug/l	99
5) Bromomethane	2.821	94	836659	85.070	ug/l	99
6) Chloroethane	2.990	64	939927	91.838	ug/l	98
7) Trichlorofluoromethane	3.360	101	2057519	89.116	ug/l	98
8) Diethyl Ether	3.818	74	809759	104.309	ug/l	84
9) 1,1,2-Trichlorotrifluo...	4.197	101	1168184	103.983	ug/l	96
10) Methyl Iodide	4.411	142	1751818	121.714	ug/l	98
11) Tert butyl alcohol	5.395	59	1883033	569.279	ug/l	99
12) 1,1-Dichloroethene	4.170	96	1142814	111.983	ug/l	89
13) Acrolein	4.036	56	1488551	1463.699	ug/l	99
14) Allyl chloride	4.832	41	2642790	116.507	ug/l	93
15) Acrylonitrile	5.556	53	4803575	567.724	ug/l	99
16) Acetone	4.290	43	5349169	539.436	ug/l	96
17) Carbon Disulfide	4.518	76	3152196	127.537	ug/l	99
18) Methyl Acetate	4.854	43	3270170	103.107	ug/l	92
19) Methyl tert-butyl Ether	5.618	73	4524206	106.256	ug/l	97
20) Methylene Chloride	5.090	84	1407938	101.754	ug/l	86
21) trans-1,2-Dichloroethene	5.591	96	1234711	108.597	ug/l	86
22) Diisopropyl ether	6.500	45	5200905	108.159	ug/l	93
23) Vinyl Acetate	6.433	43	21927624	582.671	ug/l	95
24) 1,1-Dichloroethane	6.385	63	2631130	107.155	ug/l	98
25) 2-Butanone	7.337	43	7647924	569.166	ug/l	92
26) 2,2-Dichloropropane	7.324	77	2069982	108.885	ug/l	96
27) cis-1,2-Dichloroethene	7.324	96	1507206	107.562	ug/l	87
28) Bromochloromethane	7.659	49	1398837	110.645	ug/l #	79
29) Tetrahydrofuran	7.686	42	4760838	579.470	ug/l	89
30) Chloroform	7.817	83	2637926	105.324	ug/l	99
31) Cyclohexane	8.094	56	2490694	100.011	ug/l	88
32) 1,1,1-Trichloroethane	8.013	97	2326194	110.839	ug/l	96
36) 1,1-Dichloropropene	8.222	75	1961560	110.761	ug/l	97
37) Ethyl Acetate	7.418	43	2857423	117.449	ug/l	96
38) Carbon Tetrachloride	8.206	117	1957336	114.227	ug/l	98
39) Methylcyclohexane	9.459	83	2382406	109.111	ug/l	91
40) Benzene	8.458	78	5891230	107.846	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.638	41	1444767	115.013	ug/l #	88
42) 1,2-Dichloroethane	8.531	62	2332734	108.531	ug/l	96
43) Isopropyl Acetate	8.563	43	4400659	114.095	ug/l #	94
44) Trichloroethene	9.217	130	1435563	109.720	ug/l	91
45) 1,2-Dichloropropane	9.491	63	1586950	108.998	ug/l	99
46) Dibromomethane	9.577	93	1044961	107.304	ug/l	93
47) Bromodichloromethane	9.764	83	2089783	114.988	ug/l	100
48) Methyl methacrylate	9.561	41	2121075	117.825	ug/l	86
49) 1,4-Dioxane	9.571	88	761948	2354.048	ug/l #	85
51) 4-Methyl-2-Pentanone	10.333	43	14854392	594.630	ug/l	97
52) Toluene	10.507	92	3738457	110.525	ug/l	98
53) t-1,3-Dichloropropene	10.719	75	2373296	124.443	ug/l	99
54) cis-1,3-Dichloropropene	10.191	75	2485330	119.422	ug/l #	90
55) 1,1,2-Trichloroethane	10.899	97	1497582	110.003	ug/l	98
56) Ethyl methacrylate	10.762	69	2743935	120.775	ug/l #	86
57) 1,3-Dichloropropane	11.046	76	2630201	109.484	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.043	63	3655711	678.177	ug/l	92
59) 2-Hexanone	11.087	43	11113902	596.112	ug/l	94
60) Dibromochloromethane	11.239	129	1566965	122.416	ug/l	100
61) 1,2-Dibromoethane	11.347	107	1610121	116.353	ug/l	99
64) Tetrachloroethene	10.979	164	1286176	103.758	ug/l	96
65) Chlorobenzene	11.771	112	4000099	105.358	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.843	131	1464165	110.907	ug/l	99
67) Ethyl Benzene	11.846	91	7469050	106.552	ug/l	96
68) m/p-Xylenes	11.956	106	5511584	214.615	ug/l	94
69) o-Xylene	12.280	106	2788906	108.837	ug/l	92
70) Styrene	12.296	104	4643957	112.765	ug/l	96
71) Bromoform	12.460	173	1223274	128.695	ug/l #	100
73) Isopropylbenzene	12.580	105	7342158	107.924	ug/l	99
74) N-amyl acetate	12.390	43	3440496	118.205	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.827	83	2331586	101.130	ug/l	99
76) 1,2,3-Trichloropropane	12.881	75	2172841m	101.023	ug/l	
77) Bromobenzene	12.862	156	1699910	108.788	ug/l	79
78) n-propylbenzene	12.921	91	8450055	110.356	ug/l	96
79) 2-Chlorotoluene	13.010	91	5144178	108.237	ug/l	93
80) 1,3,5-Trimethylbenzene	13.061	105	5987205	108.754	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.626	75	753765	124.702	ug/l	97
82) 4-Chlorotoluene	13.106	91	4961006	109.624	ug/l	93
83) tert-Butylbenzene	13.323	119	5294246	109.806	ug/l	93
84) 1,2,4-Trimethylbenzene	13.369	105	5793121	109.116	ug/l	97
85) sec-Butylbenzene	13.503	105	7420464	110.541	ug/l	97
86) p-Isopropyltoluene	13.616	119	5877873	110.602	ug/l	96
87) 1,3-Dichlorobenzene	13.616	146	2807077	104.609	ug/l	97
88) 1,4-Dichlorobenzene	13.696	146	2744034	104.455	ug/l	98
89) n-Butylbenzene	13.943	91	5003293	113.451	ug/l	97
90) Hexachloroethane	14.211	117	1077869	122.154	ug/l	88
91) 1,2-Dichlorobenzene	13.989	146	2675642	104.582	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.603	75	491282	129.796	ug/l	80
93) 1,2,4-Trichlorobenzene	15.265	180	1370161	122.225	ug/l	98
94) Hexachlorobutadiene	15.372	225	698272	104.729	ug/l	99
95) Naphthalene	15.507	128	4115480	134.554	ug/l	100
96) 1,2,3-Trichlorobenzene	15.702	180	1329566	122.888	ug/l	98

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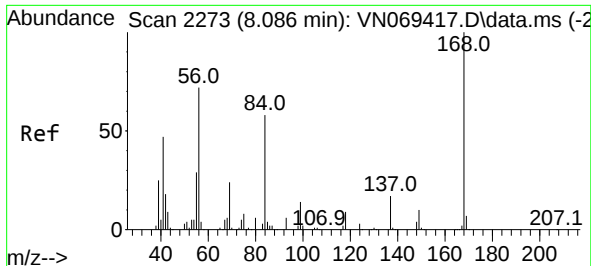
Manual Integrations
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



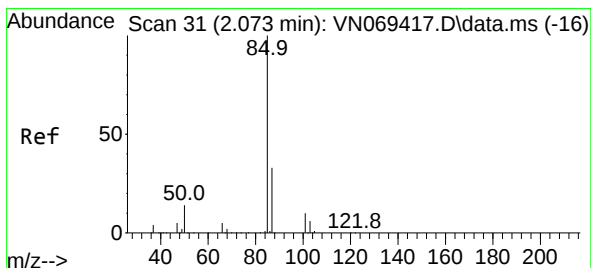
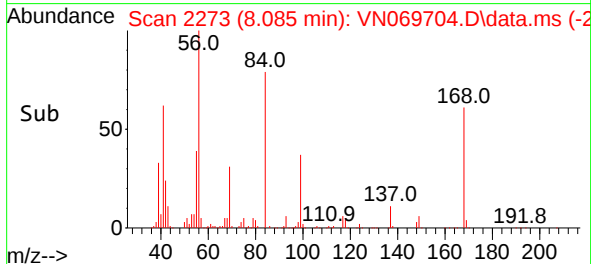
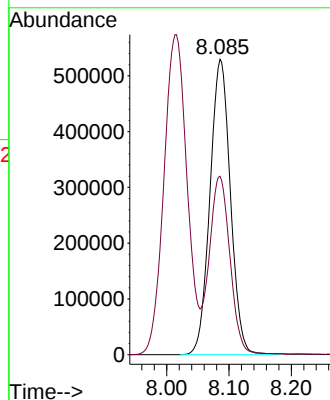
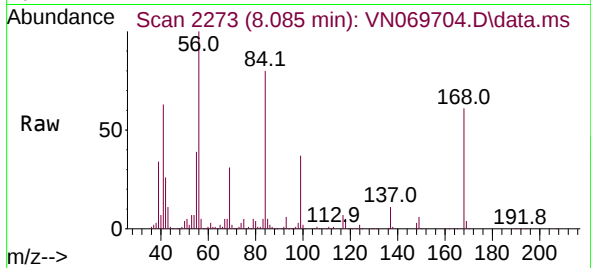
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.085 min Scan# 21
Delta R.T. -0.001 min
Lab File: VN069704.D
Acq: 2 Dec 2021 19:20

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MSVOA_N
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VSTDICC100

Tgt Ion:168 Resp: 1208780
Ion Ratio Lower Upper
168 100
99 60.1 41.3 61.9

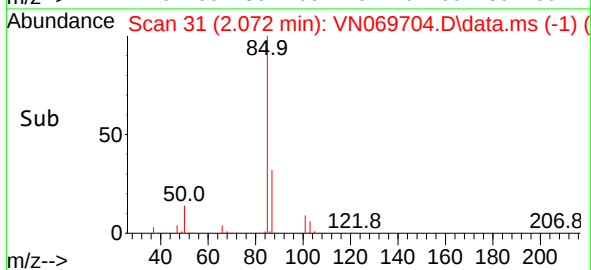
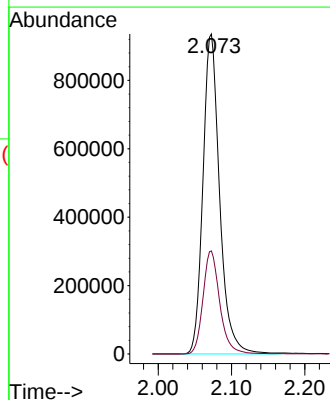
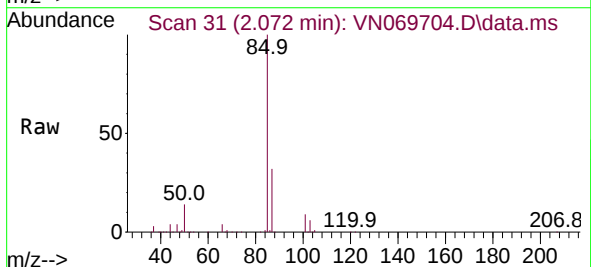
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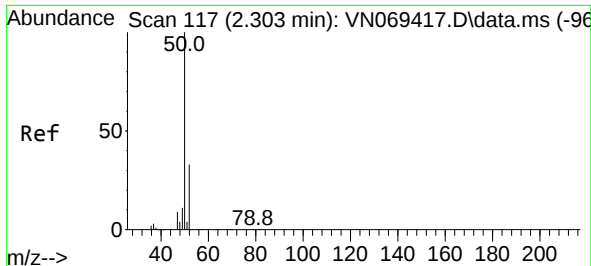
Reviewed By :John Carlone 12/03/2021
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#2
Dichlorodifluoromethane
Concen: 111.001 ug/l
RT: 2.072 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN069704.D
Acq: 2 Dec 2021 19:20

Tgt Ion: 85 Resp: 1479462
Ion Ratio Lower Upper
85 100
87 32.2 16.3 48.9





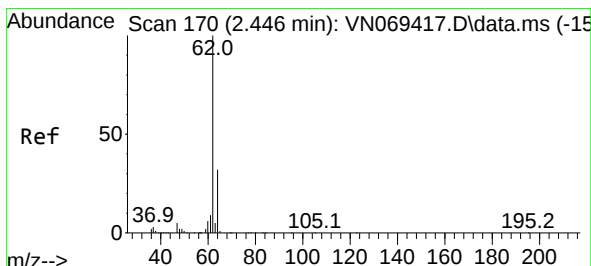
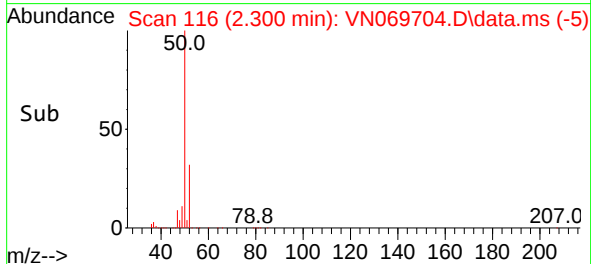
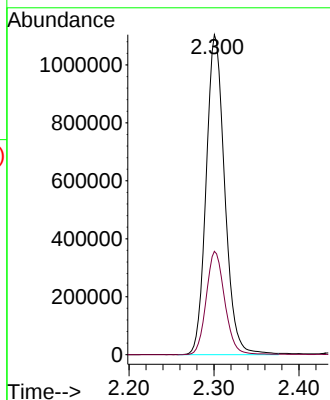
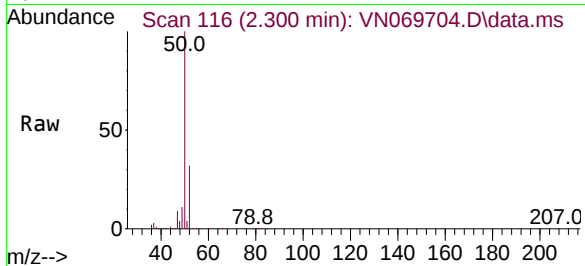
#3
Chloromethane
Concen: 106.764 ug/l
RT: 2.300 min Scan# 117
Delta R.T. -0.003 min
Lab File: VN069704.D
Acq: 2 Dec 2021 19:20

Instrument :
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ClientSampleId :
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Tgt Ion: 50 Resp: 167440
Ion Ratio Lower Upper
50 100
52 32.3 25.4 38.0

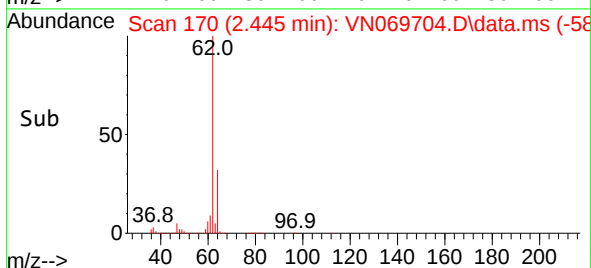
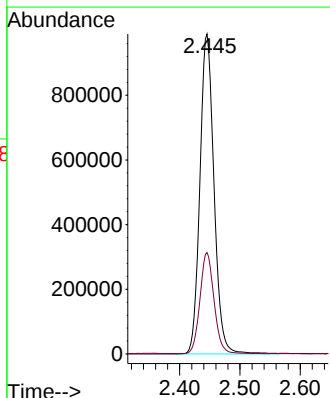
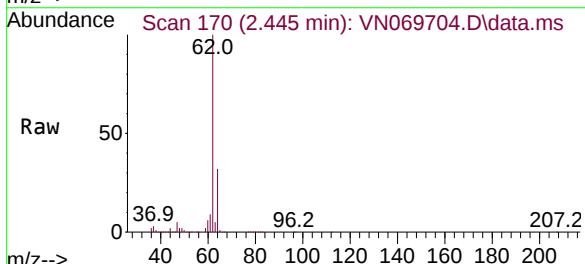
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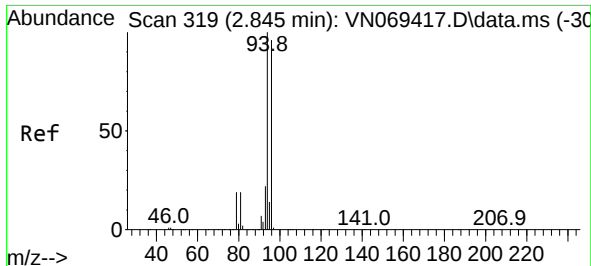
Reviewed By :John Carlone 12/03/2021
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#4
Vinyl Chloride
Concen: 104.571 ug/l
RT: 2.445 min Scan# 170
Delta R.T. -0.000 min
Lab File: VN069704.D
Acq: 2 Dec 2021 19:20

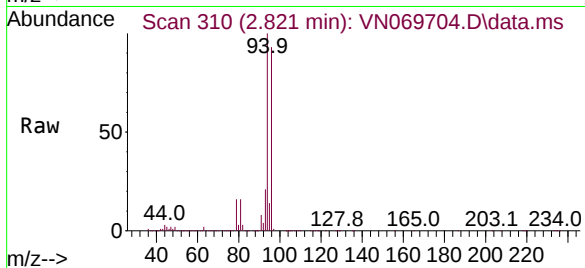
Tgt Ion: 62 Resp: 1610474
Ion Ratio Lower Upper
62 100
64 31.6 25.8 38.6





#5
Bromomethane
Concen: 85.070 ug/l
RT: 2.821 min Scan# 319
Delta R.T. -0.016 min
Lab File: VN069704.D
Acq: 2 Dec 2021 19:20

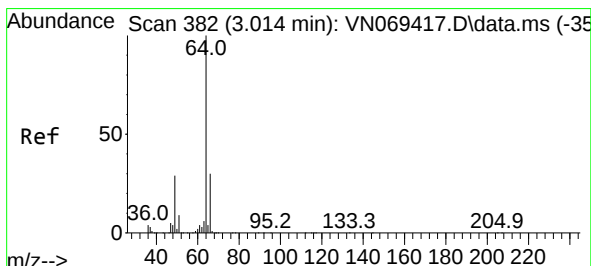
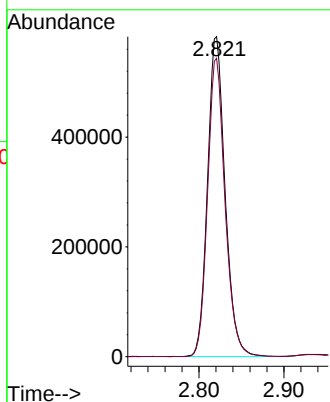
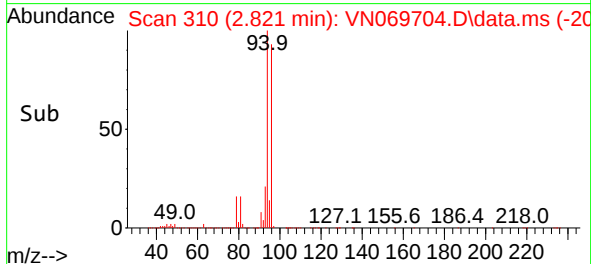
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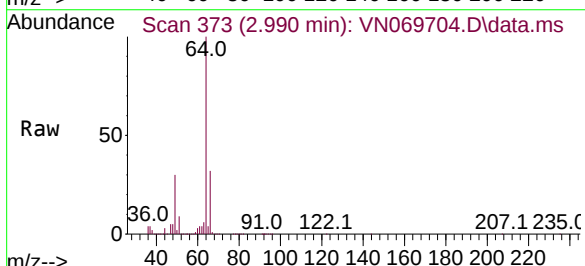
Tgt Ion: 94 Resp: 836659
Ion Ratio Lower Upper
94 100
96 93.3 73.8 110.8

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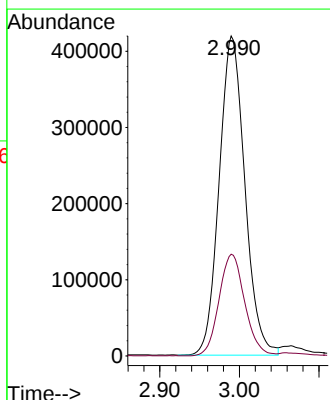
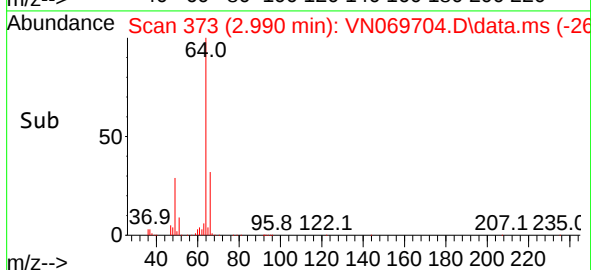
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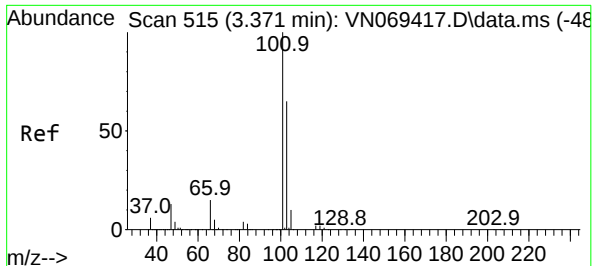


#6
Chloroethane
Concen: 91.838 ug/l
RT: 2.990 min Scan# 373
Delta R.T. -0.019 min
Lab File: VN069704.D
Acq: 2 Dec 2021 19:20



Tgt Ion: 64 Resp: 939927
Ion Ratio Lower Upper
64 100
66 31.8 26.3 39.5





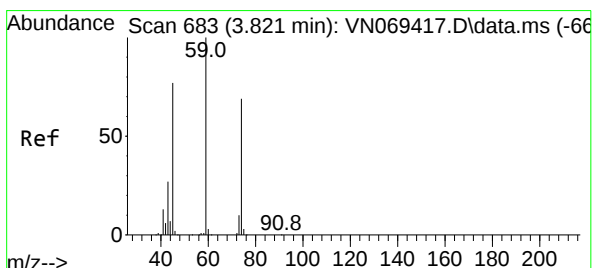
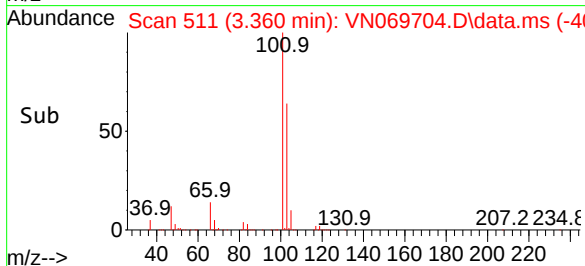
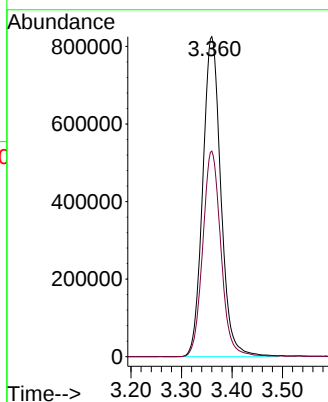
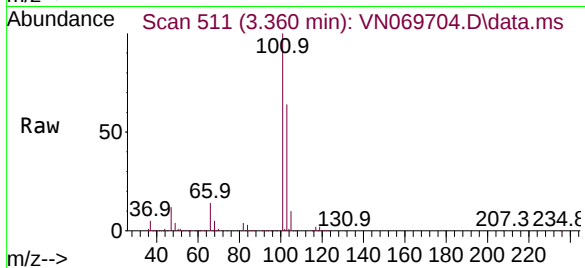
#7
Trichlorofluoromethane
Concen: 89.116 ug/l
RT: 3.360 min Scan# 515
Delta R.T. -0.008 min
Lab File: VN069704.D
Acq: 2 Dec 2021 19:20

Instrument :
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ClientSampleId :
VSTDIC100

Tgt Ion:101 Resp: 2057519
Ion Ratio Lower Upper
101 100
103 64.2 50.1 75.1

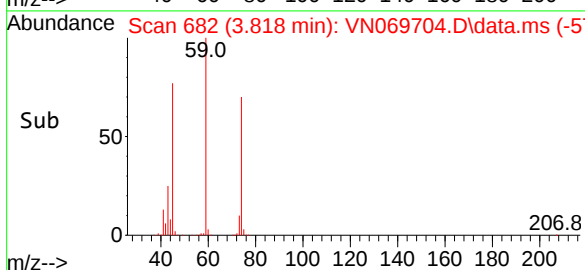
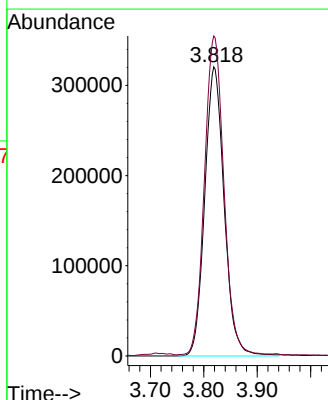
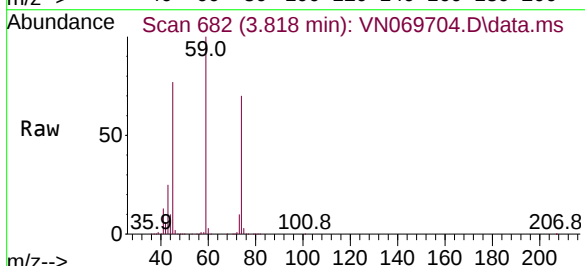
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#8
Diethyl Ether
Concen: 104.309 ug/l
RT: 3.818 min Scan# 682
Delta R.T. -0.003 min
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Tgt Ion: 74 Resp: 809759
Ion Ratio Lower Upper
74 100
45 109.9 47.0 141.2





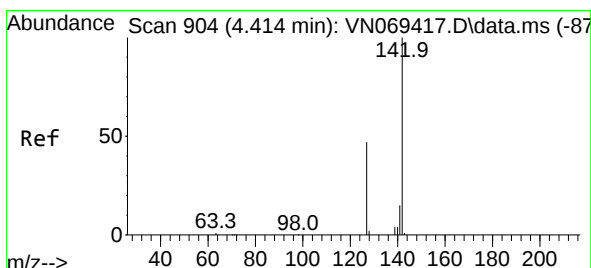
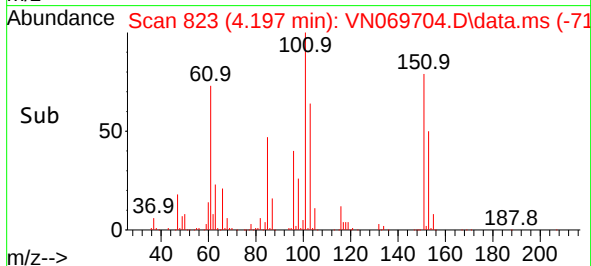
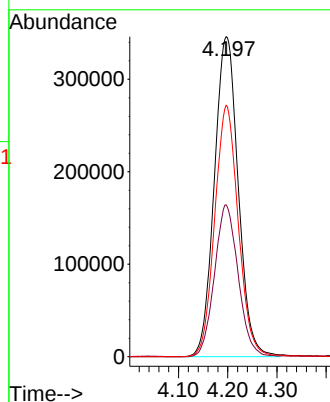
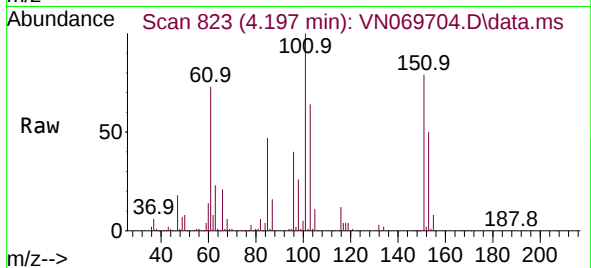
#9
1,1,2-Trichlorotrifluoroethane
Concen: 103.983 ug/l
RT: 4.197 min Scan# 81
Delta R.T. -0.005 min
Lab File: VN069704.D
Acq: 2 Dec 2021 19:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion:101 Resp: 1168184
Ion Ratio Lower Upper
101 100
85 47.0 37.2 55.8
151 77.5 65.9 98.9

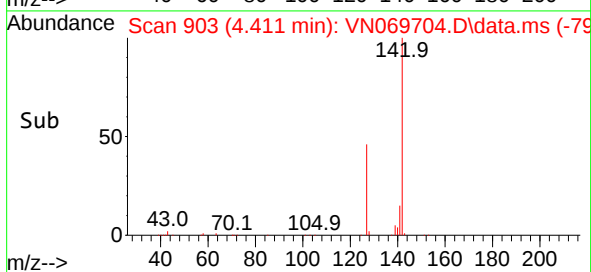
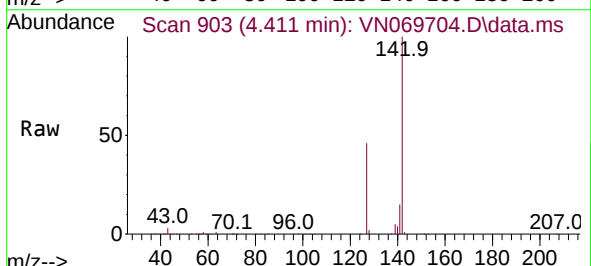
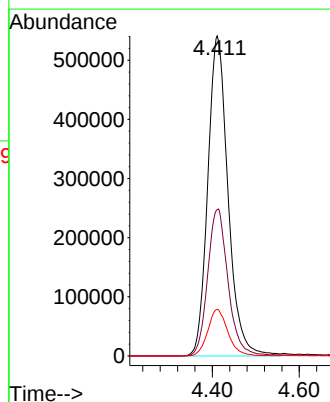
Manual Integrations
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Reviewed By :John Carlone 12/03/2021
Supervised By :Mahesh Dadoda 12/06/2021



#10
Methyl Iodide
Concen: 121.714 ug/l
RT: 4.411 min Scan# 903
Delta R.T. -0.003 min
Lab File: VN069704.D
Acq: 2 Dec 2021 19:20

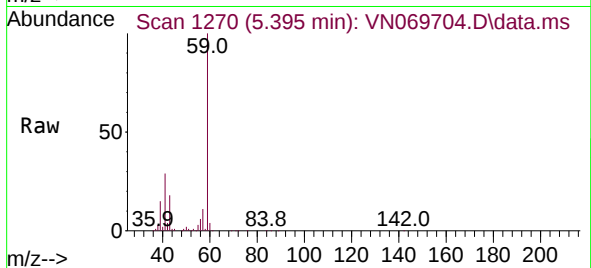
Tgt Ion:142 Resp: 1751818
Ion Ratio Lower Upper
142 100
127 46.2 35.4 53.0
141 14.5 11.6 17.4





#11
Tert butyl alcohol
Concen: 569.279 ug/l
RT: 5.395 min Scan# 11
Delta R.T. 0.005 min
Lab File: VN069704.D
Acq: 2 Dec 2021 19:20

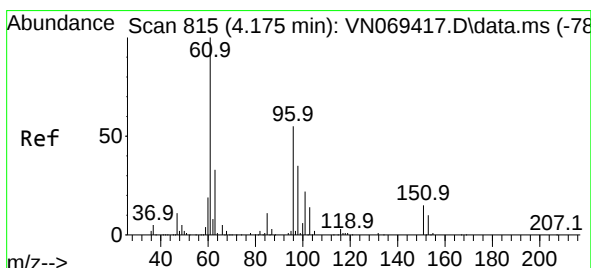
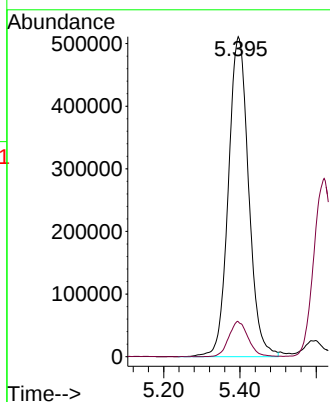
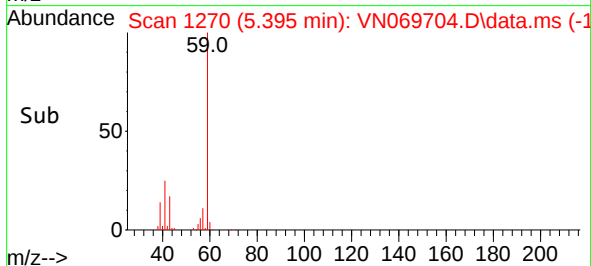
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



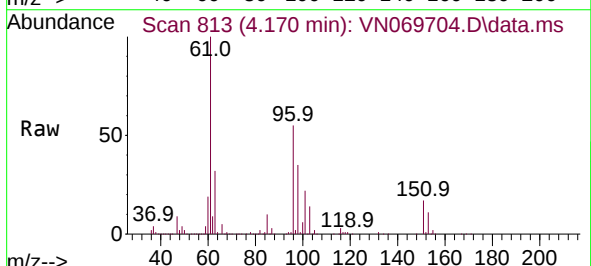
Tgt Ion: 59 Resp: 188303
Ion Ratio Lower Upper
59 100
57 10.6 8.7 13.1

Manual Integrations
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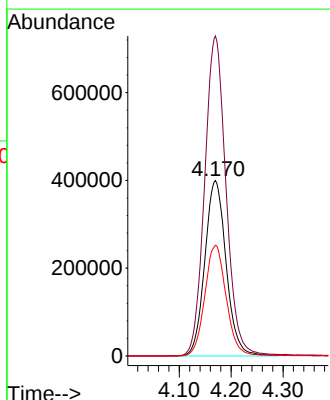
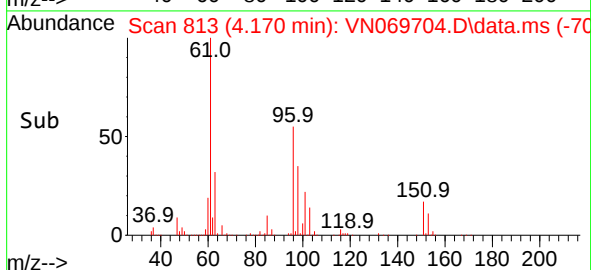
Reviewed By :John Carlone 12/03/2021
Supervised By :Mahesh Dadoda 12/06/2021



#12
1,1-Dichloroethene
Concen: 111.983 ug/l
RT: 4.170 min Scan# 813
Delta R.T. -0.005 min
Lab File: VN069704.D
Acq: 2 Dec 2021 19:20



Tgt Ion: 96 Resp: 1142814
Ion Ratio Lower Upper
96 100
61 182.4 131.0 196.6
98 63.1 52.4 78.6





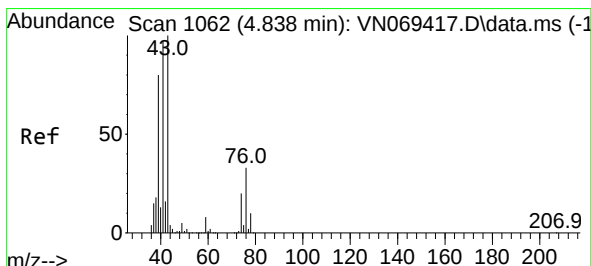
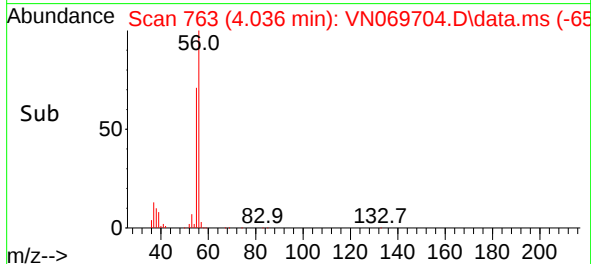
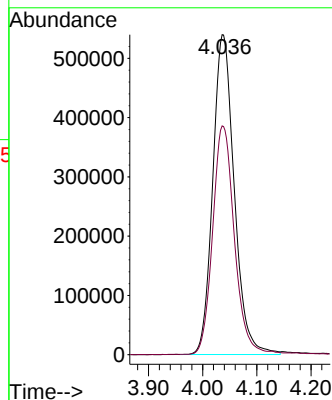
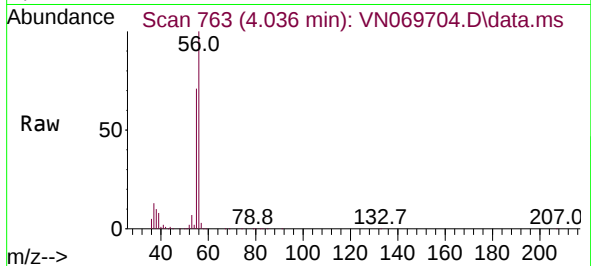
#13
Acrolein
Concen: 1463.699 ug/l
RT: 4.036 min Scan# 70
Delta R.T. -0.003 min
Lab File: VN069704.D
Acq: 2 Dec 2021 19:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion: 56 Resp: 148855
Ion Ratio Lower Upper
56 100
55 71.6 56.6 85.0

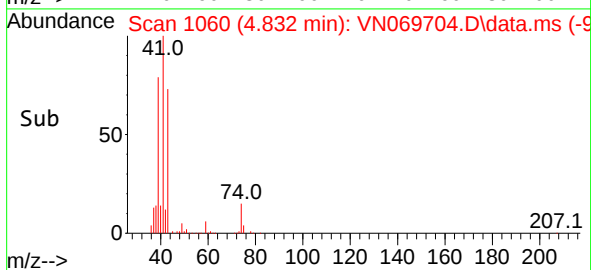
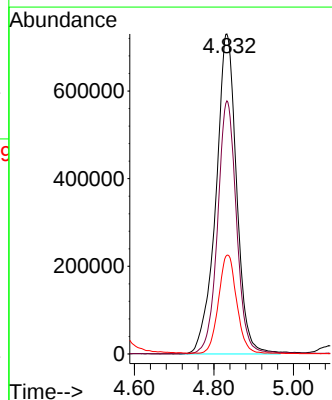
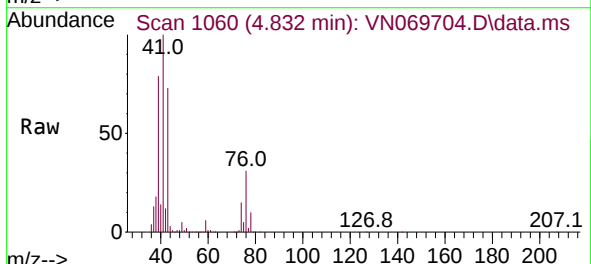
Manual Integrations
APPROVED

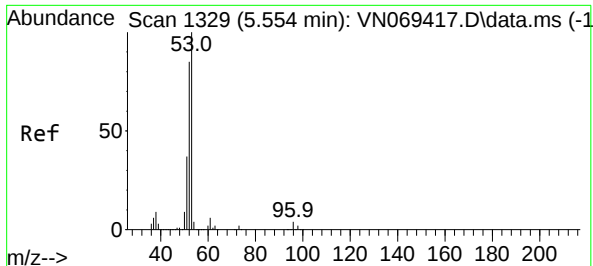
Reviewed By :John Carlone 12/03/2021
Supervised By :Mahesh Dadoda 12/06/2021



#14
Allyl chloride
Concen: 116.507 ug/l
RT: 4.832 min Scan# 1060
Delta R.T. -0.005 min
Lab File: VN069704.D
Acq: 2 Dec 2021 19:20

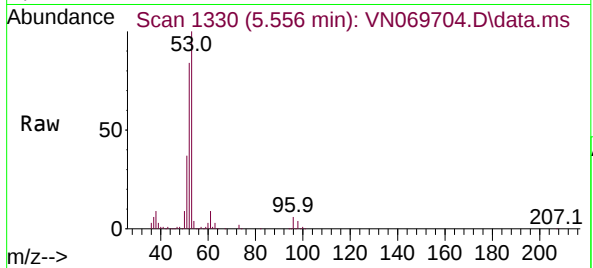
Tgt Ion: 41 Resp: 2642790
Ion Ratio Lower Upper
41 100
39 71.8 61.2 91.8
76 26.6 26.0 39.0





#15
Acrylonitrile
Concen: 567.724 ug/l
RT: 5.556 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN069704.D
Acq: 2 Dec 2021 19:20

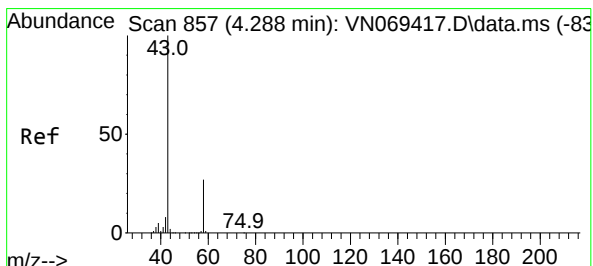
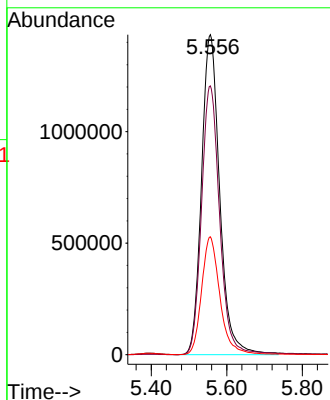
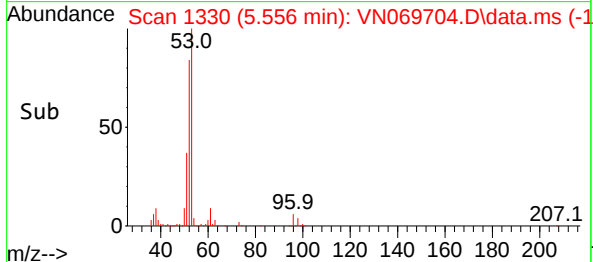
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion: 53 Resp: 480357
Ion Ratio Lower Upper
53 100
52 83.7 66.2 99.2
51 37.1 29.6 44.4

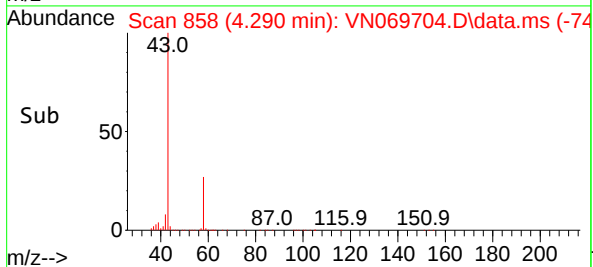
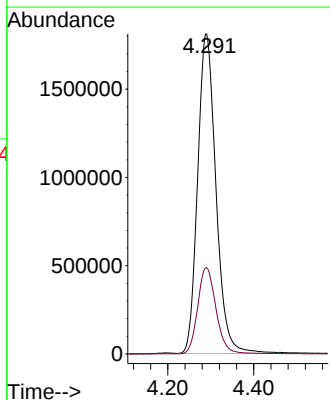
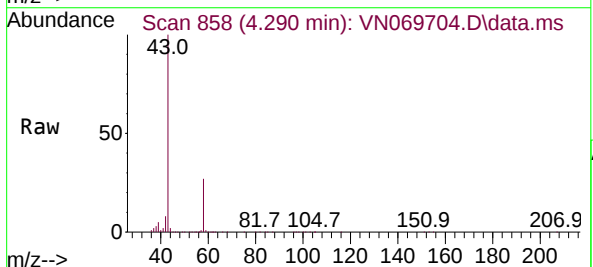
Manual Integrations
APPROVED

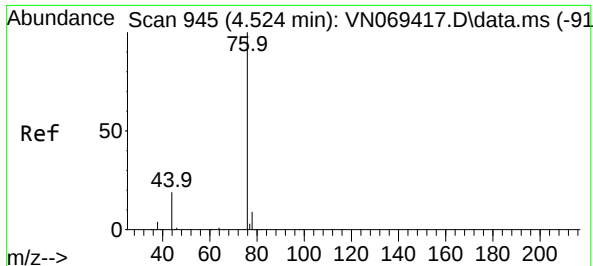
Reviewed By :John Carlone 12/03/2021
Supervised By :Mahesh Dadoda 12/06/2021



#16
Acetone
Concen: 539.436 ug/l
RT: 4.290 min Scan# 858
Delta R.T. -0.000 min
Lab File: VN069704.D
Acq: 2 Dec 2021 19:20

Tgt Ion: 43 Resp: 5349169
Ion Ratio Lower Upper
43 100
58 27.0 23.1 34.7





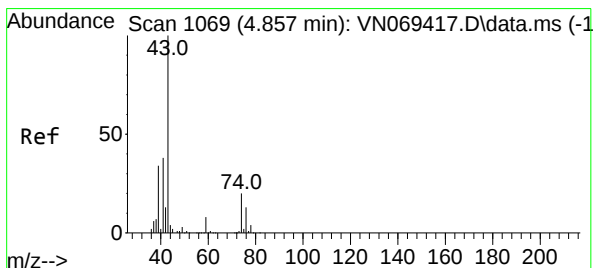
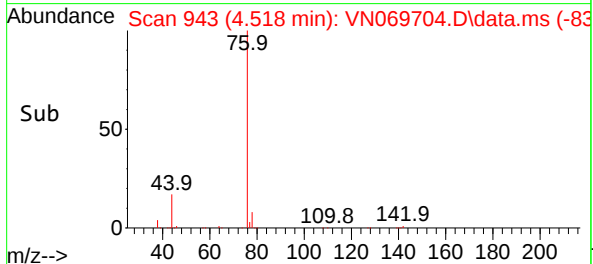
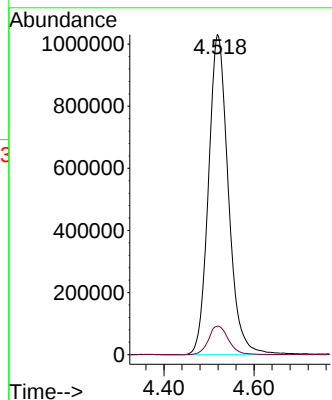
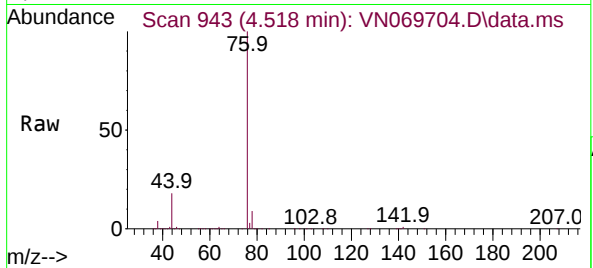
#17
Carbon Disulfide
Concen: 127.537 ug/l
RT: 4.518 min Scan# 945
Delta R.T. -0.005 min
Lab File: VN069704.D
Acq: 2 Dec 2021 19:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion: 76 Resp: 3152190
Ion Ratio Lower Upper
76 100
78 8.9 7.5 11.3

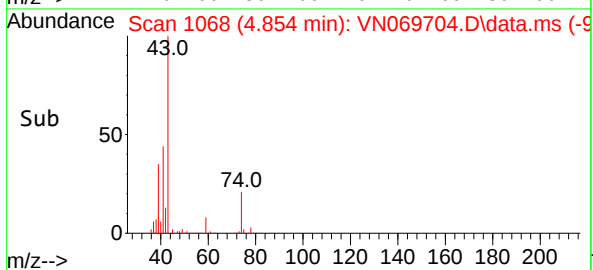
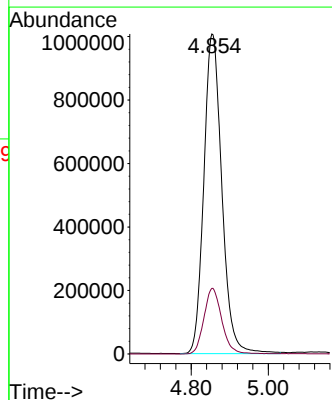
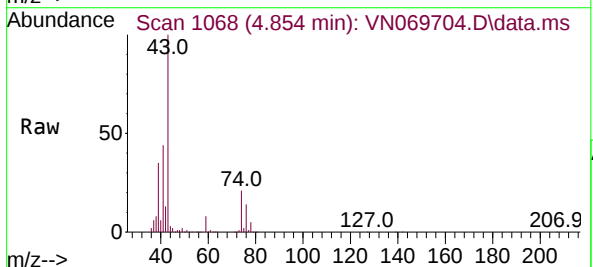
Manual Integrations
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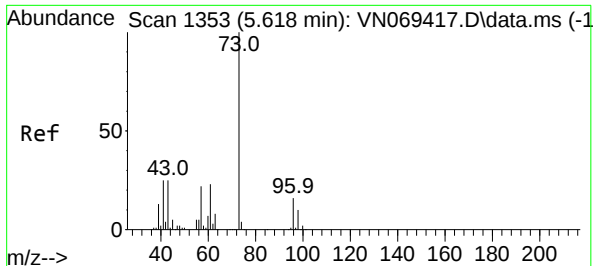
Reviewed By :John Carlone 12/03/2021
Supervised By :Mahesh Dadoda 12/06/2021



#18
Methyl Acetate
Concen: 103.107 ug/l
RT: 4.854 min Scan# 1068
Delta R.T. -0.003 min
Lab File: VN069704.D
Acq: 2 Dec 2021 19:20

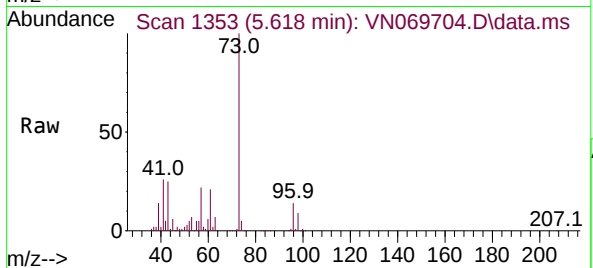
Tgt Ion: 43 Resp: 3270170
Ion Ratio Lower Upper
43 100
74 20.3 19.4 29.2





#19
Methyl tert-butyl Ether
Concen: 106.256 ug/l
RT: 5.618 min Scan# 1156
Delta R.T. -0.000 min
Lab File: VN069704.D
Acq: 2 Dec 2021 19:20

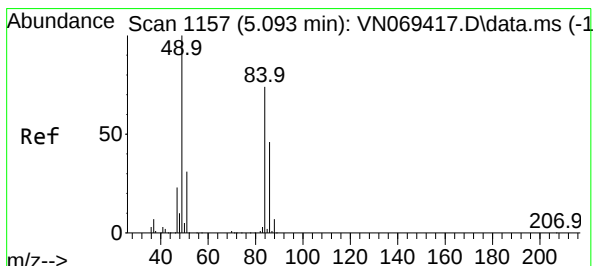
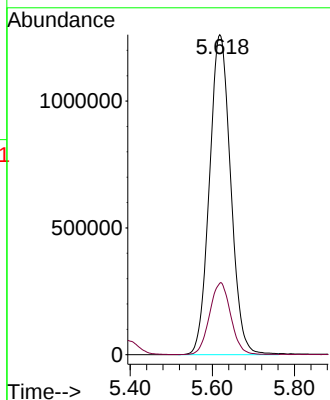
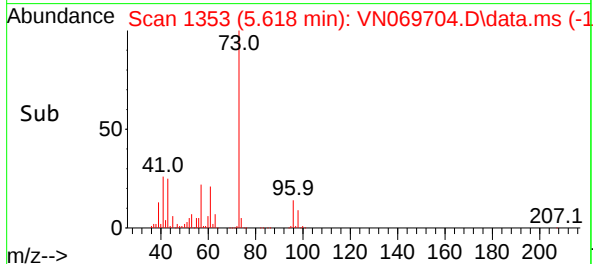
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



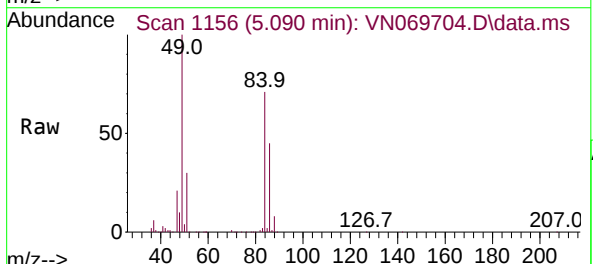
Tgt Ion: 73 Resp: 4524200
Ion Ratio Lower Upper
73 100
57 22.3 16.8 25.2

Manual Integrations
APPROVED

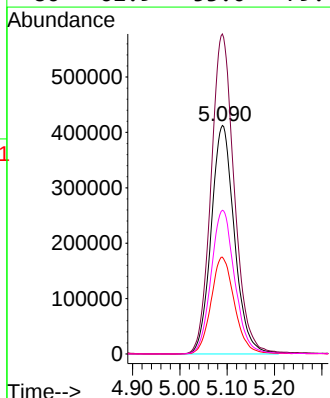
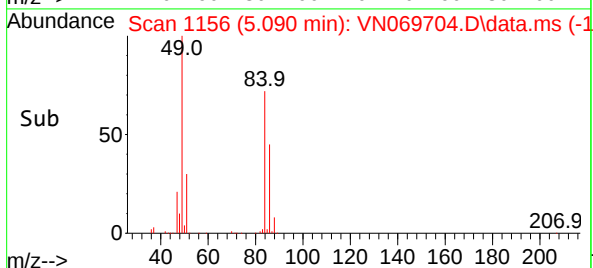
Reviewed By :John Carlone 12/03/2021
Supervised By :Mahesh Dadoda 12/06/2021

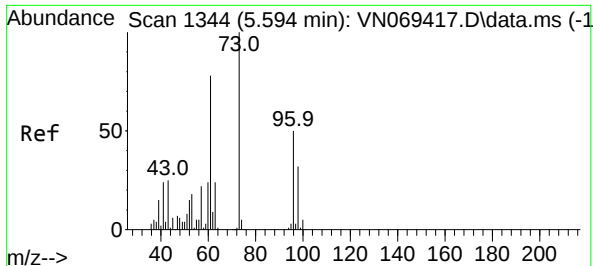


#20
Methylene Chloride
Concen: 101.754 ug/l
RT: 5.090 min Scan# 1156
Delta R.T. -0.003 min
Lab File: VN069704.D
Acq: 2 Dec 2021 19:20



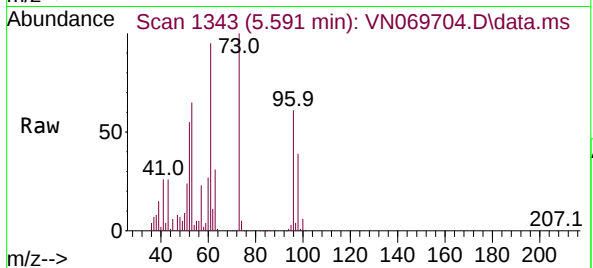
Tgt Ion: 84 Resp: 1407938
Ion Ratio Lower Upper
84 100
49 140.0 93.5 140.3
51 42.4 29.4 44.2
86 62.9 53.0 79.4





#21
trans-1,2-Dichloroethene
Concen: 108.597 ug/l
RT: 5.591 min Scan# 11
Delta R.T. -0.003 min
Lab File: VN069704.D
Acq: 2 Dec 2021 19:20

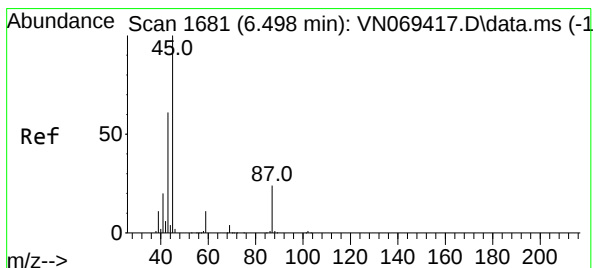
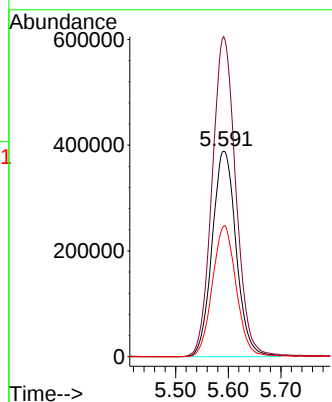
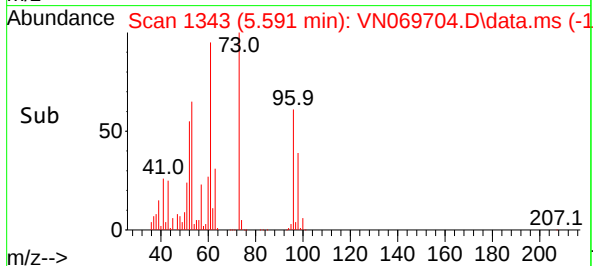
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



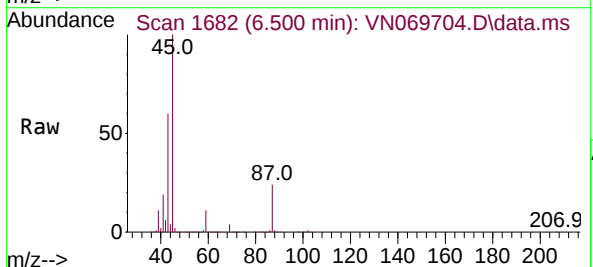
Tgt Ion: 96 Resp: 123471
Ion Ratio Lower Upper
96 100
61 155.7 105.8 158.6
98 63.6 52.0 78.0

Manual Integrations
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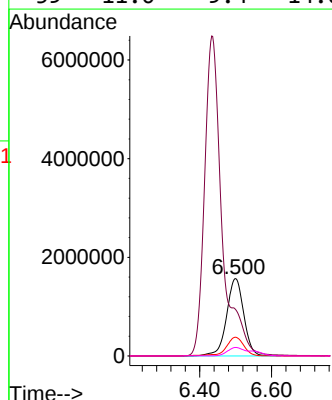
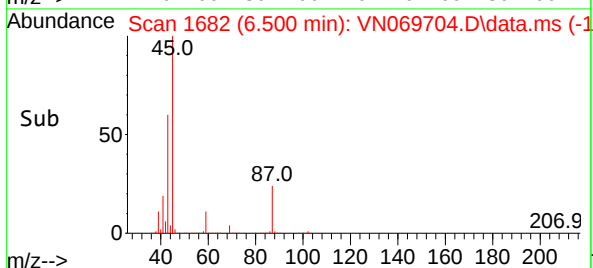
Reviewed By :John Carlone 12/03/2021
Supervised By :Mahesh Dadoda 12/06/2021

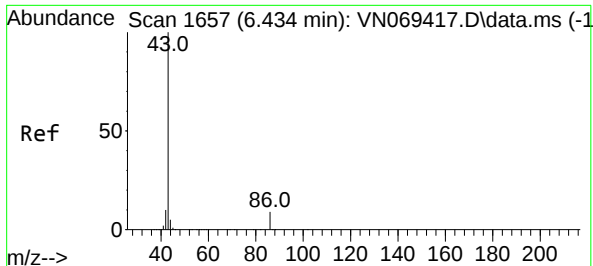


#22
Diisopropyl ether
Concen: 108.159 ug/l
RT: 6.500 min Scan# 1682
Delta R.T. 0.003 min
Lab File: VN069704.D
Acq: 2 Dec 2021 19:20



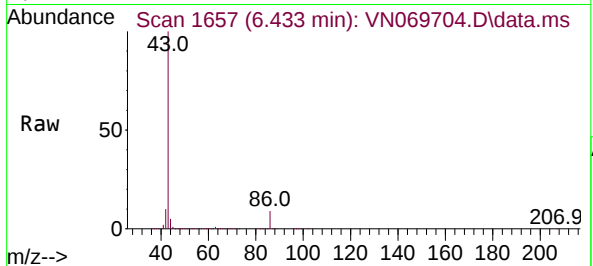
Tgt Ion: 45 Resp: 5200905
Ion Ratio Lower Upper
45 100
43 59.5 51.7 77.5
87 24.1 23.2 34.8
59 11.0 9.4 14.0





#23
 Vinyl Acetate
 Concen: 582.671 ug/l
 RT: 6.433 min Scan# 1657
 Delta R.T. -0.003 min
 Lab File: VN069704.D
 Acq: 2 Dec 2021 19:20

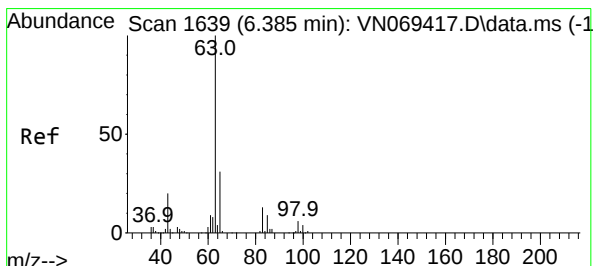
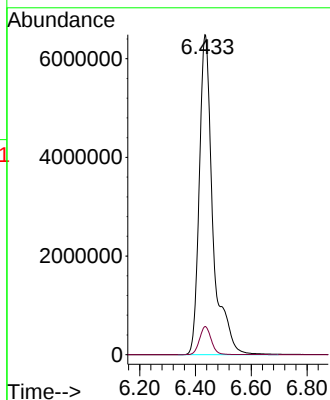
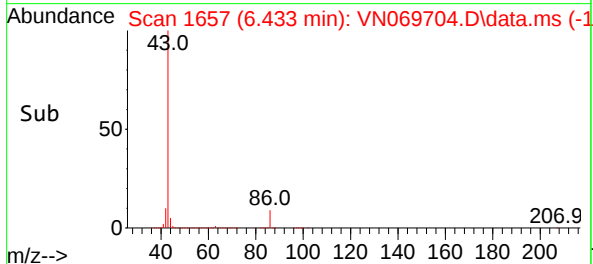
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100



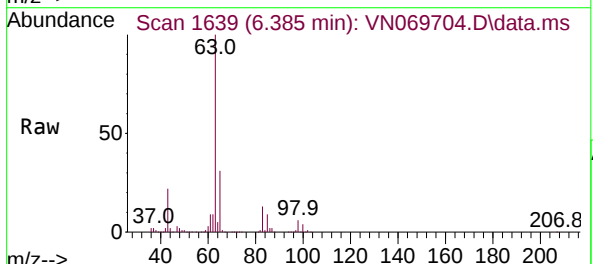
Tgt Ion: 43 Resp: 21927624
 Ion Ratio Lower Upper
 43 100
 86 8.8 8.5 12.7

Manual Integrations
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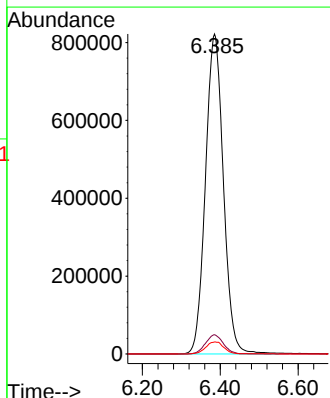
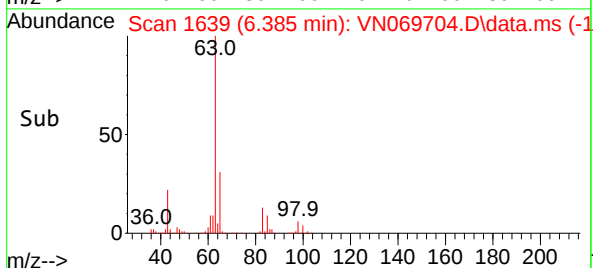
Reviewed By : John Carlone 12/03/2021
 Supervised By : Mahesh Dadoda 12/06/2021

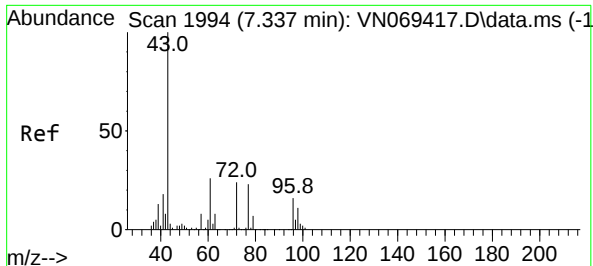


#24
 1,1-Dichloroethane
 Concen: 107.155 ug/l
 RT: 6.385 min Scan# 1639
 Delta R.T. -0.003 min
 Lab File: VN069704.D
 Acq: 2 Dec 2021 19:20



Tgt Ion: 63 Resp: 2631130
 Ion Ratio Lower Upper
 63 100
 98 6.0 3.3 9.9
 100 3.7 2.1 6.5





#25

2-Butanone

Concen: 569.166 ug/l

RT: 7.337 min Scan# 1994

Delta R.T. -0.000 min

Lab File: VN069704.D

Acq: 2 Dec 2021 19:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

Tgt Ion: 43 Resp: 7647924

Ion Ratio Lower Upper

43 100

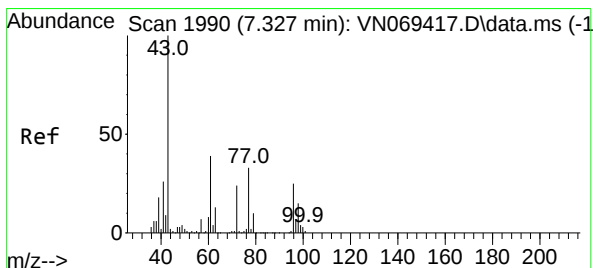
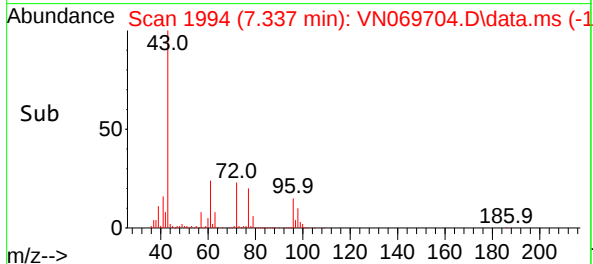
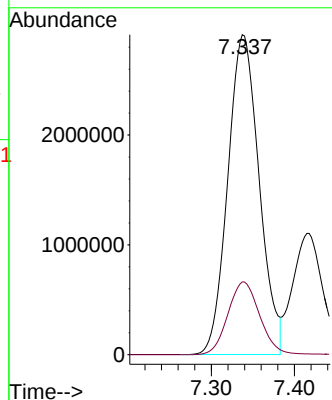
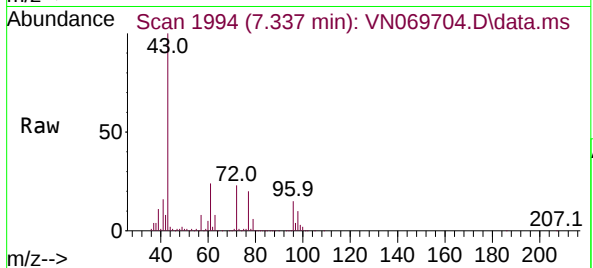
72 22.8 21.7 32.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/03/2021

Supervised By :Mahesh Dadoda 12/06/2021



#26

2,2-Dichloropropane

Concen: 108.885 ug/l

RT: 7.324 min Scan# 1989

Delta R.T. -0.003 min

Lab File: VN069704.D

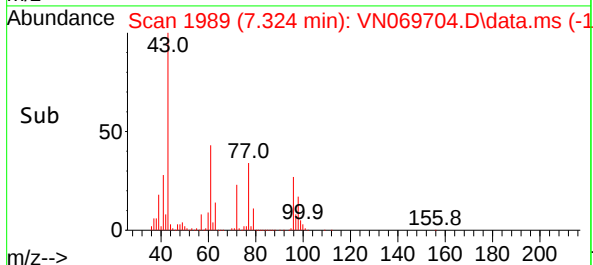
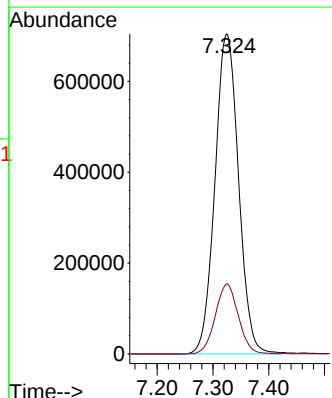
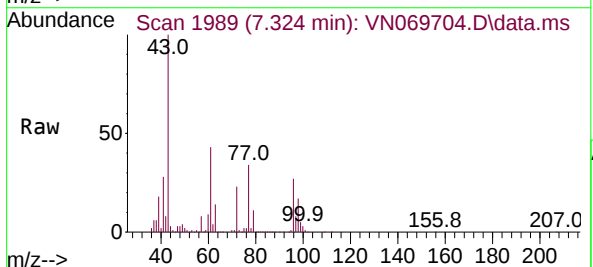
Acq: 2 Dec 2021 19:20

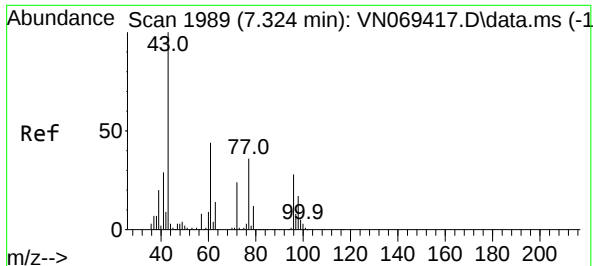
Tgt Ion: 77 Resp: 2069982

Ion Ratio Lower Upper

77 100

97 21.4 11.6 34.8





#27

cis-1,2-Dichloroethene

Concen: 107.562 ug/l

RT: 7.324 min Scan# 1989

Delta R.T. -0.003 min

Lab File: VN069704.D

Acq: 2 Dec 2021 19:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

Tgt Ion: 96 Resp: 1507200

Ion Ratio Lower Upper

96 100

61 160.8 0.0 275.0

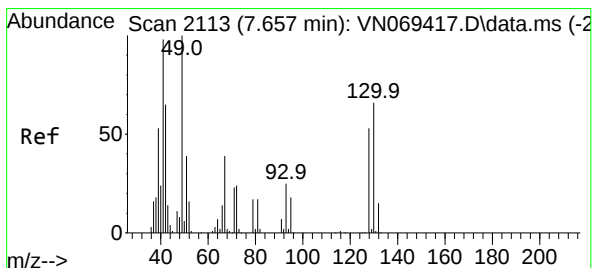
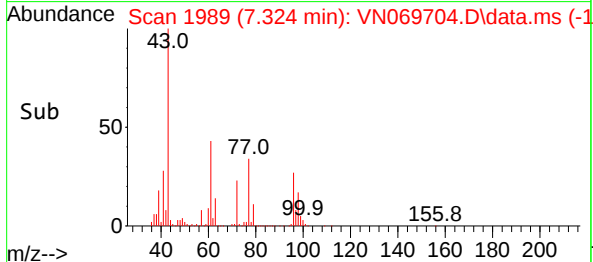
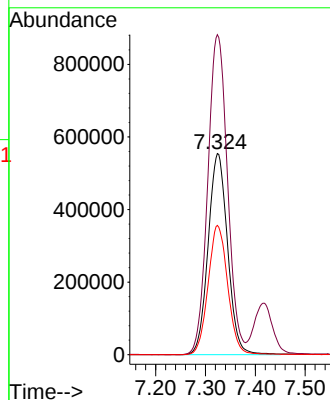
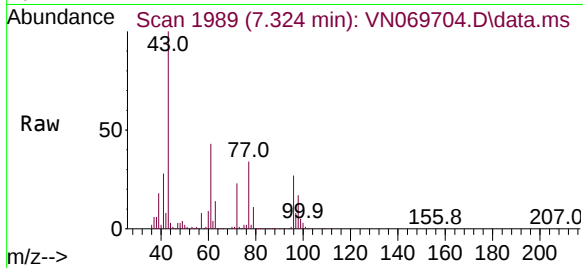
98 64.6 0.0 129.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/03/2021

Supervised By :Mahesh Dadoda 12/06/2021



#28

Bromochloromethane

Concen: 110.645 ug/l

RT: 7.659 min Scan# 2114

Delta R.T. 0.003 min

Lab File: VN069704.D

Acq: 2 Dec 2021 19:20

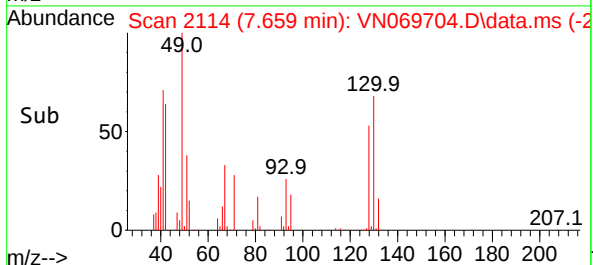
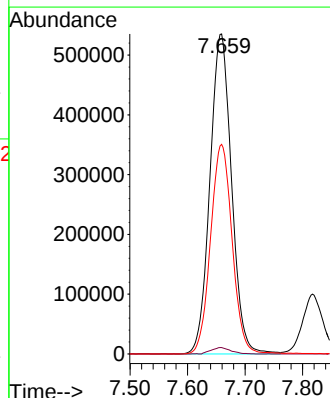
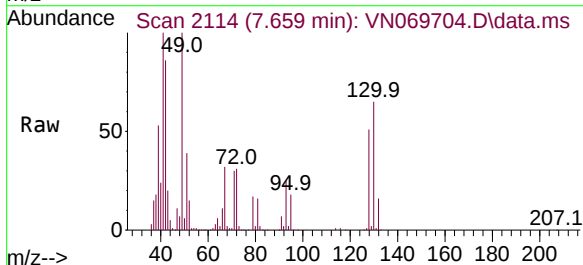
Tgt Ion: 49 Resp: 1398837

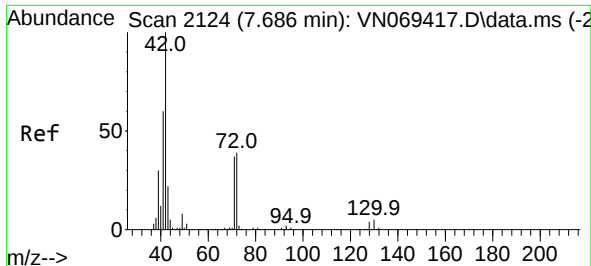
Ion Ratio Lower Upper

49 100

129 1.8 0.0 4.0

130 65.3 67.8 101.8#





#29

Tetrahydrofuran

Concen: 579.470 ug/l

RT: 7.686 min Scan# 2124

Delta R.T. -0.000 min

Lab File: VN069704.D

Acq: 2 Dec 2021 19:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

Tgt Ion: 42 Resp: 4760838

Ion Ratio Lower Upper

42 100

72 37.9 36.3 54.5

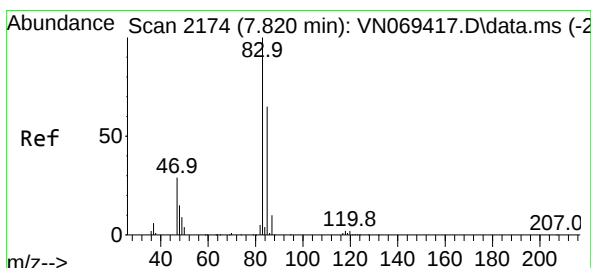
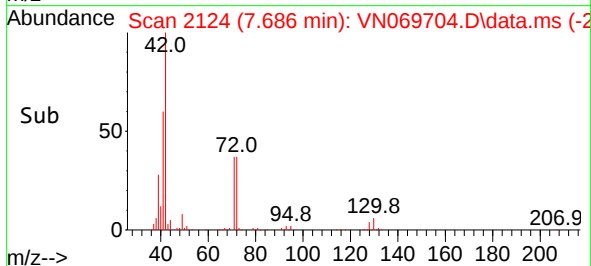
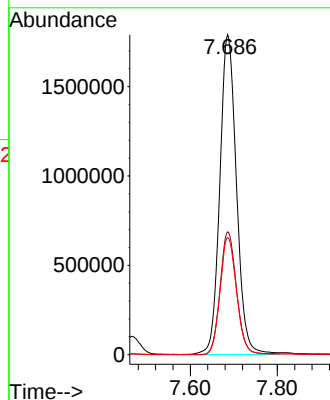
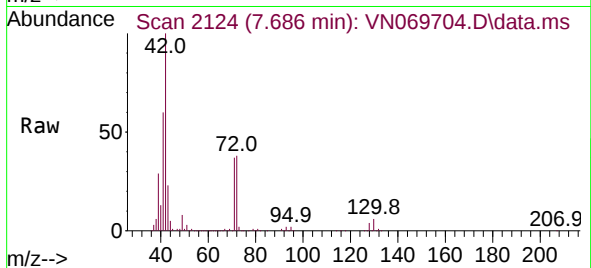
71 36.3 34.7 52.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/03/2021

Supervised By :Mahesh Dadoda 12/06/2021



#30

Chloroform

Concen: 105.324 ug/l

RT: 7.817 min Scan# 2173

Delta R.T. -0.003 min

Lab File: VN069704.D

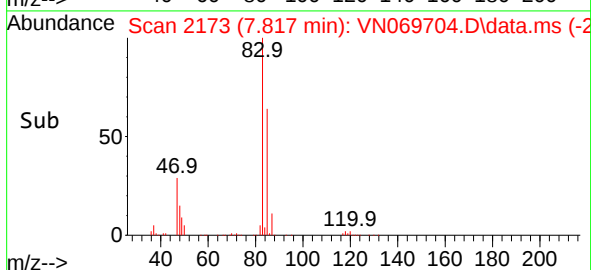
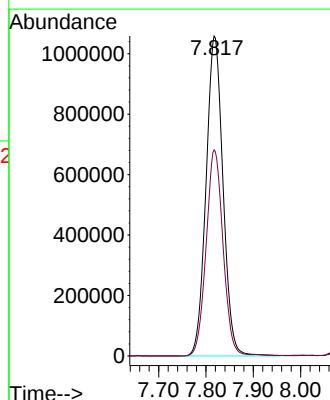
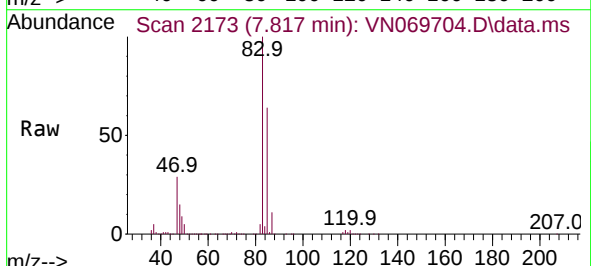
Acq: 2 Dec 2021 19:20

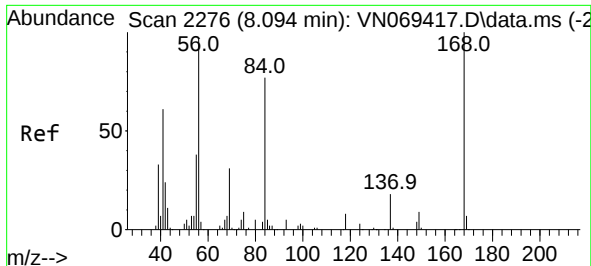
Tgt Ion: 83 Resp: 2637926

Ion Ratio Lower Upper

83 100

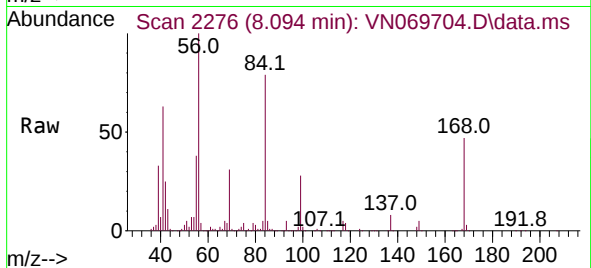
85 64.4 51.9 77.9





#31
Cyclohexane
Concen: 100.011 ug/l
RT: 8.094 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN069704.D
Acq: 2 Dec 2021 19:20

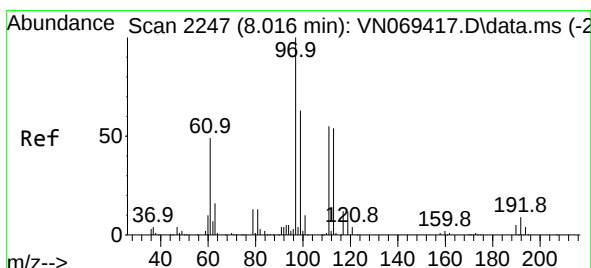
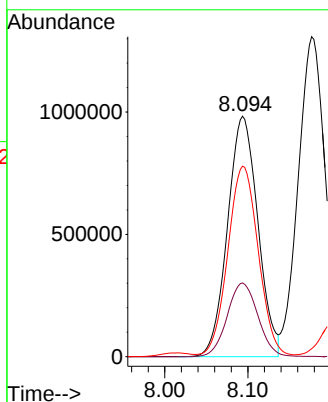
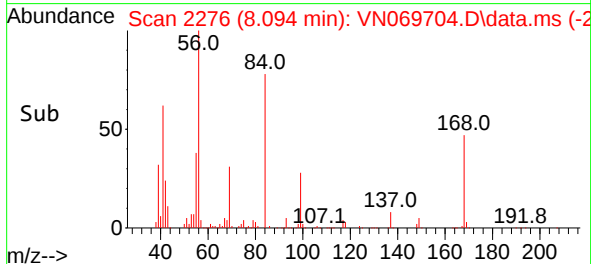
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



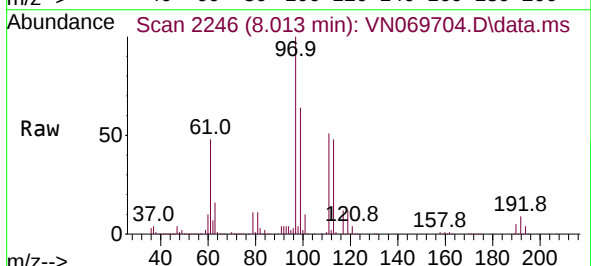
Tgt Ion: 56 Resp: 2490694
Ion Ratio Lower Upper
56 100
69 30.6 27.1 40.7
84 77.7 73.4 110.0

Manual Integrations
APPROVED

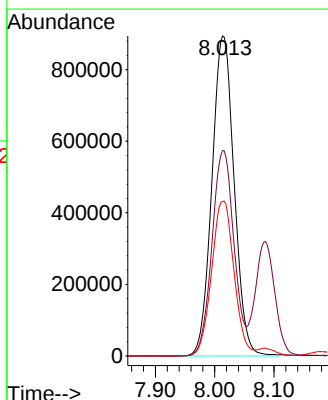
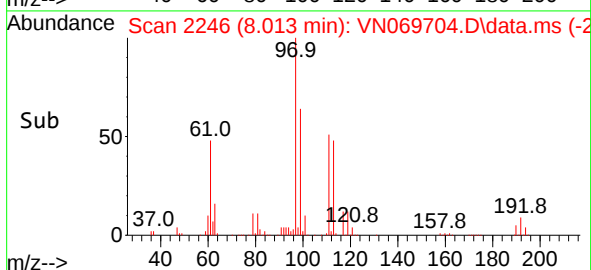
Reviewed By :John Carlone 12/03/2021
Supervised By :Mahesh Dadoda 12/06/2021

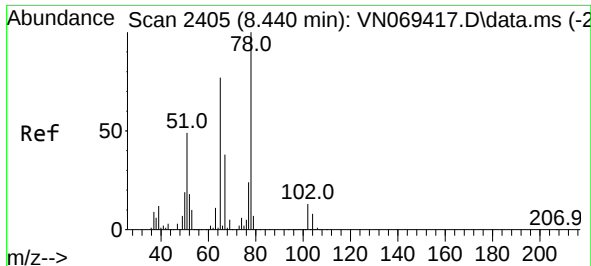


#32
1,1,1-Trichloroethane
Concen: 110.839 ug/l
RT: 8.013 min Scan# 2246
Delta R.T. -0.003 min
Lab File: VN069704.D
Acq: 2 Dec 2021 19:20



Tgt Ion: 97 Resp: 2326194
Ion Ratio Lower Upper
97 100
99 63.6 50.1 75.1
61 48.9 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 100.624 ug/l

RT: 8.437 min Scan# 2405

Delta R.T. -0.000 min

Lab File: VN069704.D

Acq: 2 Dec 2021 19:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

Tgt Ion: 65 Resp: 1830878

Ion Ratio Lower Upper

65 100

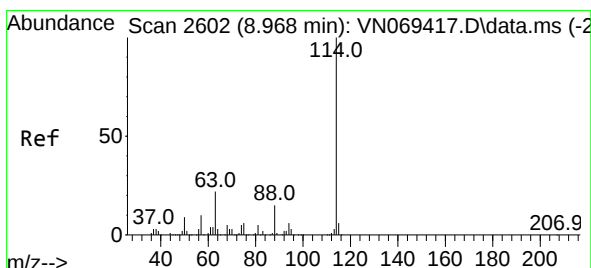
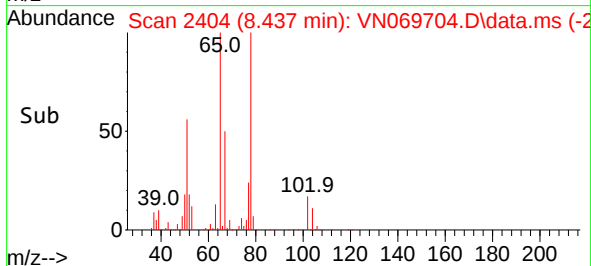
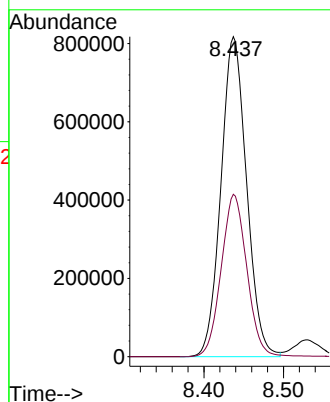
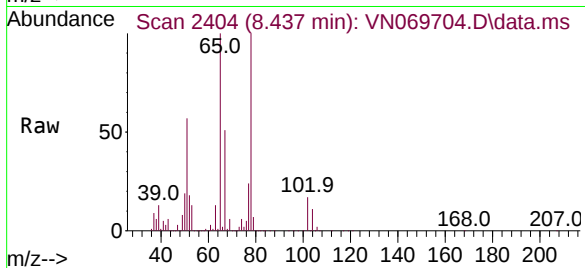
67 50.9 0.0 103.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/03/2021

Supervised By :Mahesh Dadoda 12/06/2021



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.968 min Scan# 2602

Delta R.T. -0.000 min

Lab File: VN069704.D

Acq: 2 Dec 2021 19:20

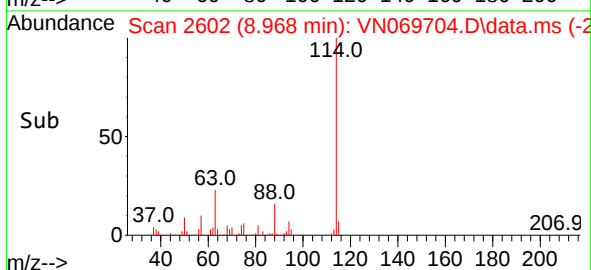
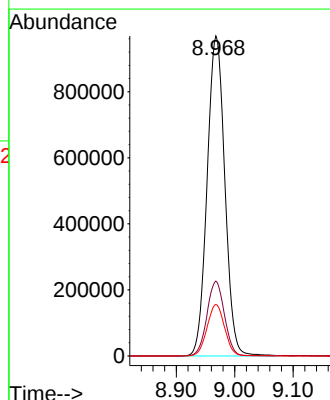
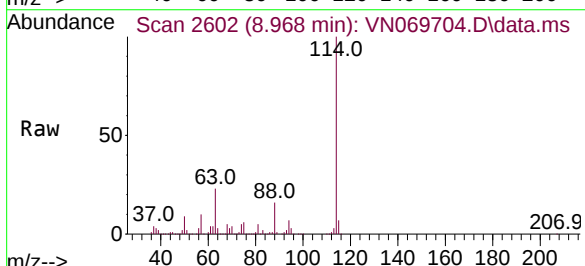
Tgt Ion:114 Resp: 2040222

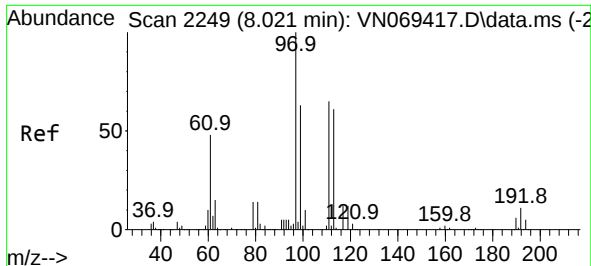
Ion Ratio Lower Upper

114 100

63 23.4 0.0 37.8

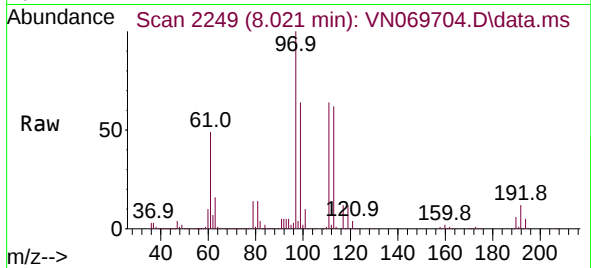
88 16.1 0.0 27.4





#35
Dibromofluoromethane
Concen: 99.916 ug/l
RT: 8.021 min Scan# 21
Delta R.T. -0.003 min
Lab File: VN069704.D
Acq: 2 Dec 2021 19:20

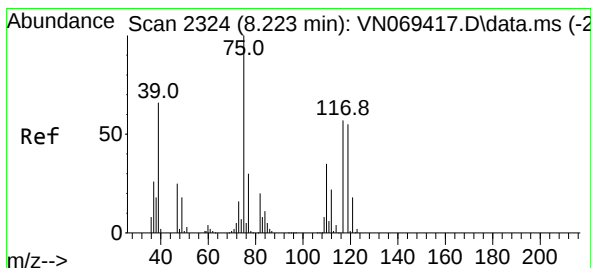
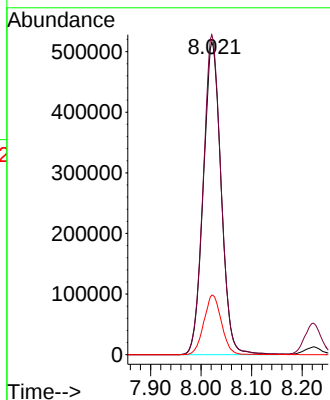
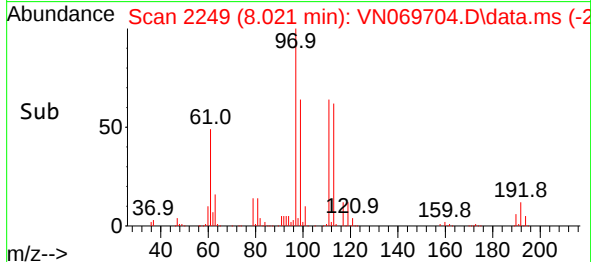
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



Tgt Ion: 113 Resp: 125954
Ion Ratio Lower Upper
113 100
111 102.3 82.2 123.2
192 18.9 16.9 25.3

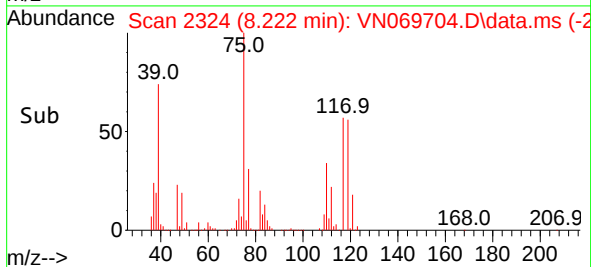
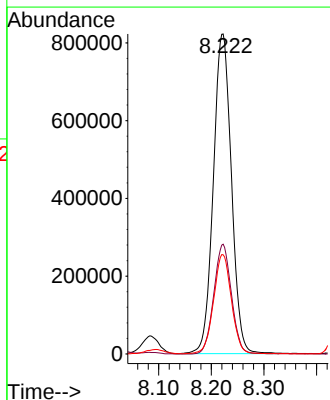
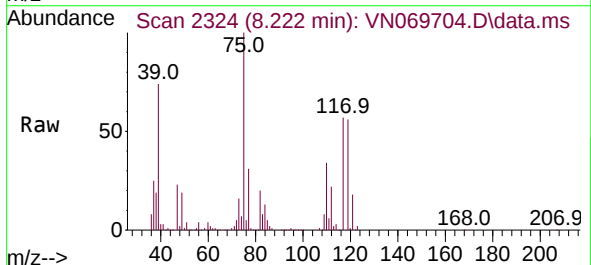
Manual Integrations
APPROVED

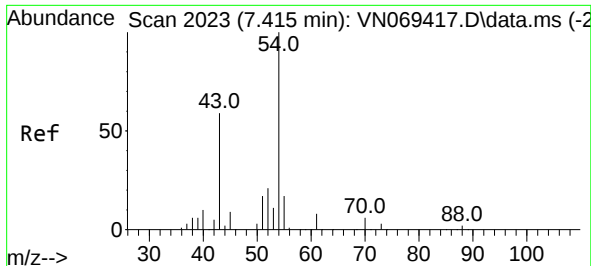
Reviewed By :John Carlone 12/03/2021
Supervised By :Mahesh Dadoda 12/06/2021



#36
1,1-Dichloropropene
Concen: 110.761 ug/l
RT: 8.222 min Scan# 2324
Delta R.T. -0.000 min
Lab File: VN069704.D
Acq: 2 Dec 2021 19:20

Tgt Ion: 75 Resp: 1961560
Ion Ratio Lower Upper
75 100
110 33.4 18.4 55.2
77 30.6 24.4 36.6





#37
Ethyl Acetate
Concen: 117.449 ug/l
RT: 7.418 min Scan# 2023
Delta R.T. 0.003 min
Lab File: VN069704.D
Acq: 2 Dec 2021 19:20

Instrument :

MSVOA_N

ClientSampleId :

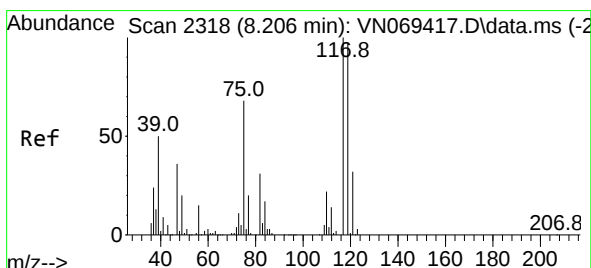
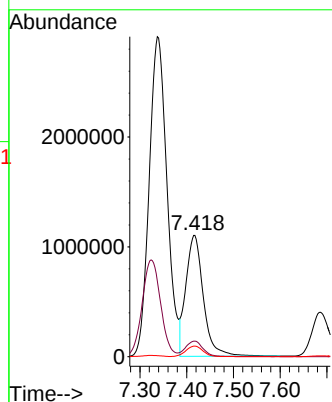
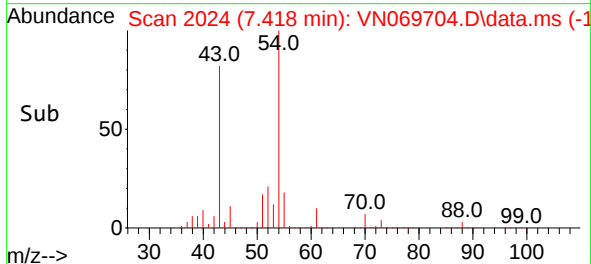
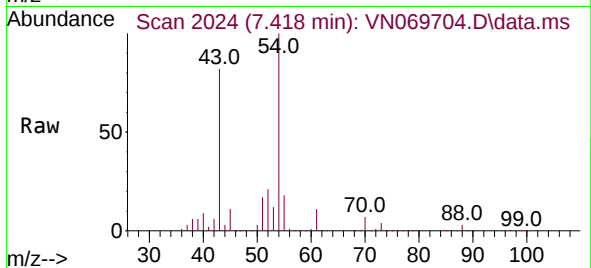
VSTDICC100

Tgt Ion: 43 Resp: 285742
Ion Ratio Lower Upper
43 100
61 12.8 11.5 17.3
70 8.5 7.9 11.9

Manual Integrations

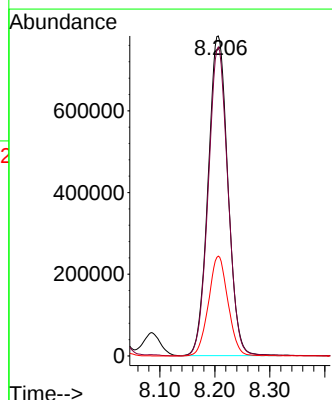
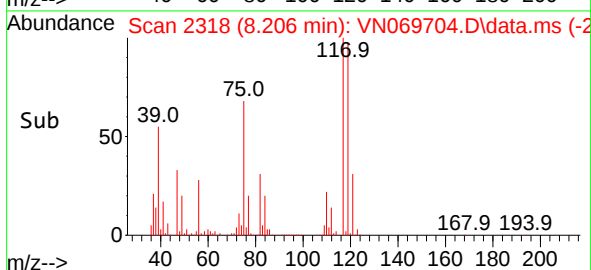
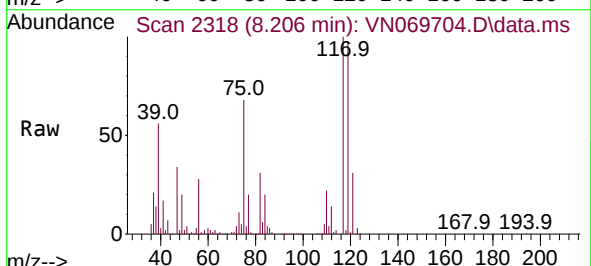
APPROVED

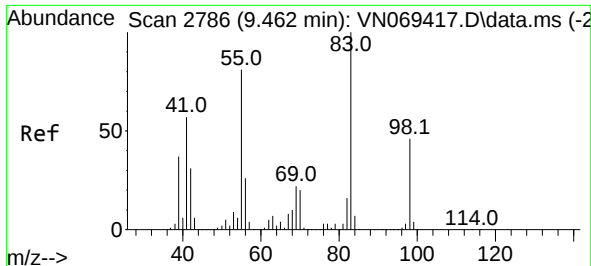
Reviewed By :John Carlone 12/03/2021
Supervised By :Mahesh Dadoda 12/06/2021



#38
Carbon Tetrachloride
Concen: 114.227 ug/l
RT: 8.206 min Scan# 2318
Delta R.T. -0.000 min
Lab File: VN069704.D
Acq: 2 Dec 2021 19:20

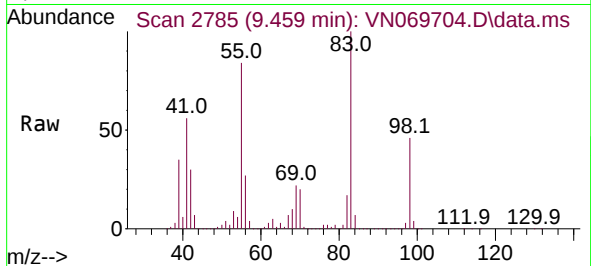
Tgt Ion:117 Resp: 1957336
Ion Ratio Lower Upper
117 100
119 96.6 76.1 114.1
121 31.2 24.2 36.2





#39
Methylcyclohexane
Concen: 109.111 ug/l
RT: 9.459 min Scan# 21
Delta R.T. -0.003 min
Lab File: VN069704.D
Acq: 2 Dec 2021 19:20

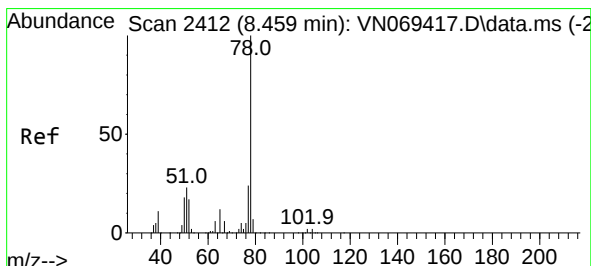
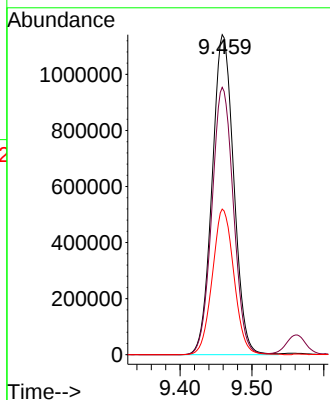
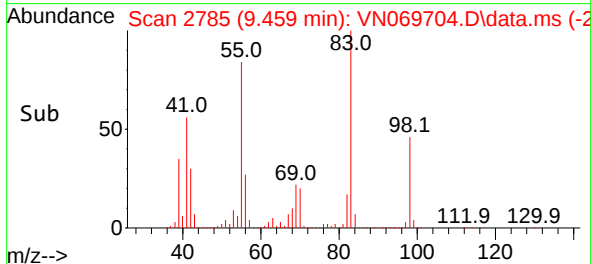
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion: 83 Resp: 2382400
Ion Ratio Lower Upper
83 100
55 83.5 58.1 87.1
98 45.5 38.4 57.6

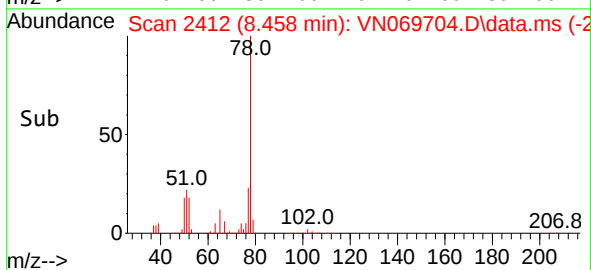
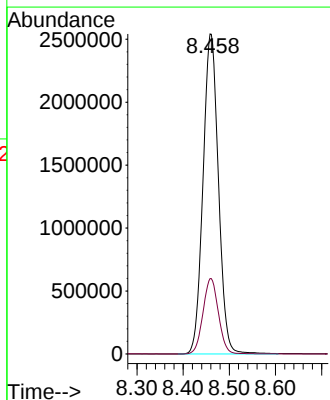
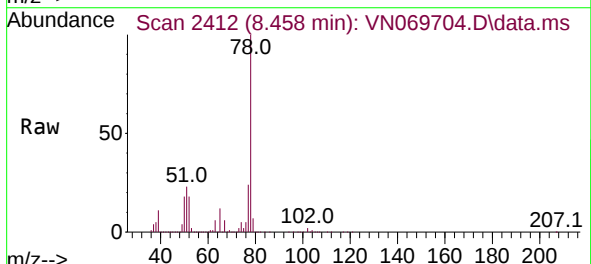
Manual Integrations
APPROVED

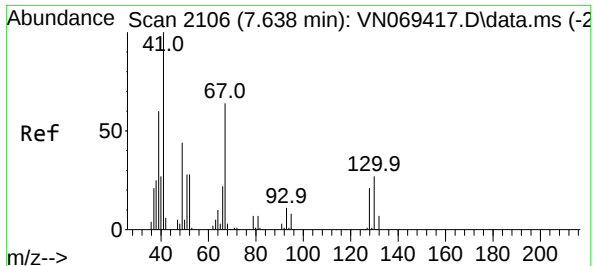
Reviewed By :John Carlone 12/03/2021
Supervised By :Mahesh Dadoda 12/06/2021



#40
Benzene
Concen: 107.846 ug/l
RT: 8.458 min Scan# 2412
Delta R.T. -0.003 min
Lab File: VN069704.D
Acq: 2 Dec 2021 19:20

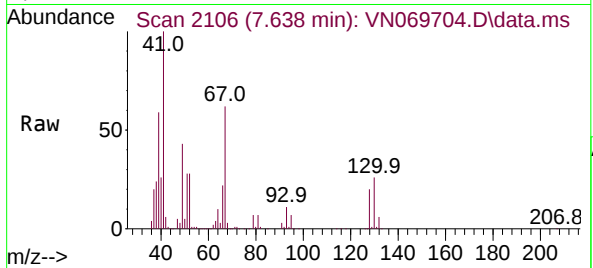
Tgt Ion: 78 Resp: 5891230
Ion Ratio Lower Upper
78 100
77 23.5 18.6 27.8





#41
Methacrylonitrile
Concen: 115.013 ug/l
RT: 7.638 min Scan# 2106
Delta R.T. -0.003 min
Lab File: VN069704.D
Acq: 2 Dec 2021 19:20

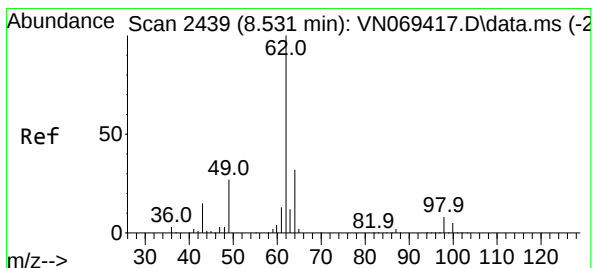
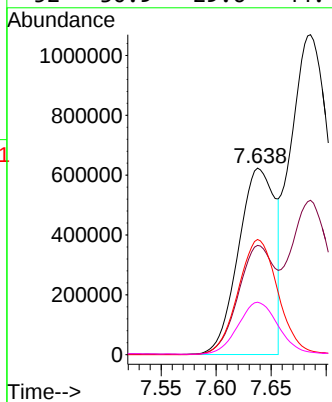
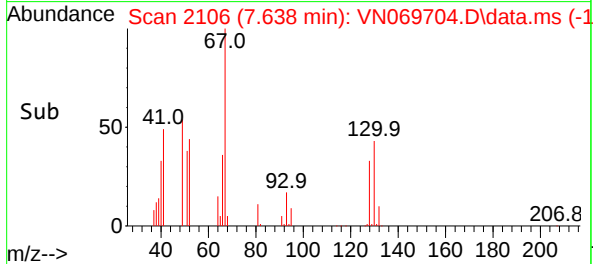
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



Tgt Ion: 41 Resp: 144476
Ion Ratio Lower Upper
41 100
39 57.5 48.1 72.1
67 67.9 68.3 102.5
52 30.9 29.6 44.4

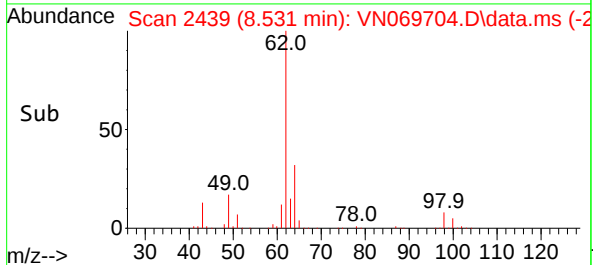
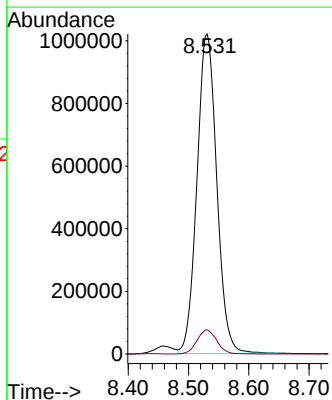
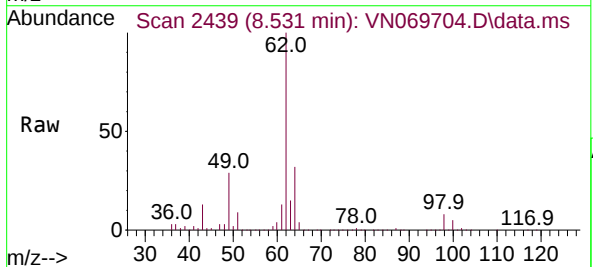
Manual Integrations
APPROVED

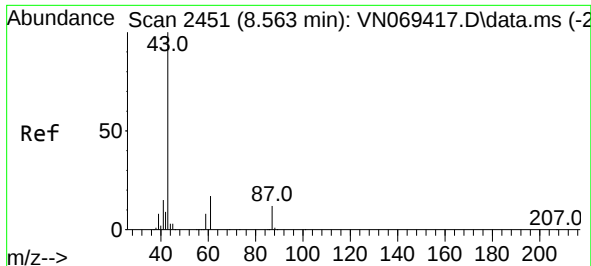
Reviewed By :John Carlone 12/03/2021
Supervised By :Mahesh Dadoda 12/06/2021



#42
1,2-Dichloroethane
Concen: 108.531 ug/l
RT: 8.531 min Scan# 2439
Delta R.T. -0.000 min
Lab File: VN069704.D
Acq: 2 Dec 2021 19:20

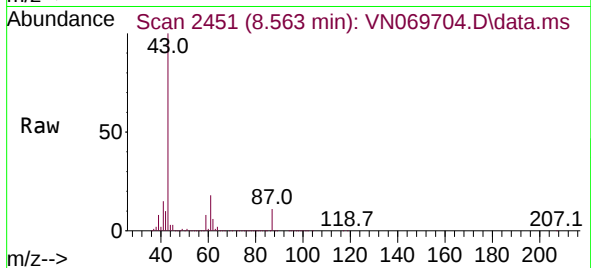
Tgt Ion: 62 Resp: 2332734
Ion Ratio Lower Upper
62 100
98 7.5 0.0 17.6





#43
Isopropyl Acetate
Concen: 114.095 ug/l
RT: 8.563 min Scan# 2451
Delta R.T. -0.000 min
Lab File: VN069704.D
Acq: 2 Dec 2021 19:20

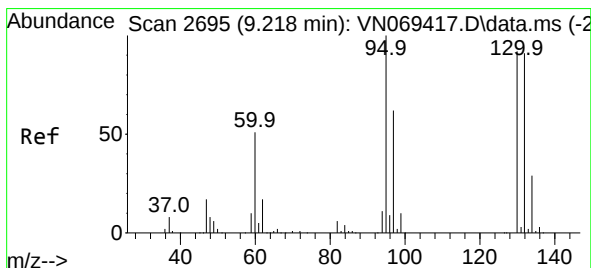
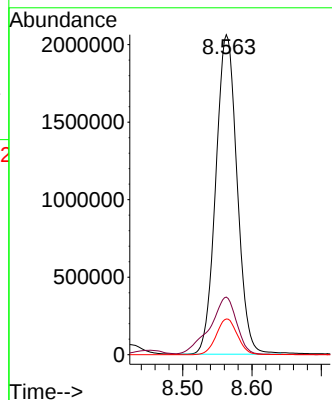
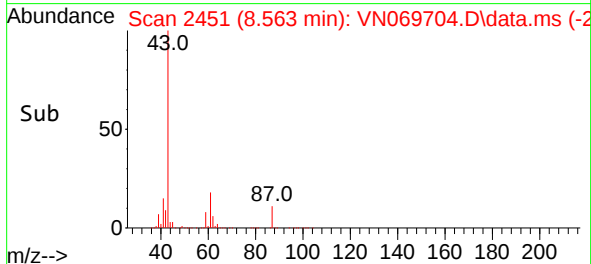
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion: 43 Resp: 4400659
Ion Ratio Lower Upper
43 100
61 22.6 20.4 30.6
87 11.2 11.2 16.8

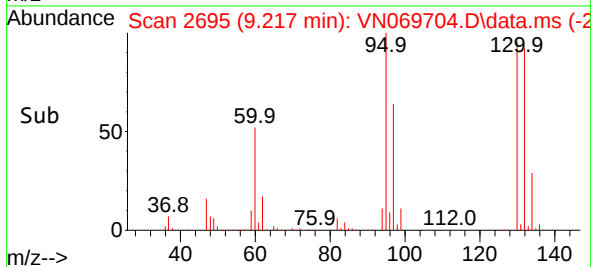
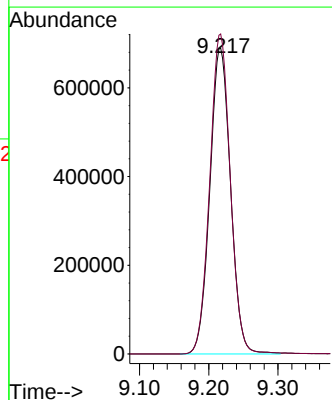
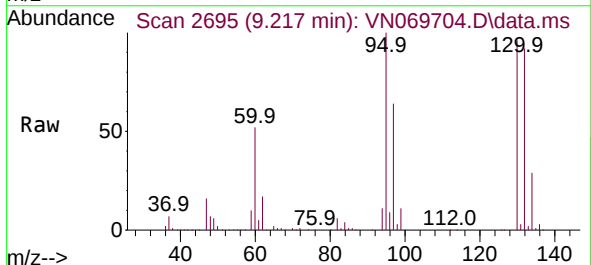
Manual Integrations
APPROVED

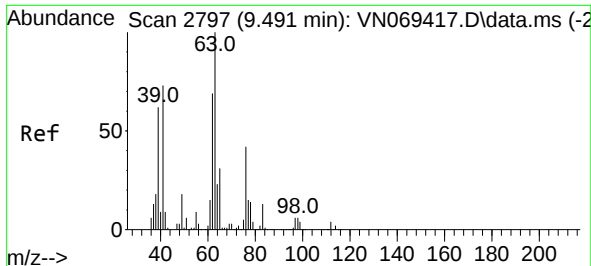
Reviewed By :John Carlone 12/03/2021
Supervised By :Mahesh Dadoda 12/06/2021



#44
Trichloroethene
Concen: 109.720 ug/l
RT: 9.217 min Scan# 2695
Delta R.T. -0.000 min
Lab File: VN069704.D
Acq: 2 Dec 2021 19:20

Tgt Ion:130 Resp: 1435563
Ion Ratio Lower Upper
130 100
95 104.6 0.0 191.2





#45

1,2-Dichloropropane

Concen: 108.998 ug/l

RT: 9.491 min Scan# 2797

Delta R.T. -0.000 min

Lab File: VN069704.D

Acq: 2 Dec 2021 19:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

Tgt Ion: 63 Resp: 1586950

Ion Ratio Lower Upper

63 100

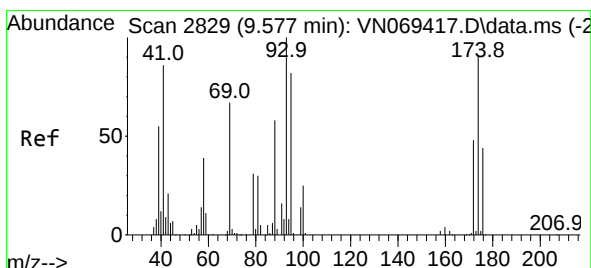
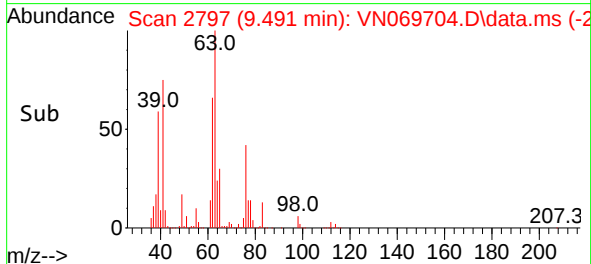
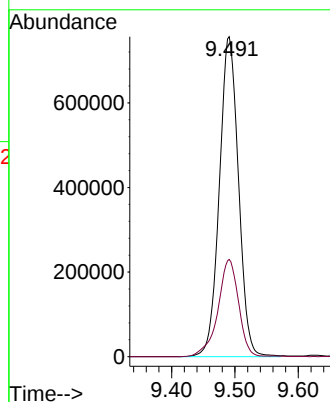
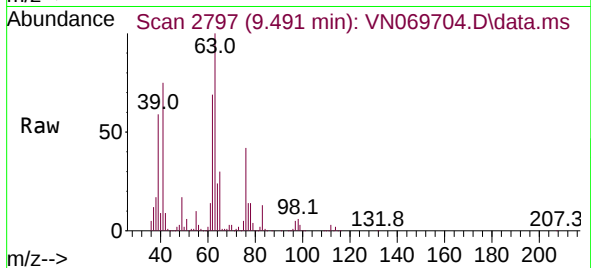
65 30.4 24.7 37.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/03/2021

Supervised By :Mahesh Dadoda 12/06/2021



#46

Dibromomethane

Concen: 107.304 ug/l

RT: 9.577 min Scan# 2829

Delta R.T. -0.000 min

Lab File: VN069704.D

Acq: 2 Dec 2021 19:20

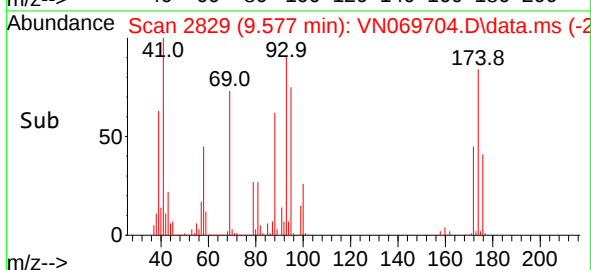
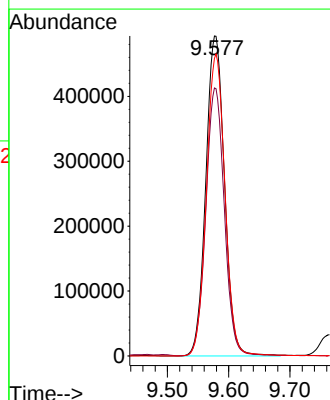
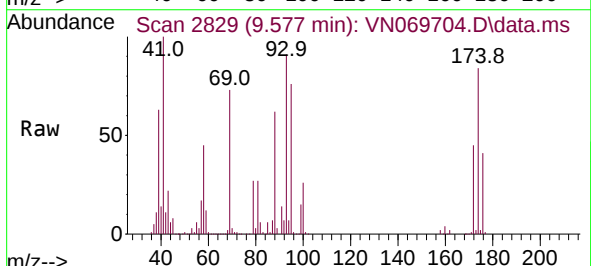
Tgt Ion: 93 Resp: 1044961

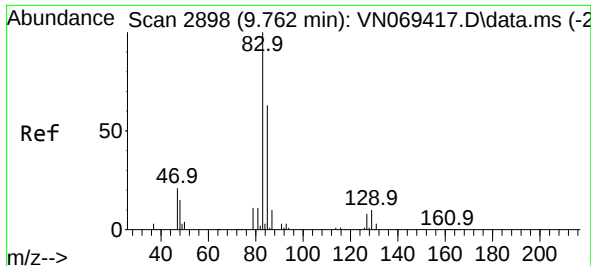
Ion Ratio Lower Upper

93 100

95 82.8 65.9 98.9

174 93.7 84.6 127.0





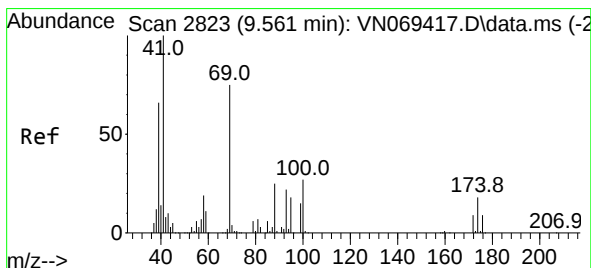
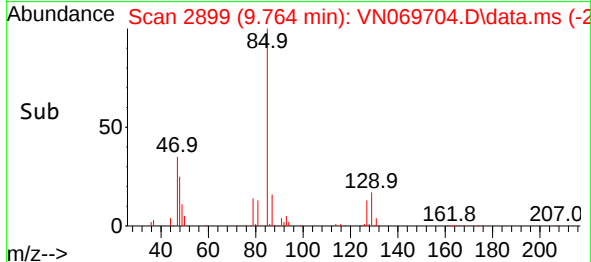
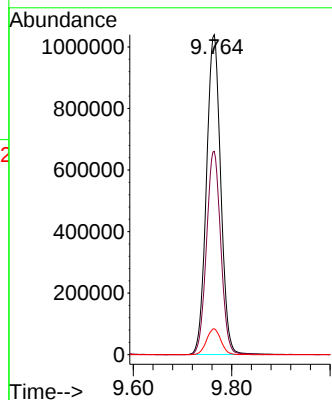
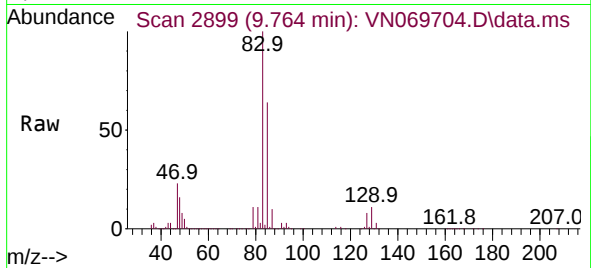
#47
Bromodichloromethane
Concen: 114.988 ug/l
RT: 9.764 min Scan# 2898
Delta R.T. 0.003 min
Lab File: VN069704.D
Acq: 2 Dec 2021 19:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tgt Ion: 83 Resp: 208978
Ion Ratio Lower Upper
83 100
85 63.6 50.9 76.3
127 8.1 7.1 10.7

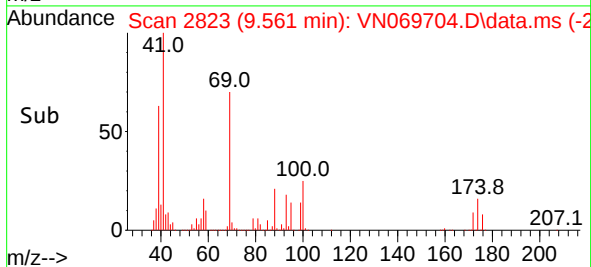
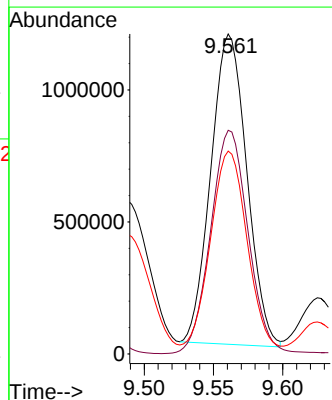
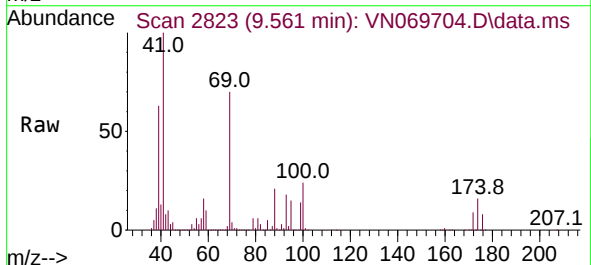
Manual Integrations
APPROVED

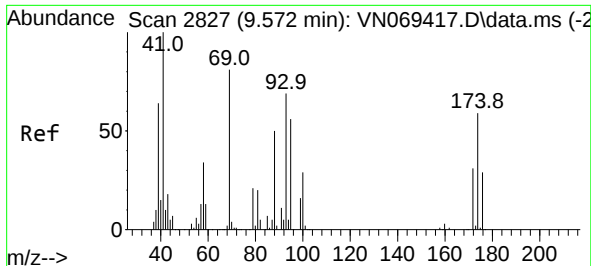
Reviewed By :John Carlone 12/03/2021
Supervised By :Mahesh Dadoda 12/06/2021



#48
Methyl methacrylate
Concen: 117.825 ug/l
RT: 9.561 min Scan# 2823
Delta R.T. -0.000 min
Lab File: VN069704.D
Acq: 2 Dec 2021 19:20

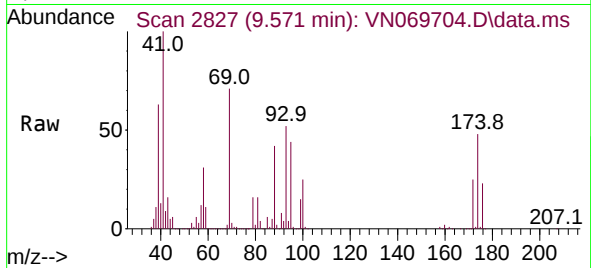
Tgt Ion: 41 Resp: 2121075
Ion Ratio Lower Upper
41 100
69 75.7 72.4 108.6
39 63.4 58.4 87.6





#49
1,4-Dioxane
Concen: 2354.048 ug/l
RT: 9.571 min Scan# 2827
Delta R.T. -0.000 min
Lab File: VN069704.D
Acq: 2 Dec 2021 19:20

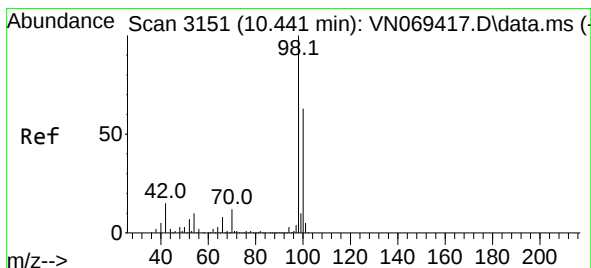
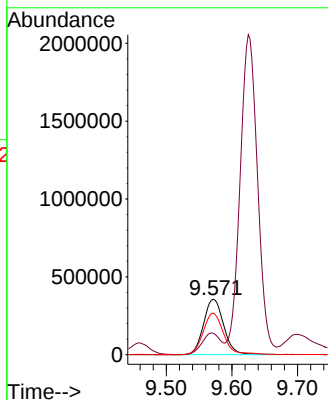
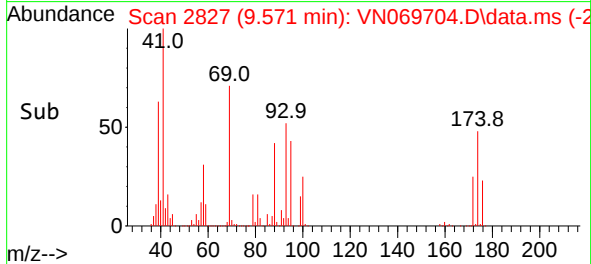
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion: 88 Resp: 761948
Ion Ratio Lower Upper
88 100
43 35.0 23.4 35.2
58 76.2 50.6 75.8

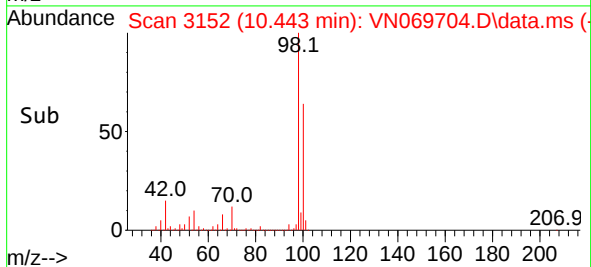
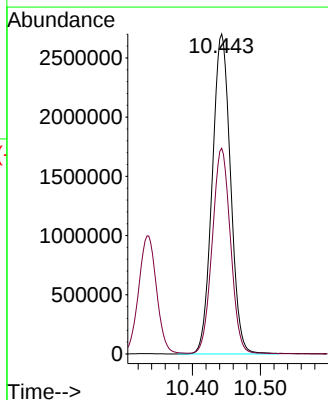
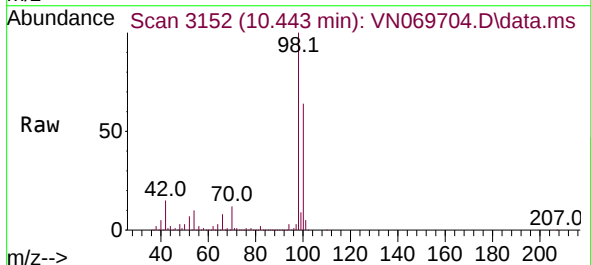
Manual Integrations
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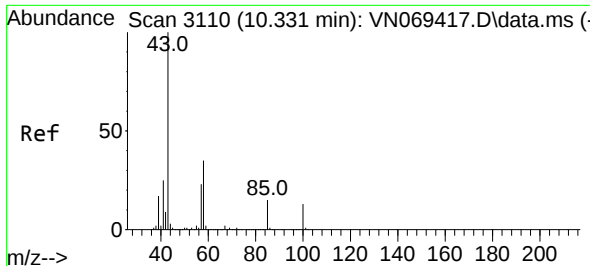
Reviewed By :John Carlone 12/03/2021
Supervised By :Mahesh Dadoda 12/06/2021



#50
Toluene-d8
Concen: 102.249 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. -0.000 min
Lab File: VN069704.D
Acq: 2 Dec 2021 19:20

Tgt Ion: 98 Resp: 5064195
Ion Ratio Lower Upper
98 100
100 64.0 50.4 75.6





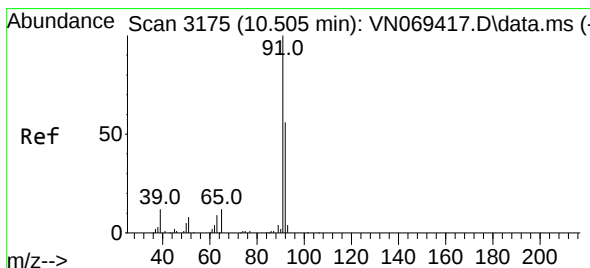
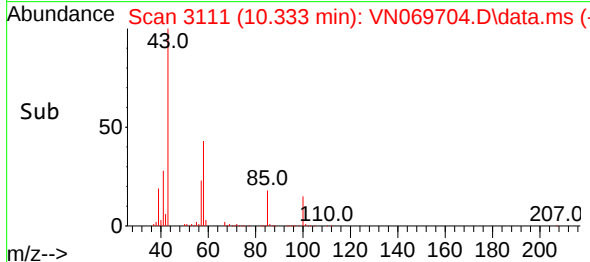
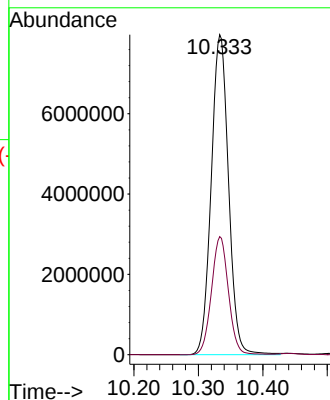
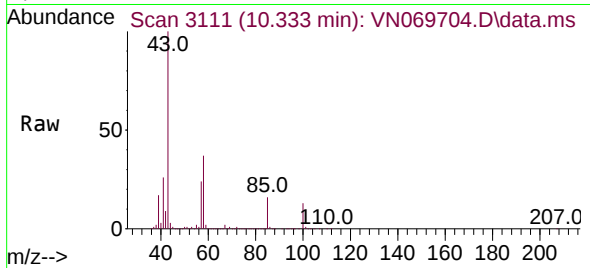
#51
4-Methyl-2-Pentanone
Concen: 594.630 ug/l
RT: 10.333 min Scan# 3111
Delta R.T. -0.000 min
Lab File: VN069704.D
Acq: 2 Dec 2021 19:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion: 43 Resp:14854392
Ion Ratio Lower Upper
43 100
58 36.1 30.4 45.6

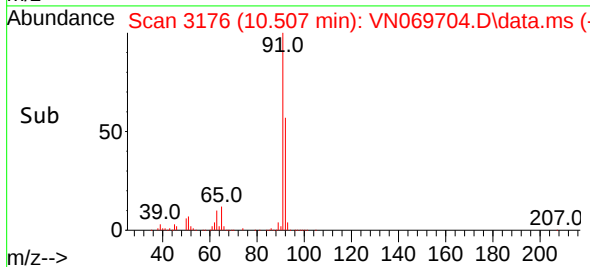
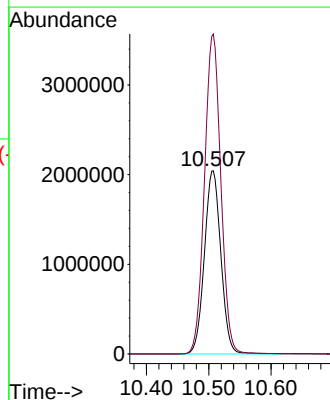
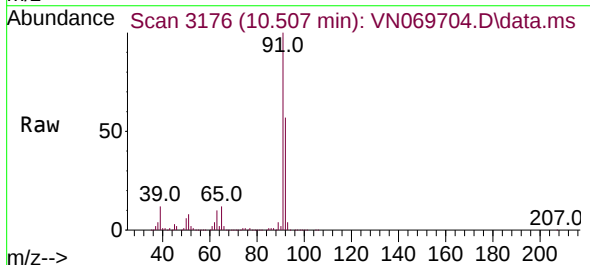
Manual Integrations
APPROVED

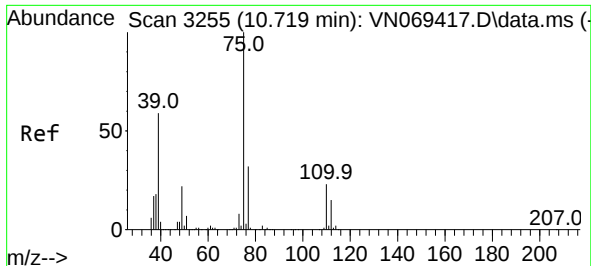
Reviewed By :John Carlone 12/03/2021
Supervised By :Mahesh Dadoda 12/06/2021



#52
Toluene
Concen: 110.525 ug/l
RT: 10.507 min Scan# 3176
Delta R.T. -0.000 min
Lab File: VN069704.D
Acq: 2 Dec 2021 19:20

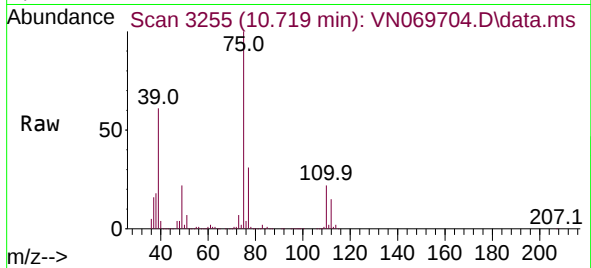
Tgt Ion: 92 Resp: 3738457
Ion Ratio Lower Upper
92 100
91 174.2 142.0 213.0





#53
t-1,3-Dichloropropene
Concen: 124.443 ug/l
RT: 10.719 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN069704.D
Acq: 2 Dec 2021 19:20

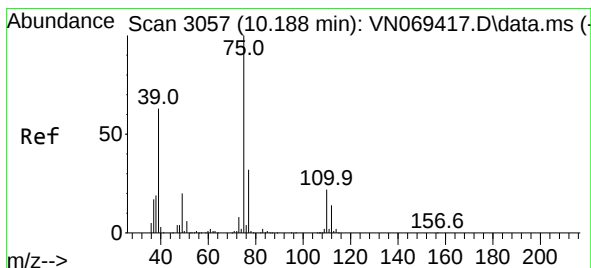
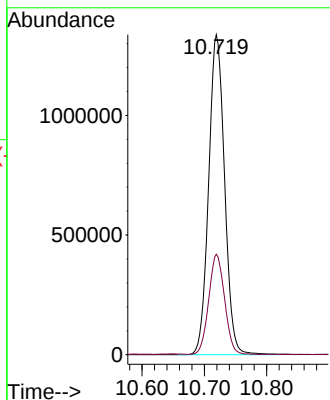
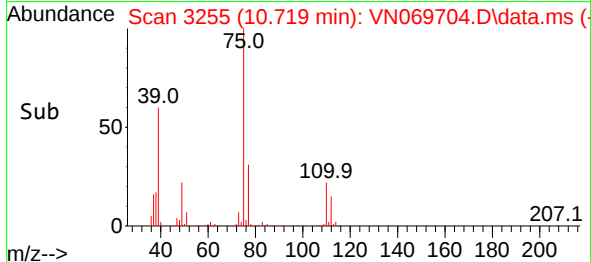
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



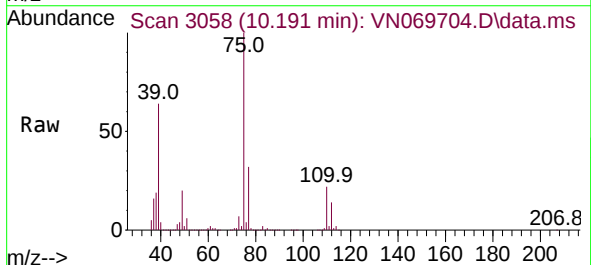
Tgt Ion: 75 Resp: 2373290
Ion Ratio Lower Upper
75 100
77 31.3 25.6 38.4

Manual Integrations
APPROVED

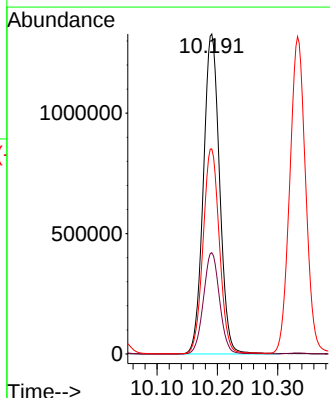
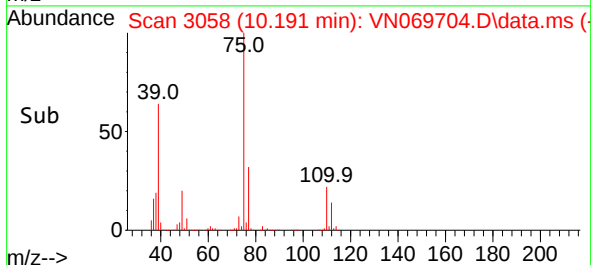
Reviewed By :John Carlone 12/03/2021
Supervised By :Mahesh Dadoda 12/06/2021

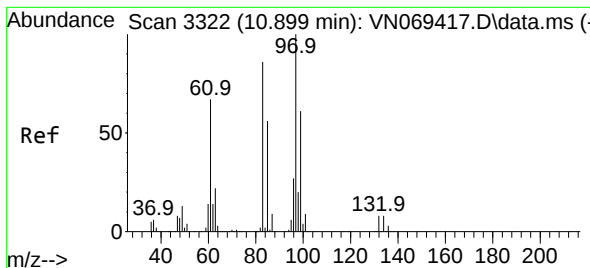


#54
cis-1,3-Dichloropropene
Concen: 119.422 ug/l
RT: 10.191 min Scan# 3058
Delta R.T. -0.000 min
Lab File: VN069704.D
Acq: 2 Dec 2021 19:20



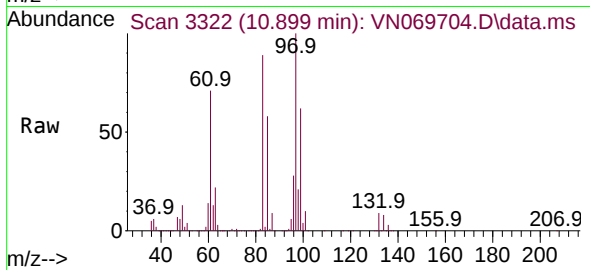
Tgt Ion: 75 Resp: 2485330
Ion Ratio Lower Upper
75 100
77 31.7 26.4 39.6
39 64.0 42.5 63.7#





#55
1,1,2-Trichloroethane
Concen: 110.003 ug/l
RT: 10.899 min Scan# 3322
Delta R.T. -0.000 min
Lab File: VN069704.D
Acq: 2 Dec 2021 19:20

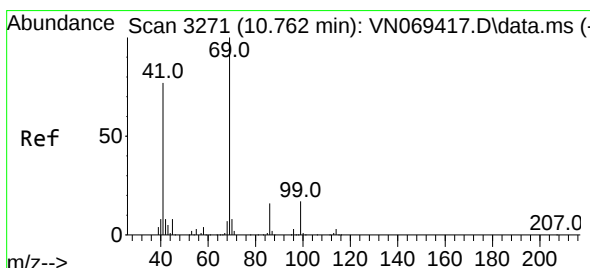
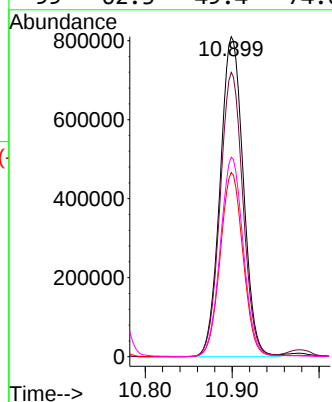
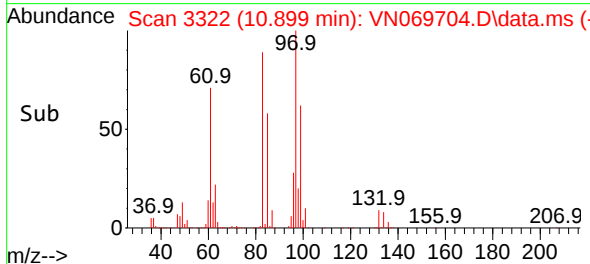
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



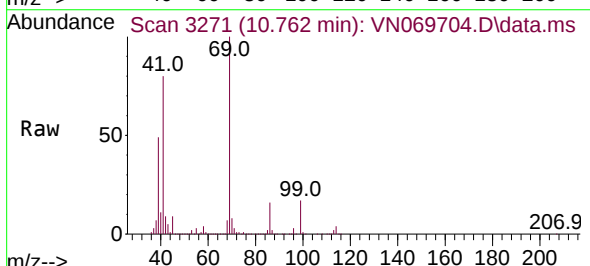
Tgt Ion: 97 Resp: 149758
Ion Ratio Lower Upper
97 100
83 88.9 67.8 101.6
85 57.5 45.4 68.2
99 62.3 49.4 74.0

Manual Integrations
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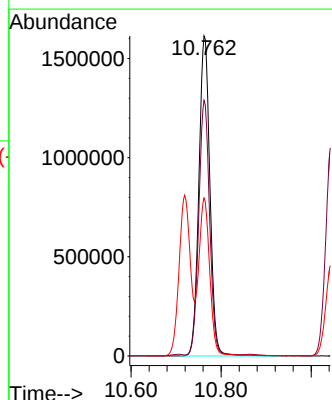
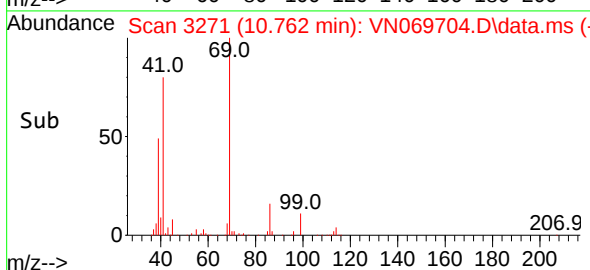
Reviewed By :John Carlone 12/03/2021
Supervised By :Mahesh Dadoda 12/06/2021



#56
Ethyl methacrylate
Concen: 120.775 ug/l
RT: 10.762 min Scan# 3271
Delta R.T. -0.000 min
Lab File: VN069704.D
Acq: 2 Dec 2021 19:20



Tgt Ion: 69 Resp: 2743935
Ion Ratio Lower Upper
69 100
41 78.3 51.4 77.0#
39 48.7 34.6 52.0





#57

1,3-Dichloropropane

Concen: 109.484 ug/l

RT: 11.046 min Scan# 31

Delta R.T. -0.000 min

Lab File: VN069704.D

Acq: 2 Dec 2021 19:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

Tgt Ion: 76 Resp: 263020

Ion Ratio Lower Upper

76 100

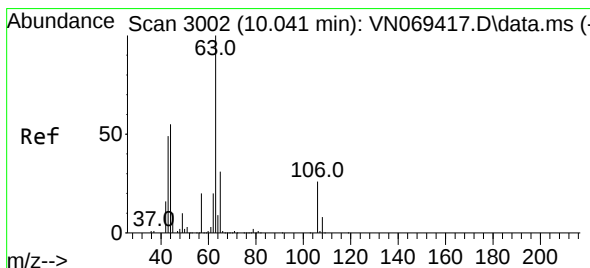
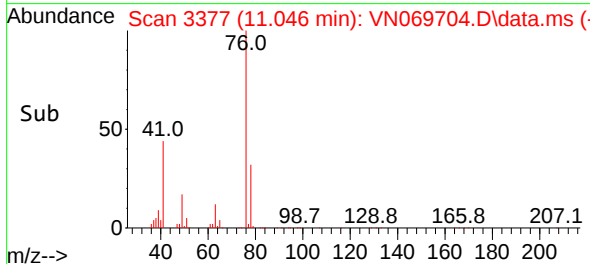
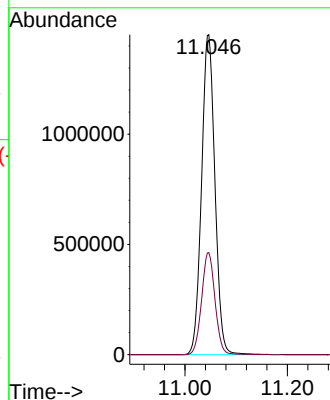
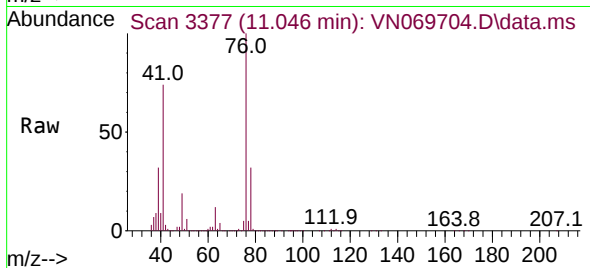
78 32.0 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/03/2021

Supervised By :Mahesh Dadoda 12/06/2021



#58

2-Chloroethyl Vinyl ether

Concen: 678.177 ug/l

RT: 10.043 min Scan# 3003

Delta R.T. -0.000 min

Lab File: VN069704.D

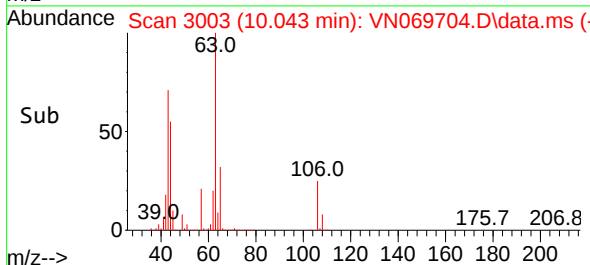
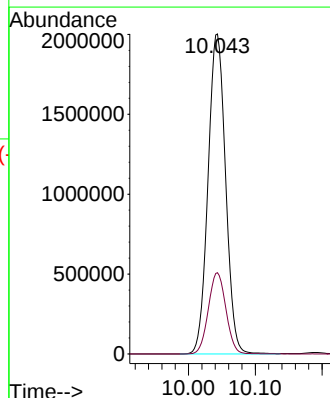
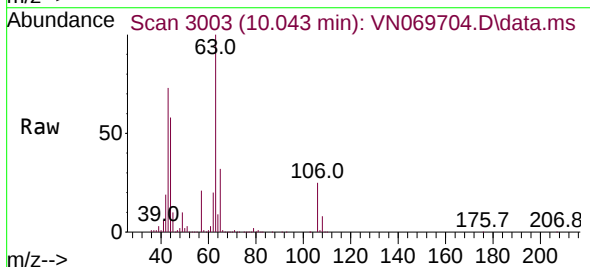
Acq: 2 Dec 2021 19:20

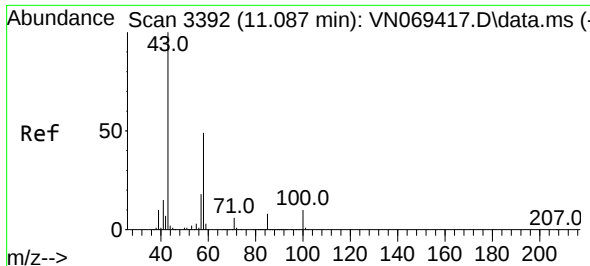
Tgt Ion: 63 Resp: 3655711

Ion Ratio Lower Upper

63 100

106 25.5 23.9 35.9





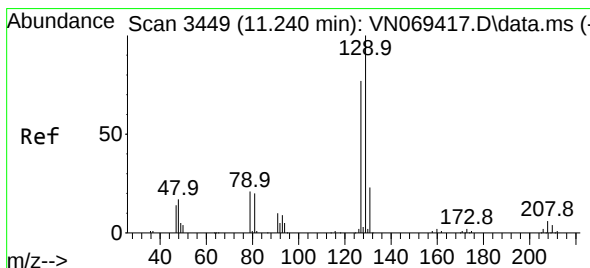
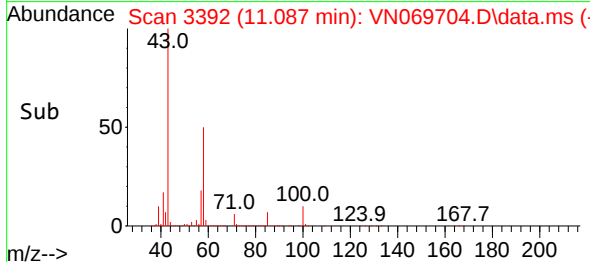
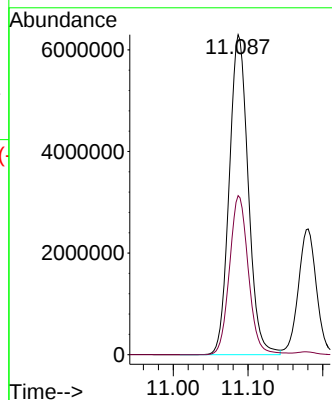
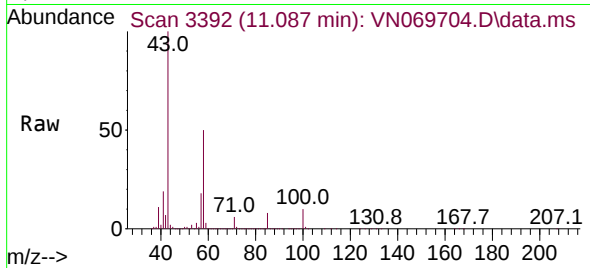
#59
2-Hexanone
Concen: 596.112 ug/l
RT: 11.087 min Scan# 3111
Delta R.T. -0.000 min
Lab File: VN069704.D
Acq: 2 Dec 2021 19:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion: 43 Resp:1111390
Ion Ratio Lower Upper
43 100
58 49.6 26.9 80.7

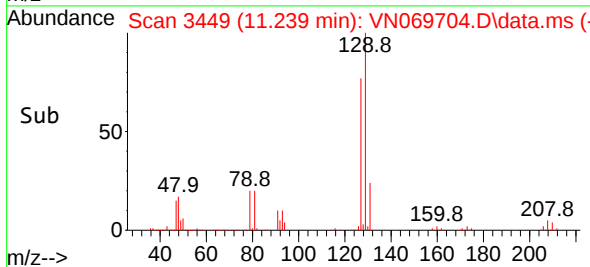
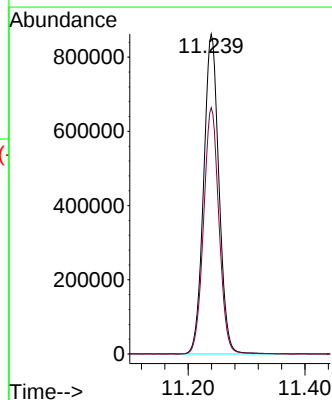
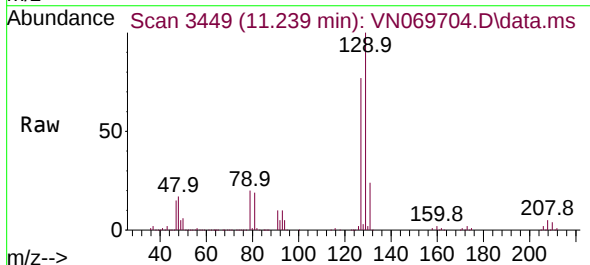
Manual Integrations
APPROVED

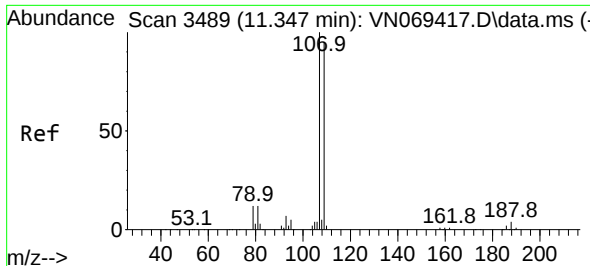
Reviewed By :John Carlone 12/03/2021
Supervised By :Mahesh Dadoda 12/06/2021



#60
Dibromochloromethane
Concen: 122.416 ug/l
RT: 11.239 min Scan# 3449
Delta R.T. -0.000 min
Lab File: VN069704.D
Acq: 2 Dec 2021 19:20

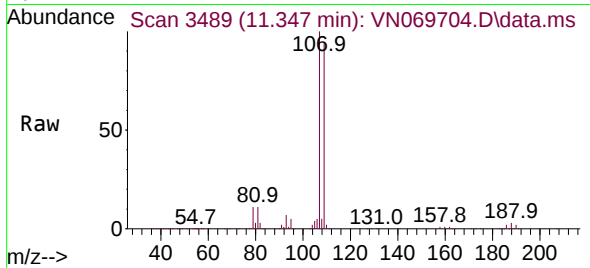
Tgt Ion:129 Resp: 1566965
Ion Ratio Lower Upper
129 100
127 77.5 38.6 116.0





#61
1,2-Dibromoethane
Concen: 116.353 ug/l
RT: 11.347 min Scan# 3489
Delta R.T. -0.000 min
Lab File: VN069704.D
Acq: 2 Dec 2021 19:20

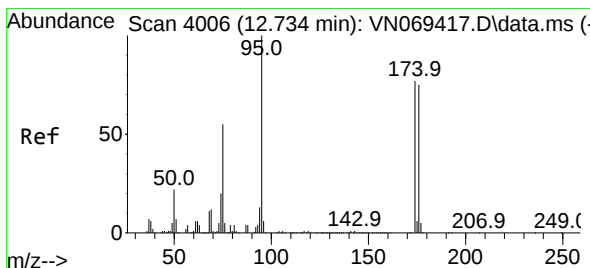
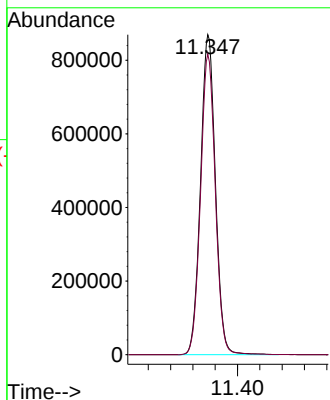
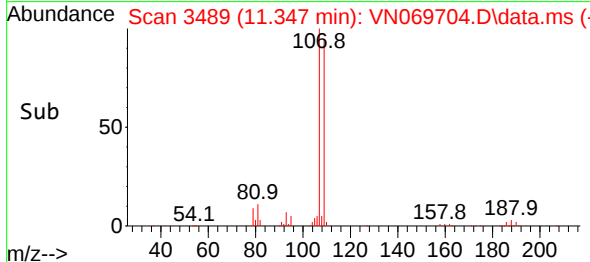
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



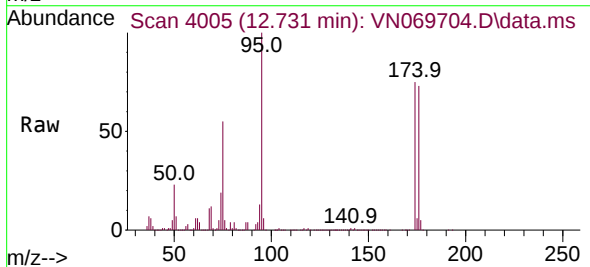
Tgt Ion:107 Resp: 161012
Ion Ratio Lower Upper
107 100
109 93.5 75.7 113.5

Manual Integrations
APPROVED

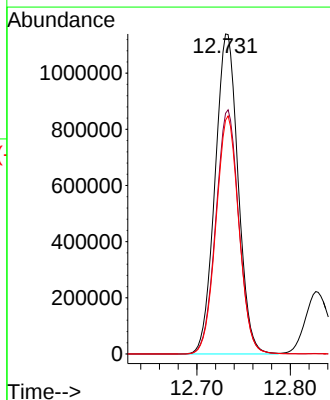
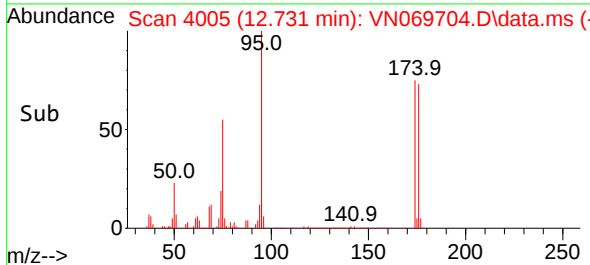
Reviewed By :John Carlone 12/03/2021
Supervised By :Mahesh Dadoda 12/06/2021

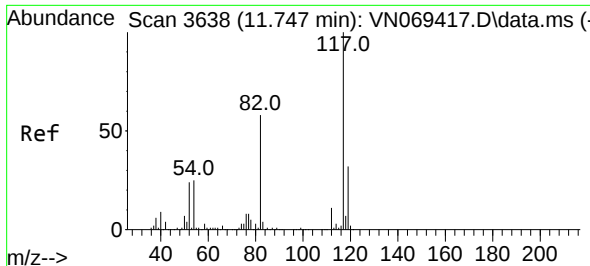


#62
4-Bromofluorobenzene
Concen: 107.927 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN069704.D
Acq: 2 Dec 2021 19:20



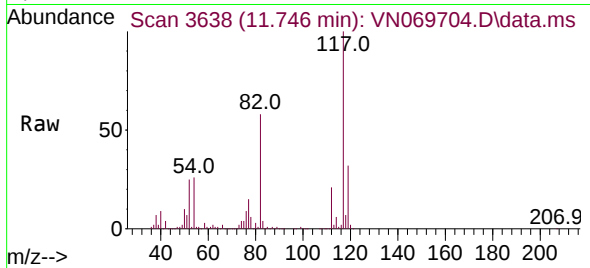
Tgt Ion: 95 Resp: 1955174
Ion Ratio Lower Upper
95 100
174 76.2 0.0 187.2
176 73.8 0.0 181.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.746 min Scan# 3638
Delta R.T. -0.000 min
Lab File: VN069704.D
Acq: 2 Dec 2021 19:20

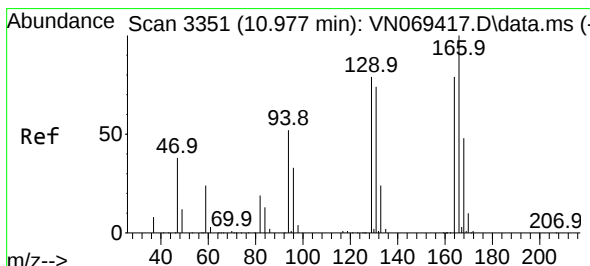
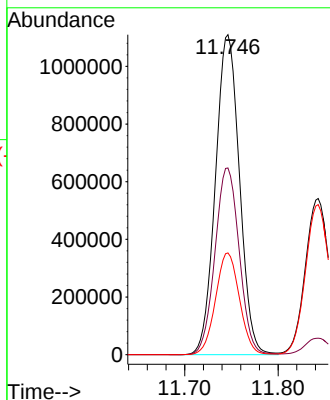
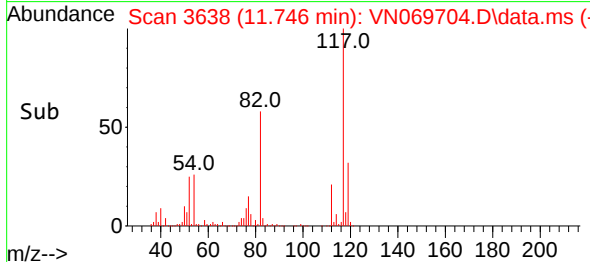
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



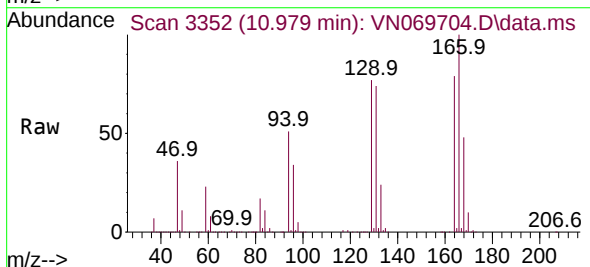
Tgt Ion:117 Resp: 198810
Ion Ratio Lower Upper
117 100
82 58.3 42.4 63.6
119 31.8 25.4 38.2

Manual Integrations
APPROVED

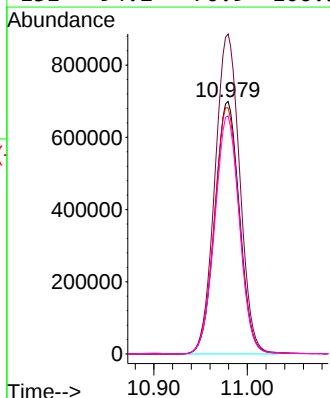
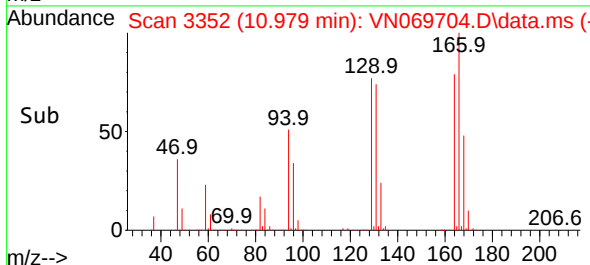
Reviewed By :John Carlone 12/03/2021
Supervised By :Mahesh Dadoda 12/06/2021



#64
Tetrachloroethene
Concen: 103.758 ug/l
RT: 10.979 min Scan# 3352
Delta R.T. -0.000 min
Lab File: VN069704.D
Acq: 2 Dec 2021 19:20



Tgt Ion:164 Resp: 1286176
Ion Ratio Lower Upper
164 100
166 126.7 101.9 152.9
129 97.5 72.0 108.0
131 94.2 70.9 106.3





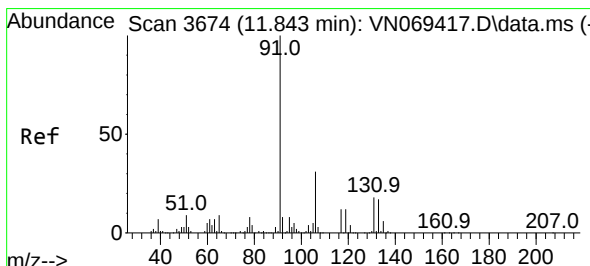
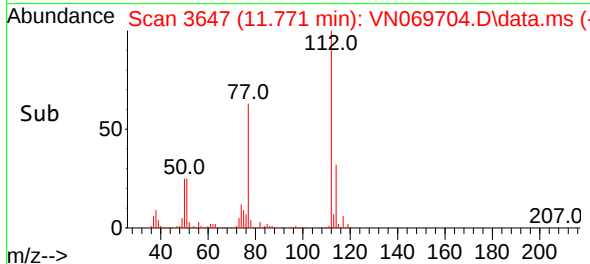
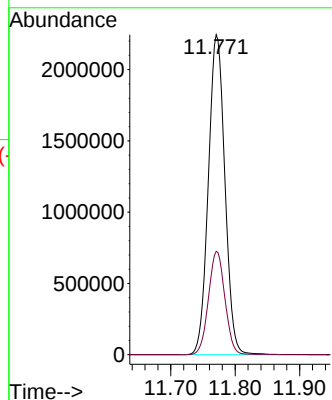
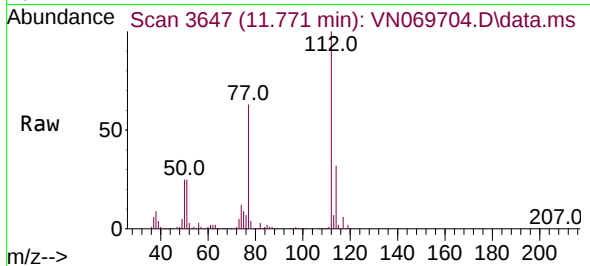
#65
Chlorobenzene
Concen: 105.358 ug/l
RT: 11.771 min Scan# 3647
Delta R.T. -0.000 min
Lab File: VN069704.D
Acq: 2 Dec 2021 19:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tgt Ion:112 Resp: 4000095
Ion Ratio Lower Upper
112 100
114 32.3 25.4 38.0

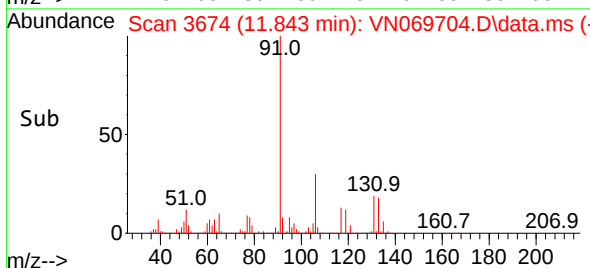
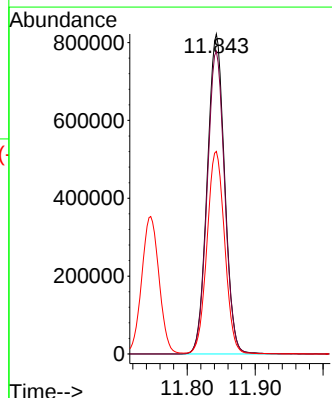
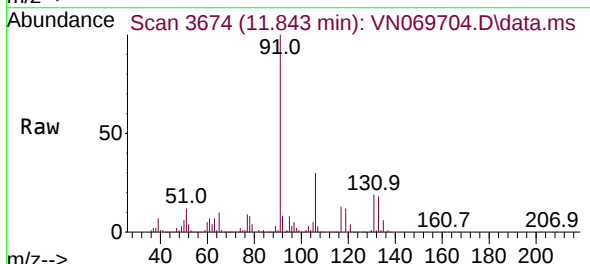
Manual Integrations
APPROVED

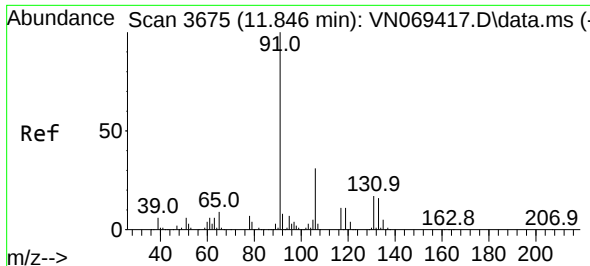
Reviewed By :John Carlone 12/03/2021
Supervised By :Mahesh Dadoda 12/06/2021



#66
1,1,1,2-Tetrachloroethane
Concen: 110.907 ug/l
RT: 11.843 min Scan# 3674
Delta R.T. -0.000 min
Lab File: VN069704.D
Acq: 2 Dec 2021 19:20

Tgt Ion:131 Resp: 1464165
Ion Ratio Lower Upper
131 100
133 95.1 47.9 143.7
119 64.1 32.1 96.5





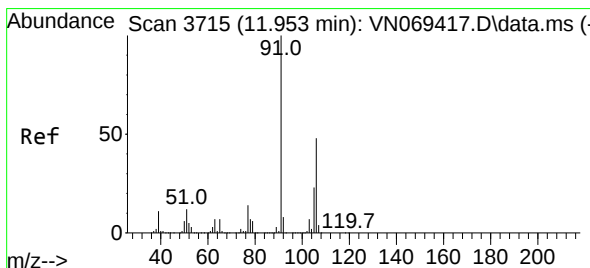
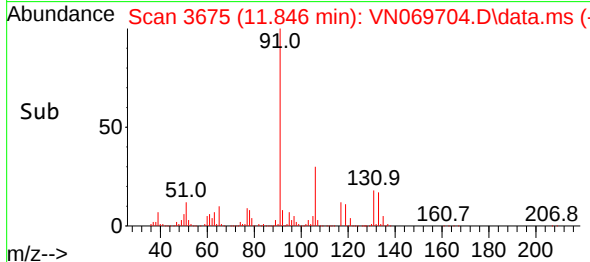
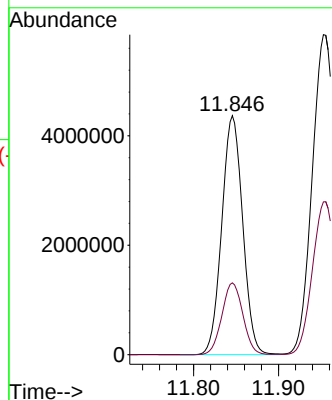
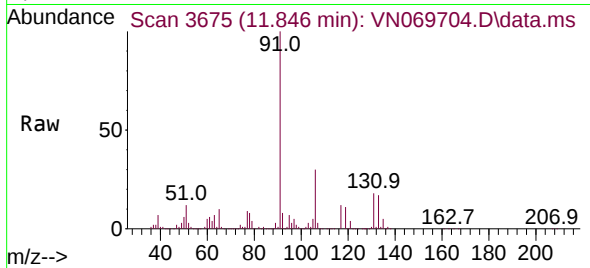
#67
Ethyl Benzene
Concen: 106.552 ug/l
RT: 11.846 min Scan# 3675
Delta R.T. -0.000 min
Lab File: VN069704.D
Acq: 2 Dec 2021 19:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion: 91 Resp: 7469050
Ion Ratio Lower Upper
91 100
106 30.1 25.7 38.5

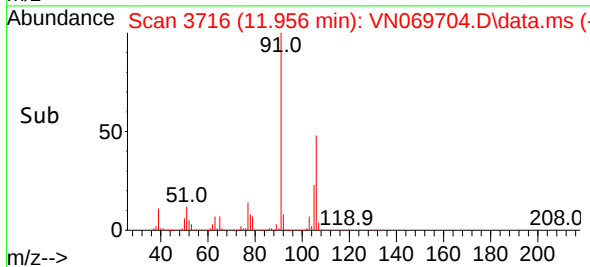
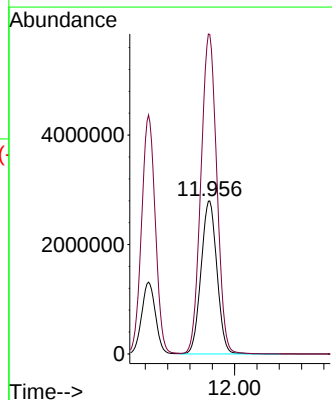
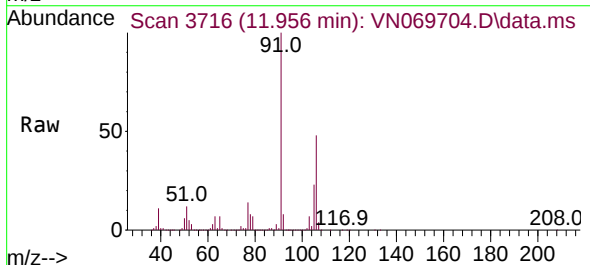
Manual Integrations
APPROVED

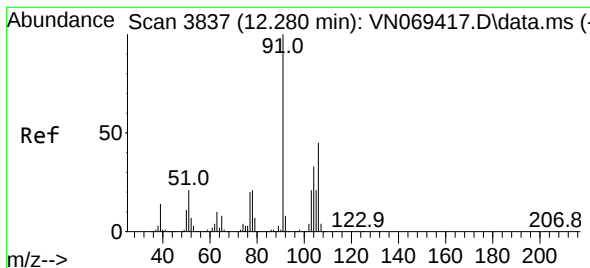
Reviewed By :John Carlone 12/03/2021
Supervised By :Mahesh Dadoda 12/06/2021



#68
m/p-Xylenes
Concen: 214.615 ug/l
RT: 11.956 min Scan# 3716
Delta R.T. 0.003 min
Lab File: VN069704.D
Acq: 2 Dec 2021 19:20

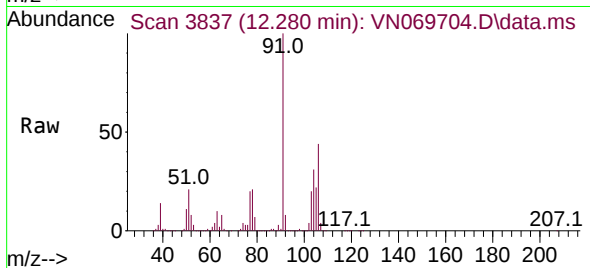
Tgt Ion:106 Resp: 5511584
Ion Ratio Lower Upper
106 100
91 210.0 160.6 240.8





#69
o-Xylene
Concen: 108.837 ug/l
RT: 12.280 min Scan# 3837
Delta R.T. -0.003 min
Lab File: VN069704.D
Acq: 2 Dec 2021 19:20

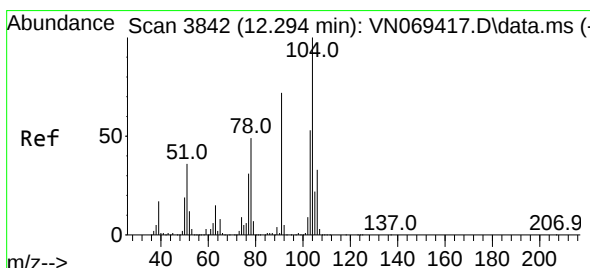
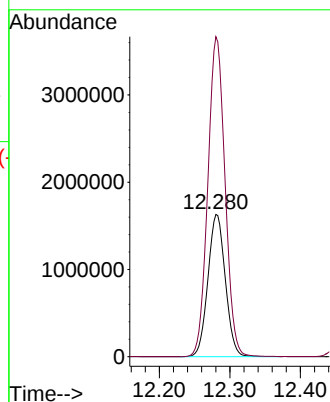
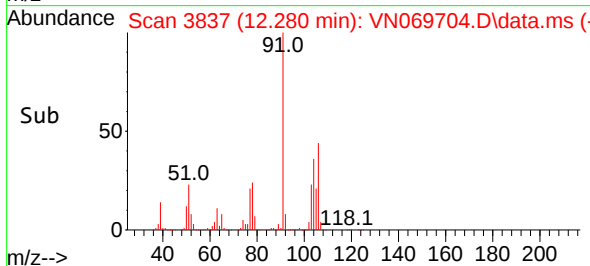
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



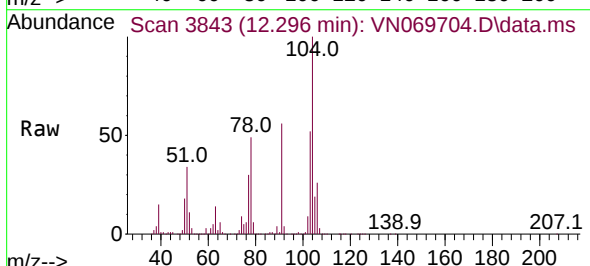
Tgt Ion:106 Resp: 2788900
Ion Ratio Lower Upper
106 100
91 223.4 105.8 317.3

Manual Integrations
APPROVED

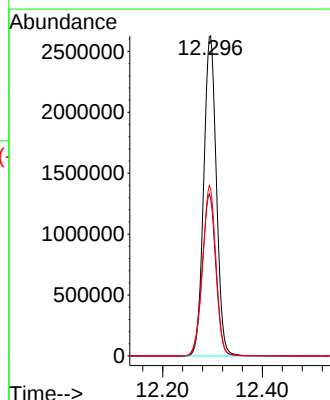
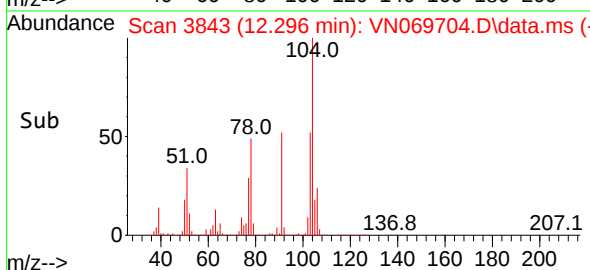
Reviewed By :John Carlone 12/03/2021
Supervised By :Mahesh Dadoda 12/06/2021

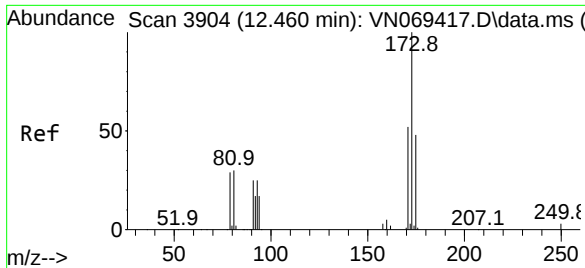


#70
Styrene
Concen: 112.765 ug/l
RT: 12.296 min Scan# 3843
Delta R.T. 0.003 min
Lab File: VN069704.D
Acq: 2 Dec 2021 19:20



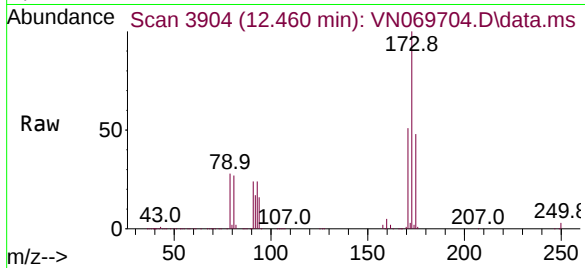
Tgt Ion:104 Resp: 4643957
Ion Ratio Lower Upper
104 100
78 54.3 38.7 58.1
103 55.9 45.0 67.6





#71
Bromoform
Concen: 128.695 ug/l
RT: 12.460 min Scan# 3904
Delta R.T. -0.000 min
Lab File: VN069704.D
Acq: 2 Dec 2021 19:20

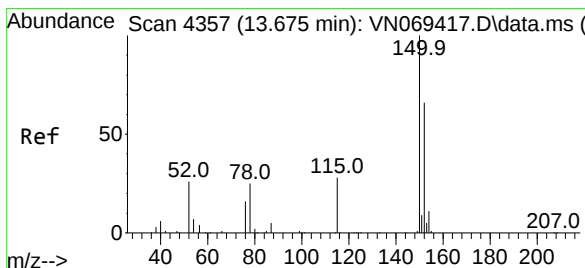
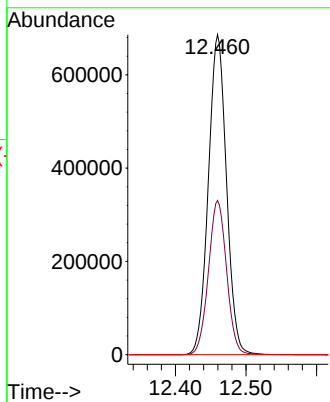
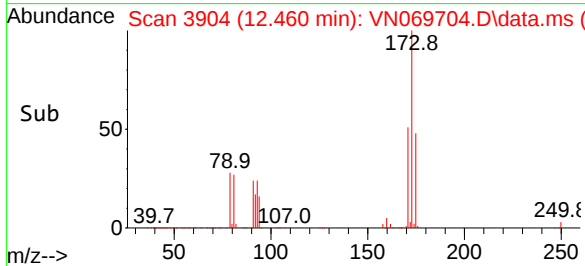
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



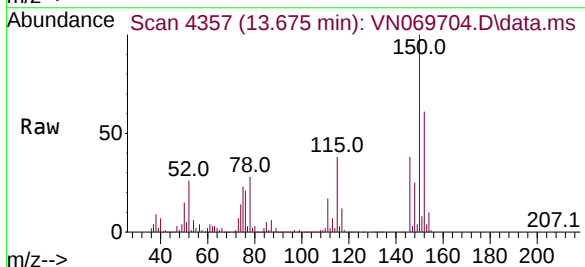
Tgt Ion:173 Resp: 1223274
Ion Ratio Lower Upper
173 100
175 48.3 24.2 72.6
254 0.0 0.0 0.0

Manual Integrations
APPROVED

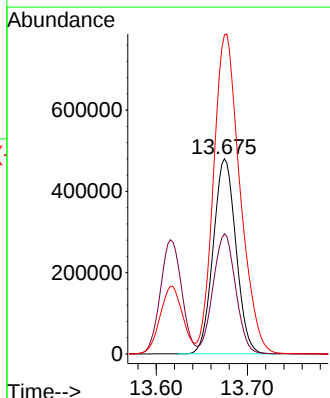
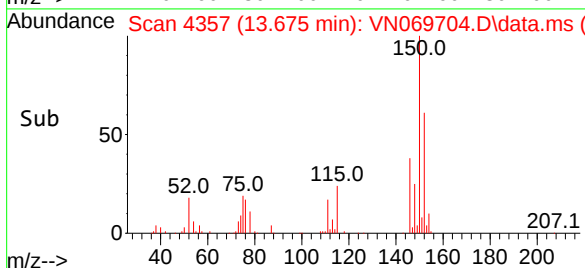
Reviewed By :John Carlone 12/03/2021
Supervised By :Mahesh Dadoda 12/06/2021

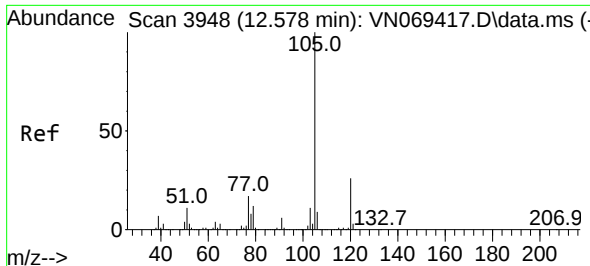


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 4357
Delta R.T. -0.003 min
Lab File: VN069704.D
Acq: 2 Dec 2021 19:20



Tgt Ion:152 Resp: 831231
Ion Ratio Lower Upper
152 100
115 61.1 27.5 82.5
150 190.9 0.0 344.4





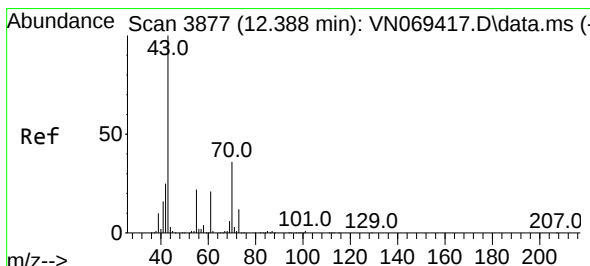
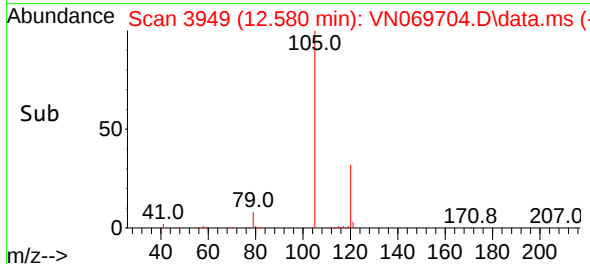
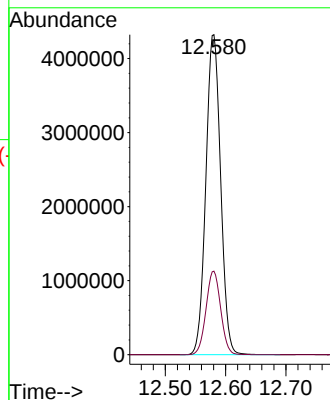
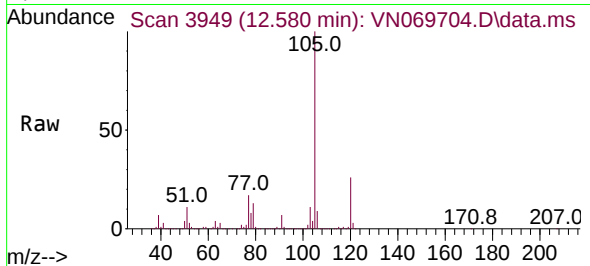
#73
Isopropylbenzene
Concen: 107.924 ug/l
RT: 12.580 min Scan# 3948
Delta R.T. -0.000 min
Lab File: VN069704.D
Acq: 2 Dec 2021 19:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tgt Ion:105 Resp: 7342158
Ion Ratio Lower Upper
105 100
120 25.9 13.4 40.1

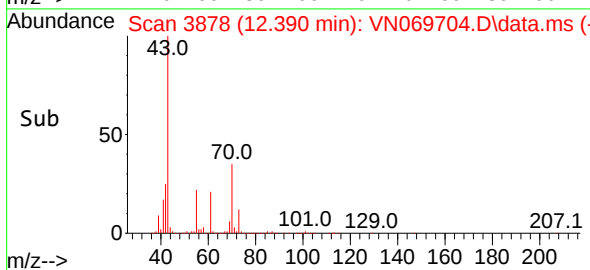
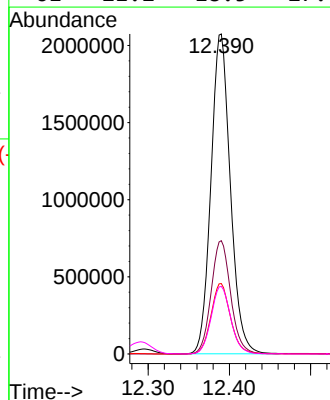
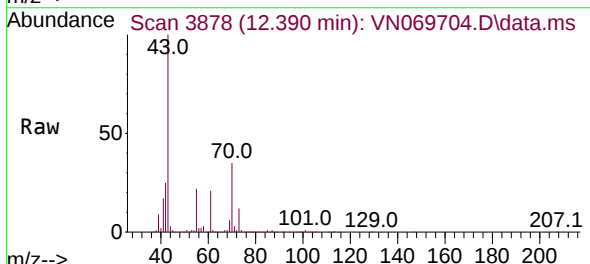
Manual Integrations
APPROVED

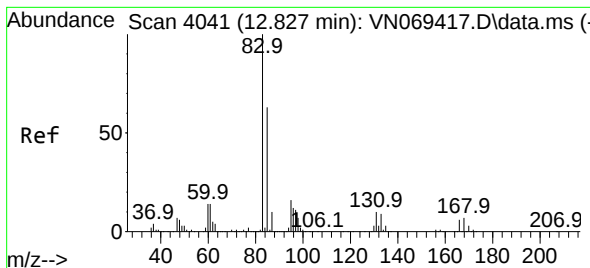
Reviewed By :John Carlone 12/03/2021
Supervised By :Mahesh Dadoda 12/06/2021



#74
N-aryl acetate
Concen: 118.205 ug/l
RT: 12.390 min Scan# 3878
Delta R.T. 0.003 min
Lab File: VN069704.D
Acq: 2 Dec 2021 19:20

Tgt Ion: 43 Resp: 3440496
Ion Ratio Lower Upper
43 100
70 35.7 33.4 50.0
55 22.2 19.3 28.9
61 21.2 18.5 27.7





#75

1,1,2,2-Tetrachloroethane

Concen: 101.130 ug/l

RT: 12.827 min Scan# 4041

Delta R.T. -0.000 min

Lab File: VN069704.D

Acq: 2 Dec 2021 19:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

Tgt Ion: 83 Resp: 2331586

Ion Ratio Lower Upper

83 100

131 9.9 5.5 16.5

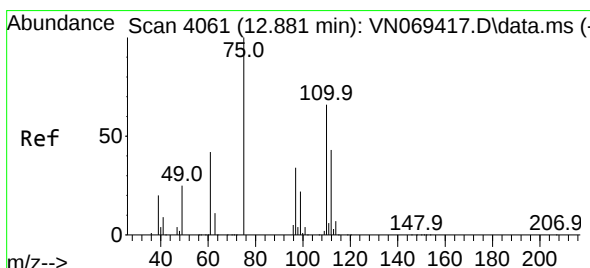
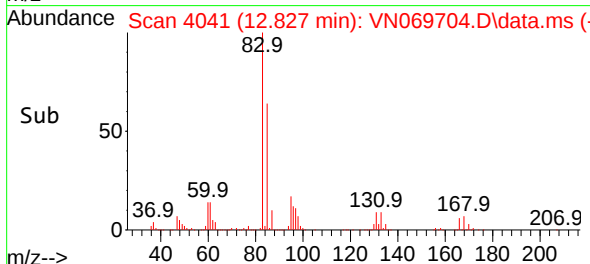
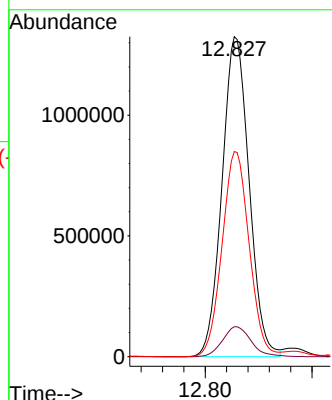
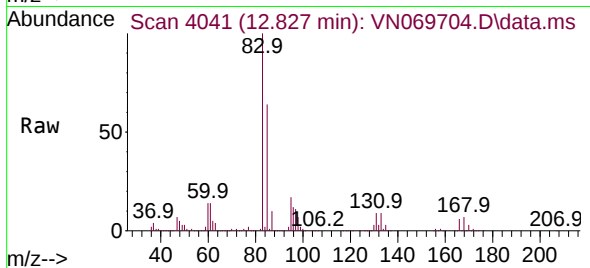
85 64.3 32.4 97.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/03/2021

Supervised By :Mahesh Dadoda 12/06/2021



#76

1,2,3-Trichloropropane

Concen: 101.023 ug/l m

RT: 12.881 min Scan# 4061

Delta R.T. -0.000 min

Lab File: VN069704.D

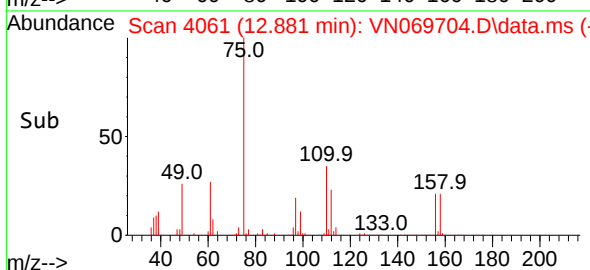
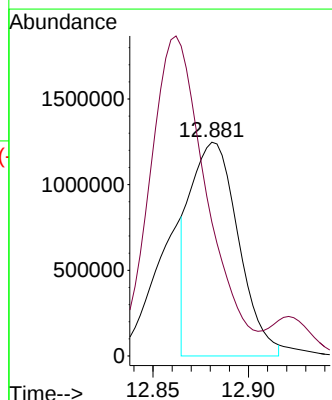
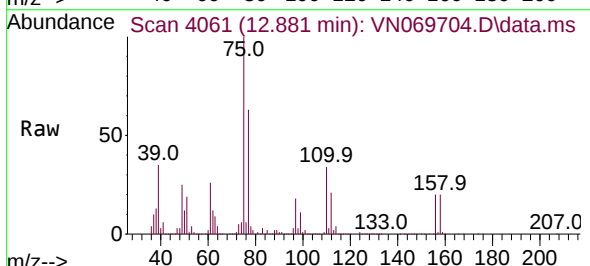
Acq: 2 Dec 2021 19:20

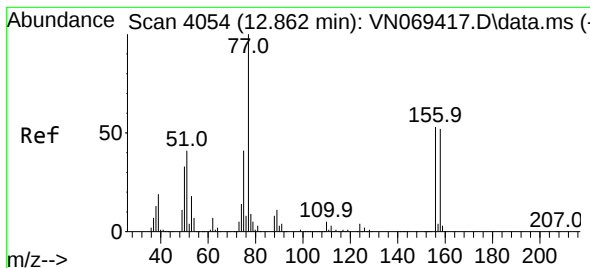
Tgt Ion: 75 Resp: 2172841

Ion Ratio Lower Upper

75 100

77 177.7 82.6 247.8





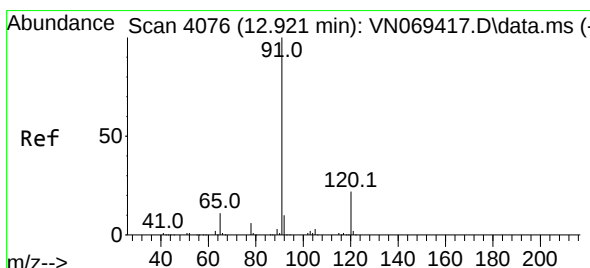
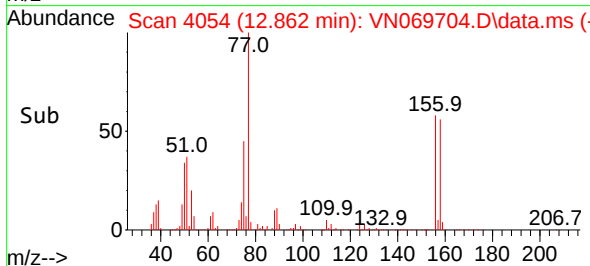
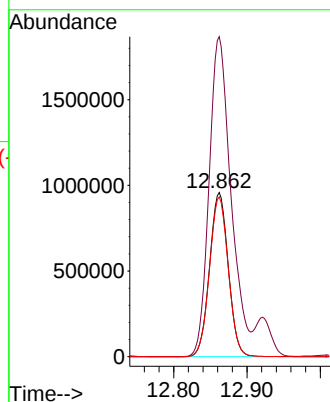
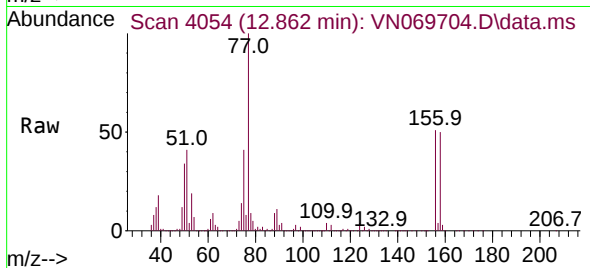
#77
Bromobenzene
Concen: 108.788 ug/l
RT: 12.862 min Scan# 4054
Delta R.T. -0.000 min
Lab File: VN069704.D
Acq: 2 Dec 2021 19:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion:156 Resp: 1699910
Ion Ratio Lower Upper
156 100
77 227.1 90.6 271.8
158 97.7 48.9 146.7

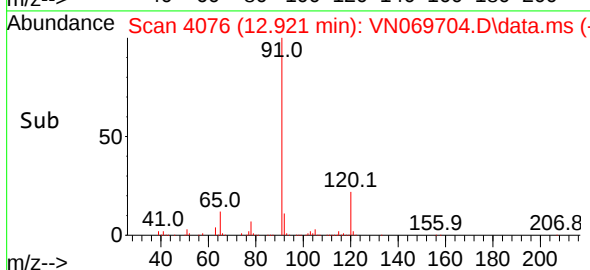
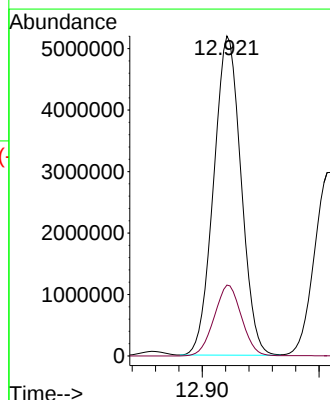
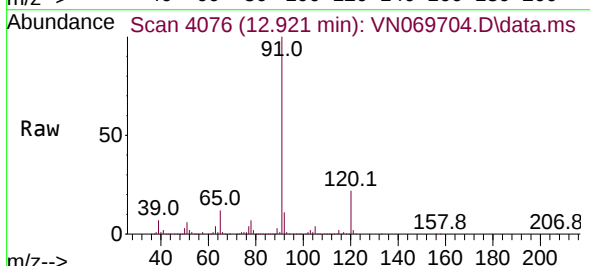
Manual Integrations
APPROVED

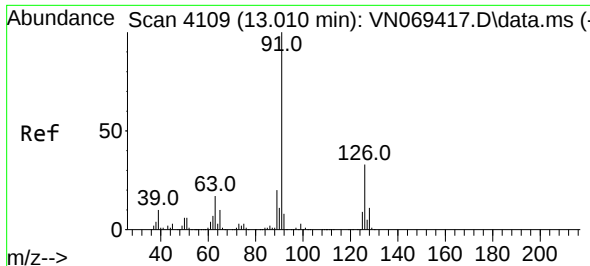
Reviewed By :John Carlone 12/03/2021
Supervised By :Mahesh Dadoda 12/06/2021



#78
n-propylbenzene
Concen: 110.356 ug/l
RT: 12.921 min Scan# 4076
Delta R.T. -0.000 min
Lab File: VN069704.D
Acq: 2 Dec 2021 19:20

Tgt Ion: 91 Resp: 8450055
Ion Ratio Lower Upper
91 100
120 22.2 11.9 35.9





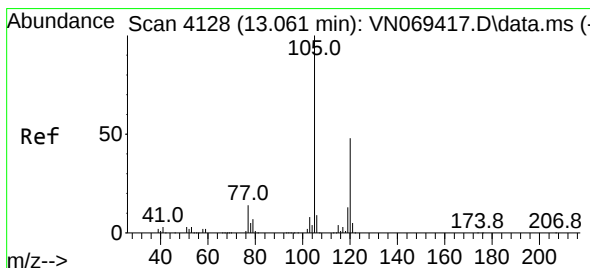
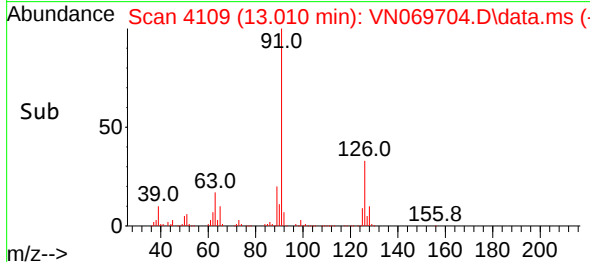
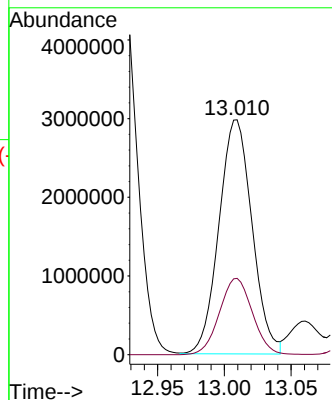
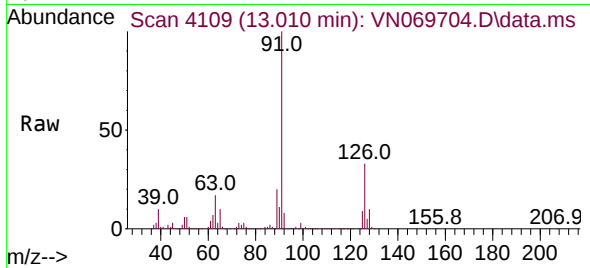
#79
2-Chlorotoluene
Concen: 108.237 ug/l
RT: 13.010 min Scan# 4109
Delta R.T. -0.000 min
Lab File: VN069704.D
Acq: 2 Dec 2021 19:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tgt Ion: 91 Resp: 5144178
Ion Ratio Lower Upper
91 100
126 32.4 18.3 54.8

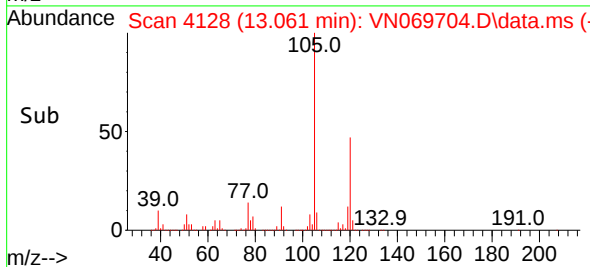
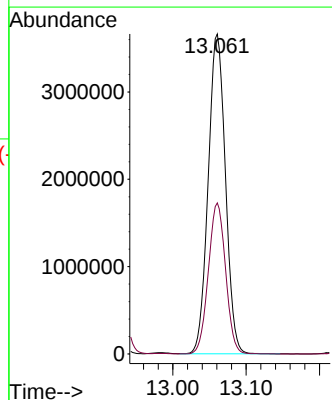
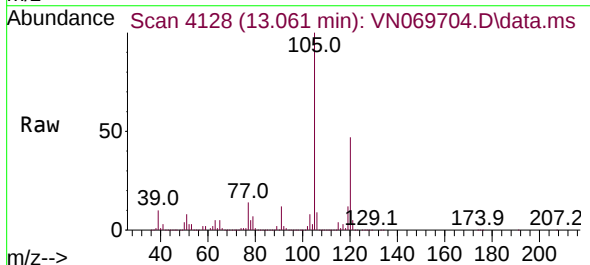
Manual Integrations
APPROVED

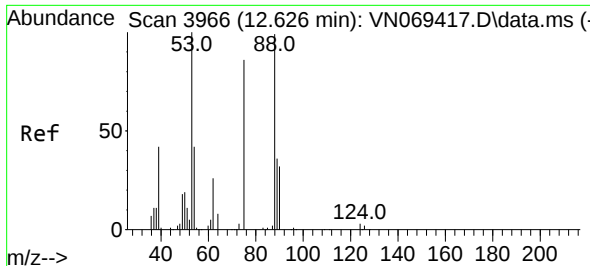
Reviewed By :John Carlone 12/03/2021
Supervised By :Mahesh Dadoda 12/06/2021



#80
1,3,5-Trimethylbenzene
Concen: 108.754 ug/l
RT: 13.061 min Scan# 4128
Delta R.T. -0.000 min
Lab File: VN069704.D
Acq: 2 Dec 2021 19:20

Tgt Ion:105 Resp: 5987205
Ion Ratio Lower Upper
105 100
120 47.1 24.6 73.6





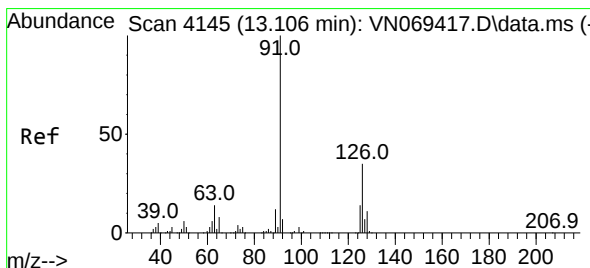
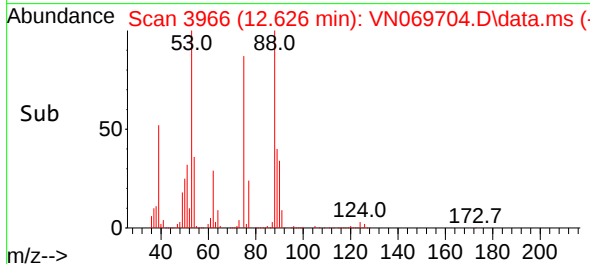
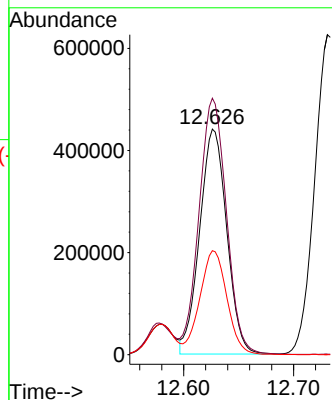
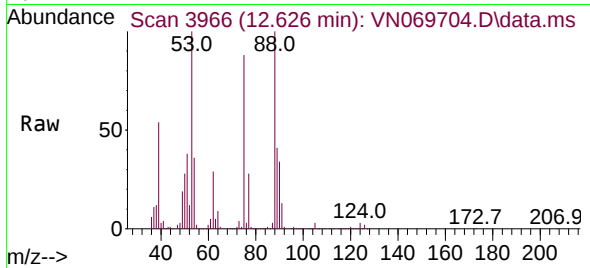
#81
trans-1,4-Dichloro-2-butene
Concen: 124.702 ug/l
RT: 12.626 min Scan# 3966
Delta R.T. -0.000 min
Lab File: VN069704.D
Acq: 2 Dec 2021 19:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tgt Ion: 75 Resp: 75376
Ion Ratio Lower Upper
75 100
53 116.3 90.5 135.7
89 46.3 38.2 57.4

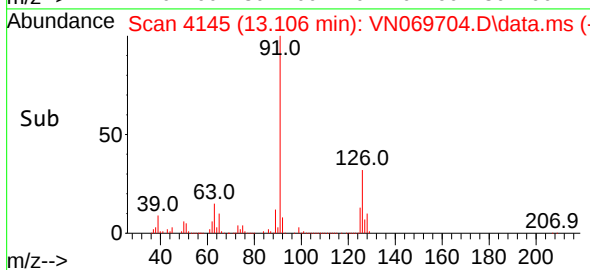
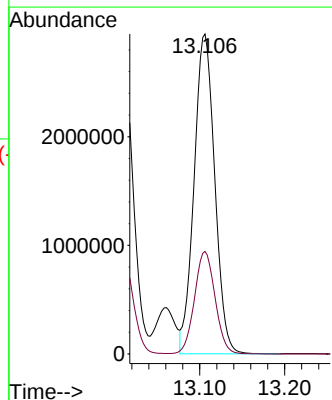
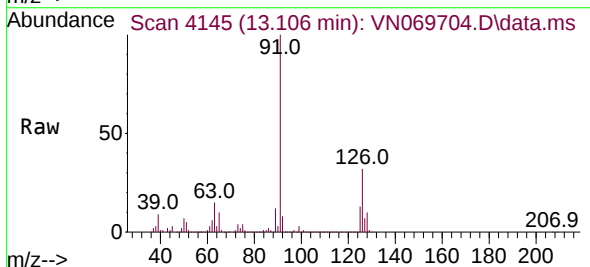
Manual Integrations
APPROVED

Reviewed By :John Carlone 12/03/2021
Supervised By :Mahesh Dadoda 12/06/2021



#82
4-Chlorotoluene
Concen: 109.624 ug/l
RT: 13.106 min Scan# 4145
Delta R.T. -0.000 min
Lab File: VN069704.D
Acq: 2 Dec 2021 19:20

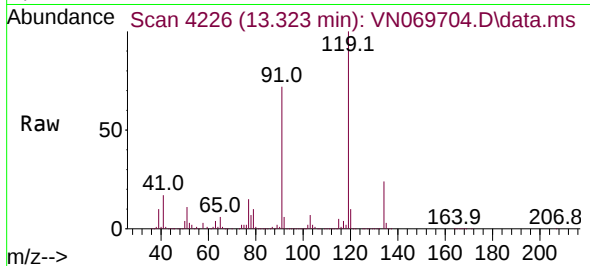
Tgt Ion: 91 Resp: 4961006
Ion Ratio Lower Upper
91 100
126 32.0 18.2 54.6





#83
tert-Butylbenzene
Concen: 109.806 ug/l
RT: 13.323 min Scan# 4226
Delta R.T. -0.000 min
Lab File: VN069704.D
Acq: 2 Dec 2021 19:20

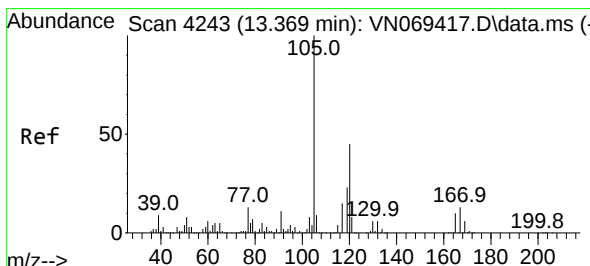
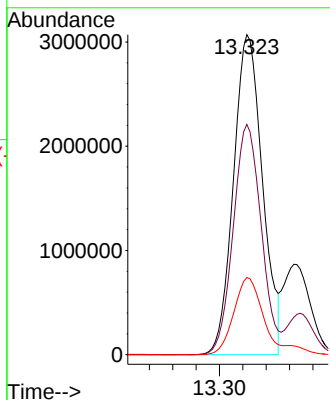
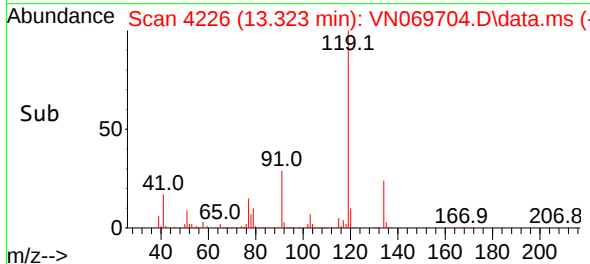
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



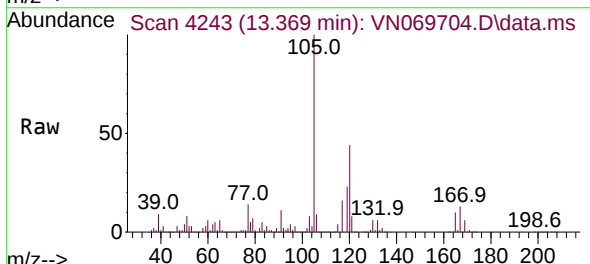
Tgt Ion:119 Resp: 5294240
Ion Ratio Lower Upper
119 100
91 69.9 31.5 94.5
134 23.9 12.4 37.4

Manual Integrations
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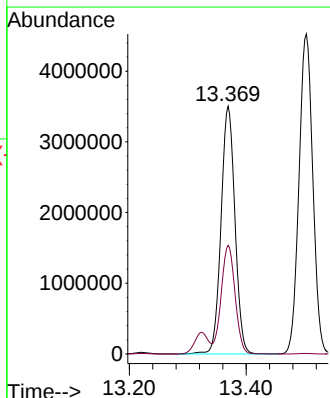
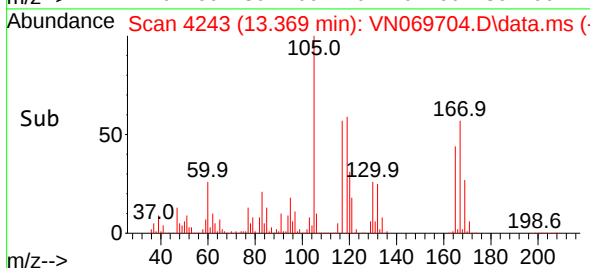
Reviewed By :John Carlone 12/03/2021
Supervised By :Mahesh Dadoda 12/06/2021

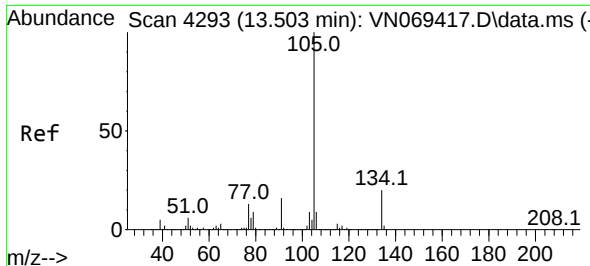


#84
1,2,4-Trimethylbenzene
Concen: 109.116 ug/l
RT: 13.369 min Scan# 4243
Delta R.T. -0.000 min
Lab File: VN069704.D
Acq: 2 Dec 2021 19:20



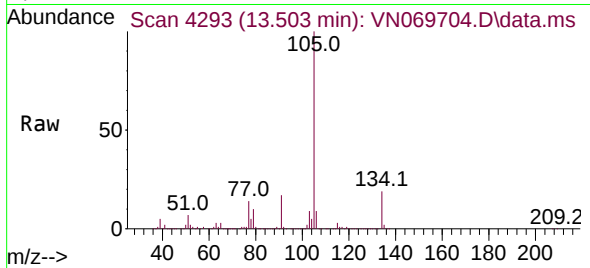
Tgt Ion:105 Resp: 5793121
Ion Ratio Lower Upper
105 100
120 43.7 22.8 68.4





#85
 sec-Butylbenzene
 Concen: 110.541 ug/l
 RT: 13.503 min Scan# 4293
 Delta R.T. -0.000 min
 Lab File: VN069704.D
 Acq: 2 Dec 2021 19:20

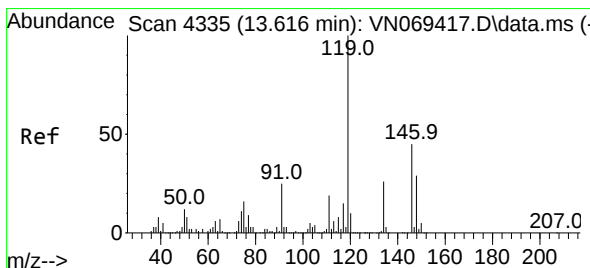
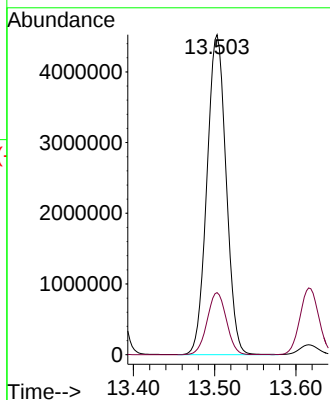
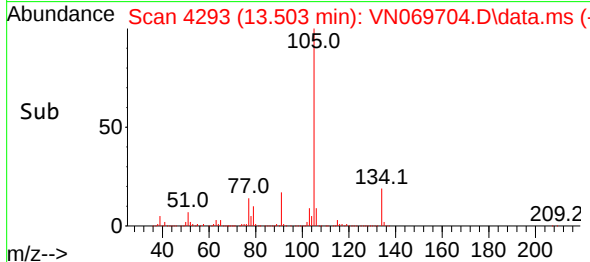
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC100



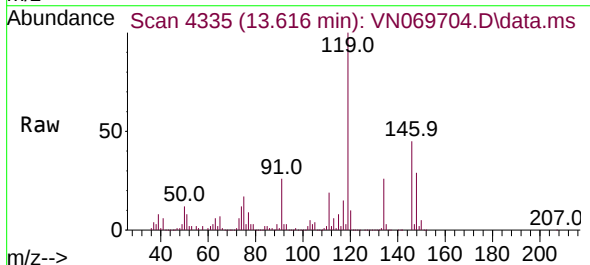
Tgt Ion:105 Resp: 742046
 Ion Ratio Lower Upper
 105 100
 134 19.5 10.4 31.1

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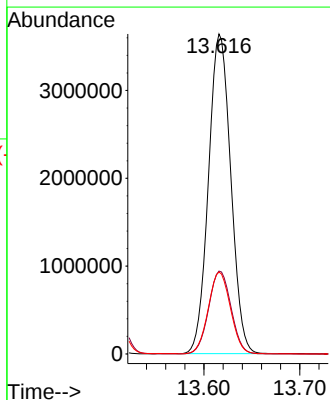
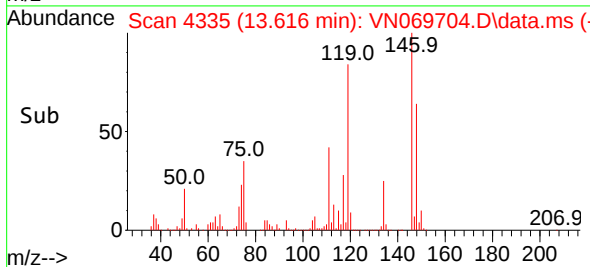
Reviewed By :John Carlone 12/03/2021
 Supervised By :Mahesh Dadoda 12/06/2021

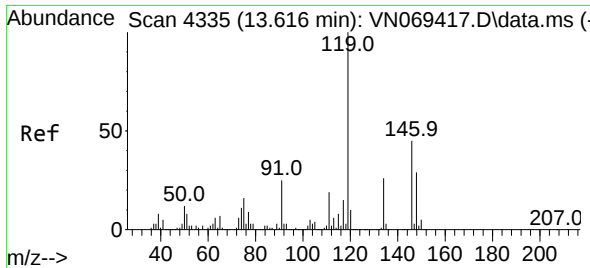


#86
 p-Isopropyltoluene
 Concen: 110.602 ug/l
 RT: 13.616 min Scan# 4335
 Delta R.T. -0.000 min
 Lab File: VN069704.D
 Acq: 2 Dec 2021 19:20



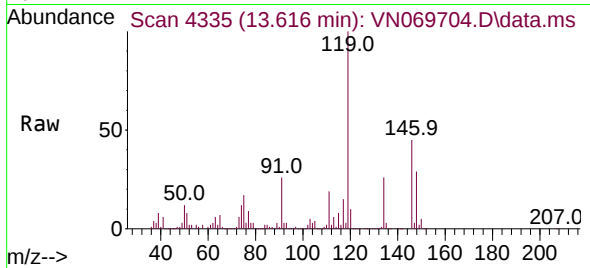
Tgt Ion:119 Resp: 5877873
 Ion Ratio Lower Upper
 119 100
 134 26.0 13.6 40.7
 91 25.6 11.4 34.1





#87
1,3-Dichlorobenzene
Concen: 104.609 ug/l
RT: 13.616 min Scan# 4335
Delta R.T. -0.000 min
Lab File: VN069704.D
Acq: 2 Dec 2021 19:20

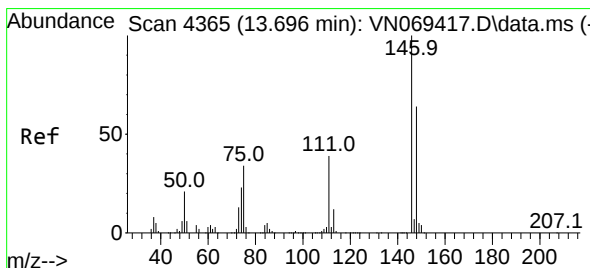
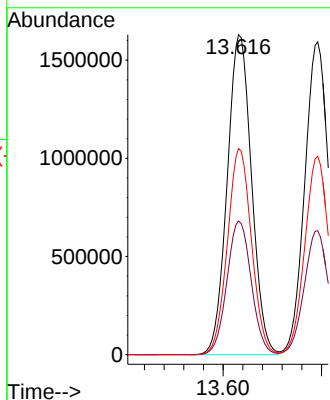
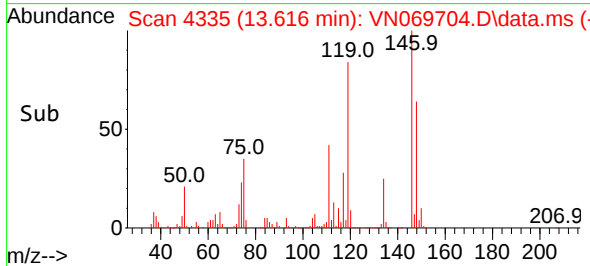
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



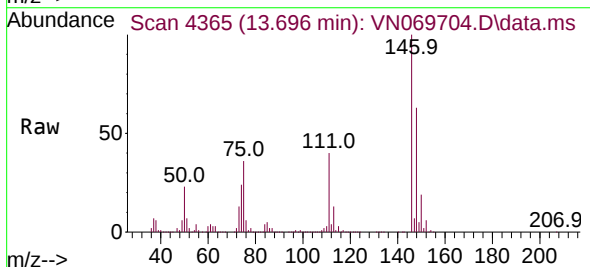
Tgt Ion:146 Resp: 280707
Ion Ratio Lower Upper
146 100
111 41.7 18.6 55.6
148 63.8 31.6 95.0

Manual Integrations
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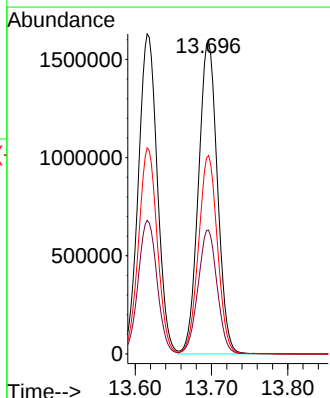
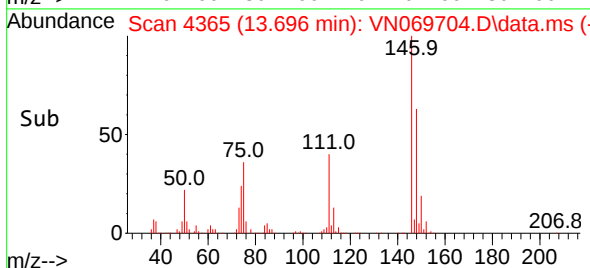
Reviewed By :John Carlone 12/03/2021
Supervised By :Mahesh Dadoda 12/06/2021



#88
1,4-Dichlorobenzene
Concen: 104.455 ug/l
RT: 13.696 min Scan# 4365
Delta R.T. -0.000 min
Lab File: VN069704.D
Acq: 2 Dec 2021 19:20



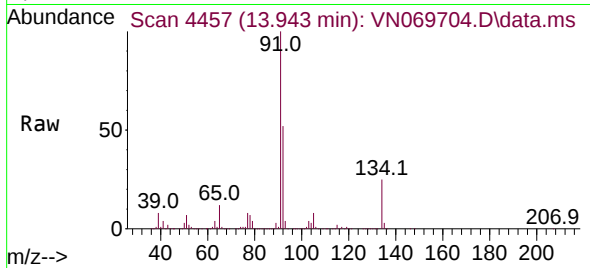
Tgt Ion:146 Resp: 2744034
Ion Ratio Lower Upper
146 100
111 39.6 18.3 54.8
148 63.6 31.8 95.4





#89
n-Butylbenzene
Concen: 113.451 ug/l
RT: 13.943 min Scan# 4457
Delta R.T. -0.000 min
Lab File: VN069704.D
Acq: 2 Dec 2021 19:20

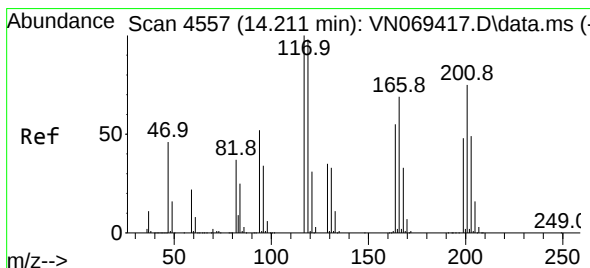
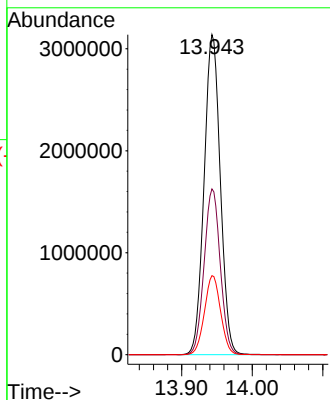
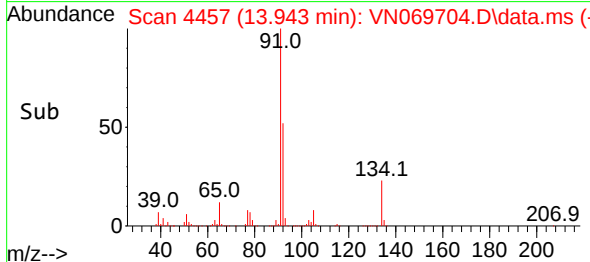
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion: 91 Resp: 500329
Ion Ratio Lower Upper
91 100
92 51.7 25.4 76.0
134 24.6 13.6 40.8

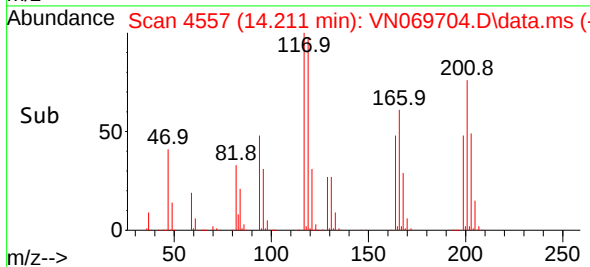
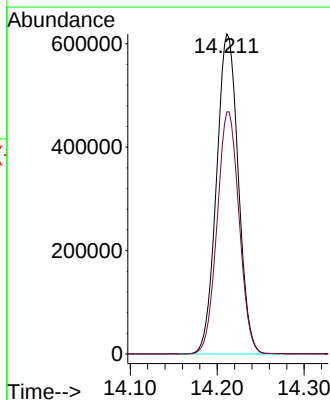
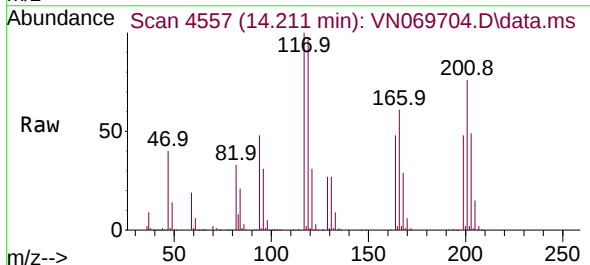
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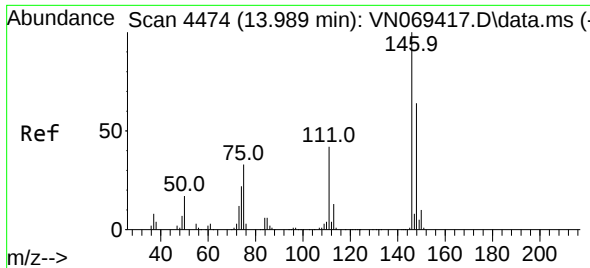
Reviewed By :John Carlone 12/03/2021
Supervised By :Mahesh Dadoda 12/06/2021



#90
Hexachloroethane
Concen: 122.154 ug/l
RT: 14.211 min Scan# 4557
Delta R.T. -0.000 min
Lab File: VN069704.D
Acq: 2 Dec 2021 19:20

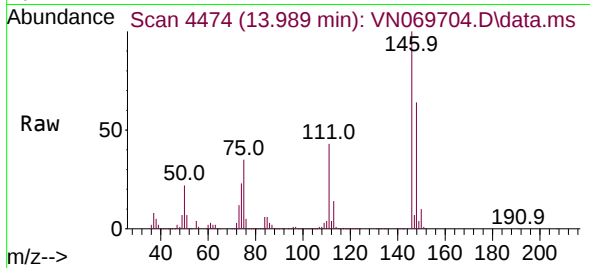
Tgt Ion:117 Resp: 1077869
Ion Ratio Lower Upper
117 100
201 76.4 43.9 131.6





#91
1,2-Dichlorobenzene
Concen: 104.582 ug/l
RT: 13.989 min Scan# 4474
Delta R.T. -0.000 min
Lab File: VN069704.D
Acq: 2 Dec 2021 19:20

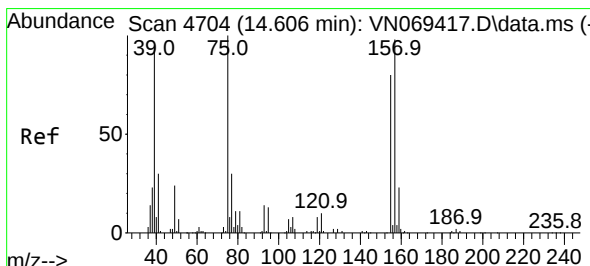
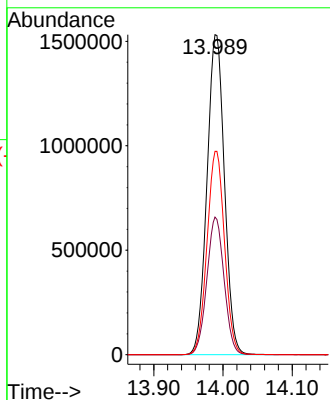
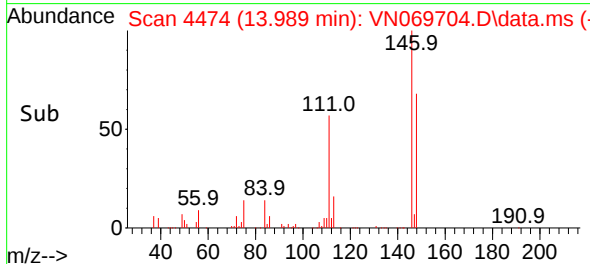
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



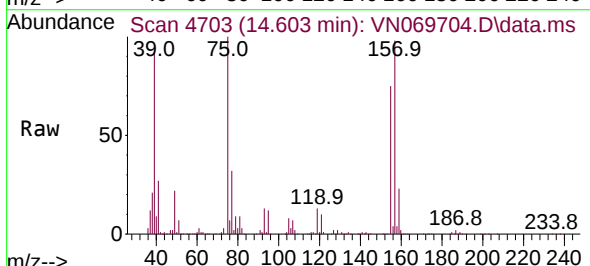
Tgt Ion:146 Resp: 267564
Ion Ratio Lower Upper
146 100
111 42.5 19.1 57.3
148 63.8 32.1 96.3

Manual Integrations
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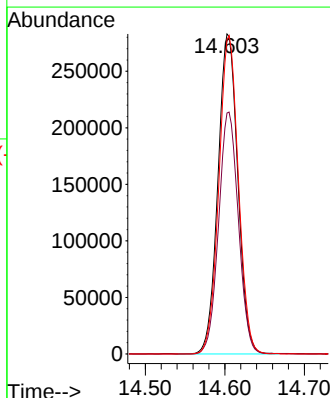
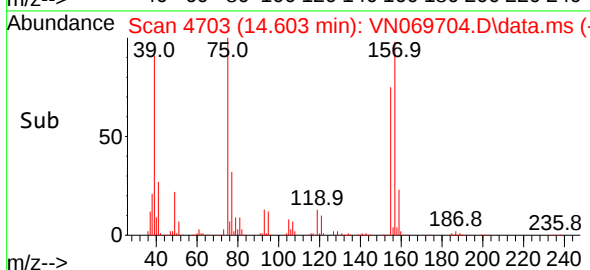
Reviewed By :John Carlone 12/03/2021
Supervised By :Mahesh Dadoda 12/06/2021

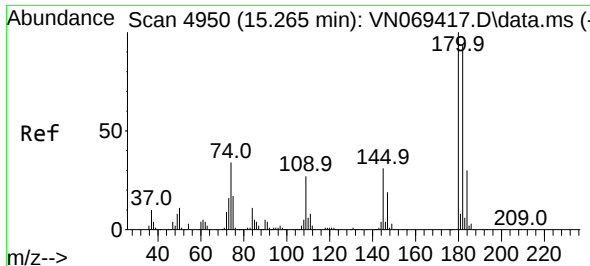


#92
1,2-Dibromo-3-Chloropropane
Concen: 129.796 ug/l
RT: 14.603 min Scan# 4703
Delta R.T. -0.000 min
Lab File: VN069704.D
Acq: 2 Dec 2021 19:20



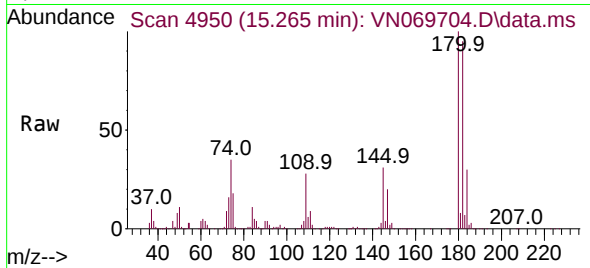
Tgt Ion: 75 Resp: 491282
Ion Ratio Lower Upper
75 100
155 75.2 46.9 140.7
157 97.6 60.6 181.7





#93
1,2,4-Trichlorobenzene
Concen: 122.225 ug/l
RT: 15.265 min Scan# 4950
Delta R.T. -0.000 min
Lab File: VN069704.D
Acq: 2 Dec 2021 19:20

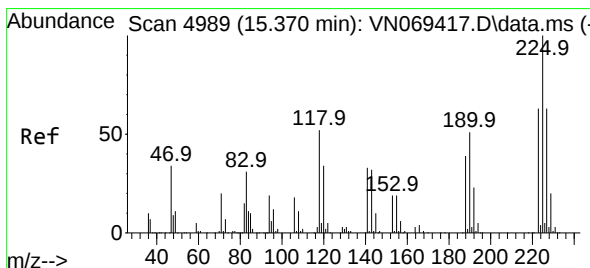
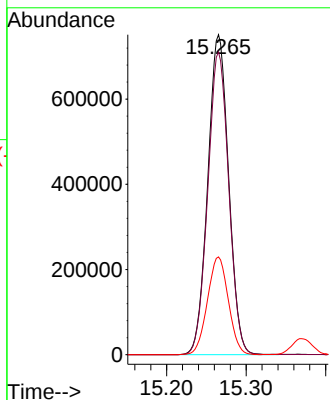
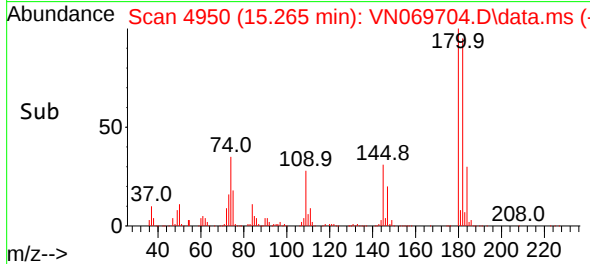
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



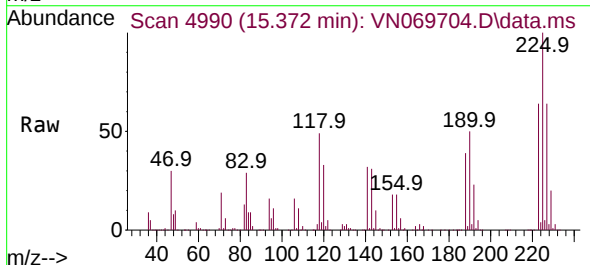
Tgt Ion:180 Resp: 137016
Ion Ratio Lower Upper
180 100
182 94.9 48.3 144.9
145 30.7 14.5 43.5

Manual Integrations
APPROVED

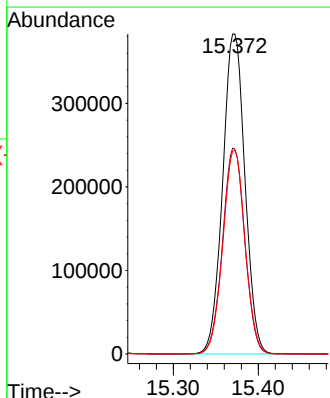
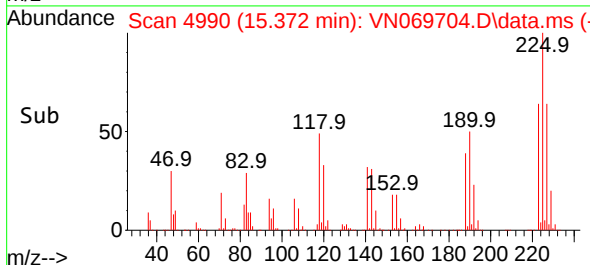
Reviewed By :John Carlone 12/03/2021
Supervised By :Mahesh Dadoda 12/06/2021

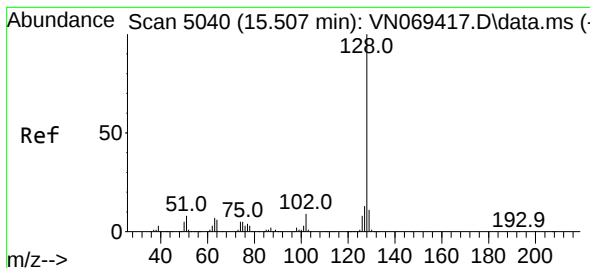


#94
Hexachlorobutadiene
Concen: 104.729 ug/l
RT: 15.372 min Scan# 4990
Delta R.T. 0.003 min
Lab File: VN069704.D
Acq: 2 Dec 2021 19:20



Tgt Ion:225 Resp: 698272
Ion Ratio Lower Upper
225 100
223 64.0 31.9 95.7
227 63.5 32.1 96.3





#95

Naphthalene

Concen: 134.554 ug/l

RT: 15.507 min Scan# 5040

Delta R.T. -0.000 min

Lab File: VN069704.D

Acq: 2 Dec 2021 19:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

Tgt Ion:128 Resp: 4115480

Ion Ratio Lower Upper

128 100

127 13.2 10.5 15.7

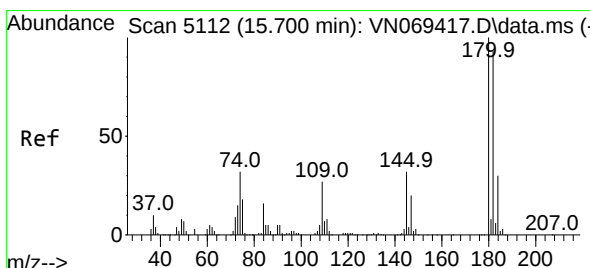
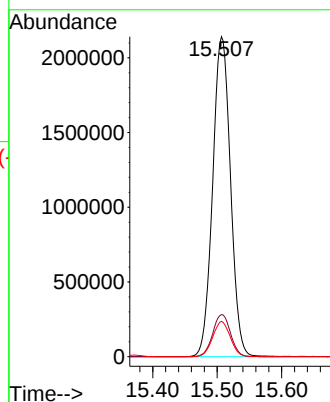
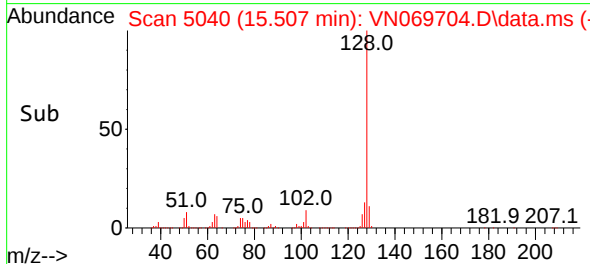
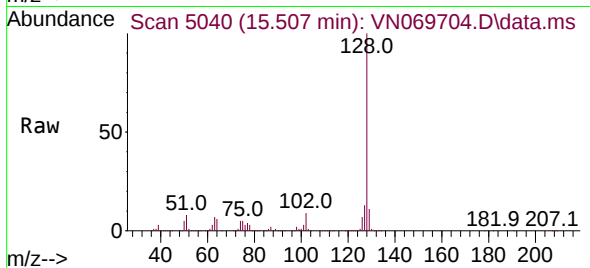
129 10.9 8.7 13.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/03/2021

Supervised By :Mahesh Dadoda 12/06/2021



#96

1,2,3-Trichlorobenzene

Concen: 122.888 ug/l

RT: 15.702 min Scan# 5113

Delta R.T. -0.000 min

Lab File: VN069704.D

Acq: 2 Dec 2021 19:20

Tgt Ion:180 Resp: 1329566

Ion Ratio Lower Upper

180 100

182 96.0 47.4 142.2

145 32.9 15.0 45.1

